

Summary Report of Baseline Surveys and Installations Conducted in 2015 in the National Marine Sanctuary of American Samoa¹

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SUMMARY

This report describes baseline surveys conducted as a partnership between the Coral Reef Ecosystem Division (CRED) and the National Marine Sanctuary of American Samoa (NMSAS) in February and March 2015. CRED implements the Pacific Reef Assessment and Monitoring Program (RAMP), an ecosystem-scale interdisciplinary coral reef monitoring program. This partnership with NMSAS enabled additional sampling work which focused on the marine sanctuaries of American Samoa. Collectively, these resulting data provide a baseline assessment of American Samoa's sanctuaries. Furthermore, since the survey method and design are also implemented as part of Pacific RAMP, these data are directly comparable to data from elsewhere in the region. The intention here is to continue this work periodically so that the status of biological communities within sanctuaries can be tracked over time and in comparison to reef areas outside of the sanctuaries.

STRUCTURE OF THIS REPORT

The report is divided into three sections: benthic, fish, and ocean and climate change.

The benthic section reports population, island/atoll, and strata level estimates of juvenile (< 5 cm) and adult (≥ 5 cm) coral colony density (no. colonies m^{-2}) and abundance (total), adult coral size distribution, partial mortality as mean percent old dead and mean percent recent dead, and the following adult coral condition metrics: prevalence of lesion causing diseases combined, non-lesion causing diseases combined, and bleaching (all severity types included; pale to white). Estimates are reported for total scleractinians, genera, and selected species.

The ocean and climate change section reports temperature ($^{\circ}C$) time-series, reef aragonite saturation state, and carbonate accretion rate ($g\ cm^{-2}\ yr^{-1}$) at the island level and site level values of reef aragonite saturation state and carbonate accretion rate.

The fish section reports the site-level biomass density ($g\ m^{-2}$) of: all fish, piscivores, fish > 50 cm, and *Acanthurus lineatus* (alogo). In addition, we report on visually estimated percent hard coral cover and benthic substrate ratio (ratio of the sum of hard coral and crustose coralline algae cover to the sum of macroalgae and turf cover) at all fish survey sites. To allow for spatial comparisons, we also pool site-level data up to the island and sanctuary-scale.

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METHODS

BENTHIC SURVEYS

Sampling survey design: A two-stage stratified random sampling design was employed to survey the domain which encompassed hard bottom reef habitat from 0 to 30 m within the islands of American Sāmoa. The stratification scheme incorporated island sectors (Tutuila only), three reef zones (fore reef, back reef, and lagoon), and three depth categories (shallow (0–6 m), mid (> 6–18 m) and deep (>18–30 m)) where present (Table 1). In addition, selected marine protected areas (sanctuary areas) were included into the stratification scheme for Ta'u and Tutuila (Table 1).

A geographic information system (GIS) and digital spatial databases of benthic habitats (NOAA National Centers for Coastal Ocean Science—NCCOS), reef zones (IKONOS satellite imagery, NDGC 1998) bathymetry (NDGC 1998, CREP benthic mapping data), and marine reserve boundaries (NOAA) were used to facilitate spatial delineation of the sampling survey domain, strata, and sample units. Map resolution was such that the survey domain could be overlain by a grid using a GIS with individual cells of size 50 m × 50 m in area. A two-stage sampling scheme following Cochran (1977) was employed to control for spatial variation in population parameters at scales smaller than the grid cell minimum mapping unit (2500 m²). Grid cells containing hard-bottom reef habitats were designated as primary sample units (referred to as sites), while the second-stage sample unit was defined as a diver visual belt transect of fixed area (10 m² or less).

The details of two-stage stratified random sampling design implementation for coral reefs are described specifically by Smith and co-authors (2011). A conceptual diagram of the design along with a list of symbols and computational formulas are provided in the Appendix (Figure A1 and Table A1, respectively). Allocation of sampling effort was proportional to total strata area. Site locations (geographic coordinates) were randomly selected within each stratum. Estimates for strata are generated from site means and are weighted by strata area (Table 1). Island-scale and population estimates (means and totals) are calculated using weighted strata means.

Field protocols: Benthic surveys at each site were conducted within two 18-m belt transects. Adult coral colonies (≥ 5 cm) were surveyed within 10 m² on each transect. Colonies were identified to genus with the exception of a selected list of species that were consistently identifiable *in situ* (Table A3). Adult coral colonies were measured (maximum diameter to the nearest cm) and morphology was noted. In addition, partial mortality and condition of each colony was assessed. Partial colony mortality was quantified as the percent of dead tissue (classified as 'old dead' or 'recent dead'), and the cause of recent mortality was identified if possible. Old dead partial mortality was defined as the non-living portion of a colony where the corallite structures were either gone or covered over by organisms that were not easily removed. Recent dead partial mortality was defined as the non-living portion of a colony in which the corallite structures were still intact (unless freshly bitten by a fish or abraded) and the exposed skeleton was either stark white or had only a very thin layer of sediment, biofilm (i.e., bacteria), diatoms, microalgae or tiny turf algae. Conditions affecting each colony that were not affiliated with recent mortality (i.e., some diseases and bleaching) were noted, along with the extent (percent of colony affected) and severity (ranging from moderate to acute).

Juvenile coral colonies (< 5 cm) were surveyed within 3 m² on each transect. Juvenile colonies were identified in the field by a distinct tissue and skeletal boundary that distinguished them from asexual fragments of larger adult colonies. Each juvenile colony was identified to the lowest taxonomic level possible (genus or species) and measured (both the maximum and perpendicular diameter to the nearest 2 mm).

OCEAN AND CLIMATE CHANGE SURVEYS

An ocean and climate change monitoring survey site is a 5 m × 10 m rectangle oriented parallel to the shoreline/reef slope, with the down reef slope azimuth represented by the 5 m sides and the cross reef slope azimuth represented by the 10 m sides. Deployed on the reef for a period of 3 years within the 5 m × 10 m survey site are instruments which aid in the monitoring of reef calcification rate and seawater temperature variability: 5 Calcification Accretion Units (CAUs, see Appendix) and 1 Seabird Electronics temperature logger. The exact location each site is recorded with a handheld GPS. While scuba divers are at the survey site a discrete near reef (15-m depth) seawater sample is collected using a 5 L Niskin bottle. Immediately upon returning to the dive boat, a conductivity-temperature-depth (CTD) hydrocast of the water column above the 15-m survey site is collected using a SBE-19plus.

Temperature data are collected using high-accuracy temperature loggers made by SeaBird electronics. The model used on the 2012 deployment, recovered in 2015, was a SBE39. The model deployed in 2015 was a SBE56. The SBE39 samples at a rate of 1 measurement every 20 minutes. For analysis, temperature sensor deployments are grouped by site, and temperature data from successive deployments at each site are concatenated. Raw data are averaged hourly, and gaps of longer than 1 hour in the time-series, due to instrument failure or battery death, are padded with null values. A summary of temperature deployments and recoveries can be found in the Appendix.

Carbonate chemistry information is assembled from discrete seawater samples analyzed for two parameters: Dissolved Inorganic Carbon (DIC) and Total Alkalinity (TA). The carbonate system is influenced by seawater salinity, temperature, and pressure. These data are collected by the CTD and used during analysis with DIC and TA values to calculate values for aragonite saturation state (Ω_a). All carbonate system collection and measurement methodologies follow the protocol accepted by the greater scientific community and outlined in Dickson, A.G., Sabine, C.L., and Christian, J.R. (Eds.) 2007. Guide to Best Practices for Ocean CO₂ Measurements. PICES Special Publication 3, 191 pp (http://cdiac.ornl.gov/oceans/Handbook_2007.html).

Reef carbonate accretion rate is calculated using the CAU units. The following description is adapted from the methods section of *Vargas-Angel et al, 2015*. These assemblies were attached to stainless steel stake installed into hard substrate around the perimeter of the 5 × 10 m survey site. During recovery, each CAU was placed in a Ziploc bag to minimize the loss of attached calcified material during transport. Recovered CAUs were frozen at -5°C for preservation during transportation to the laboratory in Honolulu.

In the laboratory, after disassembly of the CAU unit, plates were dried at 60°C for 2–5 days, and were classified as dry when the difference in weight between sequential weigh-ins was less than 0.1g. After drying, each individual plate was submerged in 5% HCl for 24 hrs or until all CaCO₃ had dissolved. As the HCl solution was neutralized by the CaCO₃ dissolution (indicated by the absence of gas bubbles), additional HCl was added to complete the dissolution process. Often, the addition of acid was repeated several times in a 24–72-hr period until all CaCO₃ was removed. The remaining fleshy tissue was scraped onto pre-weighed 11 µm cellulose filter paper, vacuum filtered along with all 5% HCl supernatant from the dissolution process and dried at 60°C until constant weight using the same dryness criteria above; 48 hours minimum. The clean, scraped, and dried CAU plates were re-weighed, and the mass of CaCO₃ was determined by subtracting the combined weight of the fleshy tissue and PVC plates from the initial dry weight of the CAU prior to dissolution. To determine the rate of CaCO₃ accretion, the mass of CaCO₃ was normalized for surface area of each CAU (400 cm²—accounting for all upper and lower plate surfaces) and the amount of time in days that each CAU was deployed, rendering a measure of net CaCO₃ accretion in units of g cm⁻² yr⁻¹. This reef calcification rate is averaged between the 5 CAU units deployed at each site to give a site level metric.

FISH SURVEYS

The sampling domain for fish and benthic surveys is hard-bottom habitat in water less than 30 m. Each island reported here is stratified by reef zone (backreef, forereef, lagoon) and depth zone: shallow (0–6 m), mid (6–18 m) and deep (18–30 m). In addition, for Tutuila, the sampling domain was also stratified based on the section of the coastline (i.e., NE, NW, SE, and SW). For each island, the

number of sites sampled in each stratum is determined by (1) a weighting factor that includes both the area per stratum and the variance of the target metric (e.g., total fish biomass density), and (2) logistical issues such as weather conditions and/or time constraints. Prior to each survey mission, the latitude and longitude of site locations are randomly drawn from geographic information system (GIS) habitat and strata maps. Maps of each island's sampling domain are created using information from the NOAA National Centers for Coastal Ocean Science, reef zones (e.g., forereef) digitized from IKONOS satellite imagery or nautical charts, bathymetric data from the CRED-affiliated Pacific Islands Benthic Habitat Mapping Center, University of Hawai'i at Mānoa, as well as prior knowledge gained from previous visits to survey locations.

Our survey protocol is based on a modified paired stationary point count (SPC) method developed by our colleagues (Ault et al., 2006) and involves a pair of divers conducting simultaneous fish surveys in adjacent, visually estimated 15-m diameter cylindrical plots extending from the substrate to the limits of vertical visibility. Upon reaching a target survey site, a 30-m transect line is laid across the substratum following the depth contour. Divers use the transect line to locate the centers (7.5 m and 22.5 m) and two edges (0 m and 15 m; or 15 m and 30 m) of their survey plots. Each SPC consists of two components: a 5-minute species enumeration period in which divers recorded all species present in or moving through their cylinder, followed by a tallying portion, in which divers systematically record the number and size (total length to nearest cm) of all fishes of each taxon on their list. The tallying portion is conducted as a series of rapid visual sweeps, with one species grouping counted per sweep. The divers' goal is to obtain a near-instantaneous record of fishes present within their cylinder. In cases where a species is observed during the enumeration period but is not present in the cylinder during the tallying period, divers record their best estimates of the size and number observed in their first encounter during the enumeration period and mark the data recorded as "non-instantaneous". Here, both instantaneous and non-instantaneous data are pooled together. Lastly, on completing the fish count, divers visually estimated benthic cover (% cover per functional group, including hard coral) and structural complexity within the SPC cylinders. Details of our specific survey methods can be found in Ayotte et al. (2016).

For all surveys, data from the two adjacent cylinders were pooled into a mean value for the site. The biomass density of each fish is then calculated using standard, species-specific, length-weight equations. For each reporting unit presented below (e.g., Rose Sanctuary, Aunuu B, etc.), sites within each stratum are averaged and weighted proportional to stratum area. Weighted averages are then summed across strata to obtain biomass density estimates for each reporting unit.

RESULTS

BENTHIC SURVEYS

A total of 188 sites were surveyed within the American Samoan archipelago from February 15 to March 30, 2015 (Fig. 1). Sanctuary (MPA) and non-sanctuary (open) areas are listed in Table 1. On Tutuila, two sanctuary areas, Fagatele and Aunu'u B, were given the highest priority to be surveyed, however, we were able to minimally sample two additional sanctuary areas (Fagaluva and Aunu'u B) as well. Estimates for all four sanctuary areas on Tutuila are reported as even minimal sampling will provide quantitative information for future surveys. Coral metric estimates are reported for the population (American Samoa sampling domain), each island, and strata within each island (Table 1).

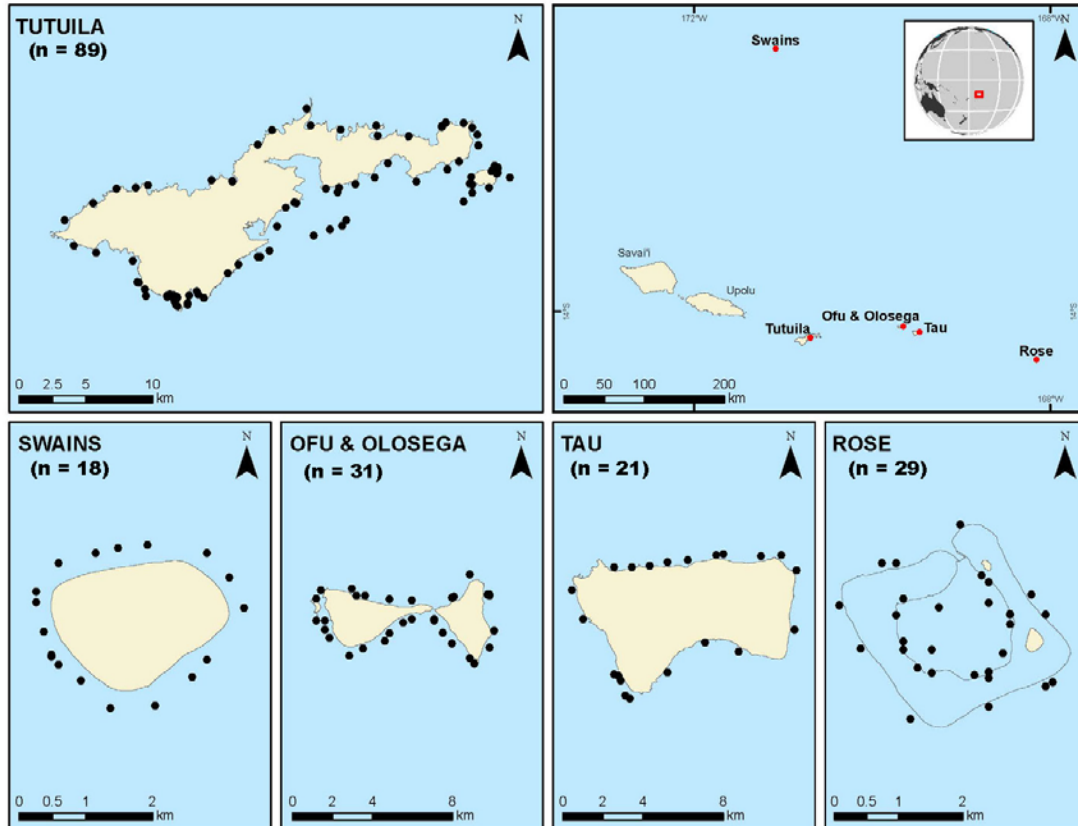


Figure 1. Site locations for the American Samoa sampling survey during 2015.

Table 1. Islands, sectors, protection types, reef zones and depth categories that defined statistical strata in the American Samoa sampling survey. Stratum-specific areas (A_h), total possible primary units (N_h ; 50×50 m grid cells), and sampled sites or primary units (n) are listed.

Island	Protection level	Reef zone	Depth category	n	N_h	Area (km^2)
Ofu and Olosega	Open	Forereef	Deep	9	1215	3037.5
			Mid	14	1476	3690
			Shallow	8	483	1207.5
Rose	MPA	Backreef	Mid	2	298	745
			Shallow	7	118	295
		Forereef	Deep	2	68	170
			Mid	6	442	1105
			Shallow	3	147	367.5
		Lagoon	Deep	4	10	25
			Mid	3	46	115
			Shallow	2	639	1597.5
Swains	MPA	Forereef	Deep	4	167	417.5
			Mid	6	37	92.5
			Shallow	8	474	1185
Tau	MPA	Forereef	Deep	2	97	242.5
			Mid/Shallow	3	344	860
	Open	Forereef	Deep	3	717	1792.5
			Mid	9	1980	4950
Tutuila NE	MPA - Aunuu A	Forereef	Shallow	4	478	1195
			Deep	2	317	792.5
			Mid	2	606	1515
			Shallow	2	91	227.5
	MPA - Aunuu B	Forereef	Deep	4	845	2112.5
			Mid	4	178	445
			Shallow	2	4	10
	Open	Forereef	Deep	5	1491	3727.5
			Mid	7	1700	4250
			Shallow	5	1092	2730
Tutuila NW	Open	Forereef	Deep	3	1031	2577.5
			Mid	3	881	2202.5
			Shallow	2	522	1305
Tutuila SE	Open	Forereef	Deep	5	1167	2917.5
			Mid	12	2638	6595
			Shallow	5	1891	4727.5
Tutuila SW	MPA - Fagaluva	Forereef	Deep	2	31	77.5
			Mid	2	111	277.5
			Shallow	2	27	67.5
	MPA - Fagatele	Forereef	Deep	4	22	55
			Mid	4	98	245
			Shallow	5	39	97.5
	Open	Forereef	Deep	2	1065	2662.5
			Mid	2	910	2275
			Shallow	3	835	2087.5

BENTHIC: POPULATION ESTIMATES

The following section reports population estimates for total scleractinians, five genera including (*Acropora* spp. and specific tabulate morphology of *Acropora* spp., *Isopora* spp., *Montipora* spp., *Pocillopora* spp., and *Porites* spp.), and three species (*Astreopora myriophthalma*, *Galaxea facicularis*, and *Montastraea curta*) of the following: (1) juvenile and adult coral abundance (Table 2), (2) juvenile and adult density with the coefficient of variation (%CV) of mean density as a measure of relative precision (Table 3), (3) adult coral partial mortality and condition metrics (Table 4). Population estimates for all genera and species that were identified consistently *in situ* are included in Table A3. Population size structure with juvenile abundance is displayed for three of the most abundant species: *A. myriophthalma*, *G. facicularis*, and *M. curta* (Fig. 2).

Table 2. Juvenile and adult coral population abundance estimates of total scleractinians, five genera and three species for American Samoa 2015.

	Adult population abundance X 10 ⁷	Std. error X 10 ⁷	Juvenile population abundance X 10 ⁷	Std. error X 10 ⁷	% Juvenile of total population (juv+adult)	Juvenile to adult ratio
Total scleractinians	89.557	4.159	27.214	2.028	23.31	0.30
<i>Acropora</i> spp. (all)	5.917	0.586	1.492	0.200	20.14	0.25
<i>Acropora</i> spp. (tabulate)	0.538	0.151				
<i>Isopora</i> spp.	2.815	0.811	0.235	0.136	7.69	0.08
<i>Montipora</i> spp.	23.269	1.419	6.626	0.613	22.16	0.28
<i>Pocillopora</i> spp.	5.381	0.452	1.480	0.187	21.57	0.28
<i>Porites</i> spp.	7.816	0.720	3.965	0.845	33.65	0.51
<i>Astreopora myriophthalma</i>	2.824	0.448	0.214	0.058	7.05	0.08
<i>Galaxea fascicularis</i>	6.030	1.899	1.045	0.726	14.77	0.17
<i>Montastraea curta</i>	4.502	0.505	1.188	0.200	20.88	0.26

Table 3. Juvenile and adult coral population density estimates of total scleractinians, five genera and three species for American Samoa 2015. Standard error and coefficient of variation (%CV) are also listed.

	Adults				Juveniles		
	Density (no. m ⁻²)	Std. error	% CV		Density (no. m ⁻²)	Std. error	% CV
Total scleractinians	13.353	0.620	4.64		4.059	0.302	7.45
<i>Acropora</i> spp. (all)	0.882	0.087	9.91		0.223	0.030	13.42
<i>Acropora</i> spp. (tabulate)	0.080	0.022	28.02				
<i>Isopora</i> spp.	0.420	0.121	28.80		0.035	0.020	57.91
<i>Montipora</i> spp.	3.469	0.212	6.10		0.988	0.091	9.26
<i>Pocillopora</i> spp.	0.802	0.067	8.40		0.221	0.028	12.62
<i>Porites</i> spp.	1.165	0.107	9.21		0.591	0.126	21.30
<i>A. myriophthalma</i>	0.421	0.067	15.88		0.032	0.009	27.12
<i>G. fascicularis</i>	0.899	0.283	31.48		0.156	0.108	69.46
<i>M. curta</i>	0.671	0.075	11.22		0.177	0.030	16.86

Table 4. Population estimates of partial mortality and prevalence of disease and bleaching for total scleractinians, five genera and three species from American Samoa 2015. Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

	Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Mean %	Std. error	Mean %	Std. error	Prevalence (%)	Std. error	Prevalence (%)	Std. error	Prevalence (%)	Std. error
Total scleractinians	11.21	0.42	0.650	0.047	0.513	0.077	0.308	0.050	5.47	0.61
<i>Acropora</i> spp. (all)	7.18	0.87	0.994	0.102	0.367	0.226	0.373	0.146	4.79	1.23
<i>Acropora</i> spp. (tabulate)	7.17	1.15	0.888	0.351	1.768	1.327	0.228	0.223	10.80	4.15
<i>Isopora</i> spp.	4.58	0.77	0.257	0.054	1.077	0.474	0.000	0.000	28.34	8.58
<i>Montipora</i> spp.	10.95	0.73	0.593	0.102	1.050	0.206	0.109	0.057	1.29	0.21
<i>Pocillopora</i> spp.	8.80	0.98	0.707	0.090	0.655	0.224	0.111	0.047	6.36	0.91
<i>Porites</i> spp.	12.49	0.93	0.488	0.094	0.685	0.303	0.825	0.203	6.34	1.81
<i>A. myriophthalma</i>	5.98	0.85	0.121	0.019	0.143	0.118	0.420	0.253	3.13	1.66
<i>G. fascicularis</i>	3.91	0.37	0.078	0.030	0.000	0.000	0.056	0.056	4.90	3.78
<i>M. curta</i>	12.31	1.11	0.525	0.071	0.299	0.198	0.579	0.359	19.03	5.75

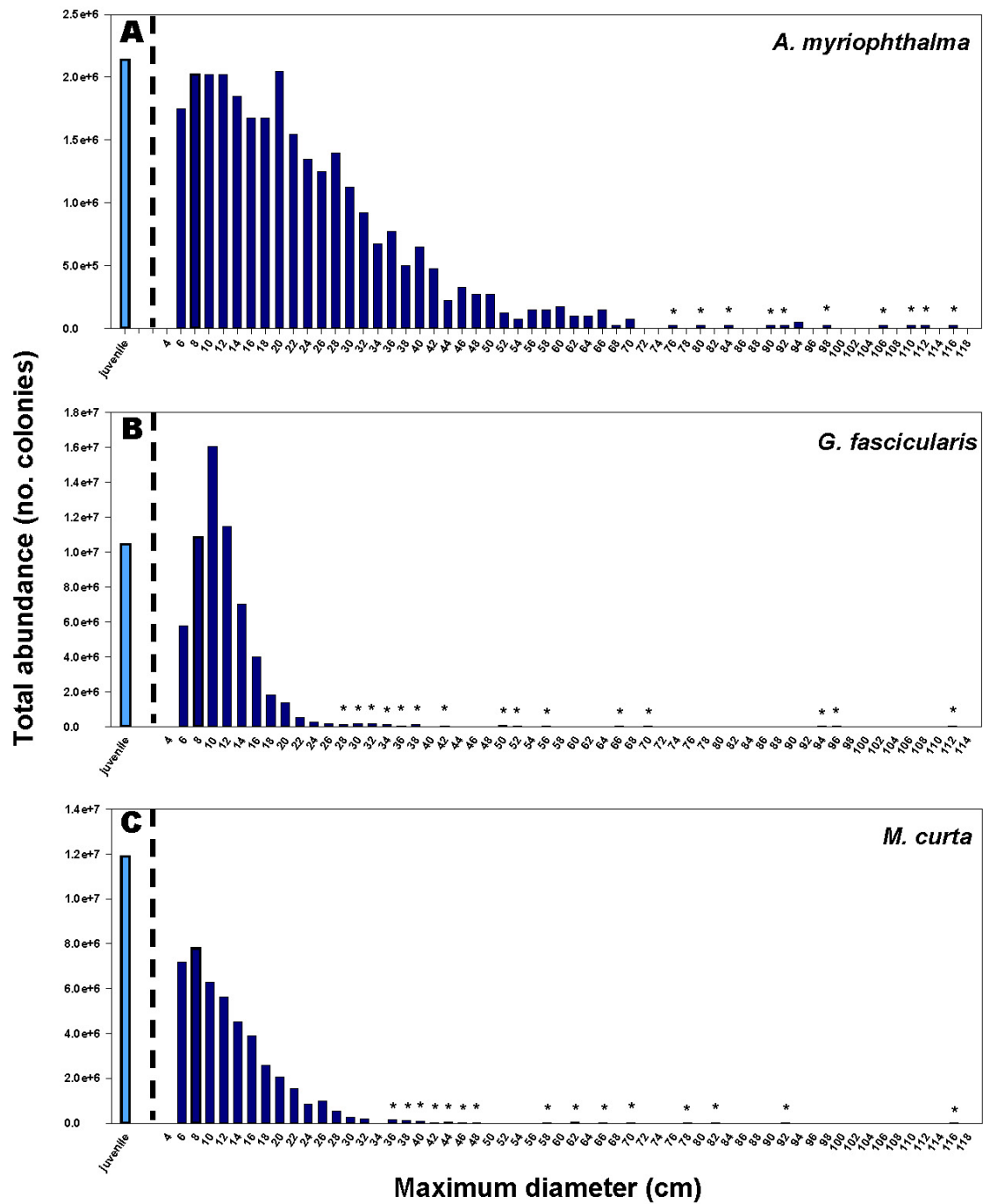


Figure 2. Adult population size structure (dark blue bars) as total number of colonies within two centimeter size classes and juvenile population abundance (light blue bars) for three coral species in American Samoa 2015: (A) *A. myriophthalma*, (B) *G. fascicularis*, and (C) *M. curta*. Stars denote size classes with low abundance.

BENTHIC: ISLAND AND STRATA ESTIMATES

The following section reports island-scale and stratum-specific estimates in the same manner for each island except Tutuila. Estimates for Tutuila are reported for the island, four sectors, four sanctuary areas, and strata. Reported formats included are: 1) benthic maps depicting strata estimates of adult and juvenile coral density for total scleractinians, *Montipora* spp. and *Montastraea curta*; 2) bar graphs that display strata estimates of adult and juvenile coral density and standard error for total scleractinians, *Montipora* spp. and *Montastraea curta*; The following are reported in the Appendix:

- (1) Island-level estimates of juvenile and adult density, standard error and coefficient of variation (%CV), partial mortality and prevalence of disease and bleaching for total scleractinians, genera and selected species.
- (2) Stratum-specific adult size distributions with juvenile density of three species: *A. myriophthalma*, *G. facicularis*, and *M. curta*.
- (3) Stratum-level estimates of adult and juvenile coral density, partial mortality, and condition prevalence estimates with standard errors for total scleractinians, genera, and selected species.

All partial mortality estimates are reported as mean % of the colony affected for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

Ofu & Olosega

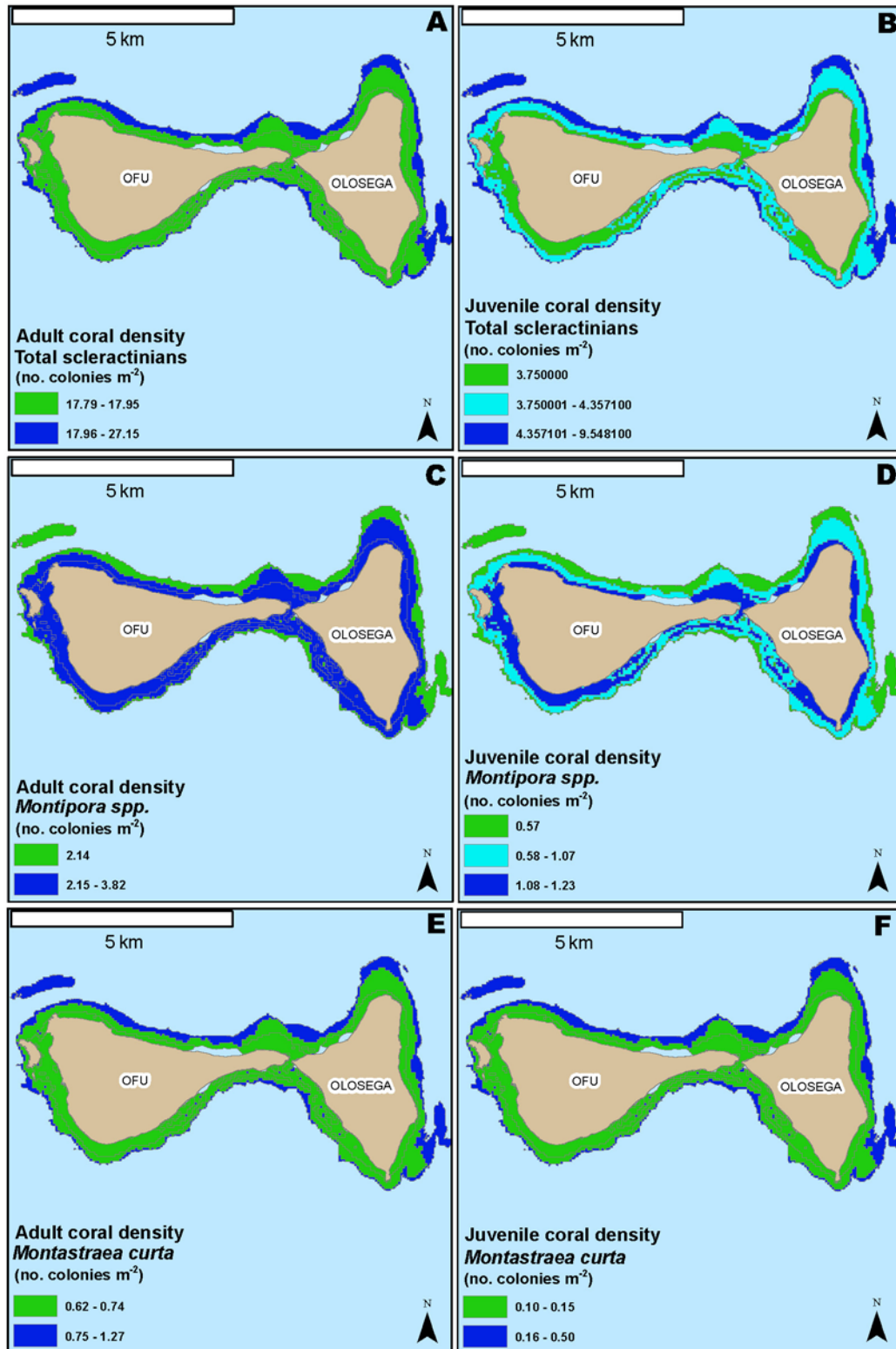


Figure 3. Benthic maps of Ofu and Olosega which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). Density ranges are indicated in the legend of each map.

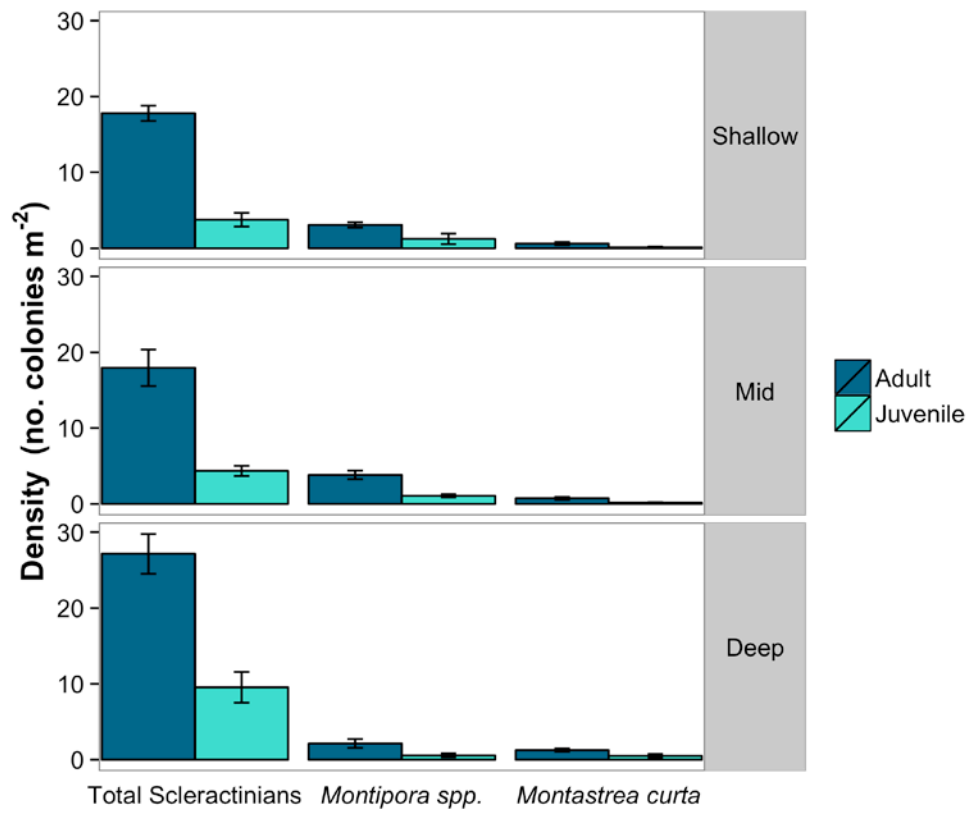


Figure 4. Mean density of adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) for total scleractinians, *Montipora* spp. and *M. curta* on Ofu & Olosega 2015.

Rose Atoll

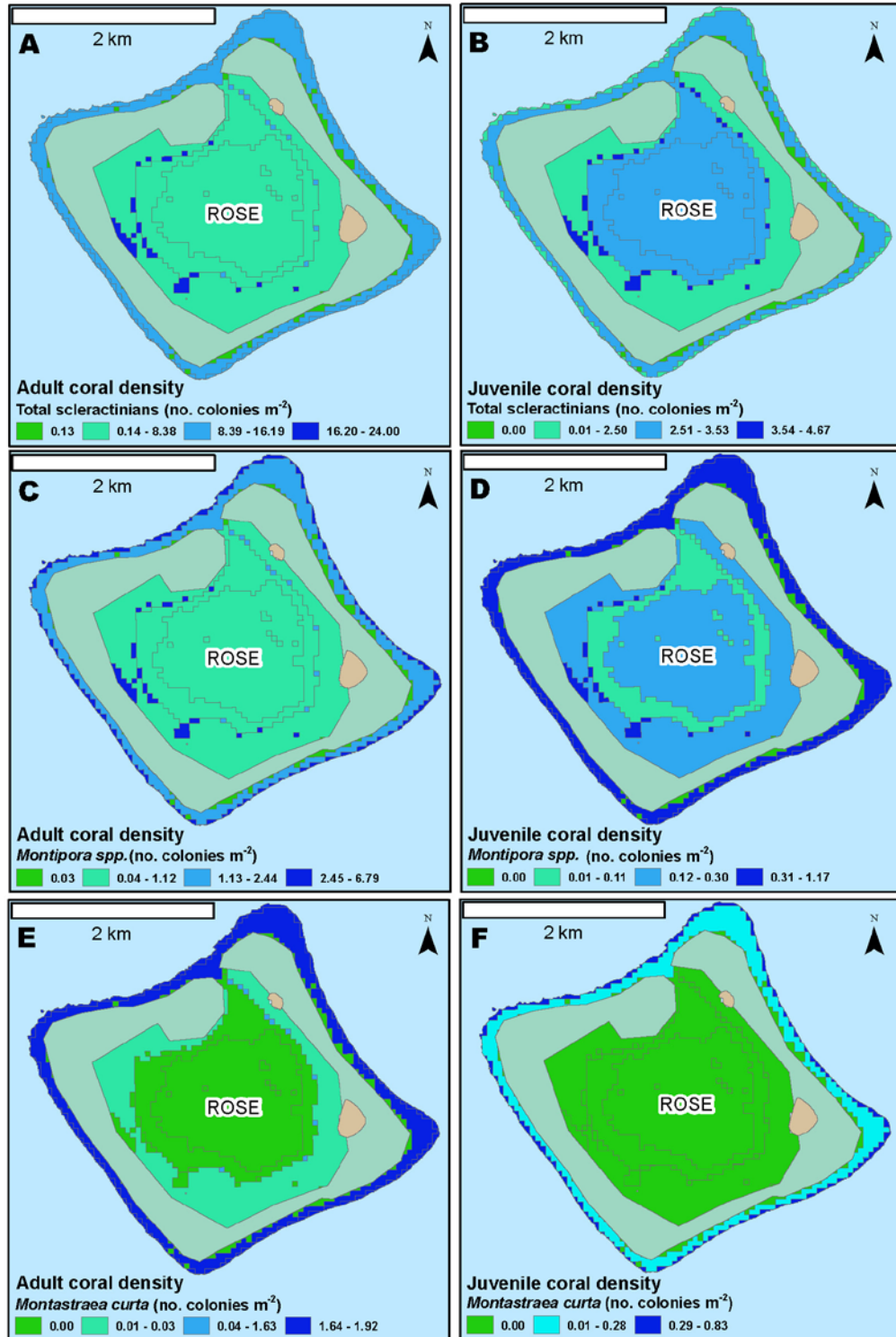


Figure 5. Benthic maps of Rose Atoll which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

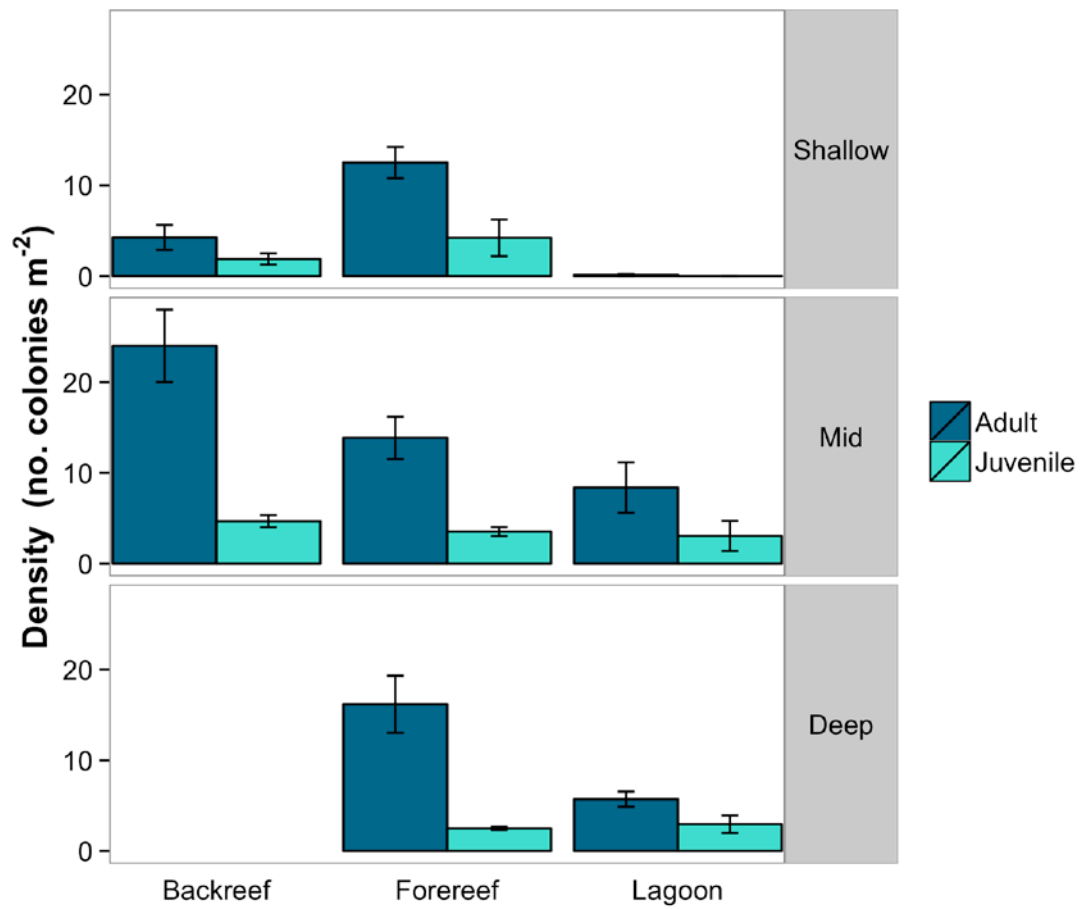


Figure 6. Mean density of total scleractinian adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) on Rose Atoll 2015.

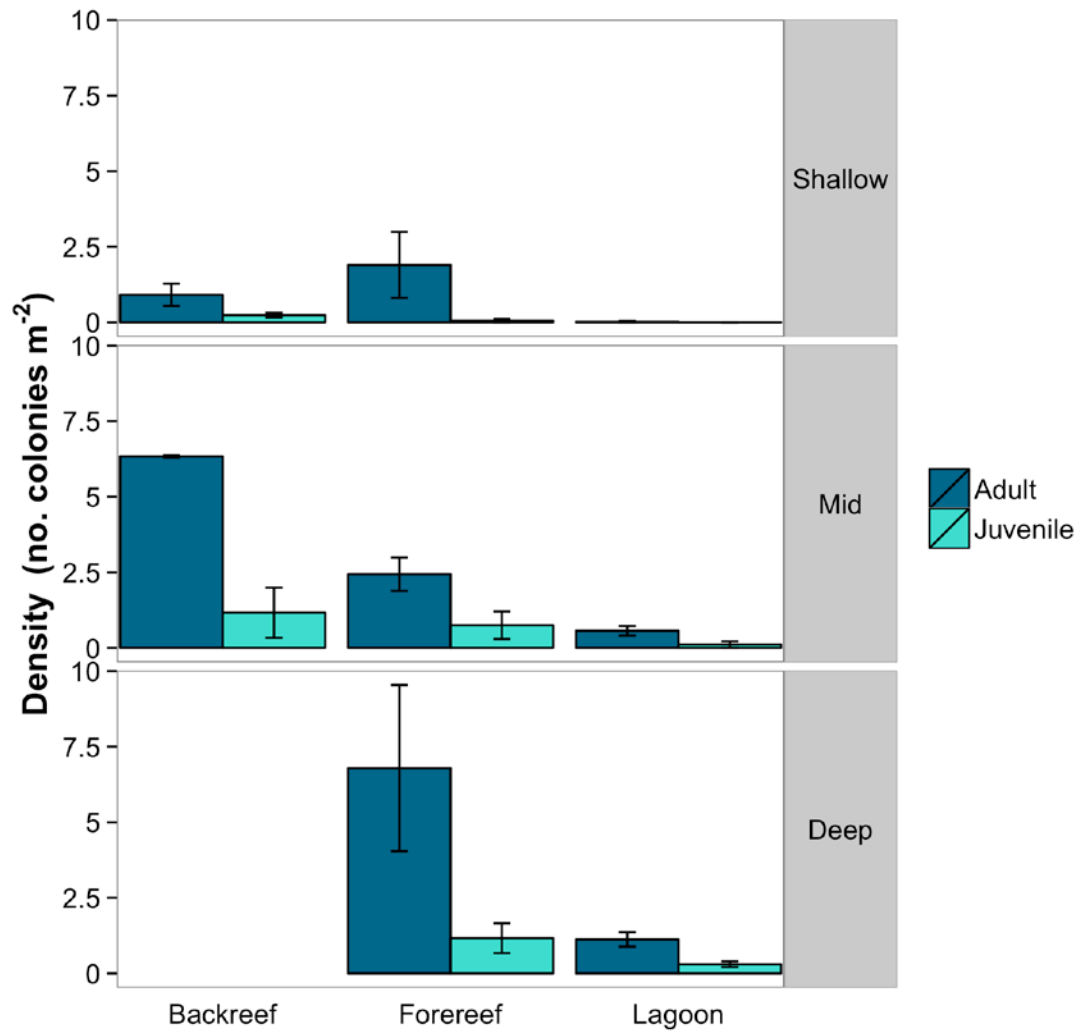


Figure 7. Mean density of *Montipora* spp. adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) on Rose Atoll 2015.

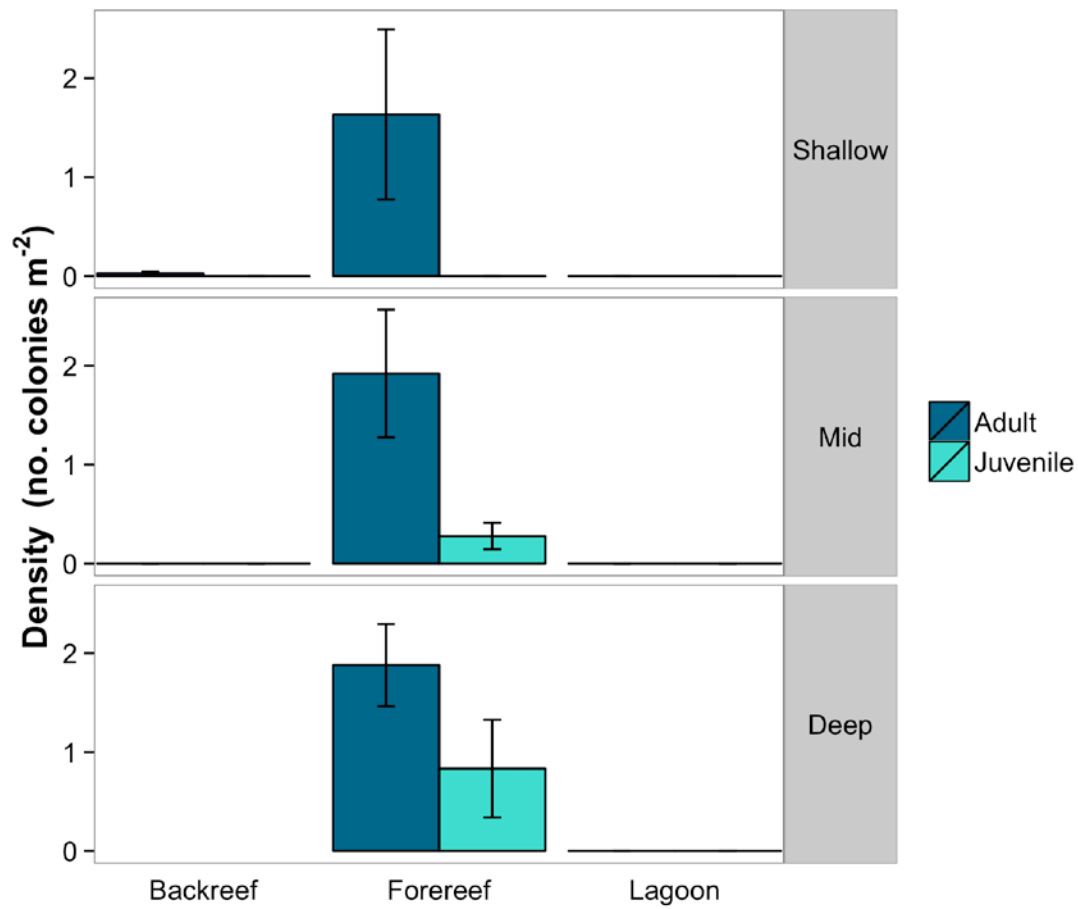


Figure 8. Mean density of *M. curta* adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) on Rose Atoll 2015.

Swains

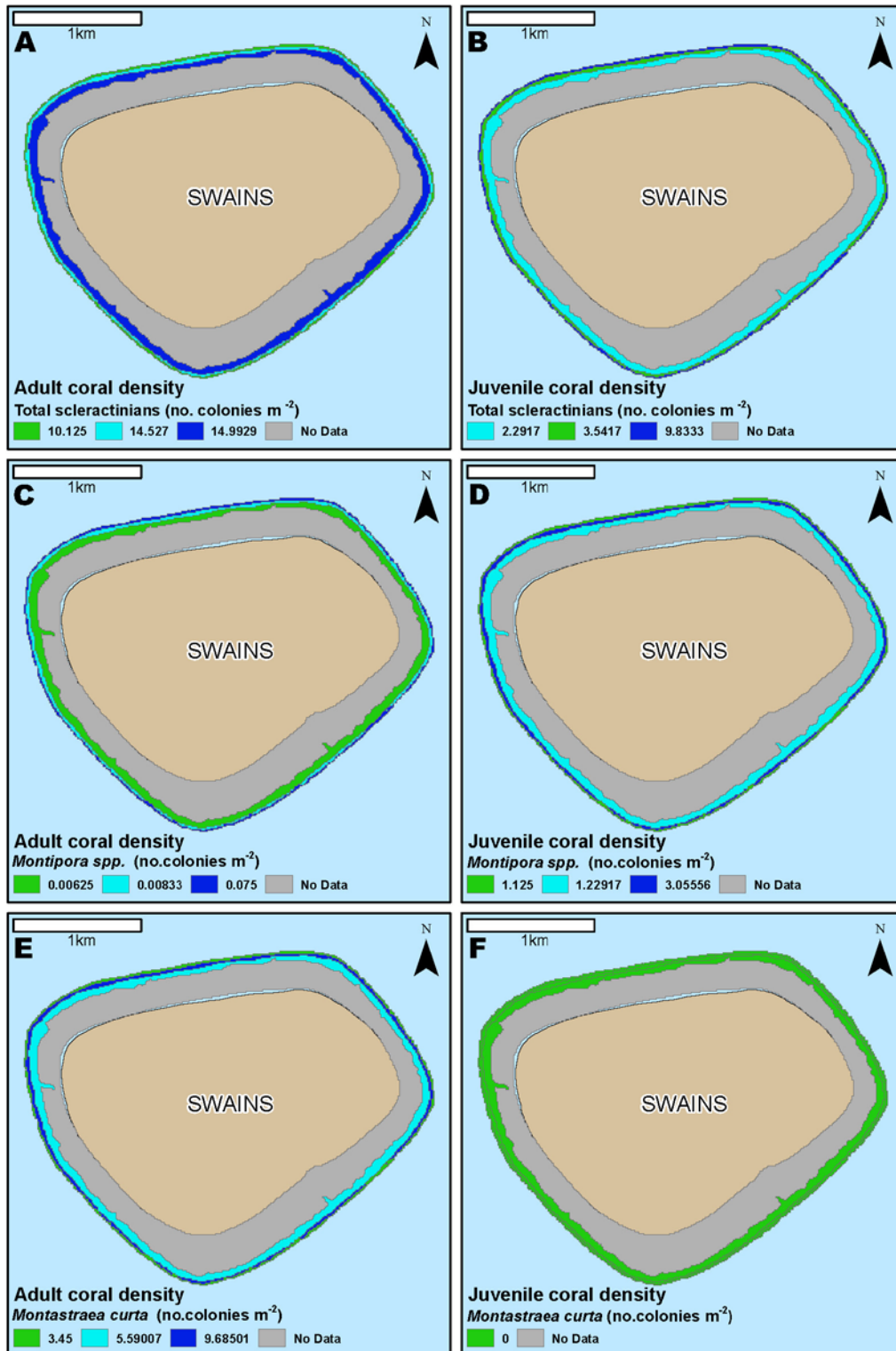


Figure 9. Benthic maps of Swains which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

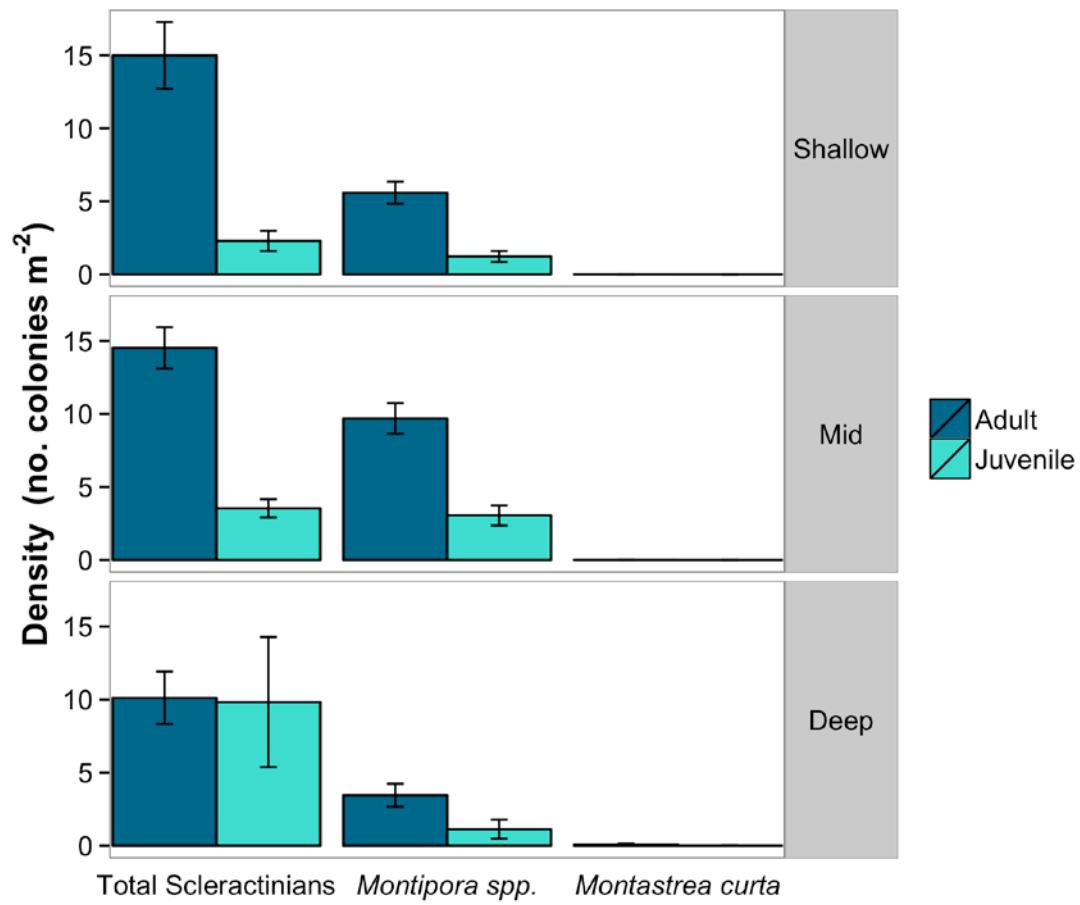


Figure 10. Mean density of adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (>18–30 m) for total scleractinians, *Montipora* spp. and *M. curta* on Swains 2015.

Ta'u

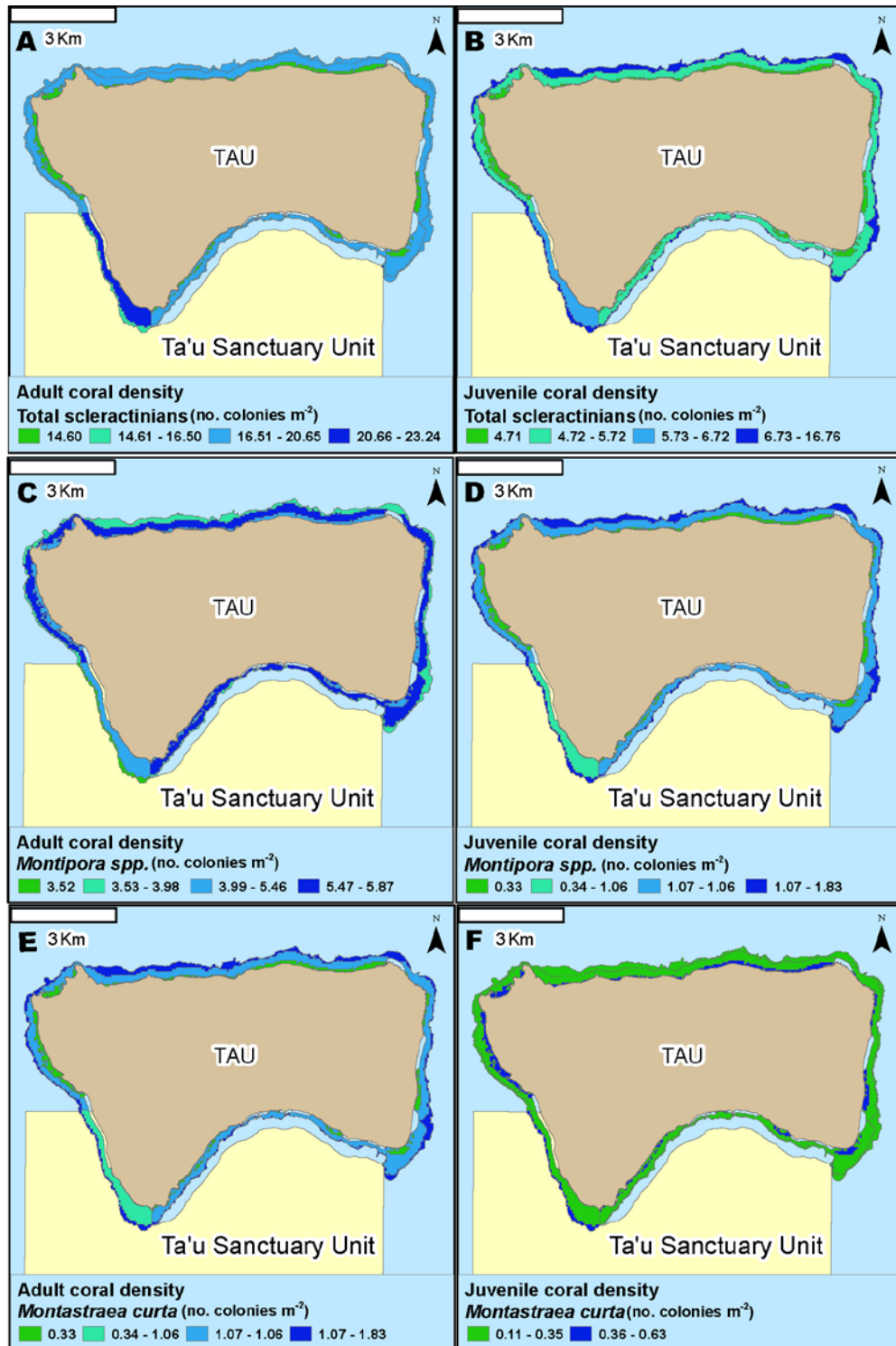


Figure 11. Benthic maps of Ta'u which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

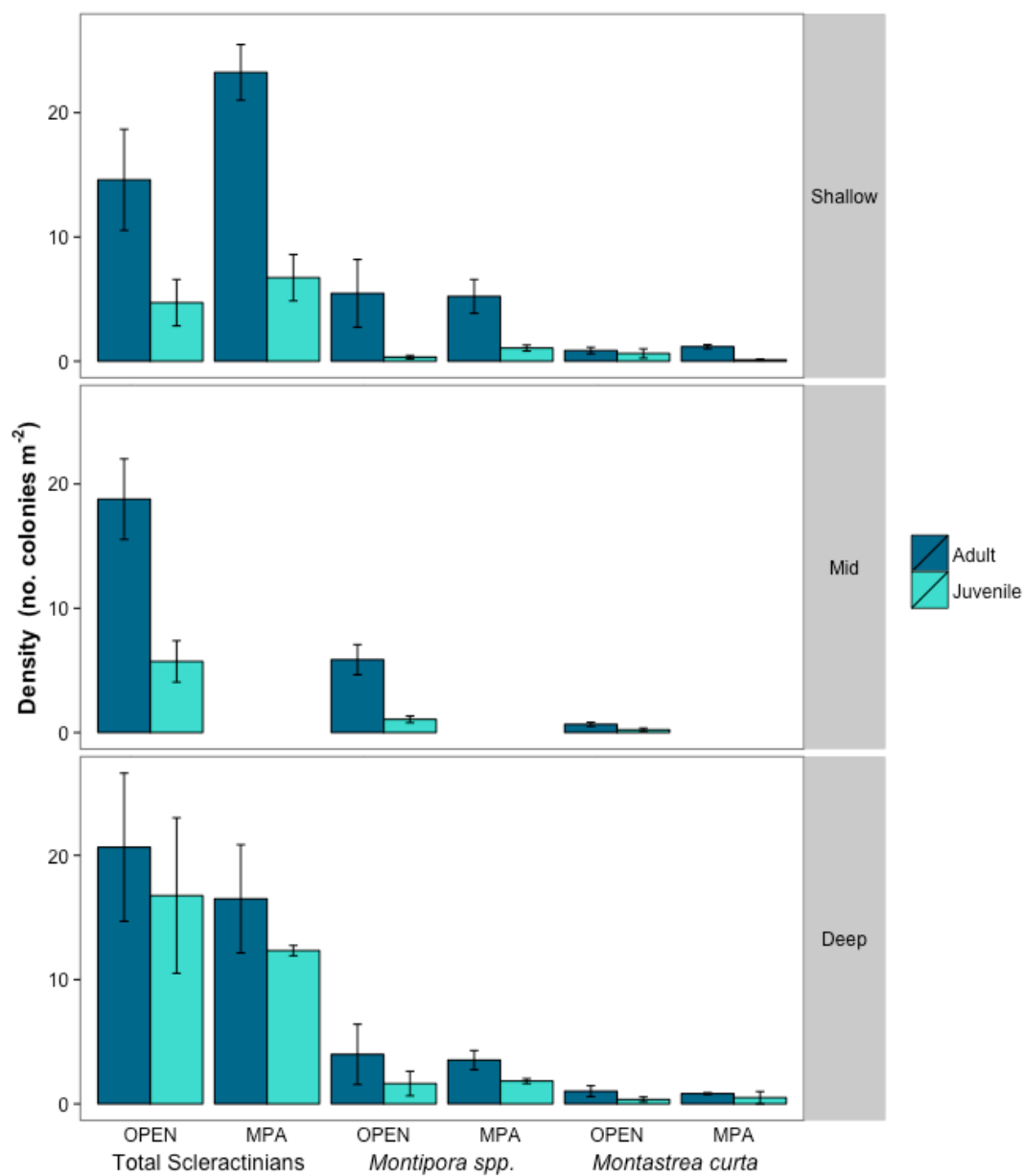


Figure 12. Mean density of adult (dark) and juvenile (light) coral colonies (\pm standard error) within open and sanctuary areas (MPA) and three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (>18–30 m) for total scleractinians, *Montipora* spp. and *M. curta* on Ta'u 2015.

Tutuila

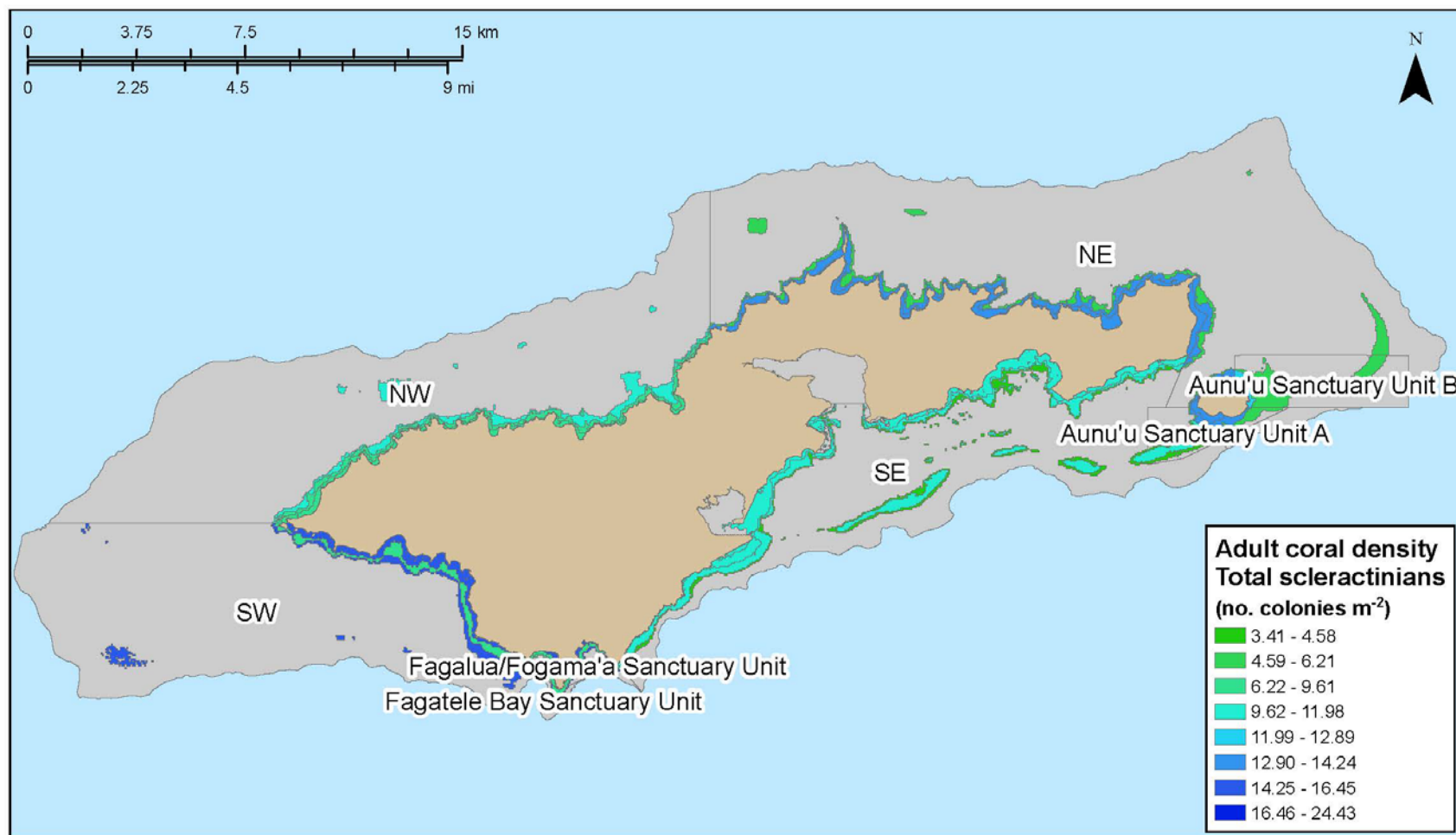


Figure 13. Benthic maps of Tutuila which display stratum-specific mean density (no. m⁻²) within each sector of total scleractinian adults corals. The density range is indicated in the legend.

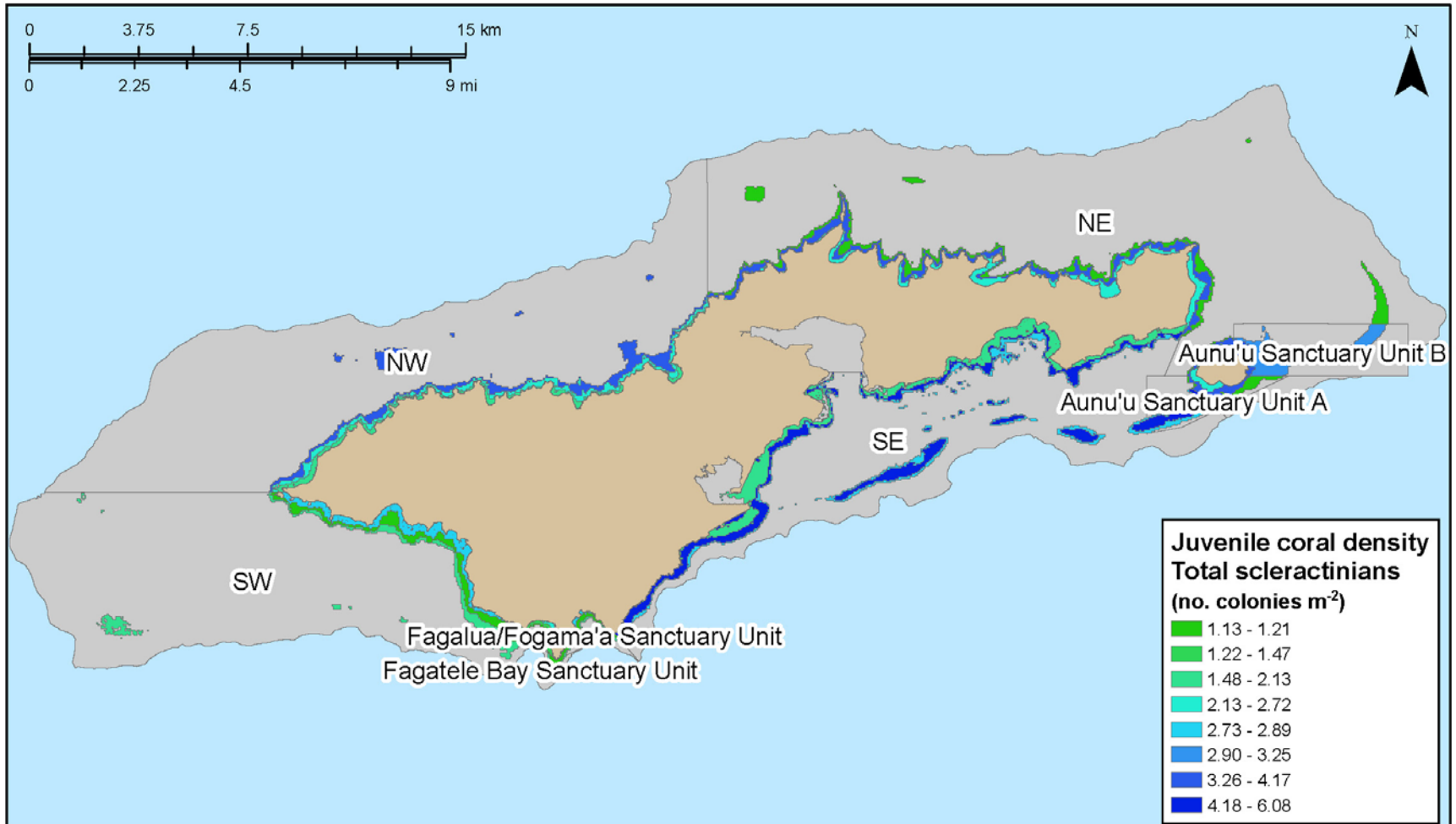


Figure 14. Benthic maps of Tutuila which display stratum-specific mean density (no. m⁻²) within each sector of total scleractinian juvenile corals. The density range is indicated in the legend.

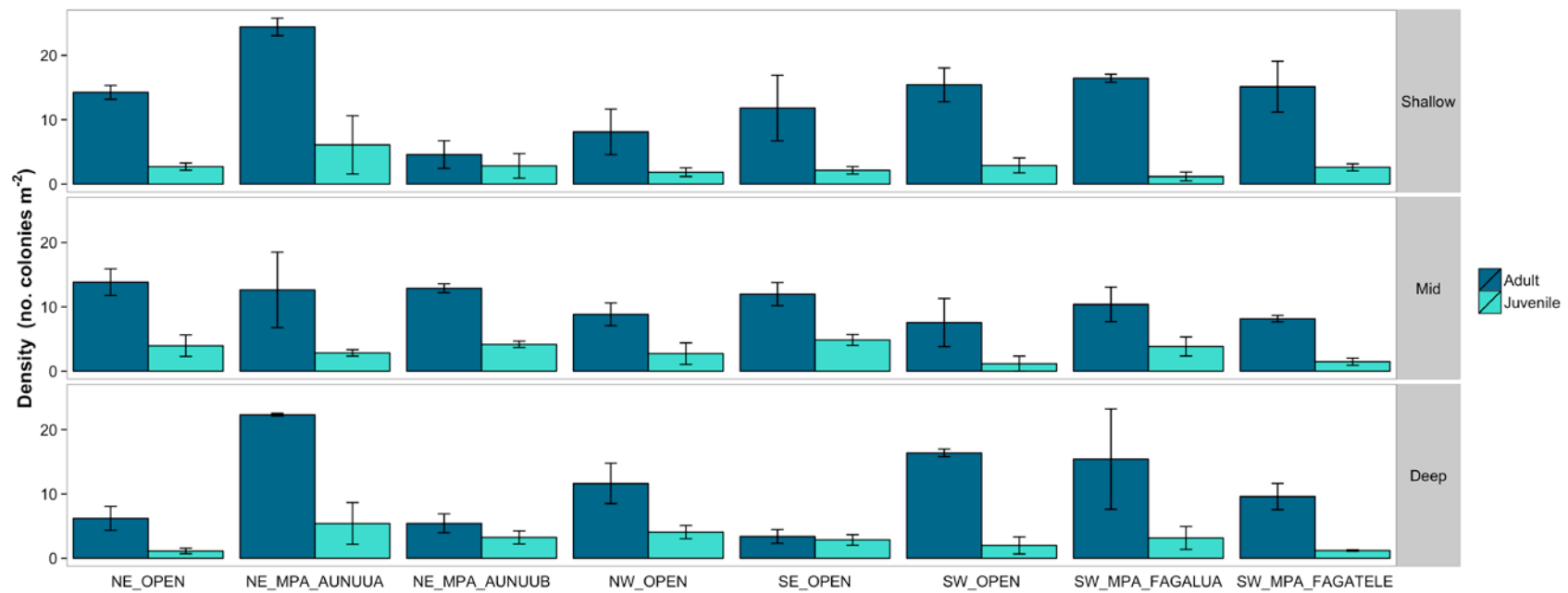


Figure 15. Mean density of total scleractinian adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) and across sectors and sanctuary area on Tutuila 2015.

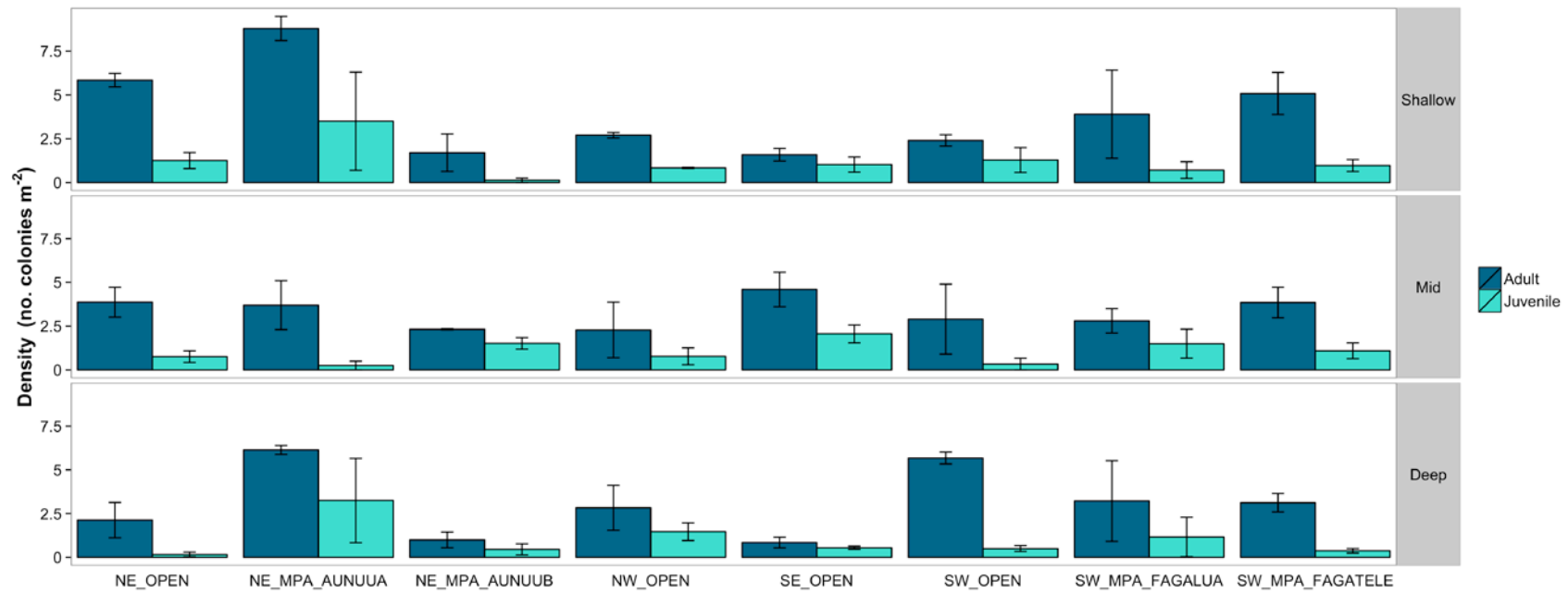


Figure 16. Mean density of *Montipora* spp. adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) and across sectors and sanctuary area on Tutuila 2015.

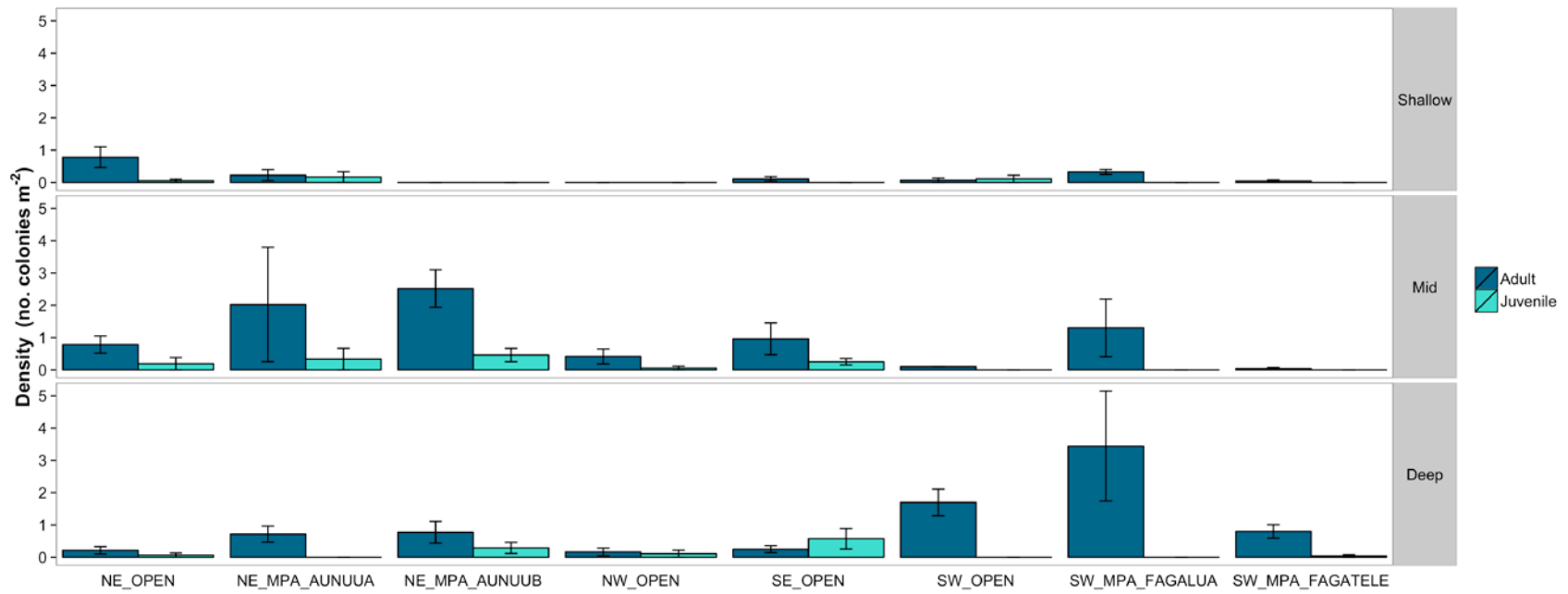


Figure 17. MCUR Mean density of *Montipora* spp. adult (dark) and juvenile (light) coral colonies (\pm standard error) within three depth categories: shallow (0–6 m), mid (> 6–18 m), and deep (> 18–30 m) and across sectors and sanctuary area on Tutuila 2015.

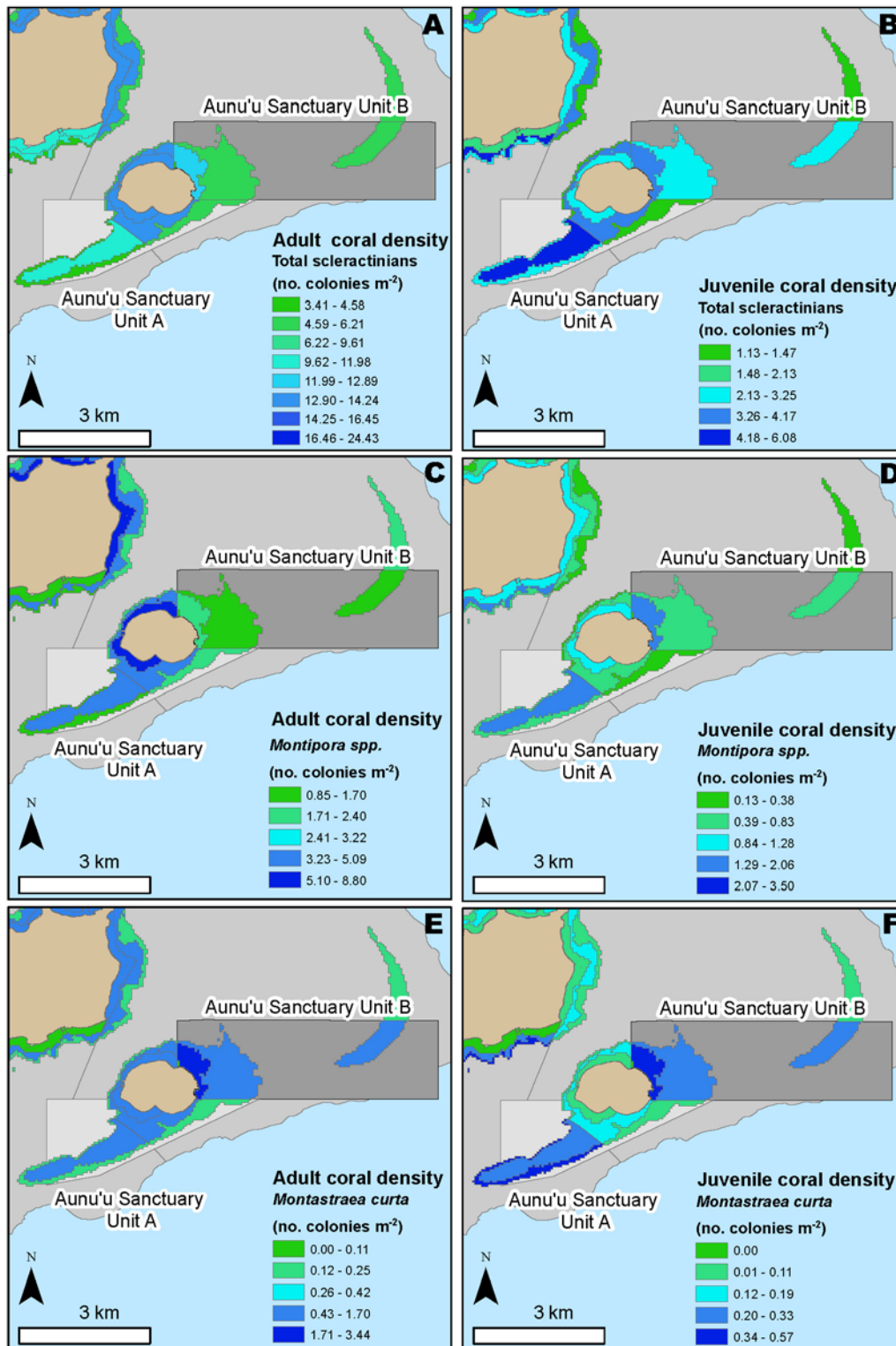


Figure 18. Benthic maps of Aunu'u A and B sanctuary areas within the NE sector of Tutuila which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

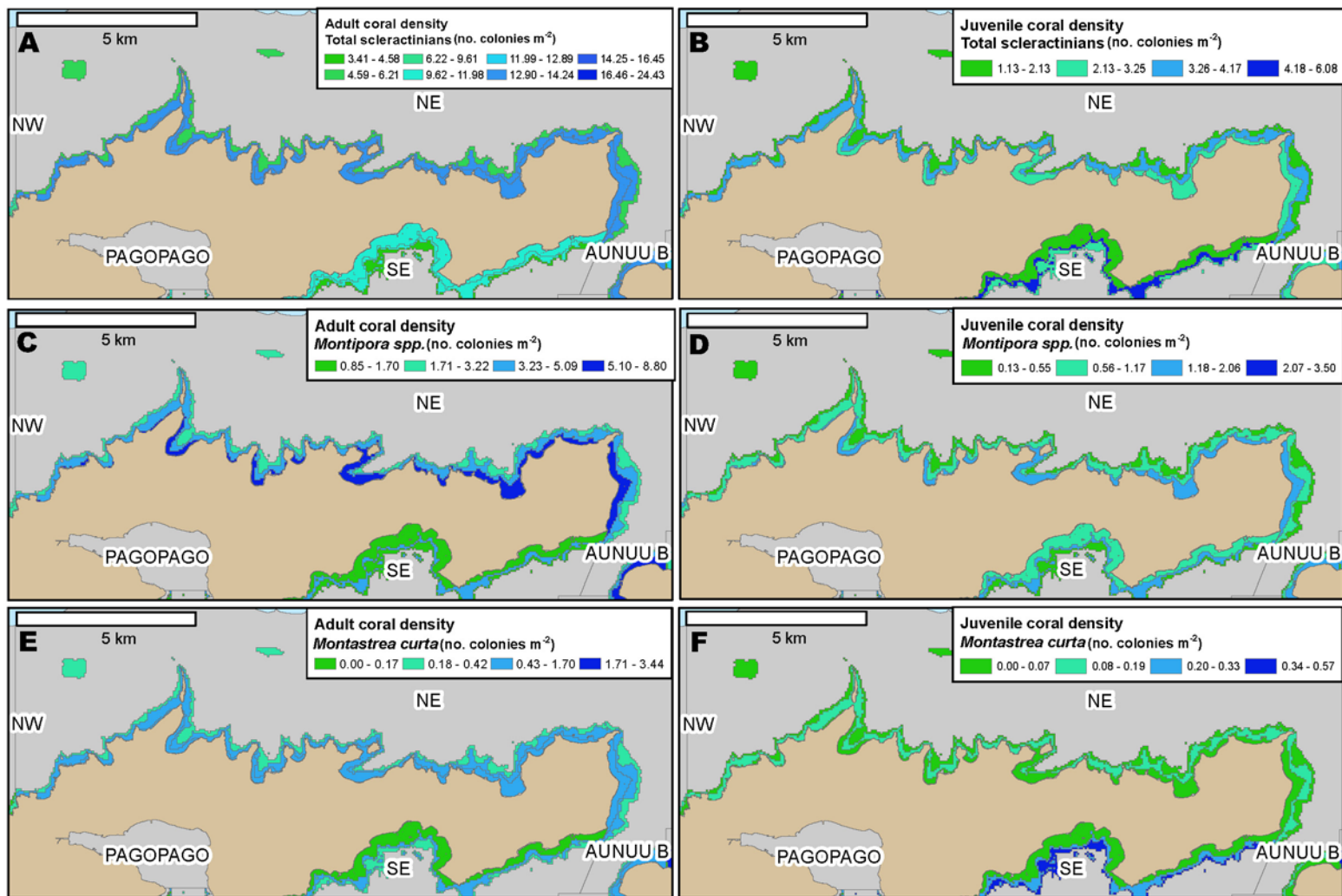


Figure 19. Benthic maps of the NE sector of Tutuila which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

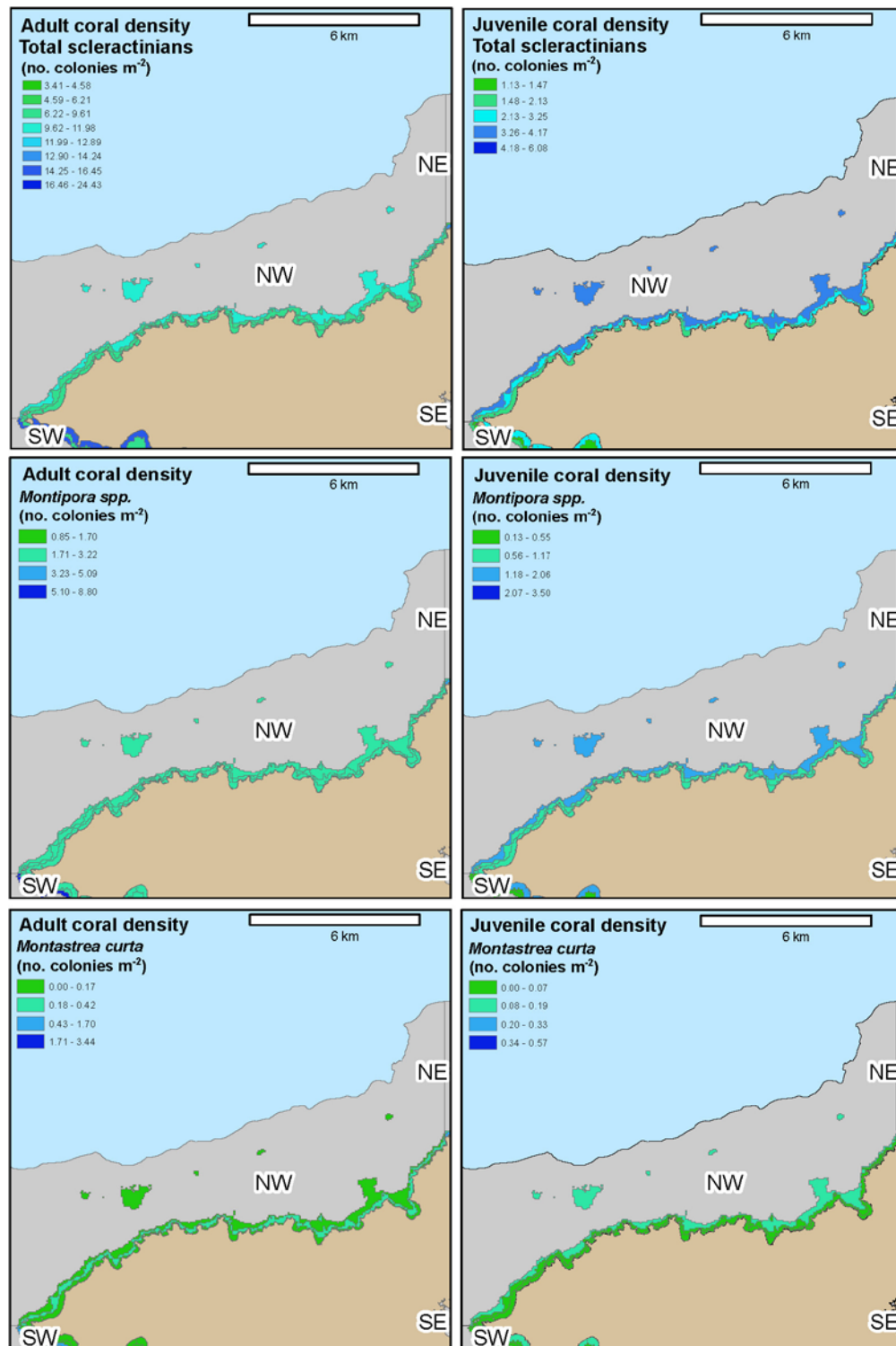


Figure 20. Benthic maps of the NW sector of Tutuila which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

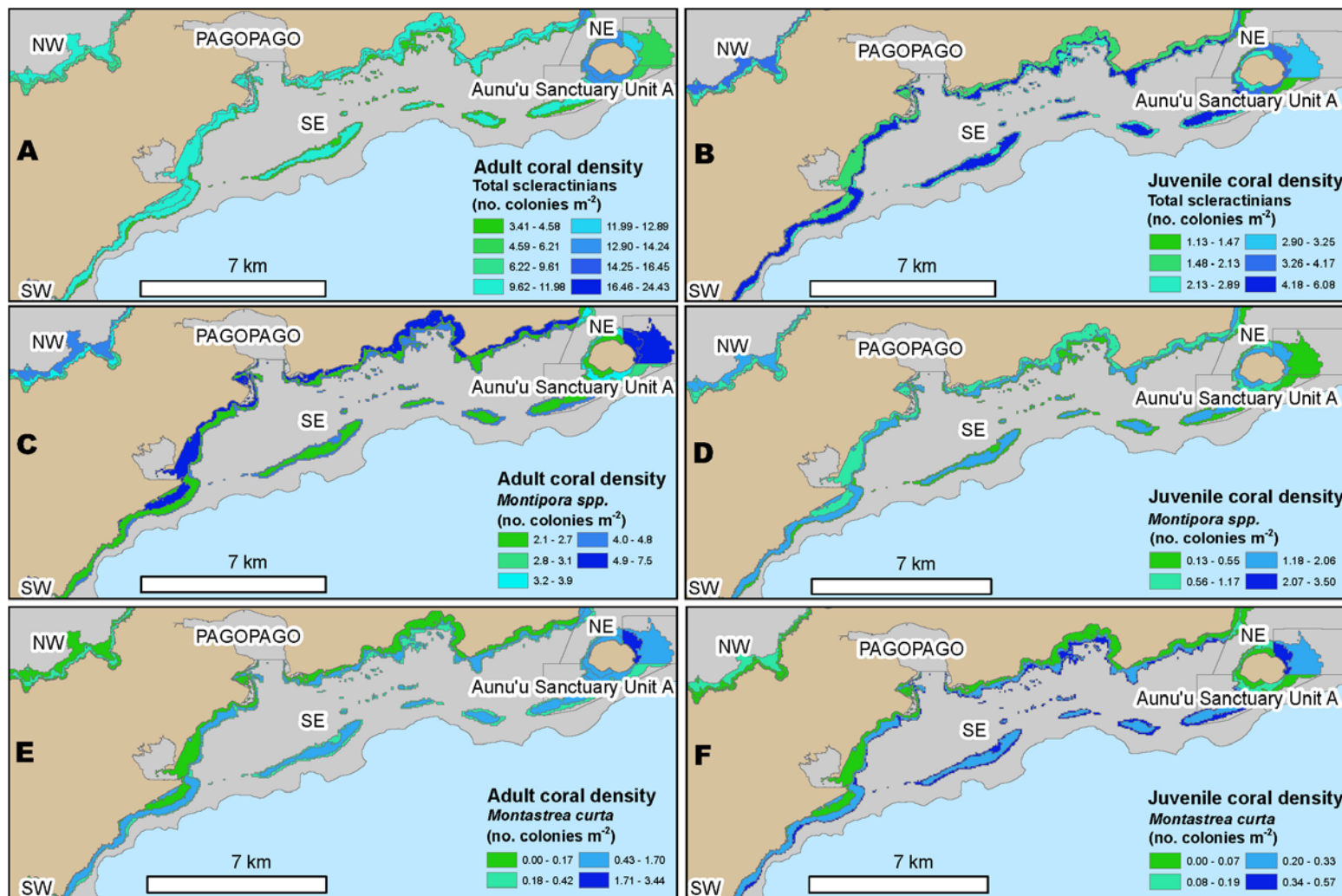


Figure 21. Benthic maps of the SE sector of Tutuila which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

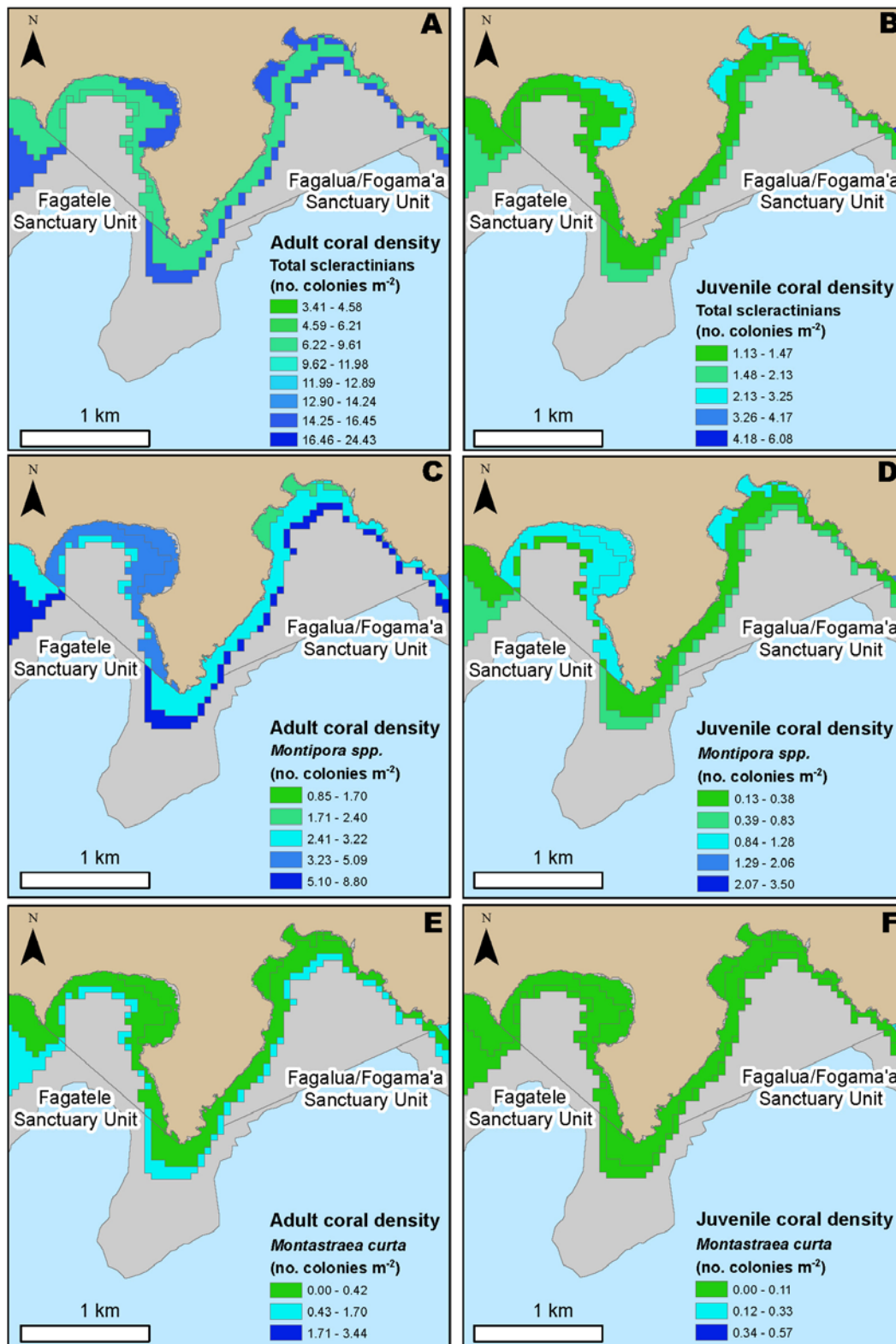


Figure 22. Benthic maps of the Fagatele and Fagaluva sanctuary areas within the SW sector of Tutuila which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

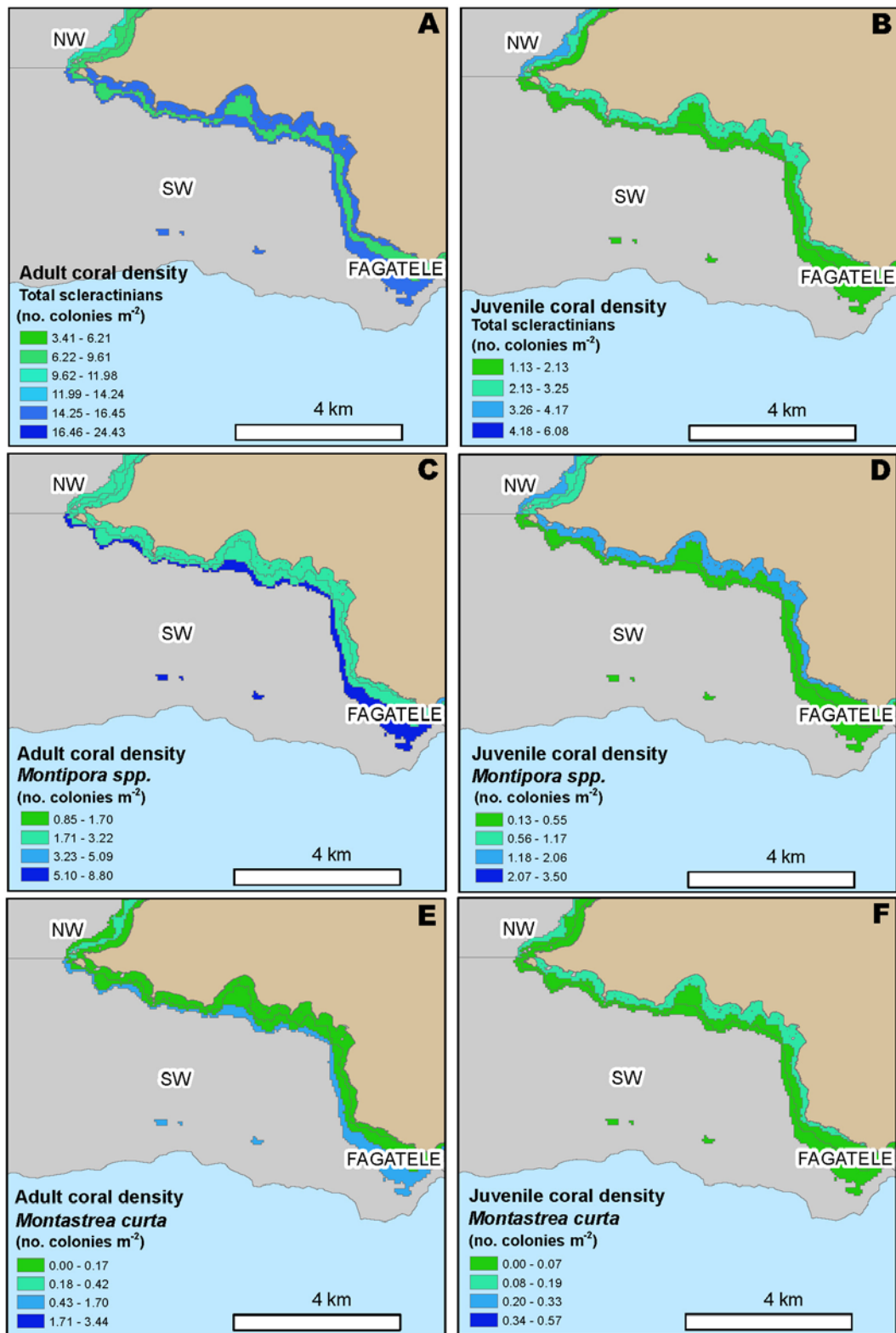


Figure 23. Benthic maps of the SW sector of Tutuila which display stratum-specific mean density (no. m⁻²) of total scleractinians adults (A) and juveniles (B), *Montipora* spp. adults (C) and juveniles (D), and *M. curta* adults (E) and juveniles (F). The density ranges are indicated in the legend of each map.

OCEAN AND CLIMATE CHANGE SURVEYS

A total of 45 temperatures loggers were recovered, 120 water samples taken, and 149 CAU units recovered between February 15 and March 30, 2015 (see Appendix).

The following maps and figures provide island and site level summaries for temperature since 2010, aragonite saturation state in 2015, and reef calcification rate between 2012 and 2015.

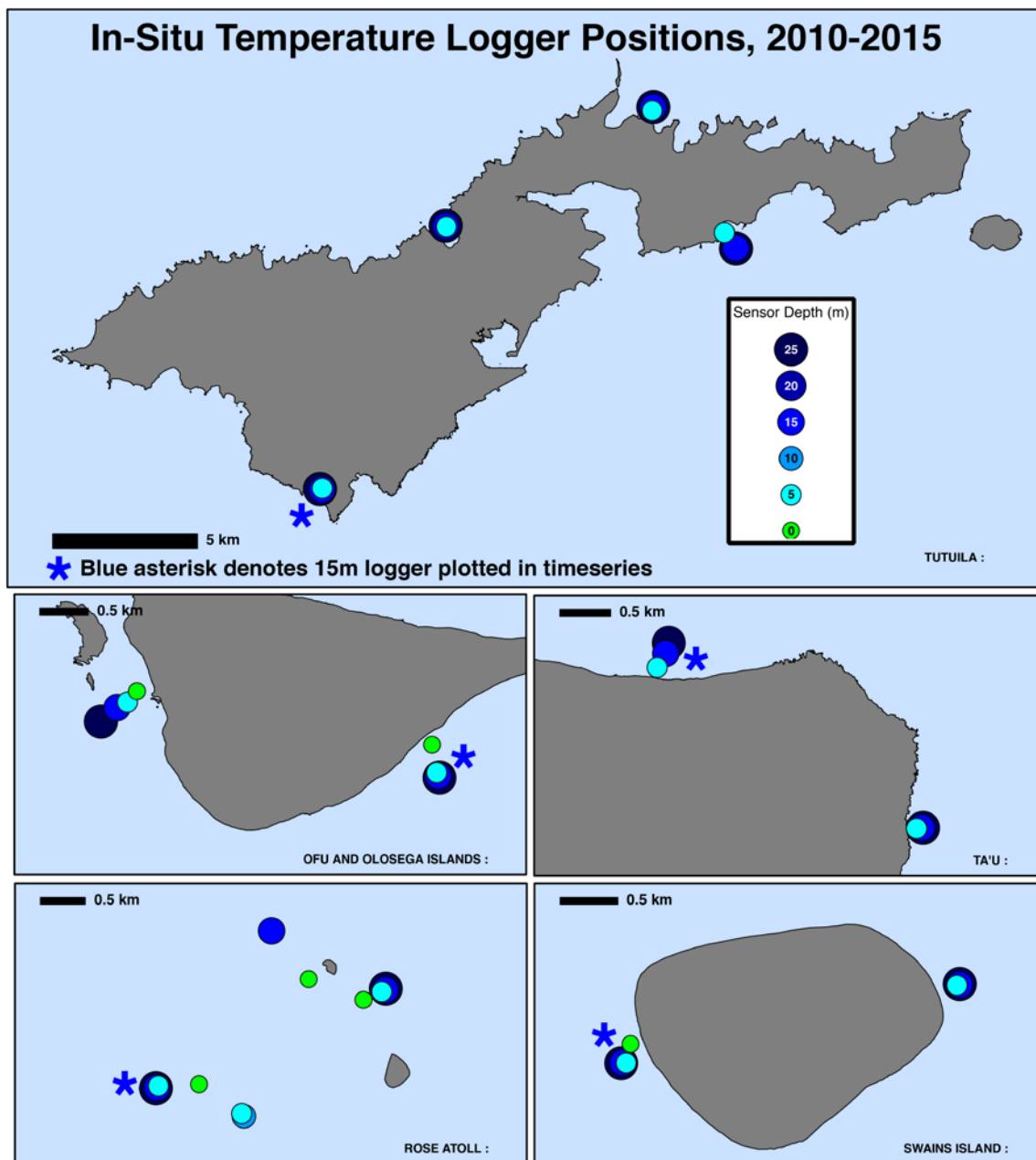


Figure 24. Depths and Positions of Temperature Loggers maintained by CREP in American Samoa.

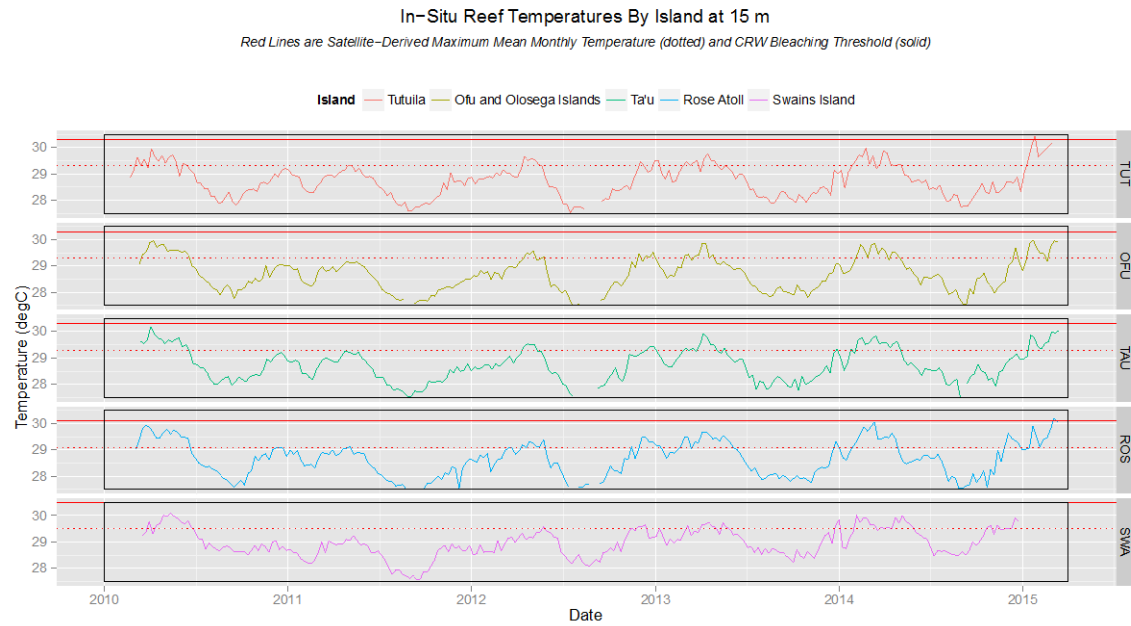


Figure 25. Time series of representative subsurface temperature recorders at 15 m from 2010 to 2015. Highlighted in map with *.

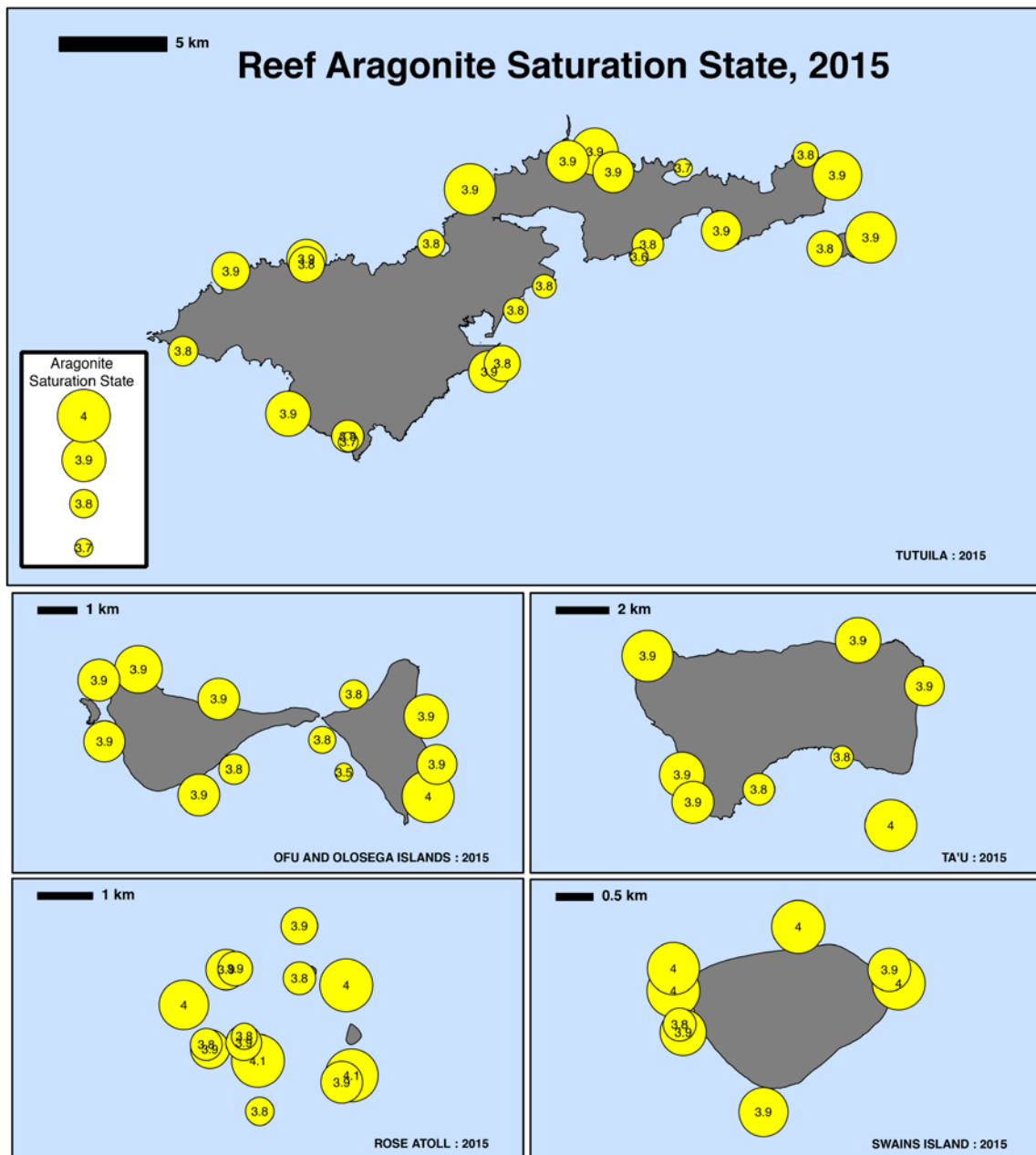


Figure 26. Site-level aragonite saturation state data collected by CREP in 2015.

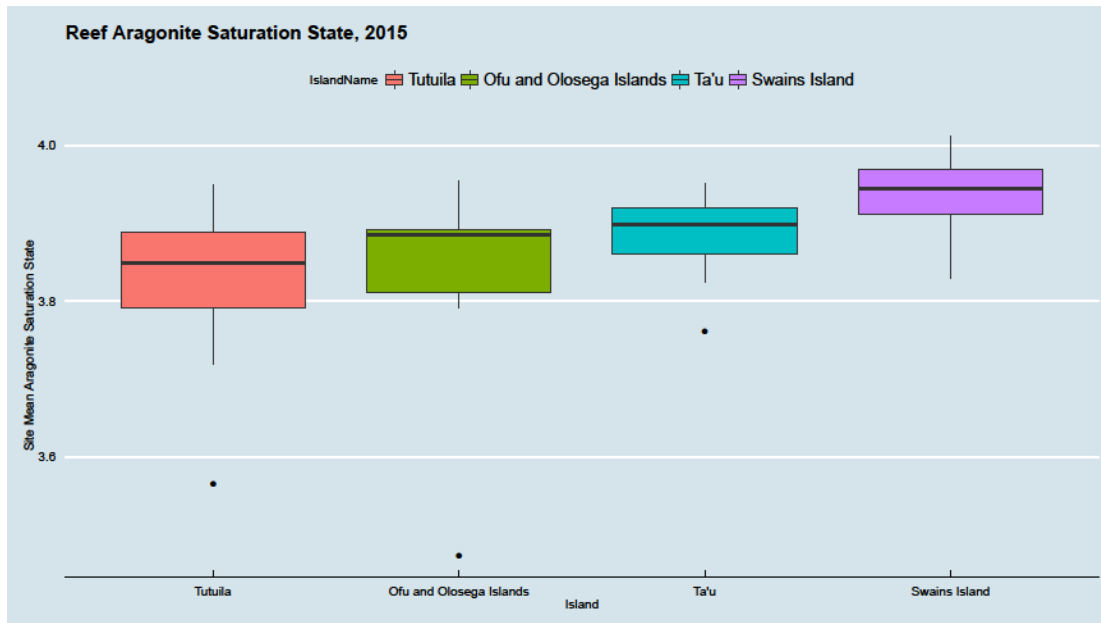


Figure 27. Box plot showing island level summaries of reef aragonite saturation state for water samples taken in 2015.

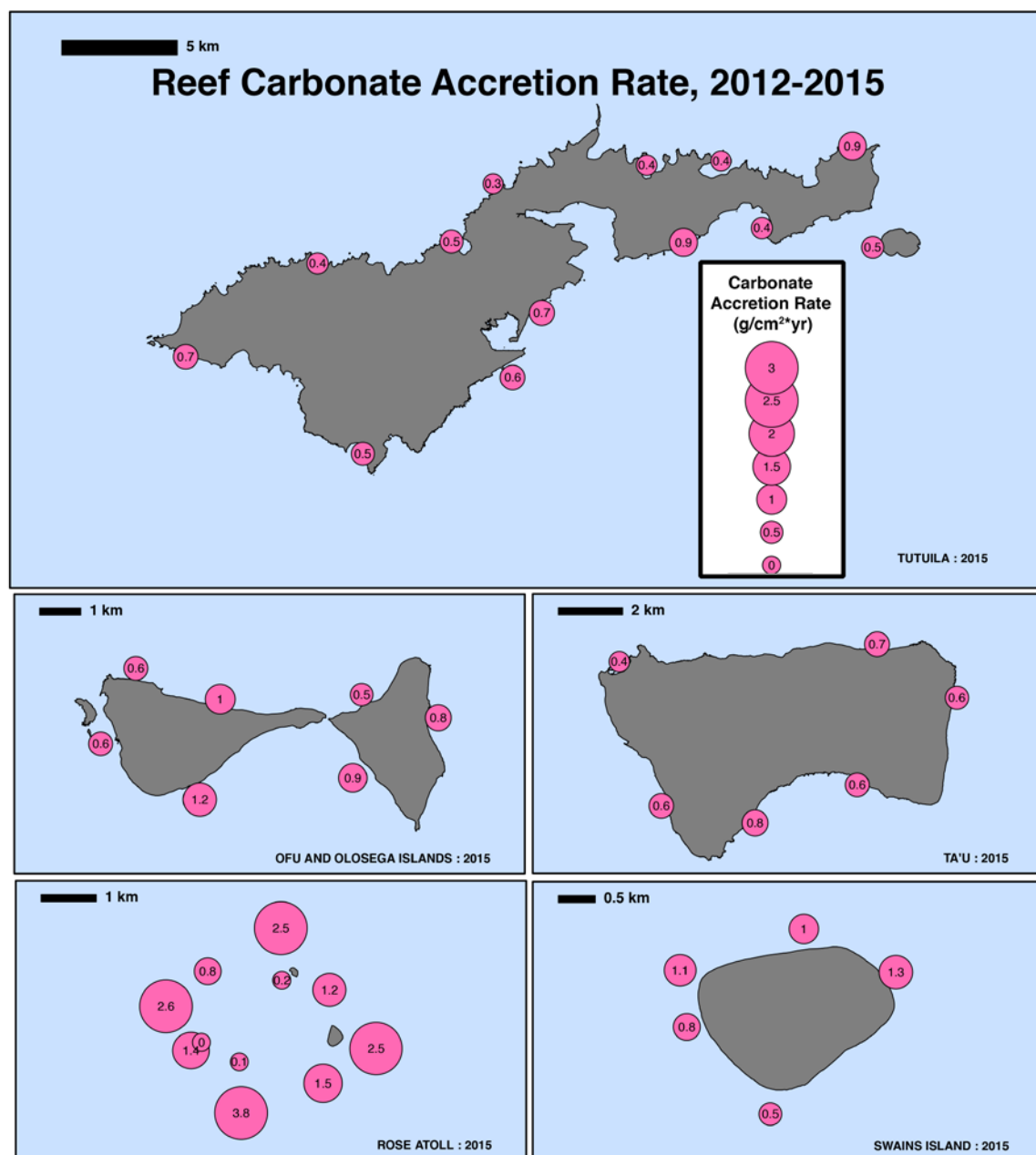


Figure 28. Site-level carbonate accretion rate data collected by CREP in 2015.

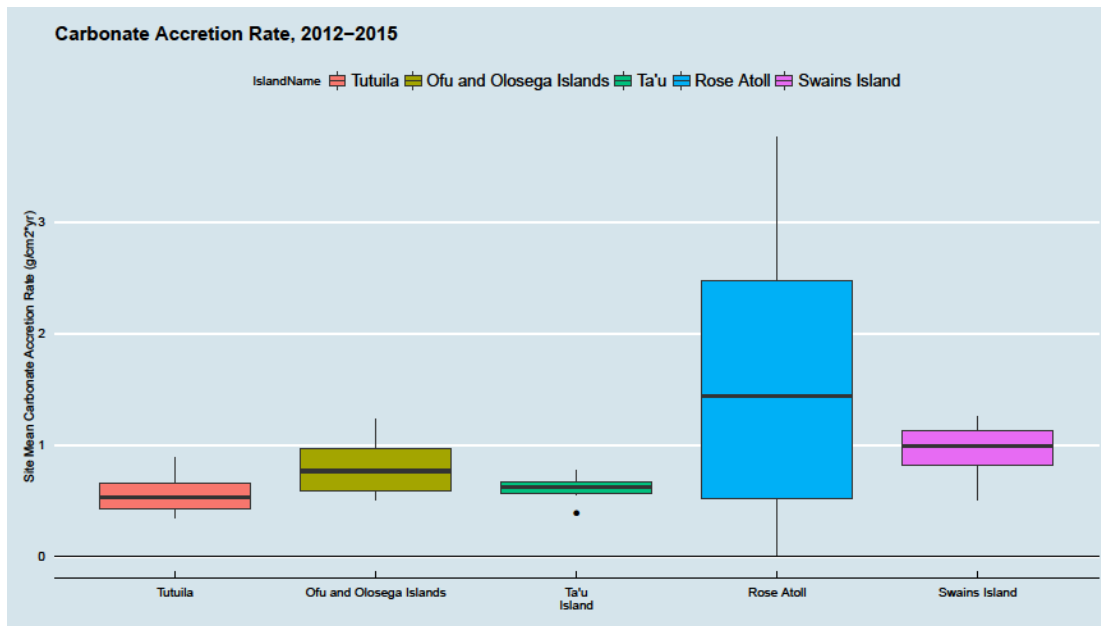


Figure 29: Box plot showing island level carbonate accretion rate (g/cm²yr) for all CAU sites deployed between 2012 and 2015.

FISH SURVEYS

Fish surveys were conducted between February 15 and March 30, 2015. During this time, researchers conducted a total of 325 fish surveys across 8 reporting units: Rose Sanctuary, Swains Sanctuary, Aunuu B, Fagatele Sanctuary, Tau, Ofu & Olosega, Rose Inside Crest, and Tutuila (Table 5). Furthermore, Tutuila is broken down into sectors (Fig. 30).

Table 5. Summary of fish surveys for the sanctuary and non-sanctuary reporting units visited during the American Samoa Reef Assessment and Monitoring Program 2015.

Area	Dates Visited	# of Surveys
SANCTUARY UNITS		
ROSE SANCTUARY	MAR 16-19	37
SWAINS SANCTUARY	FEB 15; FEB 18-20	23
AUNUU B	FEB 28; MAR 03; MAR 28-29	27
FAGATELE	FEB 17; MAR 05-07; MAR 30	27
NON-SANCTUARY UNITS		
TAU	MAR 15; MAR 20; MAR 23-24	43
OFU & OLOSEGA	MAR 13-14; MAR 21; MAR 25-26	52
ROSE INSIDE CREST	MAR 17-18	10
NE TUTUILA	FEB 27-28; MAR 03- 04; MAR 28-29	24
NW TUTUILA	MAR 01; MAR 04	18
SE TUTUILA	FEB 26; FEB 28; MAR 02-03; MAR 07; MAR 12; MAR 27; MAR 30	49
SW TUTUILA	MAR 05-06; MAR 27	15

Fish biomass density for each of the reporting units described above are reported in two formats: (1) site-level bubble maps by island and (2) comparative bar graphs displaying pooled-up information at the level of each reporting unit. For the comparative bar graphs, we divide Tutuila into four sectors (NE NW, SE, and SW) as shown in Figure 30.

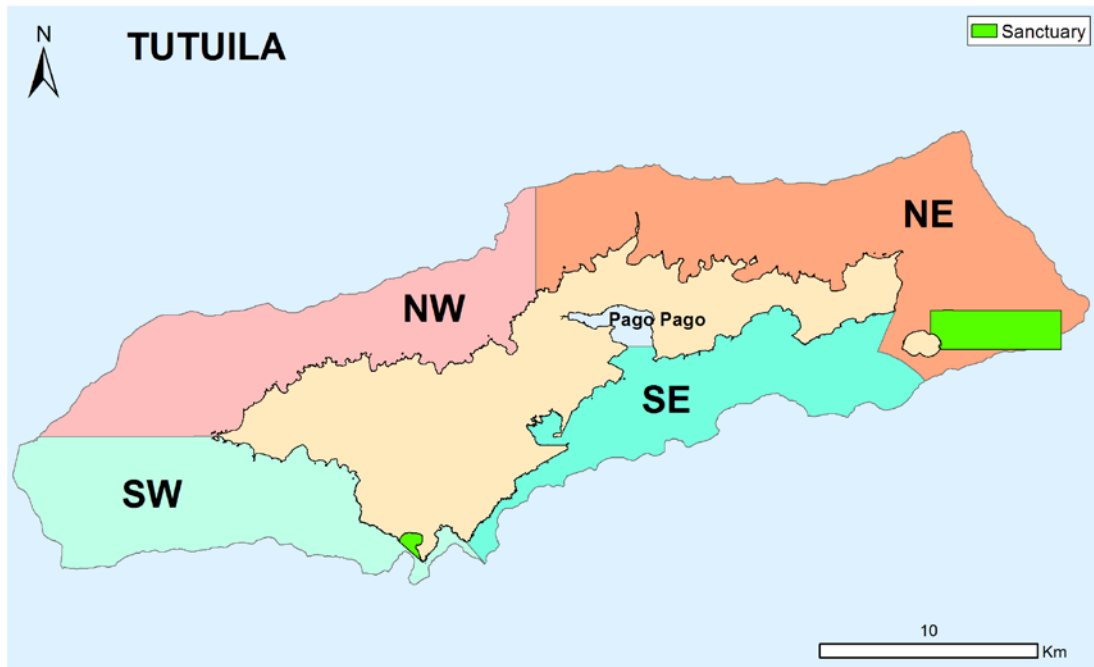


Figure 30. Map displaying the four, non-sanctuary (i.e., open to fishing) reporting units around Tutuila, American Samoa.

FISH: SITE-LEVEL DATA

The following section displays site-level bubble maps, which report on the biomass density (g m^{-2}): all fish, piscivores, fish > 50 cm, and *Acanthurus lineatus* (alogo). In addition, we report on visually estimated, site-level percent hard coral cover and benthic substrate ratio (ratio of the sum of hard coral and crustose coralline algae cover to the sum of macroalgae and turf cover). As requested by NMSAS, data on reef sharks and *Cheilinus undulatus* (humphead wrasse), are also given, however, due to their infrequent sightings, these data are only presented as a table in the Appendix. Three other species of interest to NMSAS, *Selar crumenophthalmus* (big eye scad or atule), *Epinephelus lanceolatus* (giant grouper), and *Bolbometopon muricatum* (bumphead parrotfish), were not recorded in any of our surveys.

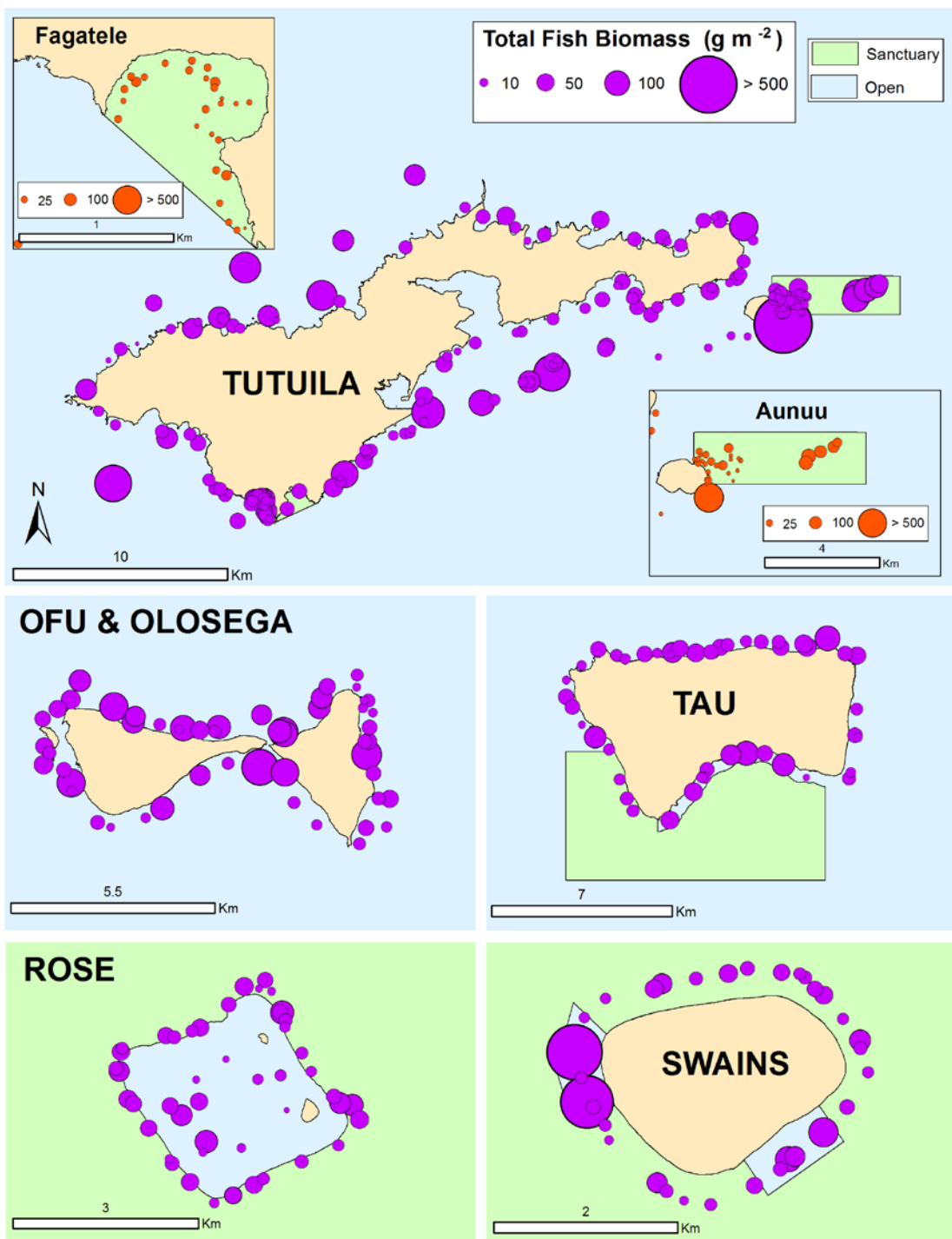


Figure 31. Biomass density of all fishes (g m^{-2}) at each survey site. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

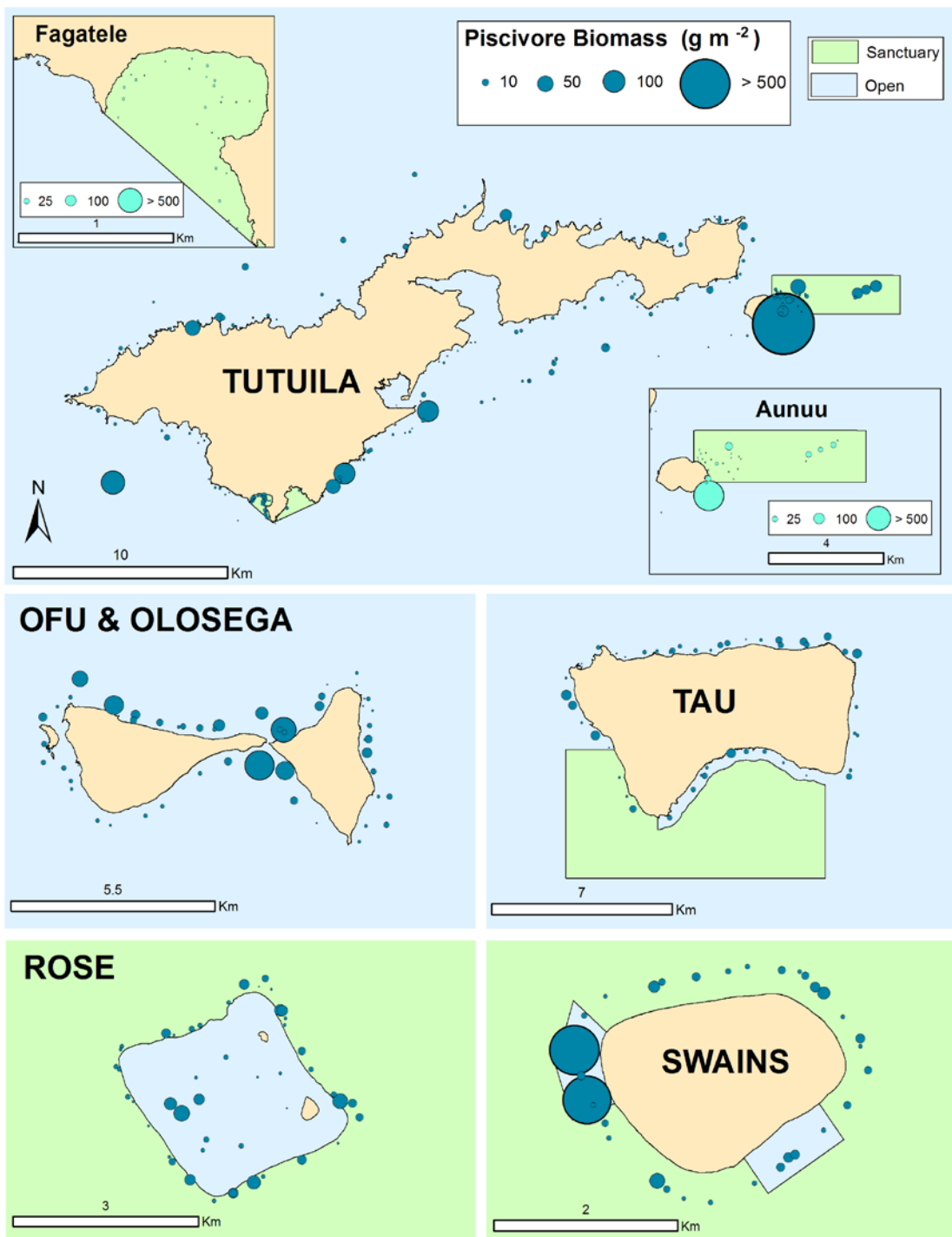


Figure 32. Biomass density of all piscivores (g m^{-2}) at each survey site. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

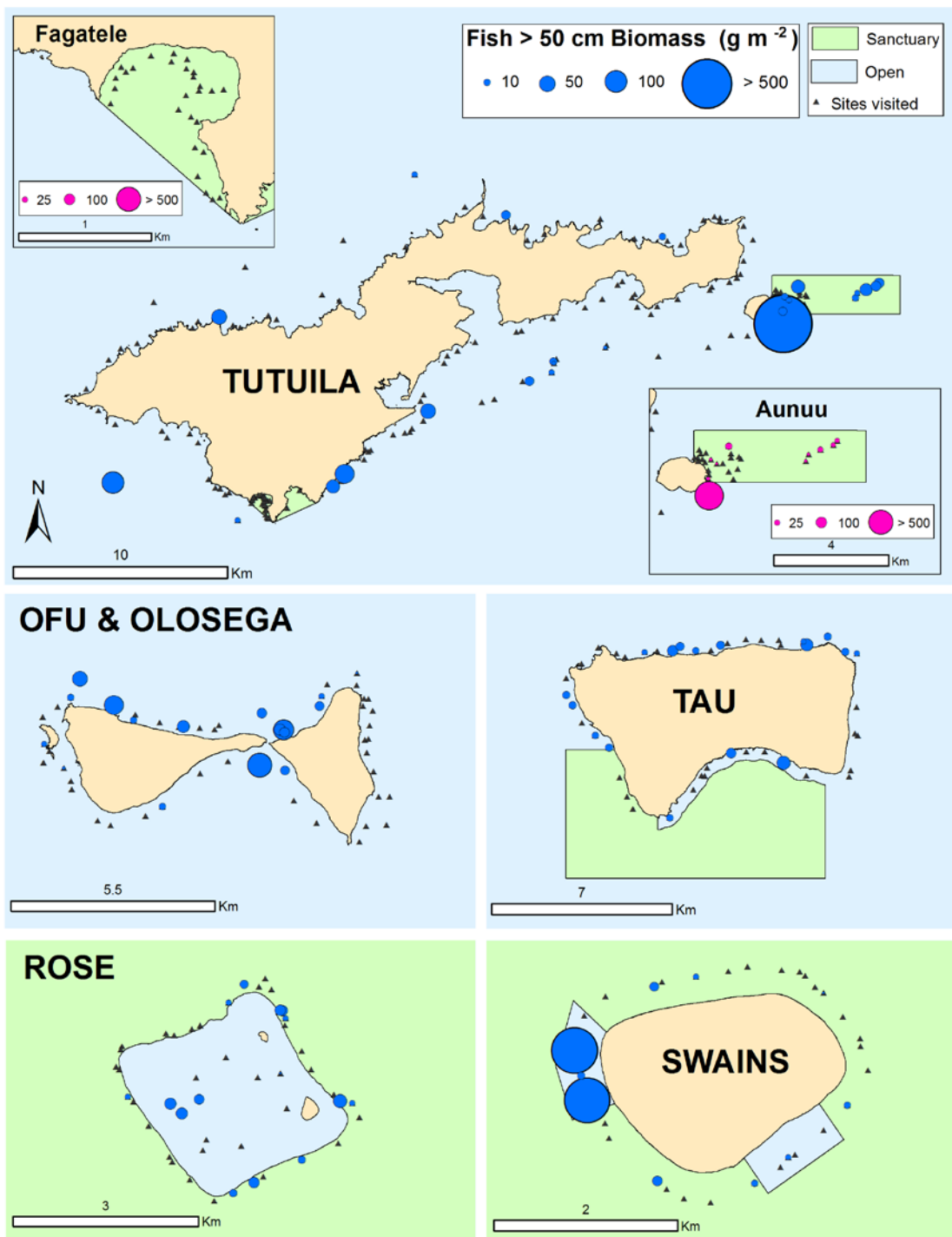


Figure 33. Biomass density of all fish > 50 cm (g m⁻²) at each survey site. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

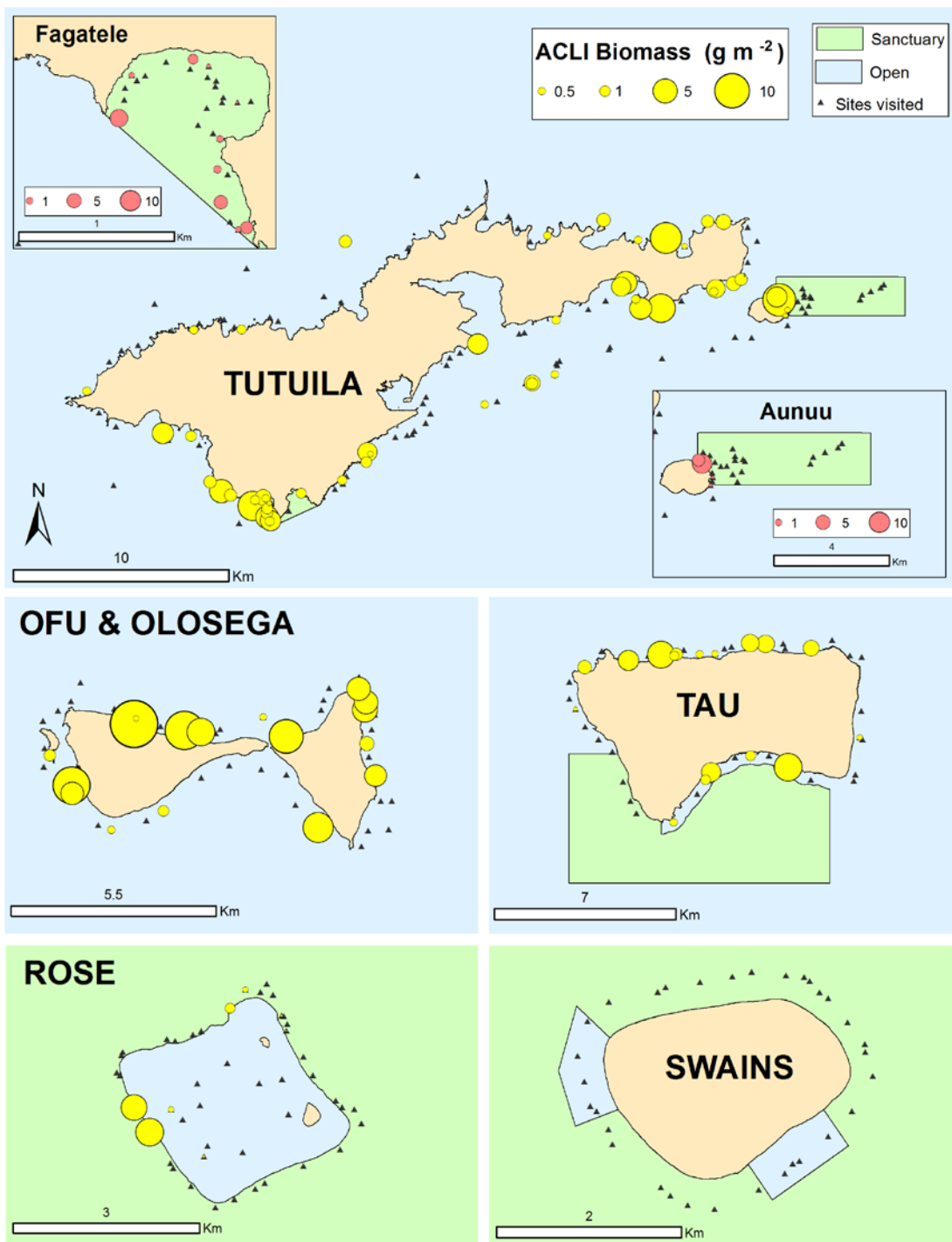


Figure 34. Biomass density of *Acanthurus lineatus* (g m^{-2}) at each survey site. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

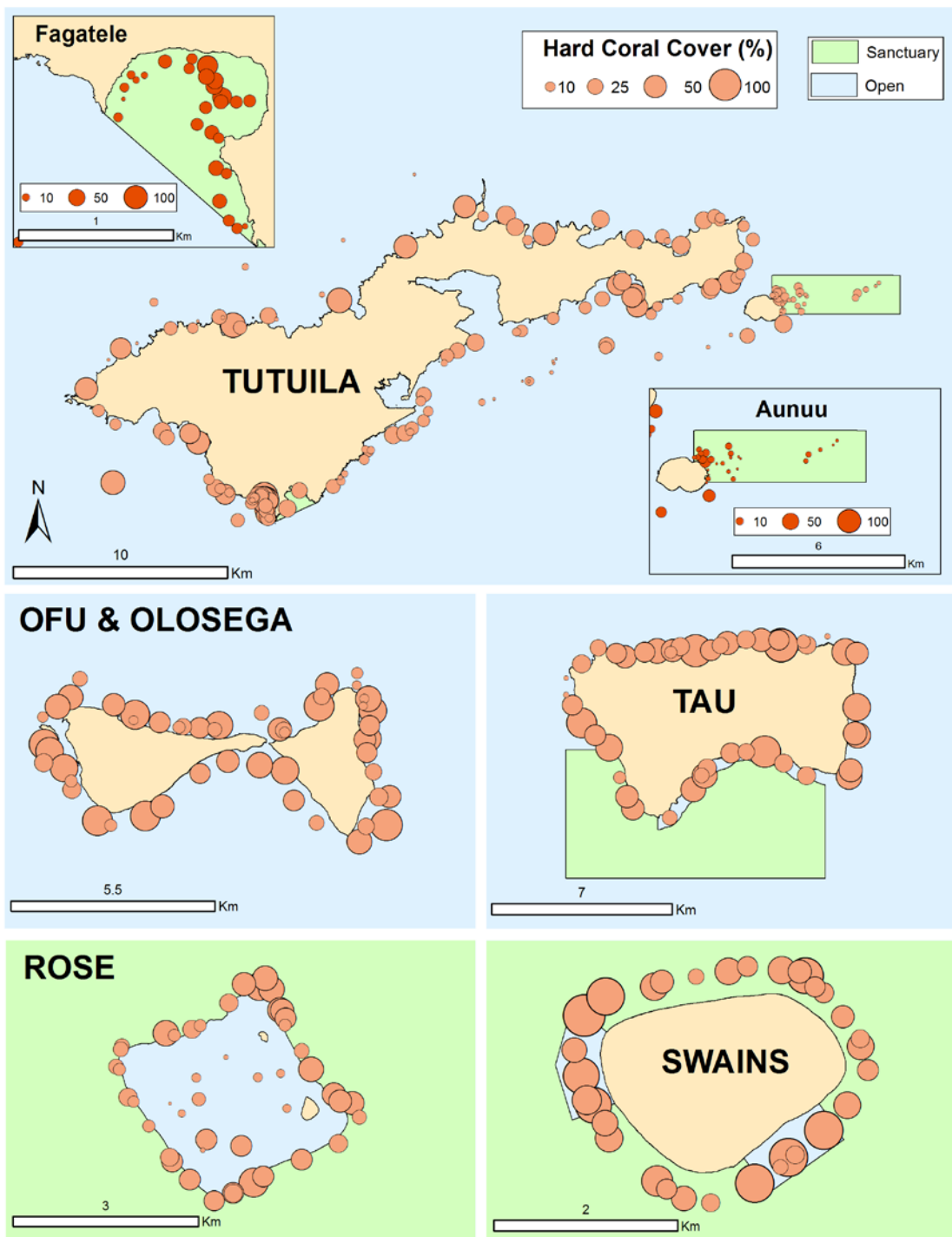


Figure 35. Visual estimates of percent hard coral cover at each survey site. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

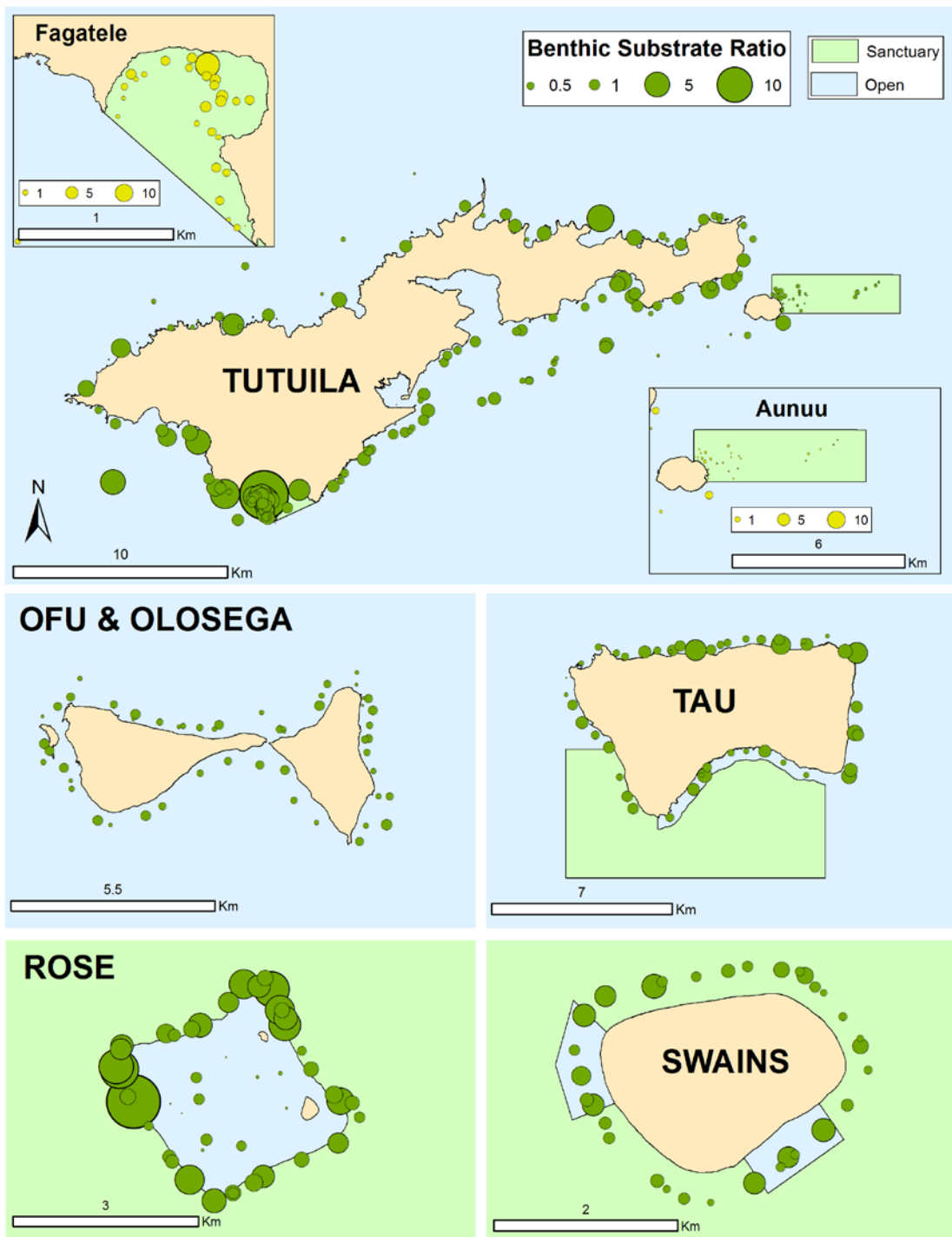


Figure 36. Benthic substrate ratio [i.e., (hard coral + crustose coralline algae) / (macroalgae + turf)] at each survey site. Calculations are based on visual estimates of the percent cover of hard coral, crustose coralline algae, macroalgae, and turf algae. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

FISH: ISLAND AND STRATA ESTIMATES

For the comparative bar graphs, we pool all site-level data up to the spatial scale of the following reporting units: Rose (Inside Crest), Ofu & Olosega, Tau, Aunuu B, Fagatele Sanctuary, Swains Sanctuary, and Rose Sanctuary. We split Tutuila into four sectors: NE, NW, SE, and SW (Fig. 30). We display the biomass densities (g m^{-2}) for: total fish, piscivores, herbivores, and fish > 50 cm. In addition, we compare percent hard coral cover across all reporting units. Finally, it should be noted that the large standard errors (i.e., error bars) for NE Tutuila, particularly for the biomass density estimates of piscivores and fish > 50 cm, is entirely driven by a single site found off Aunuu at which a large school of barracudas (*Sphyræna qenie*) was sighted.

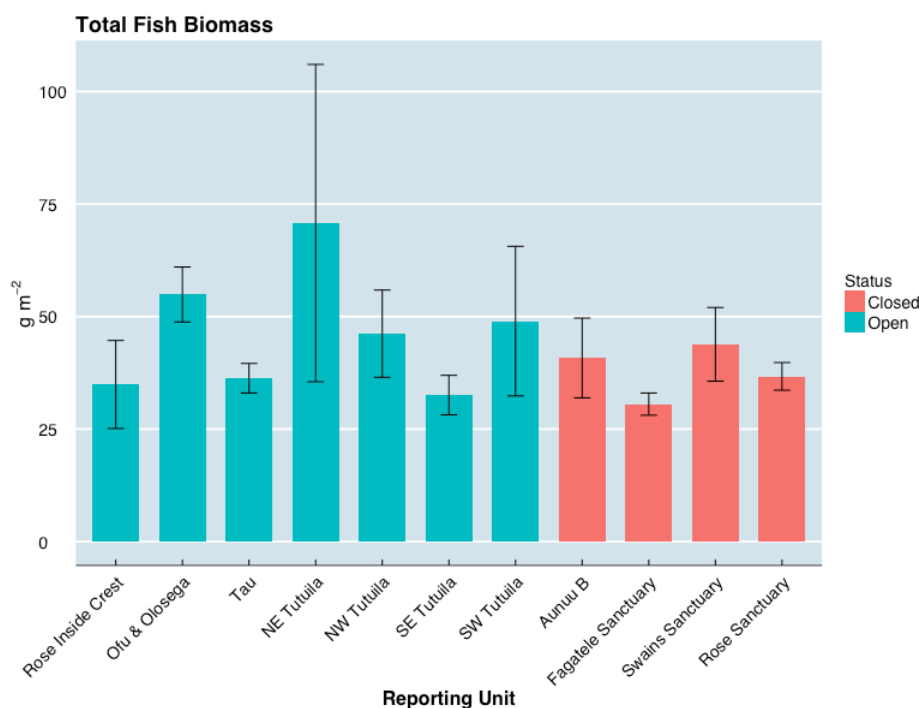


Figure 37. Biomass density of all fishes (g m^{-2}) for different reporting units around American Samoa, including areas that are part of the National Marine Sanctuary of American Samoa. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

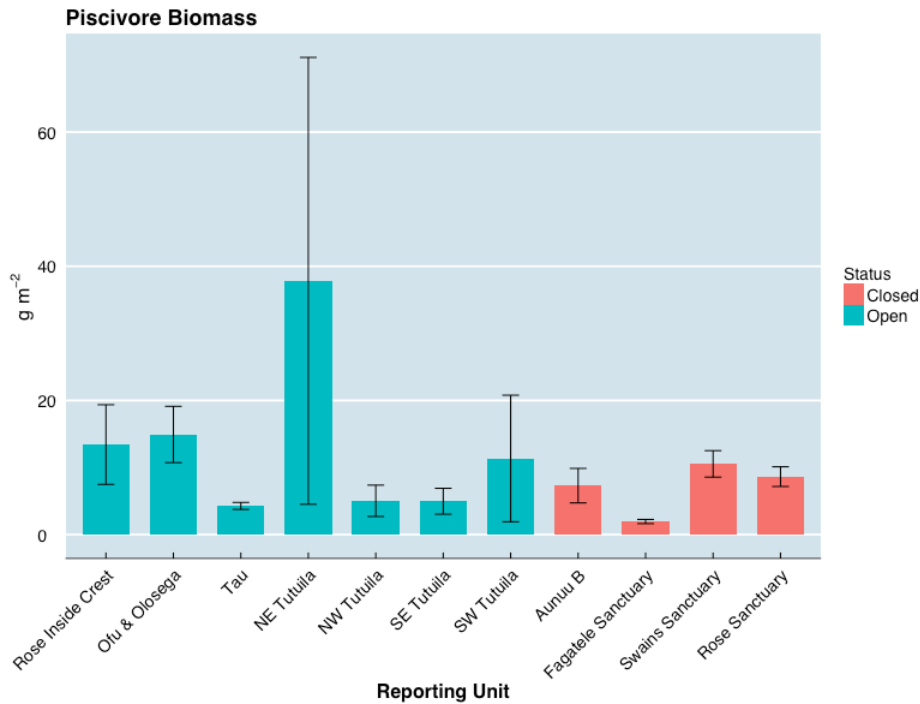


Figure 38. Biomass density of piscivores (g m⁻²) for different reporting units around American Samoa, including areas that are part of the National Marine Sanctuary of American Samoa. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

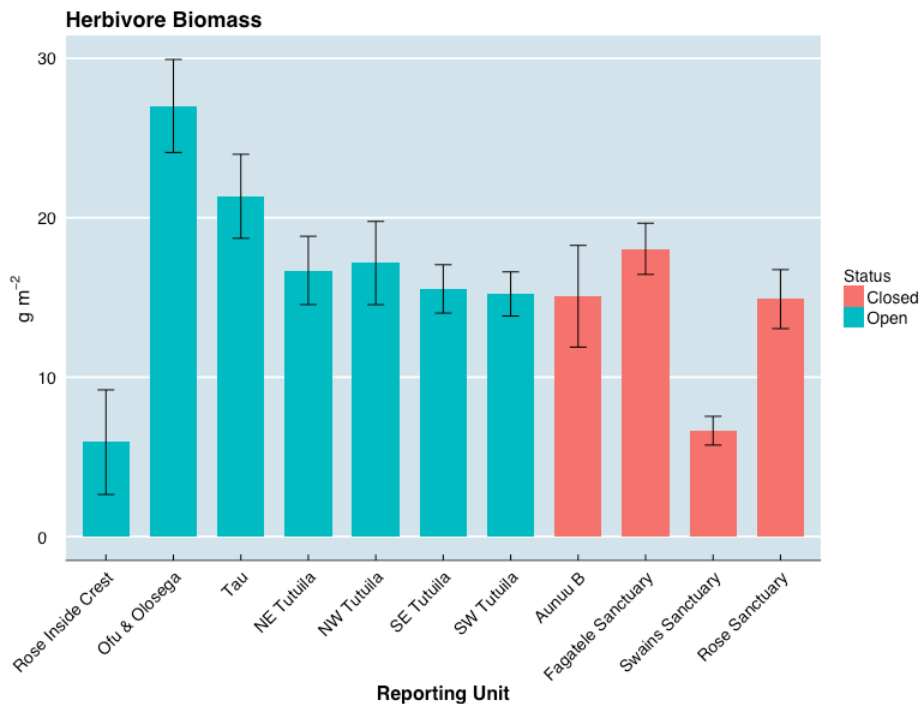


Figure 39. Biomass density of herbivores (g m⁻²) for different reporting units around American Samoa, including areas that are part of the National Marine Sanctuary of American Samoa. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

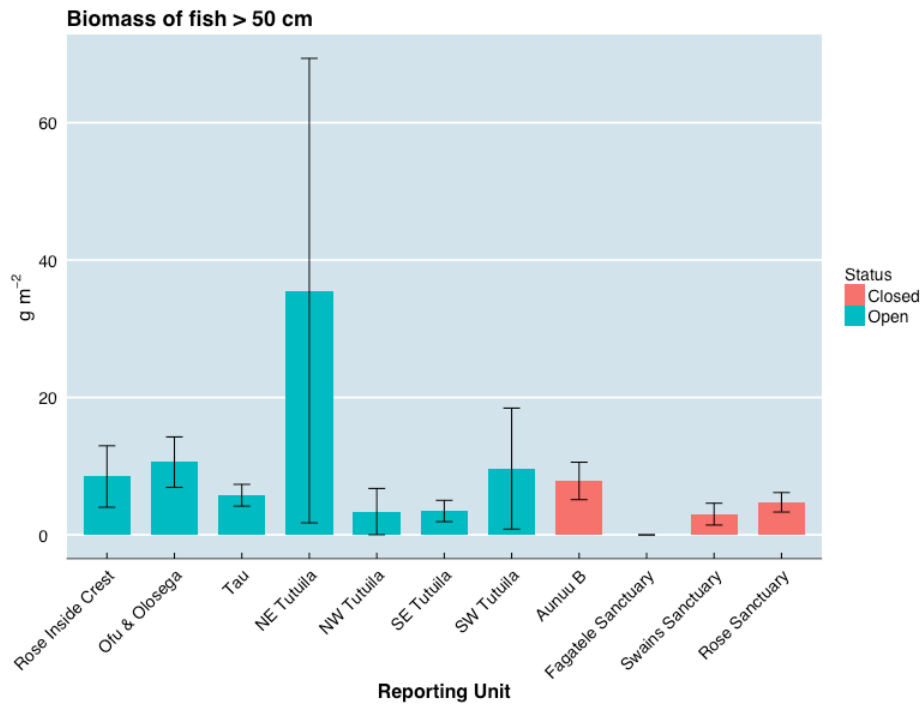


Figure 40. Biomass density of fish > 50 cm (g m⁻²) for different reporting units around American Samoa, including areas that are part of the National Marine Sanctuary of American Samoa. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

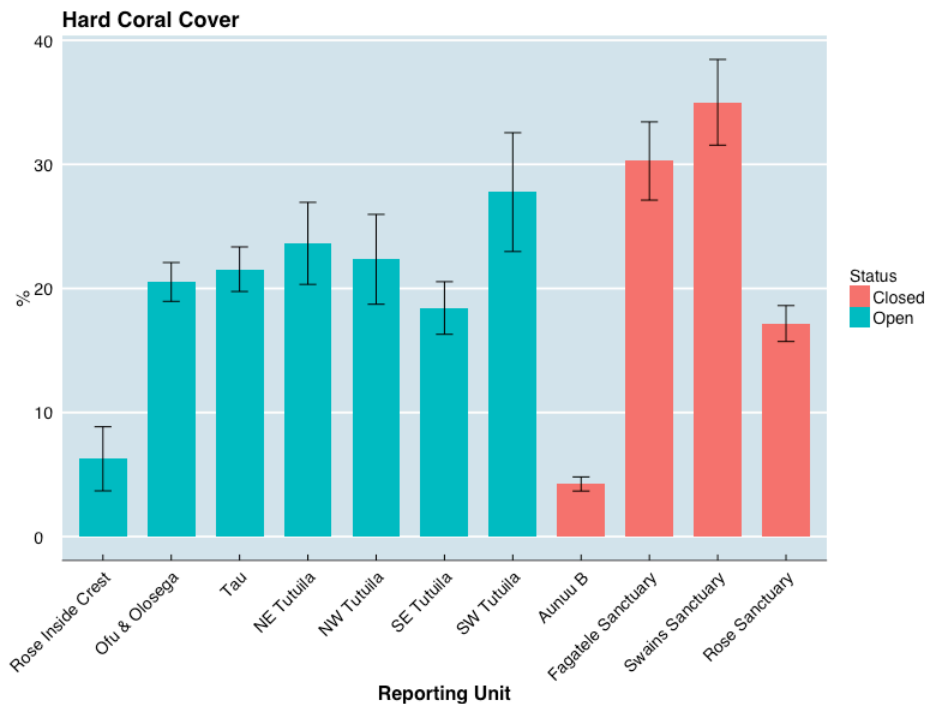


Figure 41. Percent hard coral cover for different reporting units around American Samoa, including areas that are part of the National Marine Sanctuary of American Samoa. Data collected by the Coral Reef Ecosystem Division during the American Samoa Reef Assessment and Monitoring Program 2015.

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Appendix to: Summary Report of Baseline Surveys and Installations Conducted in 2015 in the National Marine Sanctuary of American Samoa

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Benthic Appendix: Table A1. Glossary of statistical symbols and computational formulae used in the American Samoa coral reef sampling survey 2015, taken from Smith and co-authors (2011).

Symbol	Definition	Computational Formula	Equation Number
h	Stratum subscript		
i	Primary sample unit subscript		
j	Second-stage sample unit subscript		
T_{hij}	Area of j th second-stage unit in primary unit i in stratum h		
M_{hi}	Total possible number of second-stage units in primary unit i in stratum h		
a_{hi}	Area of i th primary unit in stratum h	$a_{hi} = \sum_{j=1}^{M_{hi}} T_{hij}$	
N_h	Total possible number of primary units in stratum h		
A_h	Area of stratum h	$A_h = \sum_{i=1}^{N_h} a_{hi}$	
A	Area of entire survey domain	$A = \sum_h A_h$	
$N_h M_h$	Total possible number of second-stage units in stratum h		
w_h	Stratum h weighting factor	$w_h = \frac{N_h M_h}{\sum_h N_h M_h}$	T-1
C_{hij}	Number of individuals (coral colonies) observed in second-stage unit j in primary unit i in stratum h		

D_{hij}	Density (individuals m ⁻²) in second-stage unit j in primary unit i in stratum h	$D_{hij} = \frac{C_{hij}}{T_{hij}}$	
m_{hi}	Number of second-stage units sampled in primary unit i in stratum h		
\bar{D}_{hi}	Mean density in primary unit i in stratum h	$\bar{D}_{hi} = \frac{1}{m_{hi}} \sum_j D_{hij}$	T-2
n_h	Number of primary units sampled in stratum h		
$\bar{\bar{D}}_h$	Mean density in stratum h	$\bar{\bar{D}}_h = \frac{1}{n_h} \sum_i \bar{D}_{hi}$	T-3
s_{1h}^2	Sample variance among primary units i in stratum h	$s_{1h}^2 = \frac{\sum_i (\bar{D}_{hi} - \bar{\bar{D}}_h)^2}{n_h - 1}$	
s_{2h}^2	Sample variance among second-stage units j in stratum h	$s_{2h}^2 = \frac{1}{n_h} \sum_i \left[\frac{\sum_j (D_{hij} - \bar{D}_{hi})^2}{m_{hi} - 1} \right]$	
\bar{m}_h	Average number of second-stage units sampled per primary unit in stratum h	$\bar{m}_h = \frac{1}{n_h} \sum_i m_{hi}$	
$n_h m_h$	Number of second-stage units sampled in stratum h		
$\text{var}[\bar{\bar{D}}_h]$	Variance of mean density in stratum h	$\text{var}[\bar{\bar{D}}_h] = \frac{\left(1 - \frac{n_h}{N_h}\right)}{n_h} s_{1h}^2 + \frac{\frac{n_h}{N_h} \left(1 - \frac{\bar{m}_h}{M_h}\right)}{n_h m_h} s_{2h}^2$	T-4
$\bar{\bar{D}}_{st}$	Domain-wide mean density for a stratified random survey	$\bar{\bar{D}}_{st} = \sum_h w_h \bar{\bar{D}}_h$	T-5
$\text{var}[\bar{\bar{D}}_{st}]$	Variance of domain-wide mean density	$\text{var}[\bar{\bar{D}}_{st}] = \sum_h w_h^2 \text{var}[\bar{\bar{D}}_h]$	T-6

\hat{Y}_h	Abundance (number of animals) in stratum h
$\text{var}[\hat{Y}_h]$	Variance of abundance in stratum h
\hat{Y}_{st}	Domain-wide abundance for a stratified random survey
$\text{var}[\hat{Y}_{st}]$	Variance of domain-wide abundance
nm	Number of second-stage units sampled in the survey domain
n	Number of primary units sampled in the survey domain
p_{hij}	Proportion cover or occurrence for second-stage unit j in primary unit i in stratum h
\bar{p}_{hi}	Mean proportion in primary unit i in stratum h
$\bar{\bar{p}}_h$	Mean proportion in stratum h
s_{1h}^2	Sample variance among primary units i in stratum h
s_{2h}^2	Sample variance among second-stage units j in stratum h
$\text{var}[\bar{\bar{p}}_h]$	Variance of mean proportion in stratum h
$\bar{\bar{p}}_{st}$	Domain-wide mean proportion for a stratified random survey
$\text{var}[\bar{\bar{p}}_{st}]$	Variance of domain-wide mean proportion
$\text{var}[]$	Variance of an estimate (e.g., mean density, abundance)

$$\hat{Y}_h = (\bar{\bar{D}}_h)(N_h M_h)(T_h) \quad \text{T-7}$$

$$\text{var}[\hat{Y}_h] = \text{var}[\bar{\bar{D}}_h](N_h M_h)^2 (T_h)^2 \quad \text{T-8}$$

$$\hat{Y}_{st} = \sum_h \hat{Y}_h \quad \text{T-9}$$

$$\text{var}[\hat{Y}_{st}] = \sum_h \text{var}[\hat{Y}_h] \quad \text{T-10}$$

$$\bar{p}_{hi} = \frac{1}{m_{hi}} \sum_j p_{hij} \quad \text{T-11}$$

$$\bar{\bar{p}}_h = \frac{1}{n_h} \sum_i \bar{p}_{hi} \quad \text{T-12}$$

$$s_{1h}^2 = \frac{\sum_i (\bar{p}_{hi} - \bar{\bar{p}}_h)^2}{n_h - 1}$$

$$s_{2h}^2 = \frac{1}{n_h} \left[\sum_i \left(\frac{m_{hi}}{m_{hi} - 1} \right) (\bar{p}_{hi})(1 - \bar{p}_{hi}) \right]$$

See equation T-3

See equation T-4

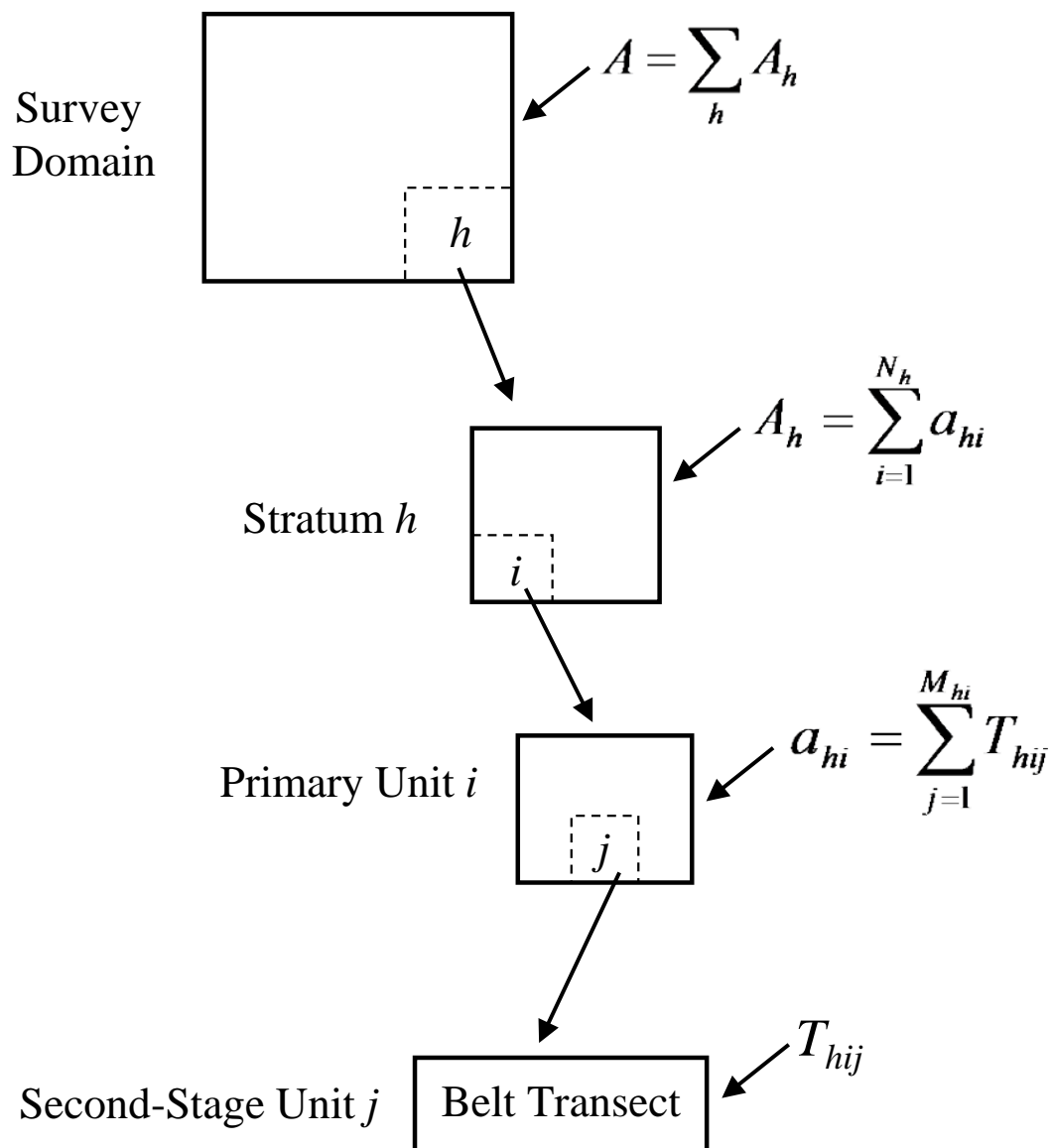
See equation T-5

$SE[]$ Standard error of an estimate

$$SE[] = \sqrt{var[]} \quad \text{T-13}$$

$CV[\overline{\overline{D}}_{st}]$ Coefficient of variation of mean density

$$CV[\overline{\overline{D}}_{st}] = \frac{SE[\overline{\overline{D}}_{st}]}{\overline{\overline{D}}_{st}} \quad \text{T-14}$$



Benthic Appendix: Figure A1. Conceptual diagram of the sampling domain and sample units for a two-stage stratified random survey design. A site is defined as the primary unit. Symbols are defined in Table 1.1 (c.f Smith et al. 2011).

Benthic Appendix: Table A2. List of coral genera recorded within the benthic surveys in American Samoa 2015.

Genus	Genus code		Genus	Genus code
Acanthastrea	ACAS		Hydnophora	HYSP
Acropora	ACSP		Isopora	ISSP
Alveopora	ALSP		Leptastrea	LEPT
Astreopora	ASSP		Leptoria	LEPS
Caulastrea	CASP		Leptoseris	LESP
Coeloseris	COES		Lobophyllia	LOBS
Coscinaraea	COSP		Merulina	MESP
Ctenactis	CTSP		Millepora	MISP
Cycloseris	CYPS		Montastrea	MONS
Cyphastrea	CYSP		Montipora	MOSP
Diploastrea	DISP		Mycedium	MYSP
Echinophyllia	ECHL		Oulophyllia	OUSP
Echinopora	ECHP		Oxypora	OXSP
Euphyllia	EUSP		Pachyseris	PACS
Favia	FASP		Pavona	PAVS
Favites	FAVS		Platygyra	PLSP
Fungia	FUSP		Plesiastrea	PLES
Galaxea	GASP		Pocillopora	POCS
Gardineroseris	GARS		Porites	POSP
Goniastrea	GONS		Psammocora	PSSP
Goniopora	GOSP		Sandalolitha	SASP
Halomitra	HASP		Scapophyllia	SCAS
Heliopora	HESP		Stylocoeniella	STSP
Herpolitha	HERS		Stylophora	STYS
			Symphyllia	SYSP
			Tubastrea	TUSP
			Turbinaria	TURS

Benthic Appendix: Table A3. List of coral species that were identified consistently among diver within the benthic surveys in American Samoa 2015.

Species	Species code		Species	Species code
<i>Acanthastrea hemprichii</i>	AHEM		<i>Merulina ampliata</i>	MAMP
<i>Acanthastrea ishigakiensis</i>	AISH		<i>Merulina scabricula</i>	MSCA
<i>Acropora abrotanoides</i>	AABR		<i>Montastraea curta</i>	MCUR
<i>Acropora aspera</i>	AASP		<i>Montastraea valenciennesi</i>	MVAL
<i>Acropora cytherea</i>	ACYT		<i>Montipora caliculata</i>	MCAL
<i>Acropora humilis</i>	AHUM		<i>Montipora incrassata</i>	MINC
<i>Acropora hyacinthus</i>	AHYA		<i>Pachyseris rugosa</i>	PRUG
<i>Acropora nobilis</i>	ANOB		<i>Pavona cf chiriquiensis</i>	PCHI
<i>Acropora paniculata</i>	APAN		<i>Pavona diffluens</i>	PDIF
<i>Acropora speciosa</i>	ASPE		<i>Pavona duerdeni</i>	PDUE
<i>Acropora verweyi</i>	AVER		<i>Pavona maldivensis</i>	PMAL
<i>Alveopora verrilliana</i>	ALVE		<i>Pavona varians</i>	PVAR
<i>Astreopora myriophthalma</i>	AMYR		<i>Pavona venosa</i>	PVEN
<i>Coeloseris mayeri</i>	CMAY		<i>Platygyra daedalea</i>	PLDA
<i>Coscinaraea columna</i>	CCOL		<i>Platygyra pini</i>	PPIN
<i>Coscinarea exesa</i>	CEXE		<i>Plesiastrea versipora</i>	PLVE
<i>Diploastrea heliopora</i>	DHEL		<i>Pocillopora damicornis</i>	PDAM
<i>Echinopora gemmacea</i>	EGEM		<i>Pocillopora danae</i>	PDAN
<i>Echinopora lamellosa</i>	ELAM		<i>Pocillopora eydouxi</i>	PEYD
<i>Favia matthaii</i>	FMAT		<i>Pocillopora meandrina</i>	PMEA
<i>Favia stelligera</i>	FSTE		<i>Pocillopora woodjonesi</i>	PWOO
<i>Galaxea astreata</i>	GAAS		<i>Porites cylindrica</i>	PCYL
<i>Galaxea fascicularis</i>	GFAS		<i>Porites horizontalata</i>	PHOR
<i>Gardinoseris planulata</i>	GPLA		<i>Porites lichen</i>	PLIC
<i>Goniastrea edwardsi</i>	GEDW		<i>Porites lobata</i>	PLOB
<i>Goniastrea pectinata</i>	GPEC		<i>Porites lutea</i>	PLUT
<i>Goniastrea retiformis</i>	GRET		<i>Porites monticulosa</i>	PMON
<i>Heliopora coerula</i>	HCOE		<i>Porites rus</i>	PRUS
<i>Hydnophora exesa</i>	HEXE		<i>Porites solida</i>	PSOL
<i>Hydnophora microconnos</i>	HMIC		<i>Psammocora haimeana</i>	PHAI
<i>Hydnophora rigida</i>	HRIG		<i>Psammocora nierstraszi</i>	PNIE
<i>Leptastrea bewickensis</i>	LBEW		<i>Psammocora stellata</i>	PSTE
<i>Leptastrea pruinosa</i>	LPRU		<i>Scapophyllia cylindrica</i>	SCYL
<i>Leptastrea purpurea</i>	LPUR		<i>Stylophora pistillata</i>	SPIS
<i>Leptastrea transversa</i>	LTRA		<i>Turbinaria mesenterina</i>	TMES
<i>Leptoria phyrgia</i>	LPHY		<i>Turbinaria peltata</i>	TPEL
<i>Leptoseris incrustans</i>	LINC		<i>Turbinaria reniformis</i>	TREN
<i>Leptoseris myceteroides</i>	LMYC		<i>Turbinaria stellulata</i>	TSTE

Benthic Appendix: Table A4. Population estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for total scleractinians, genera and selected species from American Samoa 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories – old dead and recent dead. Reported prevalence of disease included two broad categories – (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

	no. strata	n	Juvenile density (# m ⁻²)	SE	CV (%)	Adult density (# m ⁻²)	SE	CV (%)	Old dead Mean %	SE	Recent dead Mean %	SE	Disease - Lesions Prevalence (%)	SE	Disease - Non-lesion Prevalence (%)	SE	Bleaching Prevalence (%)	SE
Total scleractinians	43	188	4.059	0.302	7.45	13.353	0.620	4.64	11.205	0.421	0.650	0.047	0.513	0.077	0.308	0.050	5.47	0.61
Genera																		
ACAS	43	188	0.021	0.009	43.15	0.035	0.007	20.47	10.943	1.233	0.000	0.000	0.000	0.000	0.000	0.000	4.30	3.04
ACSP	43	188	0.223	0.030	13.42	0.882	0.087	9.91	7.183	0.868	0.994	0.102	0.367	0.226	0.373	0.146	4.79	1.23
ALSP	43	188	0.021	0.010	49.89	0.014	0.006	41.91	2.257	0.579	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
ASSP	43	188	0.082	0.021	25.29	0.557	0.072	12.84	8.674	1.013	0.094	0.022	0.108	0.090	0.317	0.191	3.15	1.31
CASP	43	188	0.000	0.000	.	0.000	0.000	73.63	0.009	.	0.000	.	0.000	0.000	0.000	0.000	66.04	66.27
COES	43	188	0.000	0.000	.	0.002	0.002	68.65	0.002	.	0.000	.	0.000	0.000	0.000	0.000	18.01	18.02
COSP	43	188	0.002	0.001	56.20	0.045	0.010	21.34	11.600	0.762	0.154	0.041	0.000	0.000	0.000	0.000	5.13	3.08
CTSP	43	188	0.000	0.000	.	0.002	0.001	66.28	0.000	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CYPS	43	188	0.025	0.009	34.62	0.087	0.012	13.31	14.488	0.711	0.133	0.070	0.000	0.000	2.855	1.429	1.19	1.19
CYSP	43	188	0.024	0.016	66.64	0.019	0.006	29.41	0.760	0.147	0.053	0.034	0.000	0.000	2.172	2.173	11.64	9.21
DISP	43	188	0.004	0.004	99.84	0.010	0.003	27.94	2.829	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ECHL	43	188	0.024	0.010	41.42	0.025	0.008	32.99	3.257	0.204	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
ECHP	43	188	0.006	0.004	60.91	0.037	0.008	21.02	9.445	0.899	0.142	0.058	1.840	1.824	0.000	0.000	1.36	1.24
EUSP	43	188	0.000	0.000	.	0.001	0.001	99.77	0.000	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FASP	43	188	0.272	0.047	17.17	0.592	0.044	7.43	15.188	1.127	0.074	0.015	0.019	0.019	0.152	0.097	2.87	0.96
FAVS	43	188	0.056	0.028	50.03	0.119	0.016	13.53	7.697	0.836	0.054	0.031	0.595	0.595	0.000	0.000	1.79	1.57
FUSP	43	188	0.154	0.041	26.84	0.295	0.065	22.02	1.105	0.361	0.304	0.024	0.000	0.000	0.236	0.235	6.72	1.92
GARS	43	188	0.000	0.000	.	0.000	0.000	79.40	0.000	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GASP	43	188	0.165	0.108	65.60	0.921	0.298	32.39	5.007	0.438	0.078	0.030	0.000	0.000	0.055	0.054	4.80	3.69
GONS	43	188	0.130	0.022	17.14	0.460	0.062	13.43	12.634	1.311	0.034	0.012	0.219	0.218	0.220	0.177	1.92	0.63
GOSP	43	188	0.000	0.000	.	0.007	0.002	33.39	1.592	0.112	0.318	0.043	0.000	0.000	0.000	0.000	0.00	0.00
HASP	43	188	0.002	0.002	99.63	0.004	0.002	60.69	0.000	.	0.886	.	0.000	0.000	0.000	0.000	0.00	0.00
HERS	43	188	0.000	0.000	.	0.016	0.003	21.06	0.334	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HESP	43	188	0.001	0.001	99.53	0.008	0.004	49.35	2.264	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HYSP	43	188	0.005	0.002	43.38	0.055	0.011	19.83	9.560	0.701	0.536	0.275	0.000	0.000	0.889	0.889	5.79	2.52
ISSP	43	188	0.035	0.020	57.91	0.420	0.121	28.80	4.577	0.768	0.257	0.054	1.077	0.474	0.000	0.000	28.34	8.58
LEPS	43	188	0.033	0.008	23.19	0.132	0.014	10.59	6.316	0.527	0.000	0.000	0.000	0.000	0.000	0.000	10.41	3.32
LEPT	43	188	0.288	0.062	21.42	0.585	0.047	7.98	15.112	1.062	0.026	0.015	0.000	0.000	0.086	0.086	3.83	1.01
LESP	43	188	0.004	0.002	61.27	0.072	0.014	20.04	5.694	0.939	0.412	0.273	0.000	0.000	1.518	1.516	9.57	3.24
LOBS	43	188	0.007	0.004	50.54	0.018	0.005	29.99	6.674	1.384	0.006	0.007	0.000	0.000	0.000	0.000	2.32	2.32
MESP	43	188	0.007	0.007	100.05	0.023	0.011	48.87	1.954	0.175	0.010	0.005	0.000	0.000	0.000	0.000	1.14	1.14
MISP	43	188	0.003	0.003	99.77	0.031	0.008	26.07	7.805	0.409	0.092	0.043	0.000	0.000	0.000	0.000	0.13	0.10
MONS	43	188	0.272	0.035	12.74	0.970	0.087	8.97	15.826	1.012	0.288	0.045	0.207	0.137	0.539	0.346	16.19	4.18
MOSP	43	188	0.988	0.091	9.26	3.469	0.212	6.10	10.949	0.728	0.593	0.102	1.050	0.206	0.109	0.057	1.29	0.21
MYSP	43	188	0.000	0.000	.	0.005	0.002	39.28	0.109	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
OUSP	43	188	0.003	0.002	70.75	0.005	0.002	35.04	1.817	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
OXSP	43	188	0.000	0.000	.	0.004	0.003	80.28	0.286	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PACS	43	188	0.000	0.000	.	0.008	0.003	41.81	1.906	0.000	0.275	0.000	0.000	0.000	0.000	0.000	1.97	1.95
PAVS	43	188	0.212	0.040	19.05	0.915	0.078	8.48	11.602	0.851	0.177	0.036	0.420	0.258	0.614	0.223	6.49	1.00
PLES	43	188	0.000	0.000	.	0.002	0.001	57.47	2.970	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLSP	43	188	0.036	0.009	26.02	0.199	0.030	15.24	6.776	0.357	0.245	0.015	0.712	0.544	0.000	0.000	3.53	1.27

Table A4 (cont'd).

			Juvenile				Adult			Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genera (con't)																			
POCS	43	188	0.221	0.028	12.62		0.802	0.067	8.40	8.795	0.977	0.707	0.090	0.655	0.224	0.111	0.047	6.36	0.91
POSP	43	188	0.591	0.126	21.30		1.165	0.107	9.21	12.492	0.930	0.488	0.094	0.685	0.303	0.825	0.203	6.34	1.81
PSSP	43	188	0.108	0.020	18.57		0.216	0.019	8.75	10.346	1.028	0.518	0.233	0.127	0.126	1.284	0.849	1.75	0.74
SASP	43	188	0.000	0.000	.		0.016	0.008	47.97	0.000	0.000	0.596	0.000	0.000	0.000	0.000	0.000	0.00	0.00
SCAS	43	188	0.001	0.001	99.17		0.003	0.002	84.29	0.111	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
STSP	43	188	0.022	0.007	32.52		0.026	0.006	22.43	7.026	0.476	4.336	0.000	1.758	1.760	0.000	0.000	1.89	1.89
STYS	43	188	0.011	0.006	58.85		0.073	0.037	51.22	2.868	0.081	0.049	0.011	0.000	0.000	0.000	0.000	9.18	4.04
SYSP	43	188	0.000	0.000	.		0.009	0.004	40.81	0.611	.	0.385	.	0.000	0.000	0.000	0.000	0.00	0.00
TURS	43	188	0.006	0.004	54.92		0.032	0.009	26.96	5.538	0.905	0.460	0.014	0.000	0.000	0.000	0.000	1.28	1.28
TUSP	43	188	0.000	0.000	.		0.000	0.000	100.66	0.011	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
Species																			
AABR	43	188	0.000	0.000	.		0.006	0.003	40.08	0.417	0.223	0.004	0.000	0.392	0.397	6.123	6.094	13.08	12.66
AASP	43	188	0.002	0.002	74.17		0.013	0.009	74.35	0.275	0.062	0.083	0.000	0.000	0.000	0.000	0.000	9.43	9.38
ACYT	43	188	0.001	0.001	100.05		0.022	0.014	61.99	0.061	0.057	0.000	0.000	0.000	0.000	0.825	0.808	0.00	0.00
AHEM	43	188	0.000	0.000	.		0.007	0.005	66.54	0.119	0.100	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	43	188	0.000	0.000	.		0.007	0.002	34.74	0.173	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	43	188	0.000	0.000	.		0.015	0.004	28.21	0.360	0.136	0.109	0.038	0.000	0.000	0.000	0.000	12.58	6.86
AISH	43	188	0.000	0.000	.		0.000	0.000	99.17	0.000	0.000	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ALVE	43	188	0.011	0.008	75.82		0.007	0.004	66.73	0.073	0.054	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYP	43	188	0.032	0.009	27.12		0.421	0.067	15.88	5.975	0.848	0.121	0.019	0.143	0.118	0.420	0.253	3.13	1.66
ANOB	43	188	0.000	0.000	.		0.008	0.007	82.73	0.166	0.104	0.050	0.000	0.000	0.000	0.000	0.000	12.27	12.24
APAN	43	188	0.000	0.000	.		0.016	0.006	39.63	0.000	0.000	0.000	.	0.000	0.000	0.000	0.000	18.56	13.53
ASPE	43	188	0.000	0.000	.		0.001	0.001	99.83	0.000	0.000	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AVER	43	188	0.000	0.000	.		0.000	0.000	91.53	0.000	0.000	0.000	.	0.000	0.000	0.000	0.000	66.67	61.02
CCOL	43	188	0.000	0.000	100.34		0.028	0.006	21.99	2.273	0.562	0.023	0.013	0.000	0.000	0.000	0.000	4.60	3.76
CEXE	43	188	0.001	0.001	99.15		0.005	0.002	49.41	0.209	0.143	0.000	.	0.000	0.000	0.000	0.000	18.51	18.12
CMAY	43	188	0.000	0.000	.		0.002	0.002	68.65	0.000	0.001	0.000	.	0.000	0.000	0.000	0.000	18.01	18.02
DHEL	43	188	0.004	0.004	99.84		0.010	0.003	27.94	1.672	0.068	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
EGEM	43	188	0.001	0.001	100.06		0.005	0.003	56.81	0.276	0.087	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	43	188	0.003	0.003	99.79		0.014	0.006	41.80	1.169	0.408	0.166	.	4.827	4.787	0.000	0.000	3.56	3.26
FMAT	43	188	0.008	0.006	75.84		0.044	0.015	33.35	1.731	0.422	0.065	0.053	0.000	0.000	0.000	0.000	3.17	3.16
FSTE	43	188	0.031	0.010	32.85		0.169	0.022	13.27	7.063	1.442	0.303	0.017	0.067	0.067	0.255	0.169	3.77	1.83
GAAS	43	188	0.003	0.003	99.77		0.000	0.000	77.41	0.000	0.000	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	43	188	0.026	0.009	34.99		0.184	0.035	19.25	2.898	0.575	0.158	0.010	0.546	0.544	0.000	0.000	1.70	0.76
GFAS	43	188	0.156	0.108	69.46		0.899	0.283	31.48	3.910	0.368	0.078	0.030	0.000	0.000	0.056	0.056	4.90	3.78
GPEC	43	188	0.045	0.007	16.34		0.118	0.026	22.06	3.082	0.591	0.002	0.000	0.000	0.000	0.000	0.000	2.89	1.26
GLA	43	188	0.000	0.000	.		0.000	0.000	79.40	0.000	0.000	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GRET	43	188	0.008	0.004	54.56		0.071	0.017	24.52	3.704	1.124	0.030	0.022	0.000	0.000	0.000	0.000	1.81	1.03
HCOE	43	188	0.001	0.001	99.53		0.006	0.004	55.79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	43	188	0.004	0.002	55.55		0.021	0.005	24.34	0.998	0.229	0.195	0.102	0.000	0.000	0.000	0.000	0.62	0.62
HMIC	43	188	0.001	0.001	99.58		0.029	0.009	30.20	1.742	0.731	0.341	0.255	0.000	0.000	1.694	1.694	10.38	4.79
HRIG	43	188	0.000	0.000	.		0.001	0.001	74.58	0.010	0.010	0.000	.	0.000	0.000	0.000	0.000	4.64	4.33

Table A4 (cont'd).

			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species(con't)																								
LBEW	43	188	0.012	0.012	99.79		0.022	0.008	34.27		1.397	0.716		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LINC	43	188	0.004	0.002	61.27		0.037	0.012	33.19		1.015	0.324		0.000	0.000		0.000	0.000		2.966	2.961		10.03	4.29
LMYC	43	188	0.000	0.000	.		0.008	0.003	34.38		0.233	0.098		0.000	0.000		0.000	0.000		0.000	0.000		21.69	15.26
LPHY	43	188	0.033	0.008	23.19		0.132	0.014	10.59		3.202	0.588		0.000	0.000		0.000	0.000		0.000	0.000		10.41	3.32
LPRU	43	188	0.000	0.000	.		0.031	0.006	18.99		0.994	0.176		0.000	0.000		0.000	0.000		1.648	1.642		0.00	0.00
LPUR	43	188	0.161	0.058	36.31		0.337	0.033	9.73		10.111	0.928		0.044	0.009		0.000	0.000		0.000	0.000		6.17	1.74
LTRA	43	188	0.051	0.022	43.92		0.151	0.017	11.23		5.574	0.620		0.018	0.011		0.000	0.000		0.000	0.000		0.64	0.03
MAMP	43	188	0.000	0.000	.		0.005	0.002	40.36		0.193	0.061		0.000	0.000		0.000	0.000		0.000	0.000		5.79	5.80
MCAL	43	188	0.001	0.001	100.05		0.034	0.008	24.47		2.089	0.534		0.078	0.032		0.000	0.000		0.000	0.000		2.83	2.02
MCUR	43	188	0.177	0.030	16.86		0.671	0.075	11.22		12.309	1.107		0.525	0.071		0.299	0.198		0.579	0.359		19.03	5.75
MINC	43	188	0.000	0.000	.		0.002	0.001	77.02		0.068	0.065		0.207	.		0.000	0.000		0.000	0.000		0.00	0.00
MSCA	43	188	0.007	0.007	100.05		0.010	0.009	88.58		0.034	0.036		0.020	.		0.000	0.000		0.000	0.000		0.00	0.00
MVAL	43	188	0.001	0.001	99.53		0.022	0.006	25.23		2.523	0.534		0.030	0.021		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	43	188	0.037	0.017	45.33		0.169	0.032	18.93		4.570	0.735		0.035	0.020		0.000	0.000		1.645	0.863		1.90	1.15
PCYL	43	188	0.006	0.005	77.43		0.035	0.032	92.00		0.287	0.204		0.003	.		0.000	0.000		0.000	0.000		0.00	0.00
PDAM	43	188	0.006	0.003	56.03		0.010	0.003	35.29		0.437	0.155		0.000	0.000		0.000	0.000		0.000	0.000		22.49	15.46
PDAN	43	188	0.000	0.000	.		0.001	0.001	85.78		0.000	0.000		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PDIF	43	188	0.000	0.000	.		0.001	0.001	86.21		0.124	0.000		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PDUE	43	188	0.000	0.000	93.37		0.020	0.005	25.17		2.063	0.533		0.222	0.052		12.036	10.470		0.762	0.764		7.20	2.79
PEYD	43	188	0.000	0.000	.		0.118	0.013	11.19		3.198	0.565		0.499	0.060		0.555	0.553		0.187	0.185		5.31	1.87
PHAI	43	188	0.098	0.019	19.47		0.148	0.017	11.19		4.442	0.667		0.494	0.296		0.000	0.000		1.820	1.242		1.19	0.71
PHOR	43	188	0.000	0.000	.		0.022	0.014	62.24		0.929	0.279		0.000	.		0.000	0.000		0.000	0.000		65.32	59.05
PLDA	43	188	0.006	0.004	60.07		0.050	0.010	18.97		1.212	0.323		0.025	0.024		0.000	0.000		0.000	0.000		5.99	2.88
PLIC	43	188	0.013	0.006	44.03		0.061	0.017	28.28		0.812	0.150		0.001	0.002		0.000	0.000		0.000	0.000		1.79	1.08
PLOB	43	188	0.043	0.014	33.19		0.153	0.028	18.28		4.591	0.714		0.396	0.053		0.675	0.673		2.359	0.965		14.76	4.97
PLUT	43	188	0.001	0.001	98.80		0.003	0.001	44.54		0.242	0.185		0.000	0.000		0.000	0.000		15.797	15.815		0.00	0.00
PLVE	43	188	0.000	0.000	.		0.000	0.000	100.06		0.164	0.166		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PMAL	43	188	0.009	0.006	67.08		0.053	0.014	26.18		1.876	0.526		0.127	0.013		0.000	0.000		0.000	0.000		7.71	2.97
PMEA	43	188	0.007	0.005	76.07		0.158	0.021	13.06		4.145	1.027		1.197	0.130		0.939	0.704		0.093	0.093		5.57	1.85
PMON	43	188	0.006	0.006	100.05		0.007	0.003	39.94		0.284	0.171		0.002	0.002		0.000	0.000		0.000	0.000		2.63	2.31
PNIE	43	188	0.009	0.006	65.92		0.051	0.010	19.80		2.440	0.502		0.149	0.010		0.542	0.538		0.180	0.181		2.59	2.12
PPIN	43	188	0.018	0.008	41.49		0.122	0.019	15.38		3.156	0.381		0.029	0.014		1.161	0.889		0.000	0.000		3.12	1.40
PRUG	43	188	0.000	0.000	.		0.003	0.002	78.61		0.020	0.020		0.275	.		0.000	0.000		0.000	0.000		0.00	0.00
PRUS	43	188	0.189	0.117	61.97		0.357	0.080	22.36		3.407	0.518		0.512	0.142		1.164	0.835		0.145	0.145		0.59	0.39
PSOL	43	188	0.000	0.000	.		0.002	0.001	47.37		0.391	0.084		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSTE	43	188	0.000	0.000	.		0.001	0.001	65.79		0.054	0.000		0.005	.		0.000	0.000		0.000	0.000		17.20	16.99
PVAR	43	188	0.113	0.032	28.12		0.433	0.049	11.28		7.392	0.966		0.162	0.039		0.189	0.189		0.614	0.324		10.15	1.86
PVEN	43	188	0.000	0.000	.		0.001	0.001	99.82		0.000	0.000		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PWOO	43	188	0.000	0.000	.		0.004	0.002	44.51		0.194	0.123		0.000	0.000		0.000	0.000		0.000	0.000		12.58	10.27
SCYL	43	188	0.000	0.000	.		0.003	0.002	84.29		0.037	0.036		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
SPIS	43	188	0.011	0.006	58.85		0.072	0.037	51.31		0.788	0.335		0.050	0.010		0.000	0.000		0.000	0.000		9.28	4.08
TMES	43	188	0.000	0.000	.		0.002	0.002	83.03		0.036	0.026		0.046	0.018		0.000	0.000		0.000	0.000		0.00	0.00
TPEL	43	188	0.000	0.000	.		0.001	0.001	99.76		0.000	0.000		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
TREN	43	188	0.006	0.003	60.49		0.017	0.007	38.92		0.738	0.217		0.009	0.006		0.000	0.000		0.000	0.000		2.37	2.37
TSTE	43	188	0.000	0.000	.		0.004	0.002	50.62		0.426	0.307		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00

Benthic Surveys Appendix: Table A5. Island-level estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for total scleractinians, genera and selected species on Ofu and Olosega 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

			Juvenile			Adult			Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)	density (# m ⁻²)	SE	CV (%)	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Ofu and Olosega																		
Total scleractinians	3	31	6.252	0.850	13.60	21.449	1.510	7.04	11.39	0.60	0.334	0.083	0.2615	0.0966	0.2776	0.0963	4.740	0.884
Genera																		
ACAS	3	31	0.014	0.014	99.63	0.069	0.025	35.87	9.61	1.34	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
ACSP	3	31	0.449	0.076	16.95	1.231	0.172	13.95	3.68	0.39	0.323	0.045	0.2895	0.2043	0.4048	0.2913	1.754	1.088
ALSP	3	31	0.011	0.011	100.19	0.022	0.016	73.45	10.96	3.69	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
ASSP	3	31	0.054	0.023	42.50	0.675	0.202	29.92	9.02	0.84	0.239	0.000	0.0000	0.0000	0.4923	0.4900	1.969	1.960
CASP	3	31	0.000	0.000	.	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
COES	3	31	0.000	0.000	.	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
COSP	3	31	0.000	0.000	.	0.063	0.023	36.49	10.25	1.61	0.581	0.320	0.0000	0.0000	0.0000	0.0000	0.000	0.000
CTSP	3	31	0.000	0.000	.	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
CYPS	3	31	0.068	0.033	48.24	0.213	0.048	22.47	15.86	2.89	1.046	0.594	0.0000	0.0000	2.2693	1.5237	0.000	0.000
CYSP	3	31	0.096	0.085	88.90	0.033	0.018	53.84	2.72	1.03	0.000	0.000	0.0000	0.0000	0.0000	0.0000	10.040	9.992
DISP	3	31	0.000	0.000	.	0.016	0.011	71.19	4.65	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
ECHL	3	31	0.054	0.044	81.68	0.067	0.033	49.25	7.35	1.72	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
ECHP	3	31	0.000	0.000	.	0.129	0.040	30.77	13.66	1.37	0.505	0.316	4.4296	4.3927	0.0000	0.0000	0.000	0.000
EUSP	3	31	0.000	0.000	.	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
FASP	3	31	0.534	0.151	28.24	1.460	0.212	14.54	14.60	1.61	0.088	0.055	0.0651	0.0655	0.1138	0.1140	2.494	0.879
FAVS	3	31	0.111	0.069	62.71	0.212	0.038	18.00	6.63	0.79	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
FUSP	3	31	0.506	0.163	32.19	1.480	0.495	33.43	0.12	0.05	0.273	0.206	0.0000	0.0000	0.0000	0.0000	9.325	3.128
GARS	3	31	0.000	0.000	.	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
GASP	3	31	0.064	0.025	39.20	1.234	0.192	15.60	8.31	0.90	0.026	0.034	0.0000	0.0000	0.3447	0.3434	2.285	0.818
GONS	3	31	0.473	0.149	31.54	2.412	0.400	16.59	12.95	1.02	0.257	0.096	0.3527	0.3514	0.3543	0.2851	1.281	0.617
GOSP	3	31	0.000	0.000	.	0.031	0.014	44.13	5.64	0.57	2.689	0.367	0.0000	0.0000	0.0000	0.0000	0.000	0.000
HASP	3	31	0.014	0.014	99.63	0.015	0.015	99.63	0.00	.	0.115	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
HERS	3	31	0.000	0.000	0.00	0.015	0.015	99.63	0.00	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
HESP	3	31	0.011	0.011	99.53	0.040	0.029	72.38	15.28	3.17	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
HYSP	3	31	0.000	0.000	.	0.065	0.025	38.46	5.85	1.34	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
ISSP	3	31	0.089	0.054	60.54	0.466	0.202	43.30	2.58	0.59	0.292	0.143	0.0000	0.0000	0.0000	0.0000	56.124	31.788
LEPS	3	31	0.168	0.046	27.51	0.412	0.060	14.46	8.37	1.40	0.000	0.000	0.0000	0.0000	0.0000	0.0000	13.406	3.719
LEPT	3	31	0.262	0.082	31.28	0.888	0.138	15.57	15.27	2.39	0.020	0.034	0.0000	0.0000	0.4790	0.4772	4.328	1.919
LESP	3	31	0.025	0.018	70.95	0.110	0.028	25.80	0.50	0.19	0.121	0.072	0.0000	0.0000	0.0000	0.0000	15.724	8.791
LOBS	3	31	0.028	0.019	65.90	0.074	0.034	46.35	11.65	3.94	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
MESP	3	31	0.000	0.000	.	0.039	0.016	41.14	8.22	0.99	0.000	0.000	0.0000	0.0000	0.0000	0.0000	5.633	5.644
MISP	3	31	0.000	0.000	.	0.012	0.006	49.54	15.80	0.75	0.775	0.367	0.0000	0.0000	0.0000	0.0000	0.000	0.000
MONS	3	31	0.583	0.162	27.81	1.661	0.216	13.03	16.42	1.46	0.221	0.171	0.0000	0.0000	0.2561	0.2552	4.737	1.458
MOSP	3	31	0.904	0.170	18.84	3.061	0.347	11.34	11.34	0.67	0.532	0.115	0.7757	0.3646	0.1085	0.1080	1.396	0.555
MYSF	3	31	0.000	0.000	.	0.020	0.011	53.07	0.64	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
OUSP	3	31	0.014	0.014	99.63	0.016	0.008	47.49	7.28	0.23	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
OXSP	3	31	0.000	0.000	.	0.032	0.026	80.27	2.42	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
PACS	3	31	0.000	0.000	.	0.007	0.007	99.52	2.33	.	2.325	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
PAVS	3	31	0.230	0.051	22.18	1.542	0.245	15.90	14.46	1.86	0.281	0.052	0.0000	0.0000	0.2759	0.2749	8.158	2.040
PLES	3	31	0.000	0.000	.	0.003	0.003	99.52	0.00	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000

Table A5 (cont'd).

			Juvenile				Adult				Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching		
			no. strata	n	density (# m ⁻²)		SE	CV (%)	density (# m ⁻²)		SE	CV (%)	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genera (con't)																					
	PLSP	3	31	0.127	0.055	43.25		0.674	0.093	13.74		9.87	1.21	0.130	0.065	1.7761	1.3590	0.0000	0.0000	3.999	2.278
	POCS	3	31	0.229	0.048	20.97		1.199	0.116	9.67		9.76	1.25	0.609	0.182	0.0000	0.0000	0.0000	0.0000	3.574	1.297
	POSP	3	31	0.624	0.167	26.73		1.270	0.210	16.55		13.61	1.05	0.286	0.129	0.1308	0.1310	0.9154	0.5660	3.231	1.384
	PSSP	3	31	0.313	0.090	28.80		0.292	0.048	16.39		5.20	0.89	0.000	0.000	0.0000	0.0000	1.4583	1.4529	3.670	2.681
	SASP	3	31	0.000	0.000	.		0.014	0.014	99.63		0.00	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	SCAS	3	31	0.006	0.006	99.17		0.003	0.003	99.52		0.00	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	STSP	3	31	0.161	0.060	37.45		0.054	0.015	27.77		15.17	1.56	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	STYS	3	31	0.014	0.014	99.63		0.021	0.013	61.84		0.00	0.00	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	SVSP	3	31	0.000	0.000	.		0.023	0.012	52.74		1.91	.	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	TURS	3	31	0.025	0.018	70.95		0.119	0.034	28.65		14.52	1.93	0.136	0.091	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	TUSP	3	31	0.000	0.000	.		0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
Species																					
	AABR	3	31	0.000	0.000	.		0.017	0.009	52.46		0.84	0.35	0.000	0.000	0.0000	0.0000	19.6679	19.5744	0.000	0.000
	AASP	3	31	0.000	0.000	.		0.021	0.015	70.76		0.33	0.33	0.698	.	0.0000	0.0000	0.0000	0.0000	48.214	47.985
	ACYT	3	31	0.000	0.000	.		0.003	0.003	99.53		0.00	0.00	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	AHEM	3	31	0.000	0.000	.		0.014	0.010	67.72		0.83	0.83	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	AHUM	3	31	0.000	0.000	.		0.018	0.010	58.37		1.11	0.94	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	AHYA	3	31	0.000	0.000	.		0.004	0.004	99.63		0.13	0.00	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	AISH	3	31	0.000	0.000	.		0.003	0.003	99.17		0.00	0.00	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	ALVE	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AMYS	3	31	0.003	0.003	100.64		0.550	0.175	31.85		5.12	0.96	0.319	0.000	0.0000	0.0000	0.6041	0.6012	2.416	2.405
	ANOB	3	31	39.000	0.000	.		0.060	0.058	96.93		0.45	0.00	0.421	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	APAN	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ASPE	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AVER	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	CCOL	3	31	0.000	0.000	.		0.031	0.013	42.67		1.11	0.75	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	CEXE	3	31	0.000	0.000	.		0.013	0.013	99.53		0.83	0.83	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	CMAY	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	DHEL	3	31	0.000	0.000	.		0.016	0.011	71.19		0.33	0.33	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	EGEM	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ELAM	3	31	0.000	0.000	.		0.038	0.026	69.14		2.42	0.43	0.061	.	14.9554	14.8311	0.0000	0.0000	0.000	0.000
	FMAT	3	31	0.000	0.000	.		0.042	0.019	46.32		3.18	1.00	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	FSTE	3	31	0.148	0.062	41.53		0.675	0.123	18.28		12.57	1.61	0.085	0.080	0.1409	0.1416	0.0000	0.0000	1.989	0.954
	GAAS	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GEDW	3	31	0.161	0.073	45.20		1.234	0.267	21.65		11.61	1.21	1.339	0.081	0.6892	0.6866	0.0000	0.0000	1.136	0.632
	GFAS	3	31	0.064	0.025	39.20		1.230	0.193	15.70		7.68	0.91	0.026	0.034	0.0000	0.0000	0.3459	0.3446	2.293	0.821
	GPEC	3	31	0.125	0.052	41.29		0.657	0.208	31.68		7.99	1.75	0.017	0.000	0.0000	0.0000	0.0000	0.0000	1.123	1.118
	GPLA	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GRET	3	31	0.019	0.013	69.56		0.172	0.035	20.20		7.32	1.49	0.220	0.187	0.0000	0.0000	0.0000	0.0000	1.659	1.648
	HCOE	3	31	0.011	0.011	99.53		0.040	0.029	72.38		0.00	0.00	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	HEXE	3	31	0.000	0.000	.		0.059	0.024	40.89		1.20	0.65	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.000	0.000
	HMIC	3	31	0.000	0.000	.		0.004	0.003	80.54		2.52	2.32	0.000	.	0.0000	0.0000	0.0000	0.0000	0.000	0.000

Table A5 (cont'd).

			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻³)	SE	CV (%)		density (# m ⁻³)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species (cont)																								
LBEW	3	31	0.000	0.000	.		0.013	0.010	72.81		0.33	0.35		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
LINC	3	31	0.025	0.018	70.95		0.027	0.015	56.00		0.25	0.19		0.000	0.000		0.0000	0.0000		0.0000	0.0000		24.975	16.886
LMYC	3	31	0.000	0.000	.		0.034	0.017	50.46		0.13	0.15		0.000	0.000		0.0000	0.0000		0.0000	0.0000		21.840	21.736
LPHY	3	31	0.168	0.046	27.51		0.412	0.060	14.46		6.34	1.24		0.000	0.000		0.0000	0.0000		0.0000	0.0000		13.406	3.719
LPRU	3	31	0.000	0.000	.		0.102	0.025	24.32		2.00	0.56		0.000	0.000		0.0000	0.0000		4.1843	4.1688		0.000	0.000
LPUR	3	31	0.144	0.057	39.12		0.478	0.084	17.58		14.66	2.78		0.000	0.000		0.0000	0.0000		0.0000	0.0000		8.047	3.568
LTRA	3	31	0.020	0.015	76.98		0.197	0.065	32.75		4.72	0.79		0.128	0.097		0.0000	0.0000		0.0000	0.0000		0.000	0.000
MAMP	3	31	0.000	0.000	.		0.030	0.014	45.94		1.49	0.49		0.000	0.000		0.0000	0.0000		0.0000	0.0000		7.416	7.430
MCAL	3	31	0.000	0.000	.		0.041	0.024	57.90		0.60	0.40		0.271	0.140		0.0000	0.0000		0.0000	0.0000		8.138	8.100
MCUR	3	31	0.278	0.102	36.87		0.926	0.128	13.79		13.71	1.88		0.557	0.494		0.0000	0.0000		0.4592	0.4575		6.924	2.256
MINC	3	31	0.000	0.000	.		0.010	0.010	99.53		0.55	0.55		1.744	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
MSCA	3	31	0.000	0.000	.		0.009	0.009	99.63		0.00	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
MVAL	3	31	0.011	0.011	99.53		0.107	0.033	31.20		8.86	1.29		0.256	0.180		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PCHI	3	31	0.039	0.022	55.02		0.271	0.057	20.93		4.32	0.85		0.077	0.000		0.0000	0.0000		0.0000	0.0000		1.226	1.221
PCYL	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDAM	3	31	0.000	0.000	.		0.002	0.002	100.19		0.83	0.84		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PDAN	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDIF	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDUE	3	31	0.000	0.000	.		0.062	0.033	53.72		3.30	1.02		0.479	0.000		0.0000	0.0000		0.0000	0.0000		2.667	2.672
PEYD	3	31	0.000	0.000	.		0.230	0.036	15.72		8.12	2.52		1.119	0.428		0.0000	0.0000		0.0000	0.0000		2.336	1.719
PHAI	3	31	0.313	0.090	28.80		0.242	0.042	17.33		3.51	0.91		0.000	0.000		0.0000	0.0000		1.7590	1.7525		4.426	3.234
PHOR	3	31	0.000	0.000	.		0.030	0.030	99.63		0.43	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PLDA	3	31	0.014	0.014	99.63		0.161	0.039	24.02		3.86	0.92		0.211	0.204		0.0000	0.0000		0.0000	0.0000		4.594	4.572
PLIC	3	31	0.074	0.033	44.55		0.406	0.117	28.73		5.45	1.03		0.010	0.018		0.0000	0.0000		0.0000	0.0000		2.274	1.366
PLOB	3	31	0.017	0.013	72.86		0.109	0.056	51.71		3.20	1.43		0.190	0.000		0.0000	0.0000		3.0433	3.0288		3.043	3.029
PLUT	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PLVE	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PMAL	3	31	0.025	0.018	70.95		0.120	0.064	53.32		5.30	2.06		0.549	0.000		0.0000	0.0000		0.0000	0.0000		6.163	6.133
PMEA	3	31	0.000	0.000	.		0.186	0.047	25.29		2.54	0.84		0.764	0.453		0.0000	0.0000		0.0000	0.0000		1.021	1.012
PMON	3	31	0.000	0.000	.		0.004	0.004	99.63		0.00	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PNIE	3	31	0.000	0.000	.		0.035	0.015	43.84		0.59	0.10		0.000	0.000		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PPIN	3	31	0.082	0.058	70.24		0.455	0.069	15.17		8.96	1.43		0.177	0.104		2.6325	2.0143		0.0000	0.0000		4.303	2.055
PRUG	3	31	0.000	0.000	.		0.007	0.007	99.53		0.17	0.17		2.325	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PRUS	3	31	0.025	0.025	99.17		0.148	0.082	55.27		3.13	0.76		0.607	0.219		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PSOL	3	31	0.000	0.000	.		0.007	0.007	99.63		2.13	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
PSTE	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PVAR	3	31	0.079	0.044	55.34		0.598	0.137	22.87		10.54	1.29		0.103	0.024		0.0000	0.0000		0.7117	0.7091		17.402	4.538
PVEN	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PWOO	3	31	0.000	0.000	.		0.016	0.012	70.74		0.00	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
SCYL	3	31	0.000	0.000	.		0.003	0.003	99.53		0.00	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000
SPIS	3	31	0.014	0.014	99.63		0.021	0.013	61.84		0.00	0.00		0.000	0.000		0.0000	0.0000		0.0000	0.0000		0.000	0.000
TMES	3	31	0.000	0.000	.		0.019	0.016	83.03		0.31	0.22		0.388	0.154		0.0000	0.0000		0.0000	0.0000		0.000	0.000
TPEL	3	31	0.000	0.000	.		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
TREN	3	31	0.025	0.018	70.95		0.058	0.021	35.90		3.63	1.31		0.073	0.055		0.0000	0.0000		0.0000	0.0000		0.000	0.000
TSTE	3	31	0.000	0.000	.		0.003	0.003	99.53		0.00	0.00		0.000	.		0.0000	0.0000		0.0000	0.0000		0.000	0.000

Benthic Surveys Appendix: Table A6. Island-level estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for total scleractinians, genera and selected species on Rose Atoll 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

Table A6 (cont'd).

				Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n		density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genera (con't)																									
	POCS	8	29	0.378	0.074	19.64		1.237	0.193	15.58		5.90	1.35		0.200	0.107		1.122	0.670		0.505	0.344		2.554	1.233
	POSP	8	29	0.611	0.191	31.18		0.504	0.123	24.37		11.09	0.72		0.100	0.051		0.000	0.000		1.979	1.026		17.636	8.380
	PSSP	8	29	0.014	0.009	62.58		0.294	0.081	27.48		10.14	0.86		1.431	0.061		1.418	1.408		0.471	0.474		1.418	1.408
	SASP	8	29	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	SCAS	8	29	0.000	0.000	0.00		0.001	0.001	96.68		1.69	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
	STSP	8	29	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	STYS	8	29	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	SYSP	8	29	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	TURS	8	29	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	TUSP	8	29	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
Species																									
	AABR	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AASP	8	29	0.000	0.000	0.00		0.139	0.138	99.66		2.02	0.00		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
	ACYT	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AHEM	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AHUM	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AHYA	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AISH	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	ALVE	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AMYR	8	29	0.073	0.057	77.83		1.245	0.749	60.21		6.56	0.50		0.243	0.098		0.139	0.135		0.677	0.675		1.571	0.109
	ANOB	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	APAN	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	ASPE	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AVER	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	CCOL	8	29	0.007	0.007	100.34		0.076	0.037	49.30		1.22	0.63		0.250	0.203		0.000	0.000		0.000	0.000		5.505	5.467
	CEXE	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	CMAY	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	DHEL	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	EGEM	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	ELAM	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	FMAT	8	29	0.011	0.009	82.05		0.267	0.203	75.94		3.52	0.51		0.006	0.012		0.000	0.000		0.000	0.000		0.000	0.000
	FSTE	8	29	0.014	0.014	99.32		0.188	0.052	27.79		5.71	1.20		3.380	0.135		0.000	0.000		3.483	2.316		1.477	1.462
	GAAS	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	GEDW	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	GFAS	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	GPEC	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	GPLA	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	GRET	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	HCOE	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	HEXE	8	29	0.000	0.000	0.00		0.004	0.004	100.33		0.21	0.24		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
	HMIC	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	HRIG	8	29	0.000	0.000	0.00		0.004	0.004	100.33		0.10	0.14		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000

Table A6 (cont'd).

			Juvenile				Adult				Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species(cont)																				
LBEW	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
LINC	8	29	0.000	0.000	102.77		0.051	0.031	61.07		0.93	0.52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LMYC	8	29	0.000	0.000	0.00		0.058	0.027	46.75		3.26	1.45	0.000	0.000	0.000	0.000	0.000	0.000	21.655	21.508
LPHY	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
LPRU	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
LPUR	8	29	0.211	0.196	93.19		0.027	0.018	64.93		1.55	0.44	0.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTRA	8	29	0.000	0.000	0.00		0.025	0.005	18.63		8.40	1.66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAMP	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
MCAL	8	29	0.000	0.000	0.00		0.011	0.009	82.35		2.53	0.00	0.000		0.000	0.000	0.000	0.000	80.179	79.910
MCUR	8	29	0.102	0.038	37.68		0.690	0.177	25.68		6.09	1.28	0.020	0.028	0.302	0.303	3.019	2.998	0.201	0.202
MINC	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
MSCA	8	29	0.000	0.000	0.00		0.002	0.002	98.52		0.00	0.00	0.000		0.000	0.000	0.000	0.000	0.000	0.000
MVAL	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PCHI	8	29	0.000	0.000	0.00		0.013	0.007	56.98		0.66	0.46	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PCYL	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PDAM	8	29	0.017	0.006	35.19		0.052	0.028	53.89		2.68	0.27	0.003	0.007	0.000	0.000	0.000	0.000	0.000	0.000
PDAN	8	29	0.000	0.000	0.00		0.009	0.009	99.66		0.00	0.00	0.000		0.000	0.000	0.000	0.000	0.000	0.000
PDIF	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PDUE	8	29	0.000	0.000	0.00		0.047	0.014	29.83		4.25	1.35	0.000	0.000	0.000	0.000	5.078	5.095	4.469	4.484
PEYD	8	29	0.000	0.000	0.00		0.079	0.036	45.25		1.81	1.02	0.452	0.318	0.000	0.000	0.000	0.000	0.000	0.000
PHAI	8	29	0.000	0.000	102.77		0.056	0.021	37.06		4.47	1.38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHOR	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PLDA	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PLIC	8	29	0.000	0.000	0.00		0.003	0.003	98.97		0.42	0.41	0.000		0.000	0.000	0.000	0.000	0.000	0.000
PLOB	8	29	0.216	0.136	62.79		0.142	0.073	51.41		1.03	0.50	0.163	0.000	0.000	0.000	0.000	0.000	37.365	30.055
PLUT	8	29	0.000	0.000	0.00		0.003	0.003	98.97		0.42	0.41	0.000		0.000	0.000	0.000	0.000	0.000	0.000
PLVE	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PMAL	8	29	0.006	0.006	98.52		0.073	0.040	55.05		2.33	0.97	0.313	0.202	0.000	0.000	0.000	0.000	0.000	0.000
PMEA	8	29	0.021	0.014	68.01		0.345	0.070	20.21		2.28	0.59	0.118	0.099	0.000	0.000	0.000	0.000	4.646	3.014
PMON	8	29	0.000	0.000	0.00		0.000	0.000	66.32		0.01	0.02	0.023	0.027	0.000	0.000	0.000	0.000	0.000	0.000
PNIE	8	29	0.014	0.009	63.62		0.212	0.092	43.41		3.20	0.91	1.479	0.068	1.970	1.956	0.655	0.658	1.970	1.956
PPIN	8	29	0.000	0.000	0.00		0.006	0.004	75.94		0.43	0.38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PRUG	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PRUS	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PSOL	8	29	0.000	0.000	0.00		0.005	0.004	89.71		1.33	1.08	0.000		0.000	0.000	0.000	0.000	0.000	0.000
PSTE	8	29	0.000	0.000	0.00		0.002	0.002	98.52		0.02	0.00	0.000		0.000	0.000	0.000	0.000	0.000	0.000
PVAR	8	29	0.020	0.010	53.15		0.101	0.019	18.74		5.34	1.39	0.760	0.379	0.000	0.000	2.928	2.235	0.000	0.000
PVEN	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
PWOO	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
SCYL	8	29	0.000	0.000	0.00		0.001	0.001	96.68		0.56	0.55	0.000		0.000	0.000	0.000	0.000	0.000	0.000
SPIS	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
TMES	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
TPEL	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
TREN	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								
TSTE	8	29	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00								

Benthic Appendix: Table A7. Island-level estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for total scleractinians, genera and selected species on Swains 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Swains																								
Total scleractinians	3	18	4.217	1.197	28.38		13.768	1.653	12.01		10.39	1.21		0.454	0.143		1.152	0.308		0.182	0.071		11.06	1.98
Genera																								
ACAS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ACSP	3	18	0.000	0.000	0.00		0.031	0.012	37.42		0.09	0.00		0.000	0.000		0.000	0.000		0.000	0.000		6.93	6.34
ALSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ASSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
CASP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
COES	3	18	0.000	0.000	0.00		0.000	0.000	100.67		0.00	.		0.000	.		0.000	0.000		0.000	0.000		.	.
COSP	3	18	0.029	0.029	99.15		0.129	0.059	45.57		19.39	5.51		0.136	0.110		0.000	0.000		0.000	0.000		0.00	0.00
CTSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
CYPS	3	18	0.000	0.000	0.00		0.000	0.000	100.67		0.11	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
CYSP	3	18	0.493	0.487	98.80		0.135	0.134	98.80		0.00	.		0.000	.		0.000	0.000		0.000	0.000		50.00	49.40
DISP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ECHL	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ECHP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
EUSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
FASP	3	18	0.000	0.000	0.00		0.042	0.020	46.56		11.23	5.38		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
FAVS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
FUSP	3	18	1.396	1.115	79.86		0.506	0.226	44.71		0.07	.		0.000	.		0.000	0.000		0.000	0.000		21.90	9.91
GARS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
GASP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
GONS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
GOSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
HASP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
HERS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
HESP	3	18	0.000	0.000	0.00		0.049	0.035	72.15		10.26	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
HYSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ISSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
LEPS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
LEPT	3	18	0.029	0.029	99.15		0.006	0.006	98.80		0.00	.		0.000	.		0.000	0.000		0.000	0.000		100.00	98.80
LESP	3	18	0.022	0.020	92.26		0.300	0.158	52.65		9.14	2.21		0.000	0.000		0.000	0.000		0.000	0.000		18.06	12.03
LOBS	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
MESP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
MISP	3	18	0.000	0.000	0.00		0.031	0.030	98.80		0.35	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MONS	3	18	0.000	0.000	0.00		0.023	0.019	80.59		6.57	.		0.000	.		0.000	0.000		0.000	0.000		26.43	26.11
MOSP	3	18	1.303	0.310	23.79		5.286	0.566	10.71		15.12	1.98		0.980	0.163		2.731	0.721		0.117	0.089		2.37	0.63
MYSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
QUSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
OXSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
PACS	3	18	0.000	0.000	0.00		0.006	0.006	98.80		3.70	.		0.000	.		0.000	0.000		0.000	0.000		100.00	98.80
PAVS	3	18	0.000	0.000	0.00		0.277	0.075	27.00		19.51	5.03		0.669	0.466		4.739	3.305		0.000	0.000		35.21	9.44
PLES	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
PLSP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.

Table A7 (cont'd).

			Juvenile				Adult				Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genera (con't)																				
	POCS	3	18	0.693	0.278	40.19	5.891	1.037	17.60		4.54	1.11	1.062	0.189	0.019	0.012	0.321	0.167	15.51	3.75
	POSP	3	18	0.163	0.075	46.11	0.776	0.163	20.98		9.94	1.51	0.035	0.027	0.000	0.000	0.000	0.000	4.98	2.16
	PSSP	3	18	0.000	0.000	0.00	0.255	0.120	46.96		17.79	6.25	0.103	0.000	0.000	0.000	0.000	0.000	2.41	2.38
	SASP	3	18	0.000	0.000	0.00	0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
	SCAS	3	18	0.000	0.000	0.00	0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
	STSP	3	18	0.000	0.000	0.00	0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
	STYS	3	18	0.090	0.051	56.59	0.104	0.034	32.66		5.05	0.61	0.000	0.000	0.000	0.000	0.000	0.000	50.61	17.60
	SYSP	3	18	0.000	0.000	0.00	0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
	TURS	3	18	0.000	0.000	0.00	0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
	TUSP	3	18	0.000	0.000	0.00	0.000	0.000	0.00		.	.	.	.	.	.	.	.	.	.
Species																				
	AABR	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AASP	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ACYT	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AHEM	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AHUM	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AHYA	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AISH	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ALVE	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AMYP	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ANOB	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	APAN	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ASPE	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	AVER	3	18	0.000	0.000	0.00	0.003	0.003	91.53		0.02	0.01	0.000	.	0.000	0.000	0.000	0.000	66.67	61.02
	CCOL	3	18	0.000	0.000	0.00	0.076	0.040	52.69		8.99	4.26	0.273	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	CEXE	3	18	0.029	0.029	99.15	0.053	0.052	97.48		0.33	0.32	0.000	.	0.000	0.000	0.000	0.000	66.38	64.98
	CMAY	3	18	0.000	0.000	0.00	0.000	0.000	100.67		0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
	DHEL	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	EGEM	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	ELAM	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	FMAT	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	FSTE	3	18	0.000	0.000	0.00	0.042	0.020	46.56		2.37	1.81	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	GAAS	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GEDW	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GFAS	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GPEC	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GPLA	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	GRET	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	HCOE	3	18	0.000	0.000	0.00	0.049	0.035	72.15		0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
	HEXE	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	HMIC	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
	HRIG	3	18	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.

Table A7 (cont'd).

			Juvenile				Adult				Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species (con't)																				
LBEW	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
LINC	3	18	0.022	0.020	92.26		0.300	0.158	52.65		6.02	2.03	0.000	0.000	0.000	0.000	0.000	0.000	18.06	12.03
LMYC	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
LPHY	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
LPRU	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
LPUR	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
LTRA	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
MAMP	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
MCAL	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
MCUR	3	18	0.000	0.000	0.00		0.023	0.019	80.59		1.25	0.30	0.000	.	0.000	0.000	0.000	0.000	26.43	26.11
MINC	3	18	0.000	0.000	0.00		0.005	0.005	91.53		0.09	0.08	0.011	.	0.000	0.000	0.000	0.000	0.00	0.00
MSCA	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
MVAL	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PCHI	3	18	0.000	0.000	0.00		0.013	0.012	95.34		1.87	0.06	0.273	.	0.000	0.000	0.000	0.000	96.44	95.28
PCYL	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PDAM	3	18	0.029	0.029	99.15		0.151	0.087	57.20		0.05	0.04	0.000	0.000	0.000	0.000	0.000	0.000	56.86	39.95
PDAN	3	18	0.000	0.000	0.00		0.004	0.004	100.38		0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDIF	3	18	0.000	0.000	0.00		0.006	0.006	98.80		4.93	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	3	18	0.000	0.000	0.00		0.078	0.026	32.70		14.31	5.47	1.092	0.528	16.766	11.694	0.000	0.000	30.44	14.58
PEYD	3	18	0.000	0.000	0.00		0.751	0.235	31.24		2.35	0.81	0.000	0.000	0.000	0.000	1.164	1.154	7.89	4.66
PHAI	3	18	0.000	0.000	0.00		0.048	0.022	46.39		3.03	2.10	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHOR	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PLDA	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PLIC	3	18	0.000	0.000	0.00		0.061	0.044	72.42		1.62	1.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	3	18	0.000	0.000	0.00		0.035	0.019	53.00		4.37	2.52	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLUT	3	18	0.031	0.030	98.80		0.030	0.025	82.29		1.33	0.33	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLVE	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PMAL	3	18	0.000	0.000	0.00		0.138	0.060	43.31		4.96	1.31	0.117	0.000	0.000	0.000	0.000	0.000	44.42	18.13
PMEA	3	18	0.211	0.202	95.63		0.535	0.250	46.70		1.82	0.70	2.463	0.000	0.000	0.000	1.089	1.093	23.16	13.20
PMON	3	18	0.000	0.000	0.00		0.031	0.018	59.28		1.63	0.00	0.000	.	0.000	0.000	0.000	0.000	20.00	19.76
PNIE	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PPIN	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PRUG	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PRUS	3	18	0.000	0.000	0.00		0.004	0.002	62.16		0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PSOL	3	18	0.000	0.000	0.00		0.019	0.012	65.19		0.44	0.43	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PSTE	3	18	0.000	0.000	0.00		0.031	0.023	74.81		2.08	0.00	0.205	.	0.000	0.000	0.000	0.000	20.00	19.76
PVAR	3	18	0.000	0.000	0.00		0.041	0.024	58.53		0.83	0.30	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVEN	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
PWOO	3	18	0.000	0.000	0.00		0.026	0.011	41.92		2.40	1.74	0.000	0.000	0.000	0.000	0.000	0.000	16.67	16.73
SCYL	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
SPIS	3	18	0.090	0.051	56.59		0.104	0.034	32.83		2.53	0.44	0.000	0.000	0.000	0.000	0.000	0.000	50.83	17.68
TMES	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
TPEL	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
TREN	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.
TSTE	3	18	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00	.	.	.	.	.	.	.	.

Benthic Surveys Appendix: Table A8. Island-level estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for total scleractinians, genera and species on Ta'u 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Ta'u																								
Total scleractinians	5	21	8.050	1.569	19.50		18.962	2.212	11.67		12.49	0.87		0.141	0.067		0.313	0.126		0.356	0.106		0.82	0.23
Genera																								
ACAS	5	21	0.073	0.025	34.33		0.077	0.020	25.85		11.82	1.65		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
ACSP	5	21	0.481	0.123	25.49		1.465	0.352	24.00		6.01	1.33		0.383	0.270		1.185	0.971		0.320	0.236		0.11	0.11
ALSP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ASSP	5	21	0.336	0.131	38.93		1.839	0.254	13.83		15.43	1.62		0.114	0.091		0.000	0.000		0.331	0.331		0.90	0.56
CASP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
COES	5	21	0.000	0.000	0.00		0.009	0.009	100.06		0.00			0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
COSP	5	21	0.000	0.000	0.00		0.016	0.009	58.67		12.21	3.03		0.000	0.000		0.000	0.000		0.000	0.000		19.33	19.34
CTSP	5	21	0.000	0.000	0.00		0.002	0.002	100.00		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
CYPS	5	21	0.088	0.053	59.94		0.167	0.027	16.05		21.02	4.28		0.053	0.000		0.000	0.000		6.365	4.802		0.00	0.00
CYSP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
DISP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
ECHL	5	21	0.027	0.022	84.62		0.044	0.027	61.40		3.77	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
ECHP	5	21	0.032	0.024	75.27		0.014	0.008	58.73		11.93	0.11		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
EUSP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
FASP	5	21	1.191	0.304	25.48		1.264	0.133	10.53		12.62	1.11		0.033	0.038		0.000	0.000		0.000	0.000		0.39	0.39
FAVS	5	21	0.240	0.190	79.02		0.274	0.057	20.61		6.38	1.02		0.008	0.017		0.000	0.000		0.000	0.000		0.58	0.58
FUSP	5	21	0.285	0.165	57.93		0.178	0.120	67.40		4.56	2.64		0.009	0.009		0.000	0.000		0.000	0.000		0.00	0.00
GARS	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
GASP	5	21	0.874	0.798	91.31		1.437	0.701	48.76		8.90	1.05		0.364	0.165		0.000	0.000		0.000	0.000		0.00	0.00
GONS	5	21	0.515	0.095	18.44		0.885	0.277	31.33		13.02	2.96		0.006	0.016		0.000	0.000		0.000	0.000		1.02	0.73
GOSP	5	21	0.000	0.000	0.00		0.006	0.004	66.21		4.11	0.67		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
HASP	5	21	0.000	0.000	0.00		0.007	0.007	99.79		0.00	.		0.595	.		0.000	0.000		0.000	0.000		0.00	0.00
HERS	5	21	0.000	0.000	0.00		0.023	0.011	50.80		2.48	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
HESP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
HYSP	5	21	0.027	0.014	50.24		0.062	0.017	26.65		35.16	0.20		0.537	0.542		0.000	0.000		0.000	0.000		0.00	0.00
ISSP	5	21	0.000	0.000	0.00		0.044	0.020	44.77		5.21	1.21		0.000	0.000		0.000	0.000		0.000	0.000		13.93	13.94
LEPS	5	21	0.066	0.033	49.76		0.337	0.070	20.91		8.02	2.00		0.000	0.000		0.000	0.000		0.000	0.000		3.37	2.41
LEPT	5	21	0.795	0.374	47.11		0.792	0.144	18.17		14.75	1.36		0.000	0.000		0.000	0.000		0.000	0.000		1.84	1.00
LESP	5	21	0.000	0.000	0.00		0.017	0.015	85.75		2.32	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LOBS	5	21	0.020	0.020	99.77		0.013	0.008	56.36		0.00	0.00		0.048	0.049		0.000	0.000		0.000	0.000		0.00	0.00
MESP	5	21	0.000	0.000	0.00		0.007	0.007	99.79		1.98	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MISP	5	21	0.000	0.000	0.00		0.061	0.026	42.55		9.12	2.16		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MONS	5	21	0.532	0.108	20.26		1.582	0.236	14.92		17.86	1.39		0.001	0.005		0.000	0.000		0.000	0.000		0.19	0.19
MOSP	5	21	1.098	0.248	22.58		5.314	0.905	17.03		14.49	1.16		0.288	0.108		0.371	0.156		0.229	0.228		0.29	0.18
MYSP	5	21	0.000	0.000	0.00		0.023	0.013	56.47		0.25	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
OUSP	5	21	0.000	0.000	0.00		0.016	0.009	55.14		5.48	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
OXSP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
PACS	5	21	0.000	0.000	0.00		0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
PAVS	5	21	0.167	0.036	21.57		0.559	0.186	33.24		13.02	2.09		0.101	0.105		0.000	0.000		2.046	1.310		2.42	1.21
PLES	5	21	0.000	0.000	0.00		0.008	0.006	72.79		22.04	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PLSP	5	21	0.134	0.045	33.76		0.683	0.205	29.98		9.08	1.60		0.110	0.096		0.000	0.000		0.000	0.000		2.19	1.16

Table A8 (cont'd).

			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genera (con't)																								
	POCS	5	21	0.413	0.145	35.00	0.433	0.069	15.83		6.78	1.67		0.090	0.059		1.519	0.815		0.000	0.000		1.77	1.00
	POSP	5	21	0.447	0.193	43.18	1.103	0.252	22.88		16.18	3.78		0.145	0.081		1.427	1.020		2.031	0.832		2.68	1.77
	PSSP	5	21	0.182	0.078	43.07	0.127	0.022	17.09		14.34	2.25		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
	SASP	5	21	0.000	0.000	0.00	0.008	0.007	84.62		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	SCAS	5	21	0.000	0.000	0.00	0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	STSP	5	21	0.000	0.000	0.00	0.010	0.008	77.43		10.99	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	STYS	5	21	0.000	0.000	0.00	0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
	SYSP	5	21	0.000	0.000	0.00	0.029	0.022	75.38		0.00	.		2.854	.		0.000	0.000		0.000	0.000		0.00	0.00
	TURS	5	21	0.026	0.021	82.03	0.082	0.051	62.79		19.88	6.49		0.067	0.066		0.000	0.000		0.000	0.000		3.71	3.71
	TUSP	5	21	0.000	0.000	0.00	0.000	0.000	0.00		.	.		.	.		.	.		.	.		.	.
Species																								
	AABR	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AASP	5	21	0.015	0.011	74.17	0.006	0.003	54.88		0.54	0.36		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
	ACYT	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AHEM	5	21	0.000	0.000	0.00	0.003	0.003	100.06		0.15	0.17		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	AHUM	5	21	0.000	0.000	0.00	0.006	0.004	70.56		0.30	0.32		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	AHYA	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AISH	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	ALVE	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AMYR	5	21	0.125	0.035	27.78	1.179	0.214	18.17		14.72	1.90		0.130	0.108		0.000	0.000		0.516	0.517		0.89	0.56
	ANOB	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	APAN	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	ASPE	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	AVER	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	CCOL	5	21	0.000	0.000	0.00	0.003	0.003	100.06		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	CEXE	5	21	0.000	0.000	0.00	0.003	0.003	100.06		0.76	0.77		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	CMAY	5	21	0.000	0.000	0.00	0.009	0.009	100.06		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		33.33	33.35
	DHEL	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	EGEM	5	21	0.010	0.010	100.06	0.003	0.003	100.06		0.61	0.62		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	ELAM	5	21	0.022	0.022	99.79	0.007	0.007	99.79		0.20	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	FMAT	5	21	0.000	0.000	0.00	0.020	0.008	40.30		1.01	0.60		0.476	0.397		0.000	0.000		0.000	0.000		0.00	0.00
	FSTE	5	21	0.076	0.050	65.57	0.262	0.071	27.15		11.98	2.20		0.011	0.011		0.000	0.000		0.000	0.000		1.24	1.24
	GAAS	5	21	0.020	0.020	99.77	0.002	0.002	100.00		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	GEDW	5	21	0.054	0.024	44.47	0.249	0.117	47.00		7.26	2.72		0.000	0.000		0.000	0.000		0.000	0.000		1.22	1.22
	GFAS	5	21	0.852	0.800	94.00	1.435	0.701	48.82		7.98	1.09		0.364	0.165		0.000	0.000		0.000	0.000		0.00	0.00
	GPEC	5	21	0.221	0.029	13.27	0.162	0.048	29.38		9.17	2.60		0.000	0.000		0.000	0.000		0.000	0.000		0.83	0.82
	GPLA	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	GRET	5	21	0.044	0.031	70.46	0.254	0.108	42.78		6.67	2.13		0.014	0.021		0.000	0.000		0.000	0.000		1.20	1.20
	HCOE	5	21	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	HEXE	5	21	0.016	0.012	74.70	0.027	0.016	57.41		2.72	0.06		0.537	0.542		0.000	0.000		0.000	0.000		0.00	0.00
	HMIC	5	21	0.011	0.011	99.58	0.013	0.006	46.54		1.92	1.84		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
	HRIG	5	21	0.000	0.000	0.00	0.007	0.007	99.79		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00

Table A8 (cont'd).

			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species (con't)																								
LBEW	5	21	0.000	0.000	0.00		0.054	0.027	49.33		2.24	0.99		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LINC	5	21	0.000	0.000	0.00		0.007	0.007	99.79		1.32	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LMYC	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	5	21	0.066	0.033	49.76		0.337	0.070	20.91		8.63	2.20		0.000	0.000		0.000	0.000		0.000	0.000		3.37	2.41
LPRU	5	21	0.000	0.000	0.00		0.096	0.034	35.14		3.72	0.79		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LPUR	5	21	0.541	0.392	72.37		0.486	0.092	18.99		16.49	2.23		0.000	0.000		0.000	0.000		0.000	0.000		2.99	1.63
LTRA	5	21	0.073	0.049	66.69		0.119	0.036	30.52		8.11	2.28		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MAMP	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
MCAL	5	21	0.000	0.000	0.00		0.062	0.024	38.19		7.61	3.13		0.238	0.204		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	5	21	0.300	0.097	32.39		0.812	0.131	16.09		15.25	1.21		0.001	0.005		0.000	0.000		0.000	0.000		0.00	0.00
MINC	5	21	0.000	0.000	0.00		0.002	0.002	100.00		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MSCA	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
MVAL	5	21	0.000	0.000	0.00		0.063	0.030	46.82		7.04	2.55		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	5	21	0.002	0.002	100.34		0.146	0.061	41.97		8.39	2.67		0.140	0.152		0.000	0.000		6.452	5.035		4.17	4.16
PCYL	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDAM	5	21	0.000	0.000	0.00		0.003	0.003	100.06		0.46	0.47		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PDAN	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDIF	5	21	0.000	0.000	0.00		0.007	0.007	99.79		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PDUE	5	21	0.000	0.000	0.00		0.020	0.013	64.47		0.93	0.89		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PEYD	5	21	0.000	0.000	0.00		0.059	0.020	33.20		0.00	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PHAI	5	21	0.179	0.078	43.27		0.112	0.024	21.37		4.19	1.36		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PHOR	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PLDA	5	21	0.031	0.023	74.10		0.194	0.059	30.24		4.87	2.21		0.000	0.000		0.000	0.000		0.000	0.000		6.08	3.91
PLIC	5	21	0.030	0.030	99.81		0.083	0.076	91.51		0.73	0.55		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PLOB	5	21	0.012	0.006	47.88		0.251	0.089	35.54		7.94	1.97		0.023	0.023		0.000	0.000		4.040	2.965		9.33	6.35
PLUT	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PLVE	5	21	0.000	0.000	0.00		0.003	0.003	100.06		1.22	1.23		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PMAL	5	21	0.000	0.000	0.00		0.025	0.022	87.59		0.19	0.10		0.134	.		0.000	0.000		0.000	0.000		0.00	0.00
PMEA	5	21	0.000	0.000	0.00		0.060	0.027	44.42		4.42	2.84		0.119	0.078		5.080	5.083		0.000	0.000		0.00	0.00
PMON	5	21	0.000	0.000	0.00		0.019	0.014	71.45		1.37	1.22		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PNIE	5	21	0.000	0.000	0.00		0.006	0.004	54.07		1.60	1.53		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PPIN	5	21	0.064	0.025	39.30		0.407	0.123	30.09		7.96	1.47		0.058	0.055		0.000	0.000		0.000	0.000		0.39	0.39
PRUG	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PRUS	5	21	0.054	0.045	83.25		0.102	0.093	91.05		1.97	0.47		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PSTE	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PVAR	5	21	0.082	0.040	48.24		0.114	0.055	48.28		6.02	2.64		0.124	0.000		0.000	0.000		1.771	0.592		3.86	2.92
PVEN	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PWOO	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
SCYL	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
SPIS	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
TMES	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
TPEL	5	21	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
TREN	5	21	0.020	0.020	100.06		0.066	0.046	69.61		1.62	0.90		0.000	0.000		0.000	0.000		0.000	0.000		4.63	4.64
TSTE	5	21	0.000	0.000	0.00		0.004	0.003	75.76		2.13	2.14		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00

Benthic Appendix: Table A9. Island-level estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for total scleractinians, genera and selected species on Tutuila 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

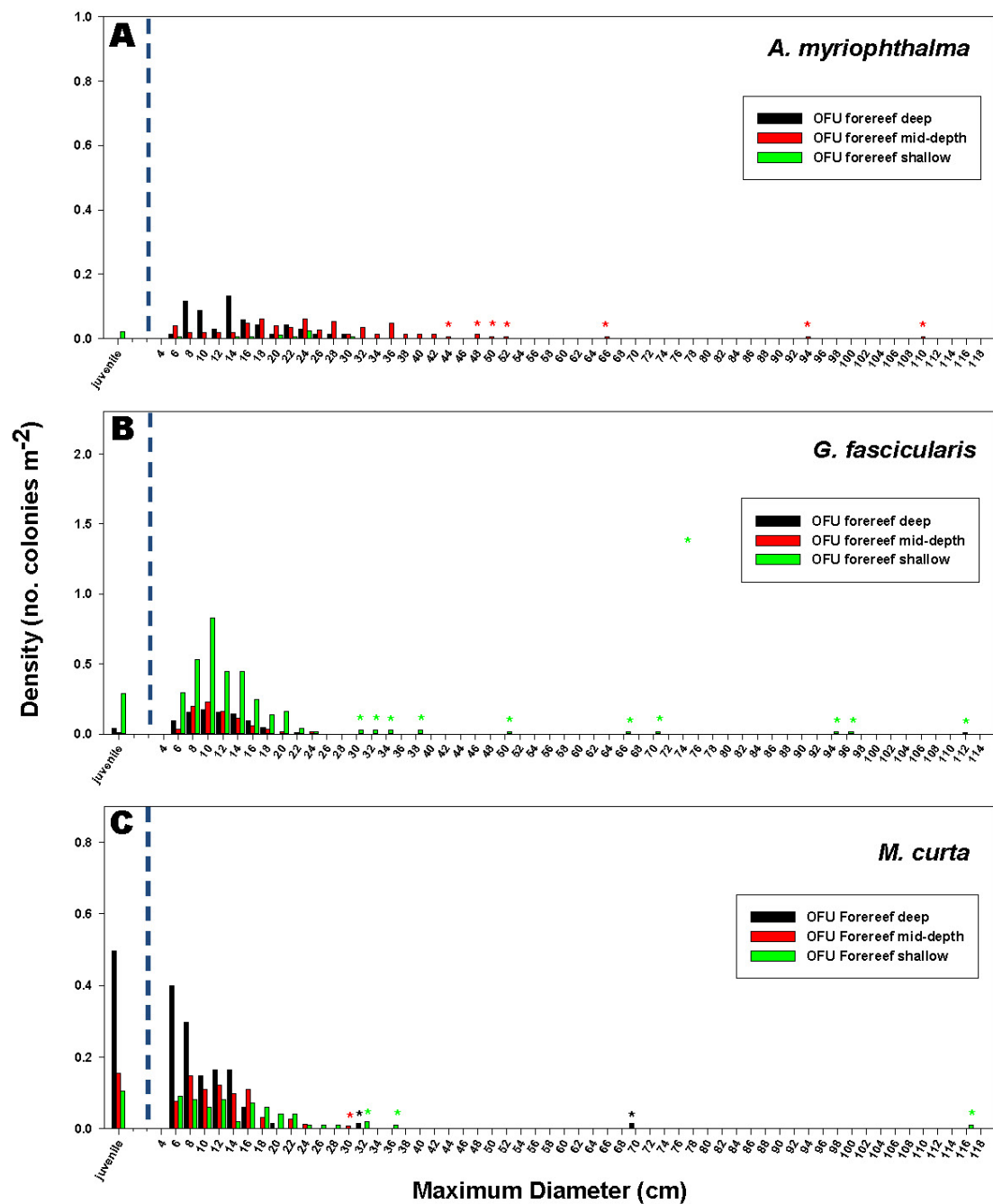
			Juvenile			Adult			Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)	density (# m ⁻²)	SE	CV (%)	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Tutuila																		
Total scleractinians	24	89	3.010	0.287	9.54	11.085	0.775	6.99	11.13	0.60	0.447	0.067	0.654	0.128	0.266	0.068	7.33	1.06
Genera																		
ACAS	24	89	0.015	0.013	86.32	0.025	0.009	36.85	12.41	1.83	0.000	0.000	0.000	0.000	0.000	0.000	9.31	6.58
ACSP	24	89	0.146	0.034	23.48	0.705	0.102	14.52	8.27	1.29	0.438	0.145	0.103	0.098	0.328	0.212	7.69	2.25
ALSP	24	89	0.029	0.016	52.84	0.017	0.009	50.08	1.46	0.58	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
ASSP	24	89	0.037	0.015	39.49	0.210	0.046	21.96	7.72	1.50	0.053	0.025	0.353	0.353	0.000	0.000	9.03	5.07
CASP	24	89	0.000	0.000	0.00	0.000	0.000	73.63	0.01	.	0.000	.	0.000	0.000	0.000	0.000	66.04	66.27
COES	24	89	0.000	0.000	0.00	0.002	0.001	93.055	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
COSP	24	89	0.000	0.000	0.00	0.040	0.013	32.431	12.27	0.91	0.100	0.007	0.000	0.000	0.000	0.000	4.37	3.98
CTSP	24	89	0.000	0.000	0.00	0.003	0.002	73.62	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CYPSP	24	89	0.004	0.003	70.77	0.047	0.013	27.63	14.17	0.35	0.000	0.000	0.000	0.000	1.583	1.583	3.38	3.37
CYSP	24	89	0.000	0.000	90.45	0.017	0.006	34.39	0.25	0.13	0.081	0.053	0.000	0.000	3.656	3.658	0.82	0.80
DISP	24	89	0.006	0.006	99.84	0.012	0.004	30.20	3.48	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ECHL	24	89	0.022	0.012	56.28	0.017	0.009	56.67	2.87	0.02	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
ECHP	24	89	0.003	0.003	100.09	0.030	0.009	30.77	9.49	1.35	0.125	0.067	0.000	0.000	0.000	0.000	2.54	2.32
EUSP	24	89	0.000	0.000	0.00	0.001	0.001	99.77	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FASP	24	89	0.057	0.017	30.25	0.245	0.045	18.23	16.20	1.66	0.066	0.015	0.000	0.000	0.000	0.000	7.36	3.37
FAVS	24	89	0.015	0.011	71.77	0.084	0.020	24.26	8.59	1.25	0.048	0.044	1.284	1.284	0.000	0.000	3.47	3.37
FUSP	24	89	0.024	0.010	41.65	0.114	0.033	29.00	0.72	0.09	0.403	0.000	0.000	0.000	0.932	0.929	0.18	0.12
GARS	24	89	0.000	0.000	0.00	0.000	0.000	79.40	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GASP	24	89	0.060	0.014	24.11	0.886	0.430	48.53	4.31	0.61	0.039	0.031	0.000	0.000	0.000	0.000	7.03	5.85
GONS	24	89	0.007	0.007	99.85	0.084	0.020	23.80	14.21	1.90	0.004	0.004	0.000	0.000	0.000	0.000	7.20	3.82
GOSP	24	89	0.000	0.000	0.00	0.003	0.002	74.34	0.44	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HASP	24	89	0.000	0.000	0.00	0.001	0.001	100.11	0.00	.	1.208	.	0.000	0.000	0.000	0.000	0.00	0.00
HERS	24	89	0.000	0.000	0.00	0.017	0.004	21.55	0.00	.	0.100	.	0.000	0.000	0.000	0.000	0.00	0.00
HESP	24	89	0.000	0.000	0.00	0.003	0.002	79.45	0.30	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HYSB	24	89	0.003	0.002	83.07	0.058	0.016	26.73	6.09	1.04	0.707	0.404	0.000	0.000	1.277	1.277	8.32	3.63
ISSP	24	89	0.037	0.029	78.78	0.547	0.181	33.03	5.45	1.14	0.339	0.078	1.260	0.555	0.000	0.000	24.31	8.77
LEPS	24	89	0.007	0.005	70.90	0.057	0.011	19.68	6.48	0.64	0.000	0.000	0.000	0.000	0.000	0.000	15.02	10.18
LEPT	24	89	0.207	0.048	23.38	0.564	0.060	10.60	16.27	1.53	0.018	0.013	0.000	0.000	0.000	0.000	4.26	1.48
LESP	24	89	0.000	0.000	0.00	0.064	0.020	31.52	7.10	1.43	0.607	0.417	0.000	0.000	2.625	2.621	6.38	3.89
LOBS	24	89	0.002	0.002	100.05	0.011	0.005	45.78	8.08	1.99	0.000	0.000	0.000	0.000	0.000	0.000	5.76	5.76
MESP	24	89	0.011	0.011	100.05	0.026	0.017	64.21	1.00	0.20	0.015	0.007	0.000	0.000	0.000	0.000	0.00	0.00
MISP	24	89	0.004	0.004	99.77	0.031	0.011	35.14	7.17	0.42	0.000	0.000	0.000	0.000	0.000	0.000	0.20	0.16
MONS	24	89	0.187	0.038	20.11	0.771	0.115	14.98	16.47	1.48	0.396	0.061	0.370	0.261	0.609	0.572	29.11	8.01
MOSP	24	89	1.023	0.124	12.15	3.223	0.254	7.90	10.37	1.07	0.652	0.150	1.249	0.324	0.075	0.050	1.53	0.33
MYSP	24	89	0.000	0.000	0.00	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
OUPSP	24	89	0.002	0.002	100.02	0.001	0.001	99.79	0.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
OXSP	24	89	0.000	0.000	0.00	0.000	0.000	0.00	.	.	.	.	.	.	.	.	.	.
PACS	24	89	0.000	0.000	0.00	0.011	0.005	46.06	2.34	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PAVS	24	89	0.244	0.060	24.70	0.965	0.103	10.65	10.59	1.16	0.115	0.030	0.555	0.371	0.508	0.267	6.33	1.31
PLES	24	89	0.000	0.000	0.00	0.000	0.000	96.72	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A9 (cont'd).

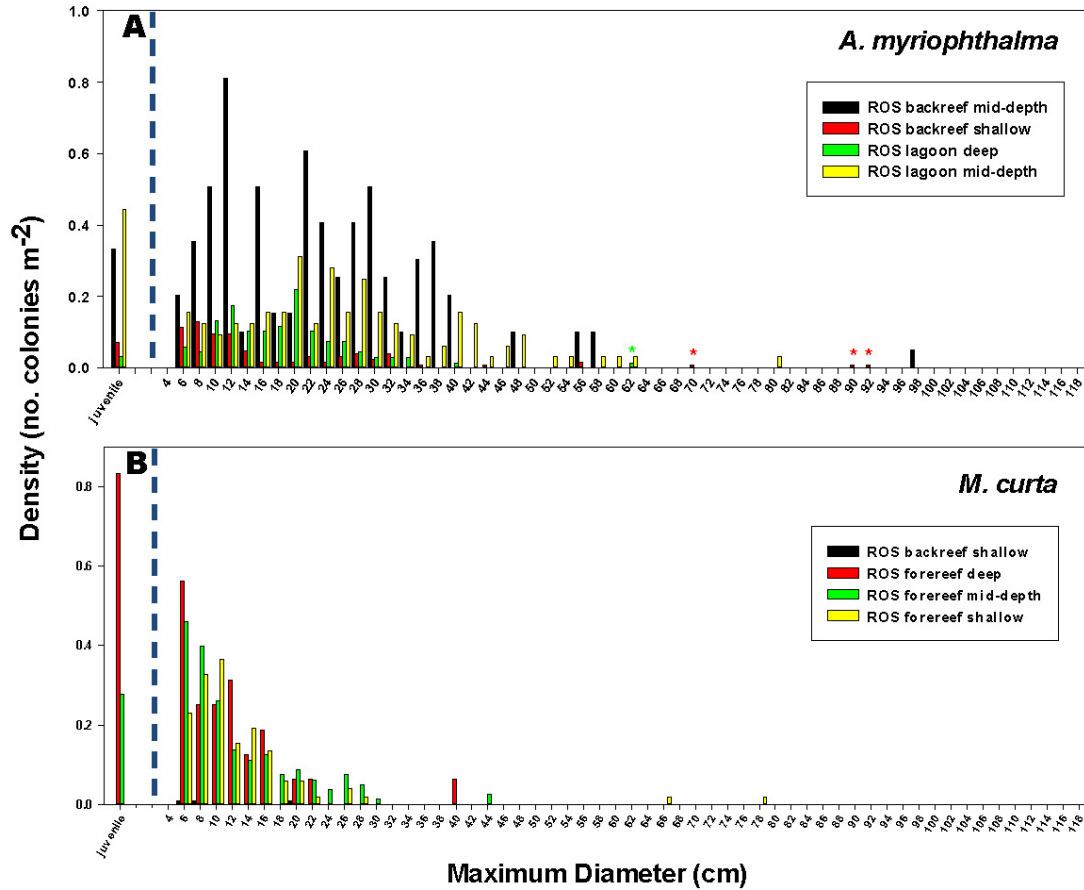
			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genera (con't)																								
	PLSP	24	89	0.004	0.004	99.76	0.041	0.009	22.63		6.41	0.35		0.327	0.000		0.000	0.000		0.000	0.000		6.83	5.20
	POCS	24	89	0.146	0.026	17.83	0.567	0.089	15.73		9.49	1.42		0.889	0.132		0.922	0.442		0.000	0.000		5.31	1.11
	POSP	24	89	0.630	0.185	29.30	1.241	0.150	12.08		11.77	1.17		0.651	0.140		0.696	0.391		0.561	0.222		7.15	2.54
	PSSP	24	89	0.069	0.020	29.19	0.212	0.026	12.05		10.19	1.47		0.643	0.355		0.000	0.000		1.572	1.270		1.50	0.92
	SASP	24	89	0.000	0.000	0.00	0.020	0.011	56.08		0.00	0.00		0.908	0.000		0.000	0.000		0.000	0.000		0.00	0.00
	SCAS	24	89	0.000	0.000	0.00	0.003	0.003	99.91		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	STSP	24	89	0.005	0.002	32.11	0.027	0.008	30.00		5.72	0.67		6.613	0.000		2.519	2.522		0.000	0.000		2.71	2.71
	STYS	24	89	0.011	0.009	86.94	0.103	0.057	55.07		4.18	0.12		0.074	0.017		0.000	0.000		0.000	0.000		7.91	4.29
	SYSP	24	89	0.000	0.000	0.00	0.004	0.003	70.37		0.59	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	TURS	24	89	0.000	0.000	0.00	0.011	0.005	46.19		1.74	.		0.663	.		0.000	0.000		0.000	0.000		0.00	0.00
	TUSP	24	89	0.000	0.000	0.00	0.000	0.000	100.66		0.02	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
Species																								
	AABR	24	89	0.000	0.000	0.00	0.007	0.004	53.15		0.48	0.33		0.007	0.000		0.569	0.576		0.000	0.000		18.99	18.39
	AASP	24	89	0.000	0.000	0.00	0.000	0.000	96.72		0.04	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	ACYT	24	89	0.002	0.002	100.05	0.033	0.021	63.08		0.09	0.09		0.000	0.000		0.000	0.000		0.840	0.822		0.00	0.00
	AHEM	24	89	0.000	0.000	0.00	0.007	0.007	91.81		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	AHUM	24	89	0.000	0.000	0.00	0.006	0.003	49.87		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	AHYA	24	89	0.000	0.000	0.00	0.022	0.006	28.98		0.53	0.21		0.167	0.058		0.000	0.000		0.000	0.000		13.02	7.09
	AISH	24	89	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	ALVE	24	89	0.016	0.012	75.82	0.010	0.007	66.73		0.11	0.08		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	AMYR	24	89	0.015	0.010	62.80	0.176	0.042	24.07		4.50	1.22		0.076	0.015		0.422	0.422		0.000	0.000		7.73	5.87
	ANOB	24	89	0.000	0.000	0.00	0.002	0.002	79.48		0.17	0.16		0.000	0.000		0.000	0.000		0.000	0.000		78.55	78.41
	APAN	24	89	0.000	0.000	0.00	0.024	0.010	39.63		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		18.56	13.53
	ASPE	24	89	0.000	0.000	0.00	0.002	0.002	99.83		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	AVER	24	89	0.000	0.000	0.00	0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
	CCOL	24	89	0.000	0.000	0.00	0.027	0.008	31.03		2.80	0.83		0.000	0.000		0.000	0.000		0.000	0.000		5.91	5.90
	CEXE	24	89	0.000	0.000	0.00	0.002	0.002	77.58		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	CMAY	24	89	0.000	0.000	0.00	0.002	0.001	93.06		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	DHEL	24	89	0.006	0.006	99.84	0.012	0.004	30.20		2.49	0.08		0.000	0.012		0.000	0.000		0.000	0.000		0.00	0.00
	EGEM	24	89	0.000	0.000	0.00	0.007	0.004	61.19		0.30	0.04		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	ELAM	24	89	0.000	0.000	0.00	0.013	0.007	57.10		1.31	0.62		0.242	.		0.000	0.000		0.000	0.000		5.87	5.37
	FMAT	24	89	0.011	0.009	83.18	0.029	0.009	30.84		1.51	0.60		0.000	0.000		0.000	0.000		0.000	0.000		7.35	7.34
	FSTE	24	89	0.004	0.004	100.08	0.062	0.021	33.69		5.38	2.13		0.104	0.017		0.000	0.000		0.000	0.000		10.26	7.30
	GAAS	24	89	0.000	0.000	0.00	0.000	0.000	79.40		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	GEDW	24	89	0.000	0.000	0.00	0.007	0.005	64.00		0.83	0.64		0.000	.		0.000	0.000		0.000	0.000		23.02	20.86
	GPEC	24	89	0.000	0.000	0.00	0.028	0.008	29.16		1.37	0.65		0.000	0.000		0.000	0.000		0.000	0.000		12.92	6.54
	GPLA	24	89	0.000	0.000	0.00	0.000	0.000	79.40		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	GRET	24	89	0.000	0.000	0.00	0.025	0.013	51.72		2.96	1.64		0.004	0.004		0.000	0.000		0.000	0.000		3.31	3.12
	HCOE	24	89	0.000	0.000	0.00	0.001	0.001	100.04		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
	HEXE	24	89	0.003	0.002	83.07	0.016	0.006	36.35		0.73	0.33		0.187	0.108		0.000	0.000		0.000	0.000		1.26	1.27
	HMIC	24	89	0.000	0.000	0.00	0.040	0.013	32.59		1.81	0.96		0.519	0.390		0.000	0.000		1.838	1.838		11.26	5.19
	HRIG	24	89	0.000	0.000	0.00	0.000	0.000	93.37		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		66.67	62.25

Table A9 (cont'd).

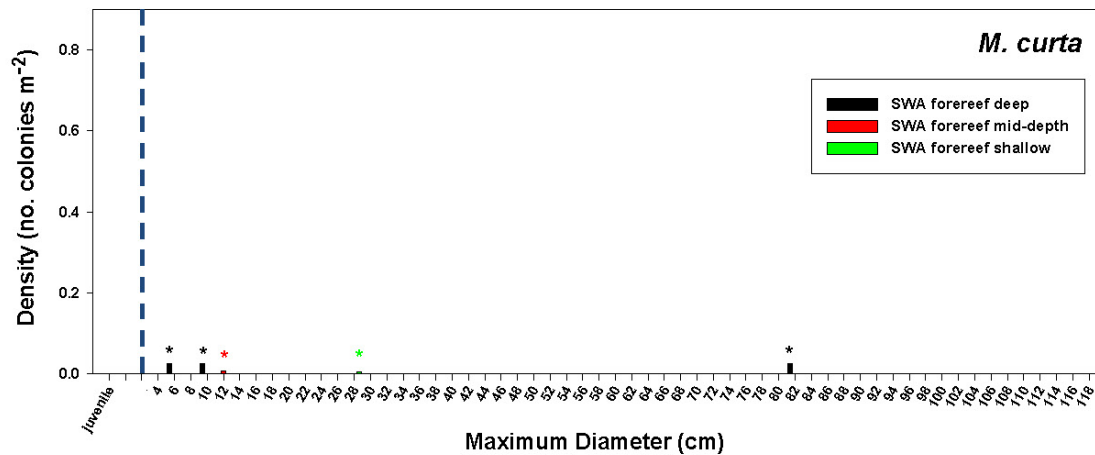
			Juvenile				Adult				Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	no. strata	n	density (# m ⁻²)	SE	CV (%)		density (# m ⁻²)	SE	CV (%)		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species (cont)																								
LBEW	24	89	0.018	0.018	99.79		0.021	0.010	49.47		1.61	1.07		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LINC	24	89	0.000	0.000	0.00		0.033	0.017	51.36		0.91	0.48		0.000	0.000		0.000	0.000		5.009	5.000		7.08	5.41
LMYC	24	89	0.000	0.000	0.00		0.000	0.000	90.45		0.01	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	24	89	0.007	0.005	70.90		0.057	0.011	19.68		1.97	0.74		0.000	0.000		0.000	0.000		0.000	0.000		15.02	10.18
LPRU	24	89	0.000	0.000	0.00		0.009	0.003	38.00		0.39	0.19		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LPUR	24	89	0.087	0.031	35.47		0.326	0.044	13.43		9.23	1.24		0.016	0.014		0.000	0.000		0.000	0.000		6.69	2.54
LTRA	24	89	0.059	0.032	55.06		0.167	0.022	13.02		5.14	0.79		0.005	0.000		0.000	0.000		0.000	0.000		0.89	0.04
MAMP	24	89	0.000	0.000	0.00		0.002	0.001	84.39		0.03	0.03		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCAL	24	89	0.002	0.002	100.05		0.030	0.011	35.56		1.26	0.49		0.021	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	24	89	0.148	0.036	24.52		0.619	0.108	17.40		12.50	1.63		0.697	0.062		0.460	0.325		0.495	0.474		29.52	9.49
MINC	24	89	0.000	0.000	0.00		0.000	0.000	90.45		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MSCA	24	89	0.011	0.011	100.05		0.014	0.014	100.04		0.05	0.05		0.030	.		0.000	0.000		0.000	0.000		0.00	0.00
MVAL	24	89	0.000	0.000	0.00		0.002	0.001	53.42		0.80	0.58		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	24	89	0.049	0.025	51.70		0.178	0.046	25.95		4.33	0.96		0.000	0.000		0.000	0.000		1.303	0.922		1.45	1.45
PCYL	24	89	0.009	0.007	77.43		0.053	0.049	92.00		0.44	0.31		0.005	.		0.000	0.000		0.000	0.000		0.00	0.00
PDAM	24	89	0.006	0.005	78.93		0.003	0.003	95.67		0.15	0.15		0.000	0.000		0.000	0.000		0.000	0.000		2.39	1.73
PDAN	24	89	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDIF	24	89	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PDUE	24	89	0.000	0.000	93.37		0.008	0.004	47.97		1.38	0.73		0.211	0.076		39.994	39.956		0.000	0.000		10.12	8.07
PEYD	24	89	0.000	0.000	0.00		0.090	0.016	17.73		3.14	0.72		0.513	0.039		1.114	1.111		0.000	0.000		7.03	3.35
PHAI	24	89	0.056	0.018	32.28		0.151	0.023	15.51		4.71	0.95		0.753	0.451		0.000	0.000		2.204	1.780		0.49	0.49
PHOR	24	89	0.000	0.000	0.00		0.029	0.021	71.49		1.34	0.43		0.000	.		0.000	0.000		0.000	0.000		77.54	70.10
PLDA	24	89	0.000	0.000	0.00		0.008	0.004	53.92		0.15	0.09		0.000	0.000		0.000	0.000		0.000	0.000		10.76	10.76
PLIC	24	89	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PLOB	24	89	0.038	0.017	43.83		0.147	0.036	24.86		4.52	0.97		0.548	0.081		1.075	1.072		1.928	1.052		16.17	6.99
PLUT	24	89	0.000	0.000	0.00		0.003	0.002	57.09		0.28	0.28		0.000	0.000		0.000	0.000		23.542	23.569		0.00	0.00
PLVE	24	89	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PMAL	24	89	0.009	0.009	99.79		0.042	0.017	39.89		1.44	0.70		0.031	0.000		0.000	0.000		0.000	0.000		6.15	4.23
PMEA	24	89	0.000	0.000	100.67		0.140	0.027	19.54		4.66	1.44		1.556	0.179		1.172	1.127		0.000	0.000		4.80	2.41
PMON	24	89	0.009	0.009	100.05		0.004	0.003	64.48		0.09	0.07		0.000	0.000		0.000	0.000		0.000	0.000		0.74	0.67
PNIE	24	89	0.012	0.009	72.98		0.048	0.012	24.54		2.97	0.69		0.079	0.013		0.000	0.000		0.000	0.000		3.28	3.28
PPIN	24	89	0.000	0.000	0.00		0.020	0.005	26.75		1.52	0.42		0.000	0.000		0.000	0.000		0.000	0.000		9.98	9.97
PRUG	24	89	0.000	0.000	0.00		0.003	0.003	100.11		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PRUS	24	89	0.273	0.179	65.43		0.496	0.119	24.02		4.23	0.77		0.672	0.213		1.276	0.916		0.159	0.159		0.65	0.42
PSOL	24	89	0.000	0.000	0.00		0.001	0.001	76.70		0.06	0.07		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSTE	24	89	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
PVAR	24	89	0.139	0.047	33.84		0.518	0.069	13.40		7.57	1.34		0.126	0.045		0.241	0.241		0.498	0.382		9.15	2.17
PVEN	24	89	0.000	0.000	0.00		0.002	0.002	99.82		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PWOO	24	89	0.000	0.000	0.00		0.002	0.002	77.95		0.20	0.18		0.000	.		0.000	0.000		0.000	0.000		26.62	26.63
SCYL	24	89	0.000	0.000	0.00		0.003	0.003	99.91		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
SPIS	24	89	0.011	0.009	86.94		0.102	0.056	55.21		1.10	0.51		0.076	0.016		0.000	0.000		0.000	0.000		8.00	4.34
TMES	24	89	0.000	0.000	0.00		0.000	0.000	0.00		0.00	0.00		.	.		.	.		.	.		.	.
TPEL	24	89	0.000	0.000	0.00		0.001	0.001	99.76		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
TREN	24	89	0.000	0.000	0.00		0.002	0.002	71.14		0.14	0.14		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
TSTE	24	89	0.000	0.000	0.00		0.005	0.003	63.30		0.21	0.16		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00



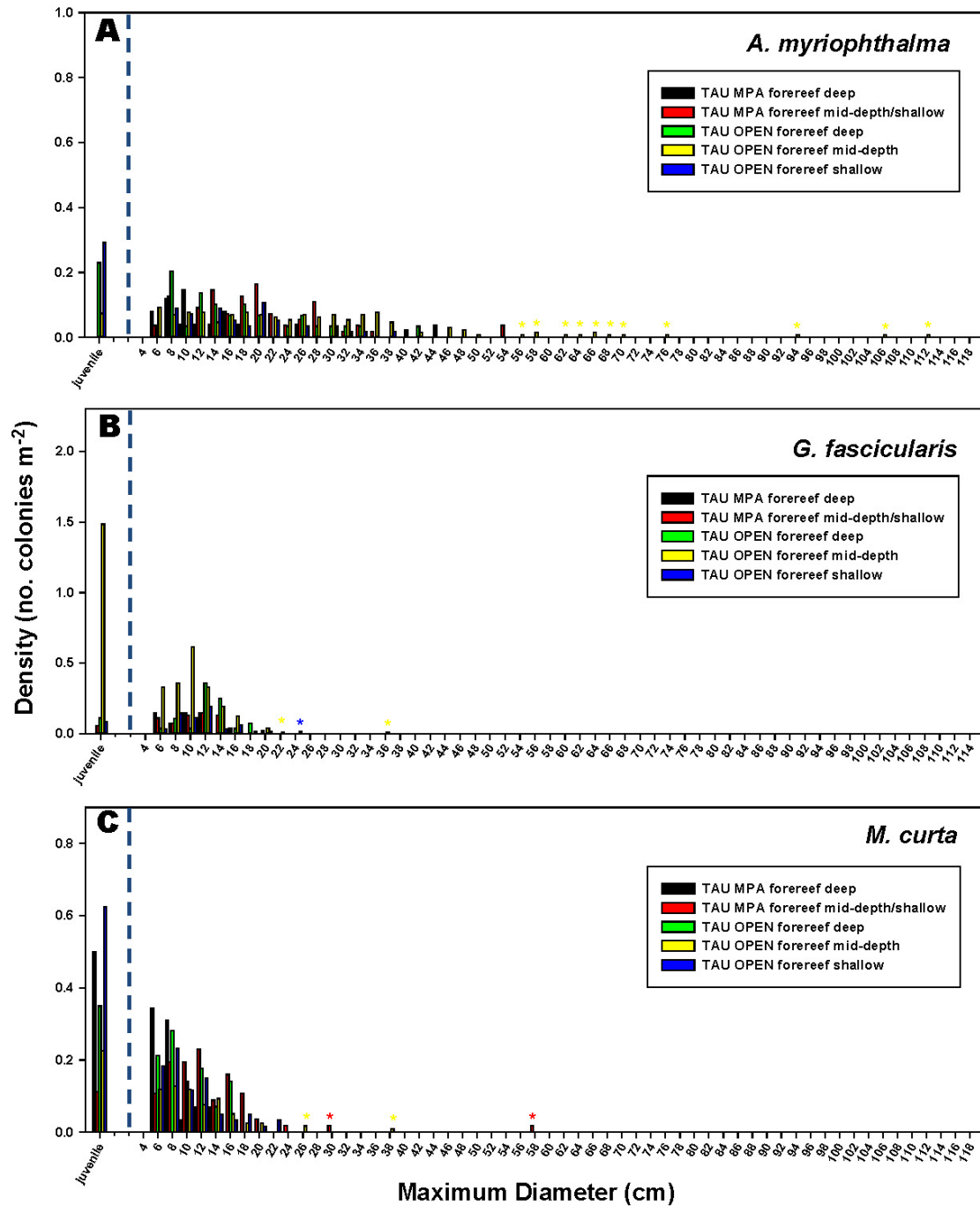
Benthic Appendix: Figure A2. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species on Ofu & Olosega 2015: (A) *A. myriophthalma*, (B) *G. fascicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



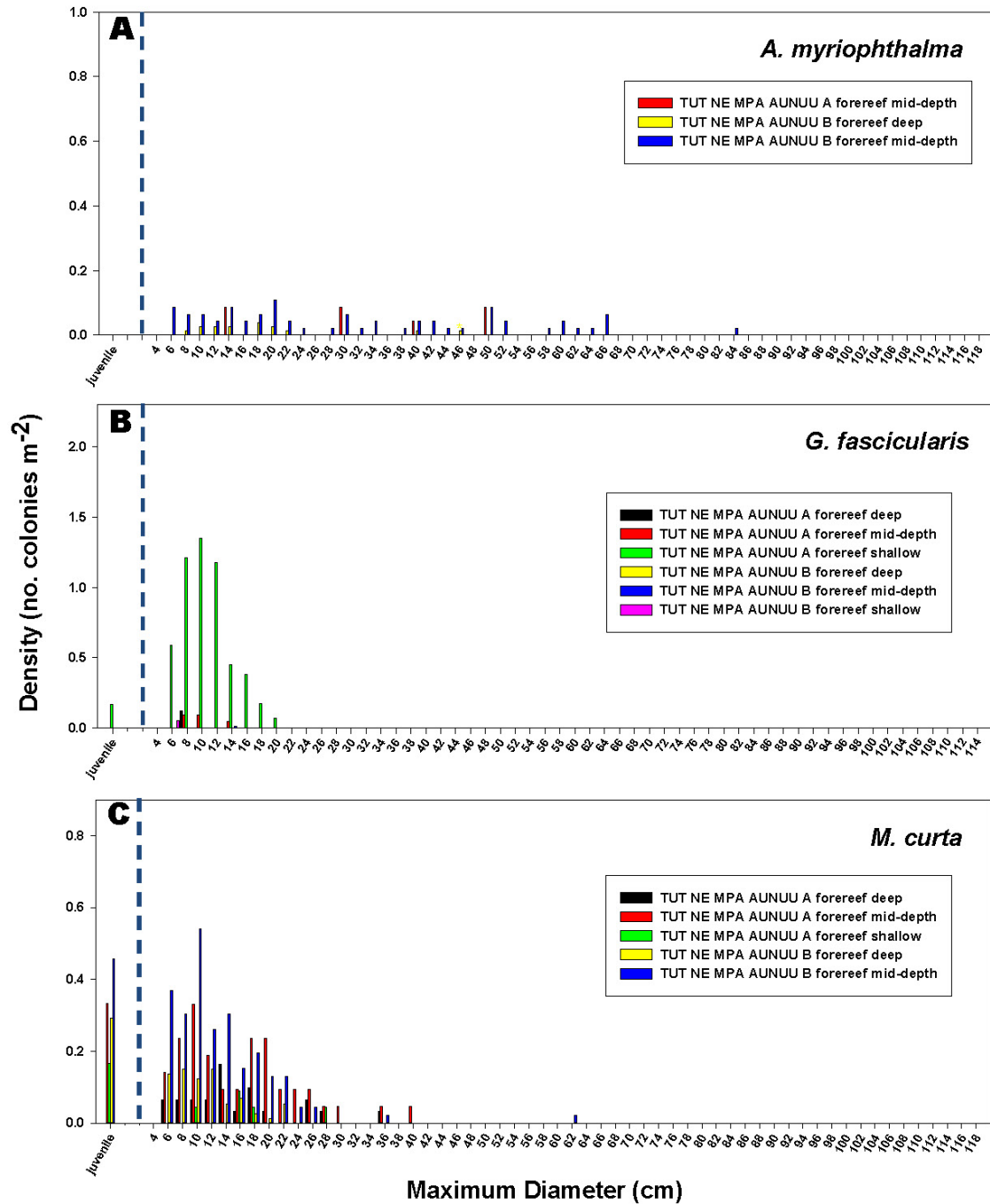
Benthic Appendix: Figure A3. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species on Rose Atoll 2015: (A) *A. myriophthalma* and (B) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



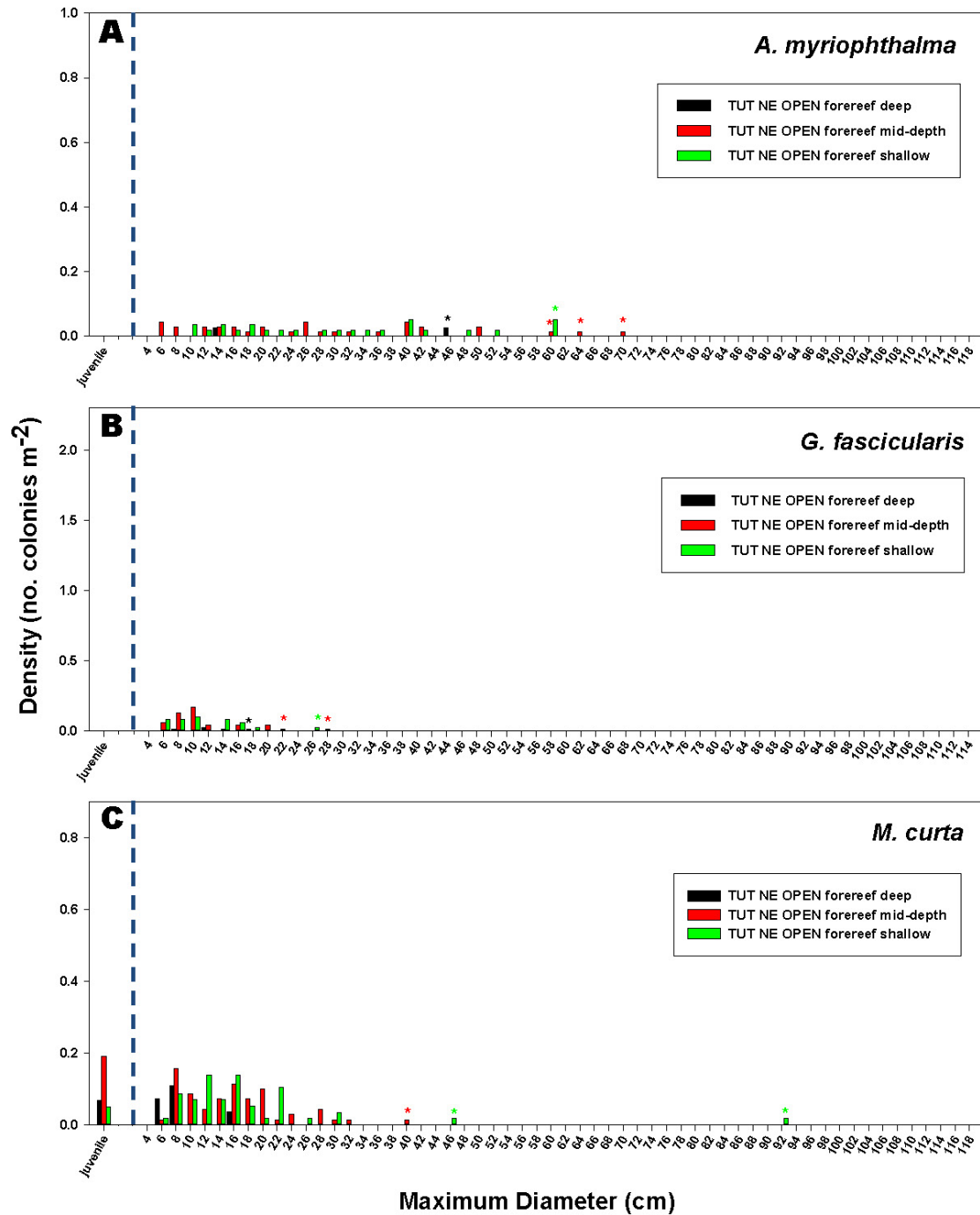
Benthic Appendix: Figure A4. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for *M. curta* on Swains 2015. No juvenile or adult colonies of *A. myriophthalma* or *G. facicularis* were found in the surveys. The strata are noted in the legend. Stars denote size classes with low abundance.



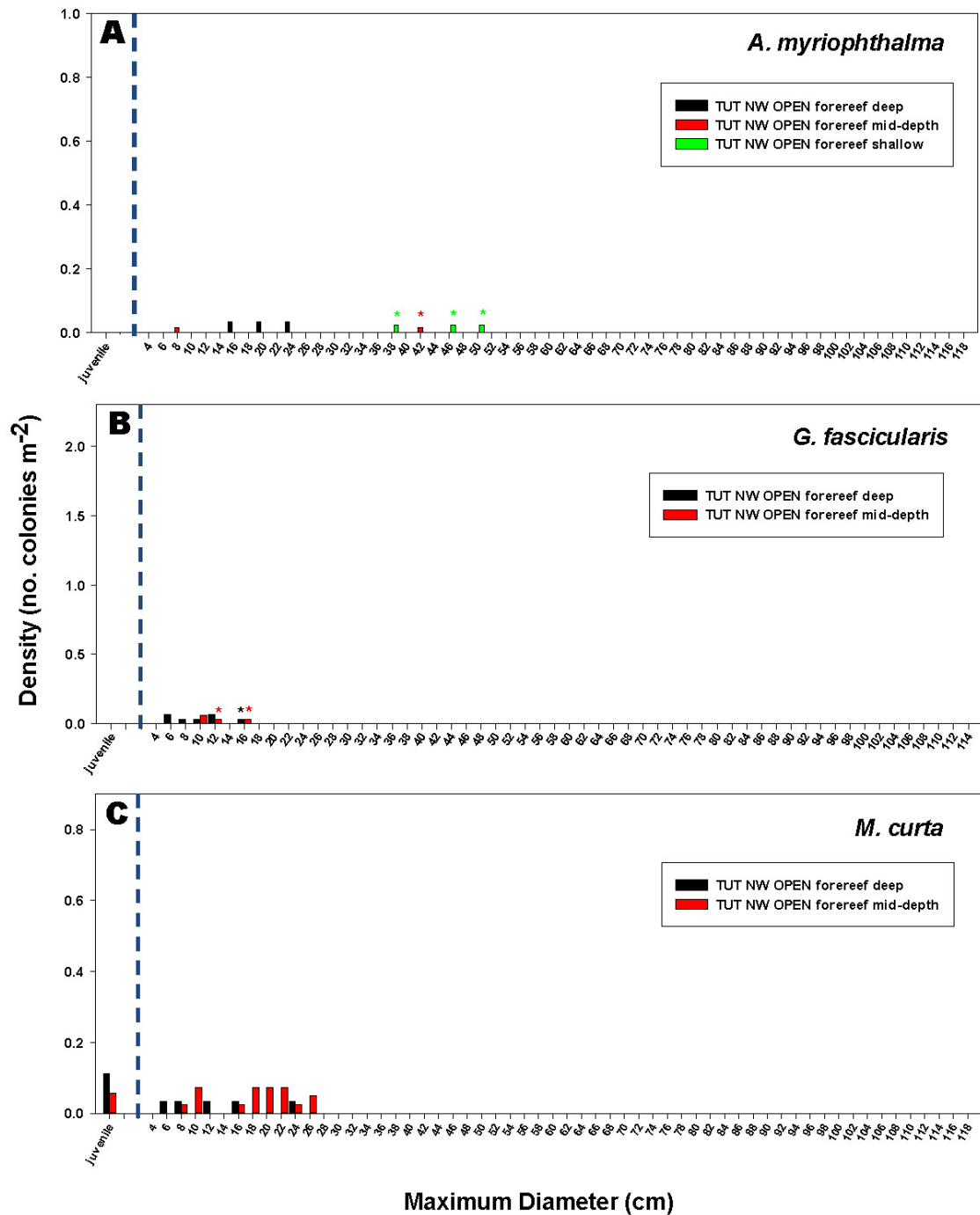
Benthic Appendix: Figure A5. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species on Ta'u 2015: (A) *A. myriophthalma*, (B) *G. fascicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



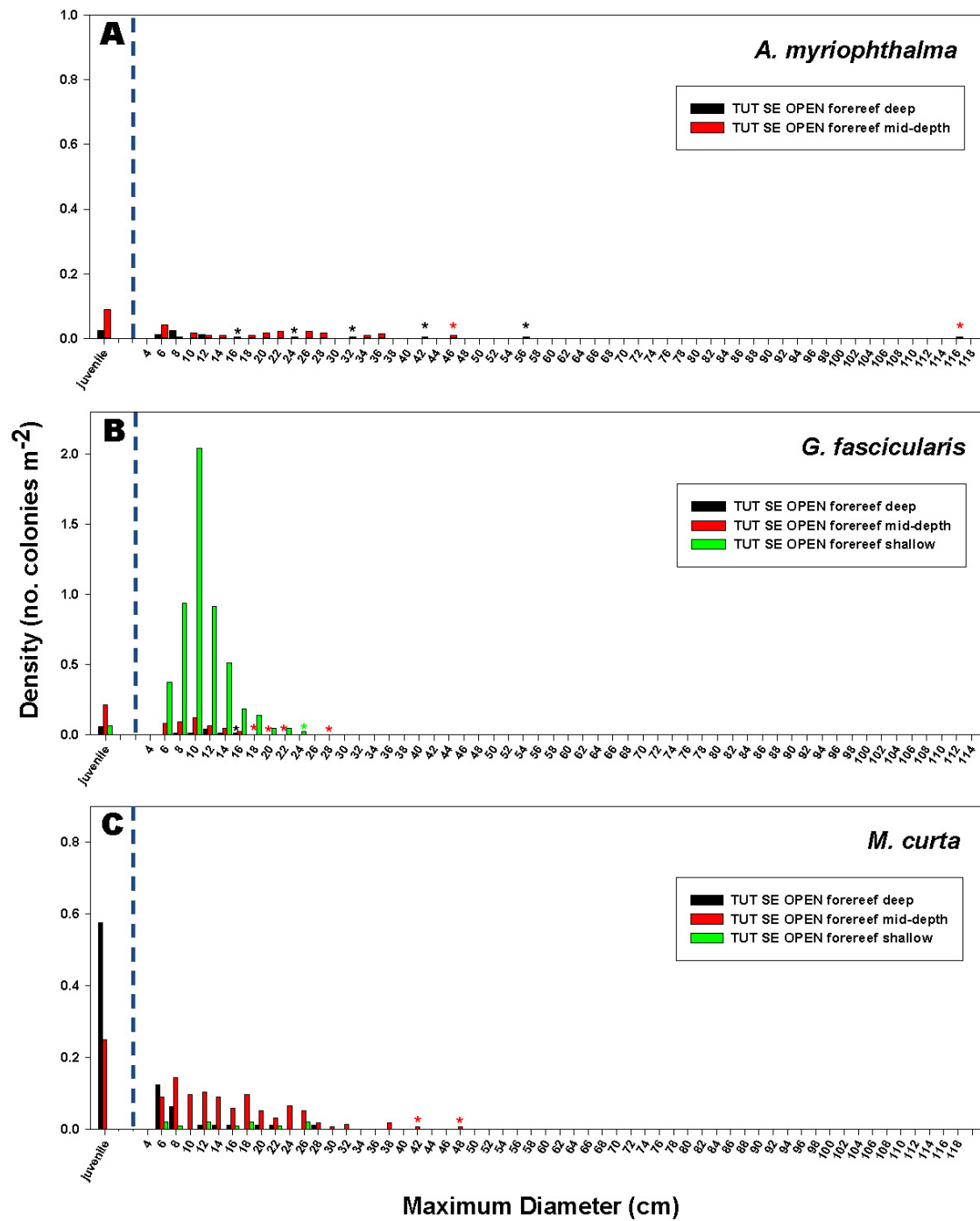
Benthic Appendix: Figure A6. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species within Aunu'u A and B sanctuary areas 2015: (A) *A. myriophthalma*, (B) *G. fascicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



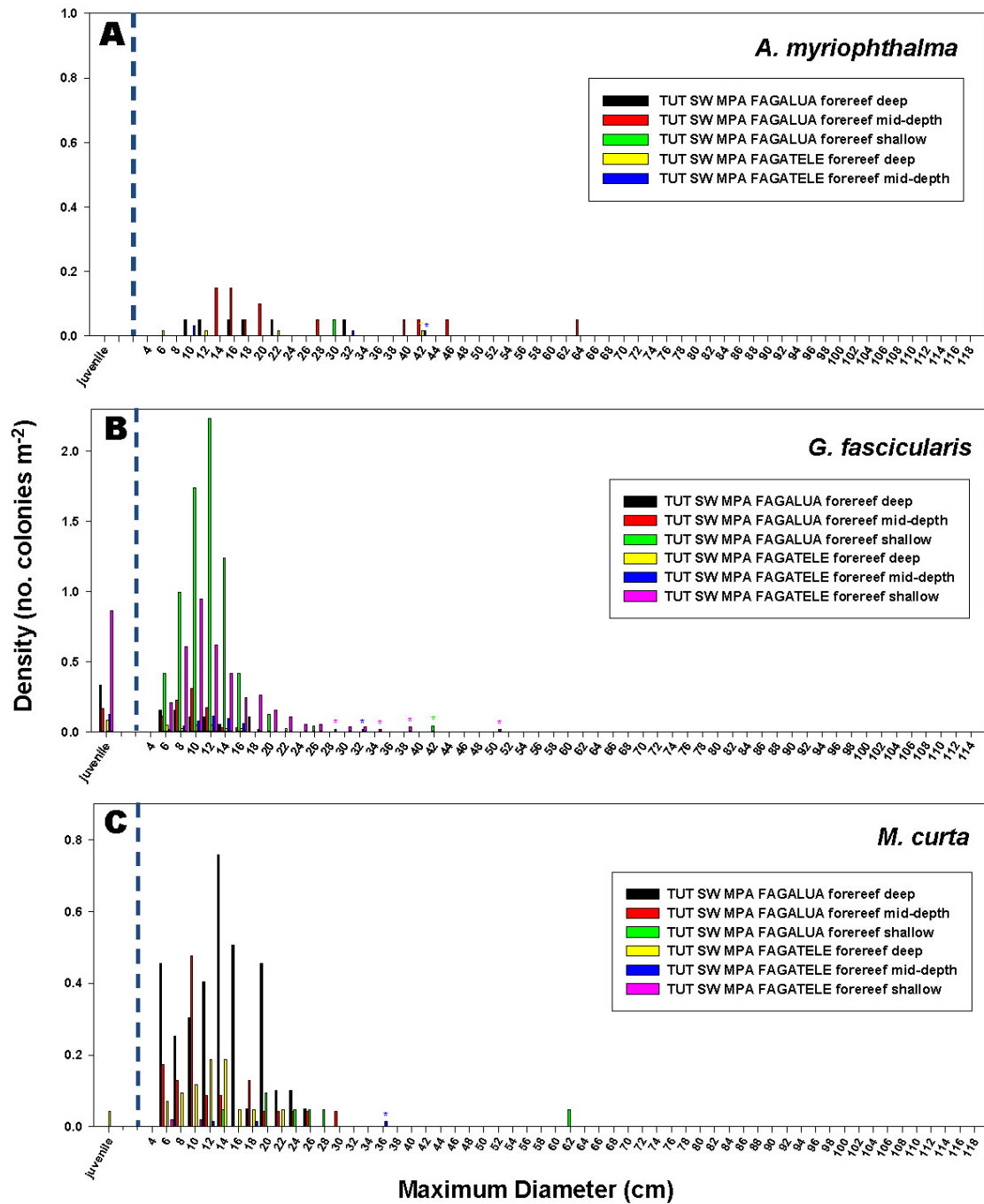
Benthic Appendix: Figure A7. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species on the NE sector of Tutuila 2015: (A) *A. myriophthalma*, (B) *G. fascicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



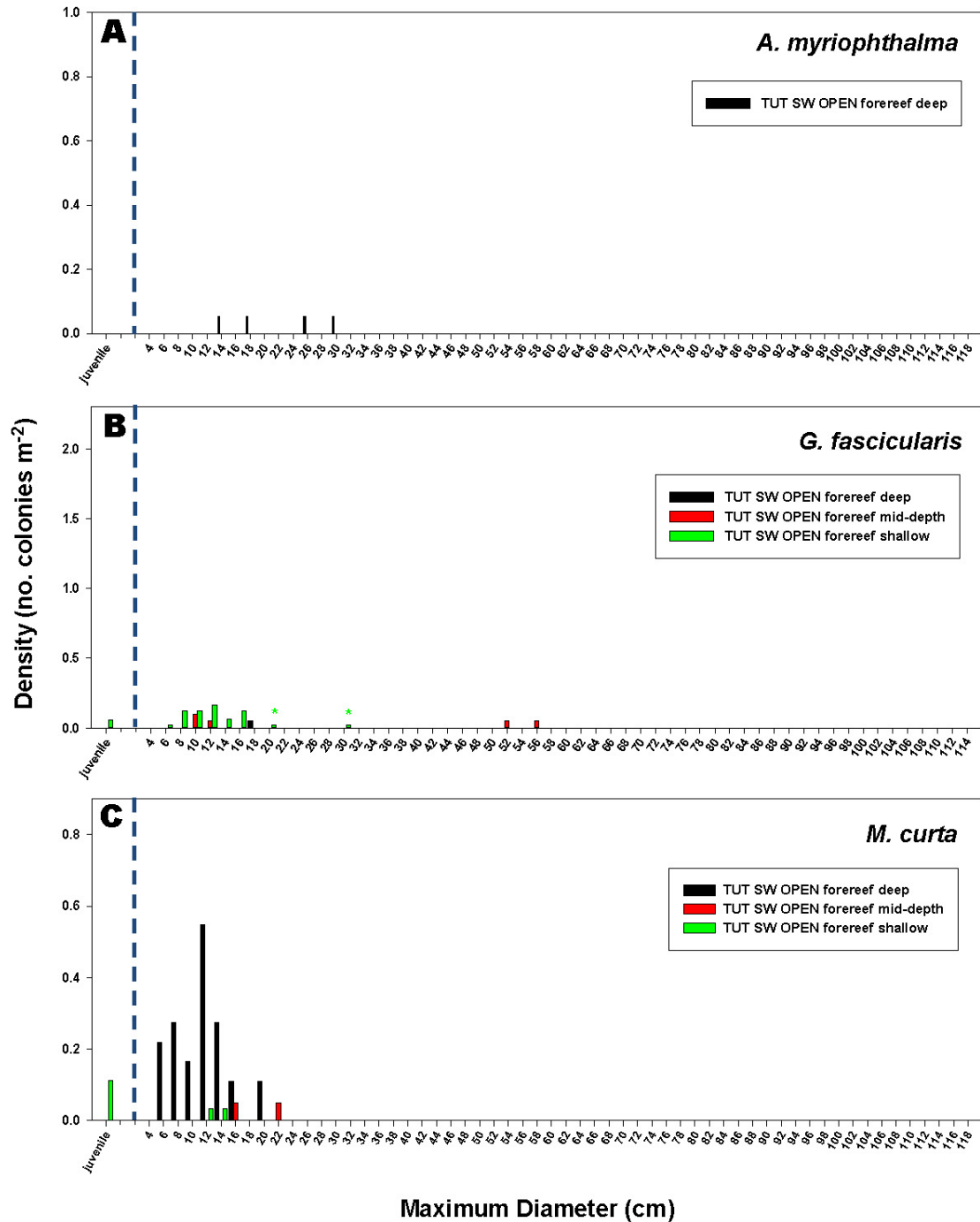
Benthic Appendix: Figure A8. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species the NW sector of Tutuila 2015: (A) *A. myriophthalma*, (B) *G. facicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



Benthic Appendix: Figure A9. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species on the SE sector of Tutuila 2015: (A) *A. myriophthalma*, (B) *G. facicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



Benthic Appendix: Figure A10. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species within the Fagatele and Fagalua sanctuary areas 2015: (A) *A. myriophthalma*, (B) *G. facicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.



Benthic Appendix: Figure A11. Adult coral size structure within each stratum as density of colonies within two centimeter size classes and juvenile density (noted on x axis) for three coral species on the SW sector of Tutuila: (A) *A. myriophthalma*, (B) *G. fascicularis*, and (C) *M. curta*. The strata are noted in the legend for each species. Stars denote size classes with low abundance.

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
ACSP	OFU_FRF_D	9	0.6741	0.1523	1.4841	0.3489	5.68	.	0.694	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	OFU_FRF_M	14	0.3691	0.1032	1.1766	0.2122	1.99	0.58	0.114	0.097	0.304	0.304	0.911	0.655	3.946	2.447
ACSP	OFU_FRF_S	8	0.1250	0.0609	0.7601	0.2887	3.79	1.84	0.025	0.021	1.645	1.631	0.000	0.000	0.000	0.000
ACSP	ROS_BRF_M	2	0.5000	0.4983	3.5225	1.4178	27.93	.	0.000	.	0.000	0.000	1.419	1.415	6.239	6.218
ACSP	ROS_BRF_S	7	0.1667	0.0943	0.6929	0.3444	14.58	6.94	0.529	0.686	0.000	0.000	0.000	0.000	10.309	9.999
ACSP	ROS_FRF_D	2	0.0000	0.0000	0.1542	0.0534	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	ROS_FRF_M	6	0.0833	0.0567	1.5178	0.8779	6.37	4.32	0.650	0.455	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	ROS_FRF_S	3	0.0000	0.0000	0.6333	0.2933	2.22	1.52	0.267	0.264	0.000	0.000	0.000	0.000	31.579	31.255
ACSP	ROS_LAG_D	4	0.1667	0.1275	0.7495	0.2168	19.39	11.38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	ROS_LAG_M	3	0.7222	0.6197	1.2500	0.4120	9.80	3.35	4.000	2.749	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	ROS_LAG_S	2	0.0000	0.0000	0.1000	0.1000	0.00	.	25.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ACSP	SWA_FRF_M	6	0.0000	0.0000	0.0588	0.0538	1.70	.	0.000	.	0.000	0.000	0.000	0.000	66.667	61.022
ACSP	SWA_FRF_S	8	0.0000	0.0000	0.0396	0.0160	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TAU_MPA_FRF_D	2	1.3333	0.3345	0.4750	0.2227	1.25	1.79	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TAU_MPA_FRF_MS	3	0.7778	0.2932	2.4653	0.0963	2.81	1.20	0.008	0.050	0.000	0.000	0.000	0.000	0.676	0.676
ACSP	TAU_OPEN_FRF_D	3	0.4683	0.3159	0.3556	0.1656	8.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TAU_OPEN_FRF_M	9	0.3482	0.1267	1.6636	0.5861	6.98	2.41	0.539	0.467	1.905	1.562	0.334	0.334	0.000	0.000
ACSP	TAU_OPEN_FRF_S	4	0.6667	0.5587	1.7875	1.0552	1.51	1.00	0.658	0.645	0.000	0.000	0.699	0.700	0.000	0.000
ACSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.1667	0.1661	1.1614	0.2196	5.17	2.17	0.579	0.757	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.3333	0.3328	1.3500	1.3478	5.05	.	0.325	.	0.000	0.000	0.000	0.000	22.222	22.186
ACSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	1.0250	0.2720	9.07	2.64	0.000	0.000	0.000	0.000	0.000	0.000	31.707	2.448
ACSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0417	0.0417	0.0500	0.0500	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0833	0.0839	0.4653	0.1849	18.74	10.80	0.000	0.000	0.000	0.000	0.000	0.000	5.373	5.312
ACSP	TUT_NE_MPA_AUNUUB_FRF_S	2	1.6250	1.5045	0.9500	0.7585	6.13	.	0.500	.	0.000	0.000	0.000	0.000	89.474	69.872
ACSP	TUT_NE_OPEN_FRF_D	5	0.1333	0.0816	0.5967	0.1667	1.73	0.94	0.230	0.159	0.000	0.000	0.000	0.000	5.587	5.577
ACSP	TUT_NE_OPEN_FRF_M	7	0.0952	0.0614	0.8442	0.2040	4.63	2.53	0.239	0.191	0.846	0.847	0.000	0.000	8.944	5.836
ACSP	TUT_NE_OPEN_FRF_S	5	0.1333	0.1330	0.9400	0.2885	5.47	1.78	0.220	0.211	0.000	0.000	2.128	2.123	15.957	9.494
ACSP	TUT_NW_OPEN_FRF_D	3	0.1111	0.1110	1.4667	1.1332	14.38	.	0.250	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_NW_OPEN_FRF_M	3	0.2778	0.2000	0.6167	0.2124	19.69	13.99	0.000	0.000	0.000	0.000	0.000	0.000	10.811	10.792
ACSP	TUT_NW_OPEN_FRF_S	2	0.1667	0.1664	0.4250	0.3245	0.25	0.33	2.575	2.515	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_SE_OPEN_FRF_D	5	0.1333	0.1334	0.0800	0.0374	12.50	5.15	0.833	0.679	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_SE_OPEN_FRF_M	12	0.1701	0.0653	0.5497	0.1126	5.34	1.79	0.446	0.185	0.000	0.000	0.000	0.000	5.573	2.502
ACSP	TUT_SE_OPEN_FRF_S	5	0.1667	0.1053	0.4900	0.1924	20.89	8.50	1.250	1.007	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.3500	0.3385	17.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.1667	0.1652	0.5500	0.3472	29.40	17.19	0.650	1.087	0.000	0.000	0.000	0.000	50.000	22.620
ACSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	1.0500	0.1477	5.20	6.92	1.288	2.773	2.381	2.409	0.000	0.000	14.286	4.582
ACSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.1667	0.0870	1.5000	0.6107	8.69	4.70	0.000	0.000	0.000	0.000	0.000	0.000	1.667	1.508
ACSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0313	0.0315	1.6237	0.8973	7.53	2.72	0.167	0.163	0.000	0.000	3.079	3.016	4.164	2.855
ACSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0667	0.0623	1.6635	0.4338	7.61	4.88	0.095	0.592	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_SW_OPEN_FRF_D	2	0.3333	0.3330	1.0376	0.0376	4.90	.	0.000	.	0.000	0.000	0.000	0.000	5.354	5.349
ACSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.8000	0.7991	1.45	.	0.050	.	0.000	0.000	0.000	0.000	0.000	0.000
ACSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.8500	0.3746	9.51	4.17	0.050	0.050	0.000	0.000	1.961	1.963	21.569	18.672

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
ALSP	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	OFU_FRF_M	14	0.0238	0.0239	0.0467	0.0343	23.58	7.94	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	ROS_FRF_M	6	0.0000	0.0000	0.0167	0.0166	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	ROS_FRF_S	3	0.0000	0.0000	0.0167	0.0168	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NE_OPEN_FRF_D	5	0.1333	0.1331	0.0200	0.0200	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0167	0.0167	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	TUT_NW_OPEN_FRF_S	2	0.1667	0.1667	0.1000	0.1000	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0098	0.0098	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	15.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ALSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ALSP	TUT_SW_OPEN_FRF_S	3	0.2778	0.2000	0.1833	0.1587	15.00	12.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
ASSP	OFU_FRF_D	9	0.0741	0.0488	0.7208	0.3107	5.22	.	0.625	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	OFU_FRF_M	14	0.0357	0.0257	0.8269	0.3499	7.10	1.62	0.000	0.000	0.000	0.000	0.864	0.860	3.455	3.439
ASSP	OFU_FRF_S	8	0.0625	0.0436	0.0938	0.0746	24.44	2.47	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	ROS_BRF_M	2	0.3333	0.3322	7.3286	4.4564	24.98	.	0.450	.	0.000	0.000	0.682	0.680	1.432	0.067
ASSP	ROS_BRF_S	7	0.2143	0.0805	0.8571	0.1836	27.97	4.99	1.363	1.186	0.000	0.000	0.000	0.000	2.500	1.696
ASSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	ROS_LAG_D	4	0.0313	0.0321	1.8111	0.5963	30.01	13.41	0.294	1.828	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	ROS_LAG_M	3	0.4444	0.2842	3.4500	1.2702	31.38	9.36	2.667	2.267	1.932	1.868	0.000	0.000	0.483	0.491
ASSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	TAU_MPA_FRF_D	2	0.5000	0.1672	0.5000	0.1986	9.05	3.56	0.000	0.000	0.000	0.000	0.000	0.000	10.000	9.896
ASSP	TAU_MPA_FRF_MS	3	0.1667	0.0959	2.6263	0.9723	12.37	1.87	0.192	0.302	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TAU_OPEN_FRF_D	3	0.7064	0.5471	1.5778	0.2607	20.45	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TAU_OPEN_FRF_M	9	0.2037	0.1264	1.9045	0.3635	14.57	2.59	0.169	0.157	0.000	0.000	0.583	0.584	1.459	0.987
ASSP	TAU_OPEN_FRF_S	4	0.4167	0.1599	1.6625	0.8891	14.99	5.69	0.025	0.087	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0833	0.0834	0.4000	0.1997	23.25	15.75	0.000	0.000	0.000	0.000	0.000	0.000	12.500	12.479
ASSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0833	0.0834	0.2625	0.1792	29.17	13.74	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0625	0.0618	1.4625	0.2091	10.32	1.78	0.181	0.326	0.000	0.000	0.000	0.000	1.709	1.721
ASSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0833	0.0421	18.33	12.30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.5174	0.3720	9.68	3.11	0.125	0.094	0.000	0.000	0.000	0.000	8.679	5.874
ASSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.5200	0.2149	13.97	6.32	0.000	0.000	0.000	0.000	0.000	0.000	30.769	30.699
ASSP	TUT_NW_OPEN_FRF_D	3	0.1333	0.1331	0.1000	0.0999	3.75	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0333	0.0334	3.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.1000	0.0500	8.75	8.81	0.625	0.712	25.000	25.000	0.000	0.000	0.000	0.000
ASSP	TUT_SE_OPEN_FRF_D	5	0.1250	0.0969	0.0700	0.0300	0.50	0.42	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SE_OPEN_FRF_M	12	0.0903	0.0627	0.2951	0.1354	7.48	2.31	0.025	0.018	0.000	0.000	0.000	0.000	6.146	4.156
ASSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0100	0.0100	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.3526	0.2393	2.75	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.7250	0.6689	7.13	3.67	0.125	0.124	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0500	0.0481	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0667	0.0372	7.50	4.80	12.500	7.995	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0839	0.0833	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.2169	0.1056	3.13	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ASSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ASSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
CASP	OFU_FRF_D	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	OFU_FRF_M	14	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0250	0.0251		0.00	.		0.000	.		0.000	0.000		0.000	0.000		100.000	100.357
CASP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0300	0.0283		6.25	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
CASP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
CASP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ²)	SE	density (# m ²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
COES	OFU_FRF_D	9	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	OFU_FRF_M	14	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	OFU_FRF_S	8	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_BRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_BRF_S	7	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_FRF_D	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_FRF_M	6	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_FRF_S	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_LAG_D	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_LAG_M	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	ROS_LAG_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	SWA_FRF_D	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	SWA_FRF_M	6	0.0000	0.0000	0.00833	0.00839	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COES	SWA_FRF_S	8	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TAU_MPA_FRF_D	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TAU_MPA_FRF_MS	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TAU_OPEN_FRF_D	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.01667	0.01668	0.00	.	0.000	.	0.000	0.000	0.000	0.000	33.333	33.354
COES	TAU_OPEN_FRF_S	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0098	0.00978	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COES	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.05	0.04836	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COES	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.01667	0.01754	3.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COES	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COES	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
COSP	OFU_FRF_D	9	0.0000	0.0000	0.05249	0.02752	1.33	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	OFU_FRF_M	14	0.0000	0.0000	0.0753	0.04328	15.63	2.92	1.250	0.689	0.000	0.000	0.000	0.000	0.000	0.000
COSP	OFU_FRF_S	8	0.0000	0.0000	0.05114	0.02153	16.25	5.65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COSP	ROS_BRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	ROS_BRF_S	7	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	ROS_FRF_D	2	0.0000	0.0000	0.4	0.39407	6.85	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	ROS_FRF_M	6	0.0833	0.0567	0.30568	0.17524	11.01	3.42	1.000	0.811	0.000	0.000	0.000	0.000	5.452	5.415
COSP	ROS_FRF_S	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	ROS_LAG_D	4	0.0000	0.0000	0.025	0.01634	12.50	10.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COSP	ROS_LAG_M	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	ROS_LAG_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	SWA_FRF_D	4	0.0000	0.0000	0.075	0.04729	25.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	SWA_FRF_M	6	0.0000	0.0000	0.025	0.01747	25.50	13.43	2.500	2.016	0.000	0.000	0.000	0.000	33.333	33.557
COSP	SWA_FRF_S	8	0.0417	0.0413	0.15625	0.08245	16.94	7.81	0.000	0.000	0.000	0.000	0.000	0.000	32.000	31.729
COSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.03333	0.03326	25.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.01667	0.0118	13.25	5.54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.025	0.02503	10.00	.	5.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.025	0.02502	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.02	0.01997	15.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.15	0.11157	8.33	0.64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.01	0.01002	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.06667	0.06655	0.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.025	0.025	50.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.01	0.01	3.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.02917	0.01438	34.06	6.04	0.063	0.047	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.3	0.29016	3.85	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.025	0.02507	60.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	100.293
COSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.05	0.02611	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.04286	0.02524	11.00	6.29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.05556	0.0555	30.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
COSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0	0	.	.	.	.	.	.	.	.	.	.
COSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.16667	0.08803	8.13	.	0.000	.	0.000	0.000	0.000	0.000	20.000	19.964

Table A10 (cont'd).

			Juvenile		Adult		Old dead			Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ²)	SE	density (# m ²)	SE	Mean %	SE		Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																	
CTSP	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0196	0.0196	0.00	.		0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CTSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0588	0.0586	0.00	.		0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CTSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.		0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CTSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
CTSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.

Table A10 (cont'd).

	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
CYPS	OFU_FRF_D	9	0.1482	0.0804	0.3617	0.1040	9.68	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	OFU_FRF_M	14	0.0238	0.0237	0.1266	0.0549	17.33	5.34	2.250	1.278	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	OFU_FRF_S	8	0.0000	0.0000	0.1016	0.0466	26.88	9.71	0.000	0.000	0.000	0.000	31.225	20.966	0.000	0.000
CYPS	ROS_BRF_M	2	0.1667	0.1661	0.0550	0.0548	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	ROS_BRF_S	7	0.0476	0.0462	0.0143	0.0139	50.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	ROS_FRF_D	2	0.0000	0.0000	0.2583	0.1560	3.75	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	ROS_FRF_M	6	0.0000	0.0000	0.3779	0.2519	9.24	3.46	0.150	0.122	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	ROS_FRF_S	3	0.0000	0.0000	0.2333	0.0662	15.83	8.31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	ROS_LAG_D	4	0.0000	0.0000	0.0500	0.0513	36.70	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	SWA_FRF_M	6	0.0000	0.0000	0.0083	0.0084	2.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TAU_MPA_FRF_D	2	0.1667	0.1649	0.3250	0.0743	12.65	2.87	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.1294	0.0270	33.33	12.77	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TAU_OPEN_FRF_D	3	0.2381	0.2376	0.2482	0.1021	12.33	.	0.267	.	0.000	0.000	14.925	14.894	0.000	0.000
CYPS	TAU_OPEN_FRF_M	9	0.0370	0.0371	0.1531	0.0288	23.41	7.41	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TAU_OPEN_FRF_S	4	0.0833	0.0830	0.1000	0.0542	17.00	4.31	0.000	0.000	0.000	0.000	25.000	24.895	0.000	0.000
CYPS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.3679	0.0150	7.60	1.35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0750	0.0250	25.00	5.16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0500	0.0495	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0417	0.0417	0.0375	0.0239	13.50	4.61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0528	0.0302	25.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0500	0.0387	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0429	0.0297	12.50	1.39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.2333	0.1853	33.35	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0500	0.0500	50.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0750	0.0749	52.50	.	0.000	.	0.000	0.000	33.333	33.333	0.000	0.000
CYPS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0300	0.0300	3.30	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_SE_OPEN_FRF_M	12	0.0139	0.0139	0.0292	0.0217	17.83	0.95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.1053	0.1018	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.1000	0.0640	17.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYPS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYPS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0333	45.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	99.820

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
CYSP	OFU_FRF_D	9	0.2222	0.2214	0.0482	0.0372	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	OFU_FRF_M	14	0.0238	0.0237	0.0295	0.0229	5.85	2.22	0.000	0.000	0.000	0.000	0.000	0.000	24.242	24.127
CYSP	OFU_FRF_S	8	0.0000	0.0000	0.0063	0.0063	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	ROS_FRF_M	6	0.0000	0.0000	0.0083	0.0084	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	ROS_FRF_S	3	0.0000	0.0000	0.0333	0.0330	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	SWA_FRF_D	4	2.0000	1.9759	0.5500	0.5434	0.00	.	0.000	.	0.000	0.000	0.000	0.000	50.000	49.398
CYSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0250	0.0250	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0600	0.0399	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0500	0.0288	0.00	0.00	0.833	0.544	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0208	0.0130	1.67	0.84	0.000	0.000	0.000	0.000	20.000	20.009	0.000	0.000
CYSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0833	0.0754	0.0750	0.0433	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0250	0.0245	0.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	97.938
CYSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
CYSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
CYSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000
CYSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000

Table A10 (cont'd).

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Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
ECHL	OFU_FRF_D	9	0.1111	0.1107	0.1421	0.0845	4.93	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	OFU_FRF_M	14	0.0238	0.0237	0.0262	0.0116	11.75	3.71	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TAU_MPA_FRF_D	2	0.1667	0.1649	0.2000	0.1979	1.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0207	0.0207	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TAU_OPEN_FRF_D	3	0.1111	0.1109	0.1111	0.1109	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0261	0.0261	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0305	0.0305	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0750	0.0251	2.50	3.09	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NE_OPEN_FRF_D	5	0.0333	0.0334	0.0200	0.0200	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SE_OPEN_FRF_D	5	0.0667	0.0665	0.1200	0.1197	3.30	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TUT_SE_OPEN_FRF_M	12	0.0278	0.0278	0.0292	0.0292	2.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_OPEN_FRF_D	2	0.1667	0.1665	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0334	40.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
ECHP	OFU_FRF_D	9	0.0000	0.0000	0.0526	0.0270	16.67	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	OFU_FRF_M	14	0.0000	0.0000	0.1233	0.0459	9.02	2.95	1.042	0.679	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	OFU_FRF_S	8	0.0000	0.0000	0.3375	0.2086	20.30	.	0.133	.	11.111	11.019	0.000	0.000	0.000	0.000
ECHP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0363	0.0184	4.00	1.18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TAU_OPEN_FRF_D	3	0.1111	0.1109	0.0370	0.0370	3.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.0056	0.0056	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.7500	0.4451	14.83	3.40	0.833	0.824	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0571	0.0428	23.13	3.69	1.250	0.690	0.000	0.000	0.000	0.000	12.500	12.514
ECHP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0400	0.0244	21.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1000	0.0999	13.30	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0167	0.0112	28.75	8.66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0250	0.0251	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ECHP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	80.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0500	0.0289	10.00	7.31	0.000	0.000	0.000	0.000	0.000	0.000	25.000	25.165
ECHP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0200	0.0187	35.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0538	0.0537	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0500	0.0500	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ECHP	TUT_SW_OPEN_FRF_S	3	0.0556	0.0556	0.0333	0.0334	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
EUSP	OFU_FRF_D	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	OFU_FRF_M	14	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0083	0.0083	0.00			0.000			0.000	0.000		0.000	0.000		0.000	0.000	
EUSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
EUSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
FASP	OFU_FRF_D	9	1.1444	0.3813	2.1977	0.4369	14.24	.	0.124	.	0.000	0.000	0.000	0.000	1.674	1.154
FASP	OFU_FRF_M	14	0.1786	0.0788	1.1823	0.2783	14.74	2.67	0.018	0.045	0.000	0.000	0.302	0.303	4.061	1.527
FASP	OFU_FRF_S	8	0.0833	0.0541	0.4528	0.1251	15.04	6.70	0.208	0.332	1.380	1.387	0.000	0.000	0.000	0.000
FASP	ROS_BRF_M	2	0.6667	0.6644	5.7176	0.8795	22.75	.	0.050	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	ROS_BRF_S	7	0.4762	0.1521	1.2357	0.4719	18.97	6.44	0.425	0.609	0.000	0.000	0.000	0.000	0.000	0.000
FASP	ROS_FRF_D	2	0.0000	0.0000	0.3583	0.0575	6.25	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	ROS_FRF_M	6	0.0556	0.0552	0.6913	0.2452	23.74	4.62	0.692	0.450	0.000	0.000	6.192	4.713	0.000	0.000
FASP	ROS_FRF_S	3	0.0000	0.0000	0.4667	0.1837	12.97	3.14	0.000	0.000	0.000	0.000	0.000	0.000	7.143	7.070
FASP	ROS_LAG_D	4	0.1250	0.1285	0.2208	0.0574	7.36	8.13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	ROS_LAG_M	3	0.1111	0.1074	1.6333	0.7413	20.32	10.48	1.250	1.209	0.000	0.000	0.000	0.000	0.000	0.000
FASP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FASP	SWA_FRF_D	4	0.0000	0.0000	0.0250	0.0247	3.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	SWA_FRF_M	6	0.0000	0.0000	0.0167	0.0153	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	SWA_FRF_S	8	0.0000	0.0000	0.0500	0.0266	15.00	7.70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TAU_MPA_FRF_D	2	1.0833	0.0836	1.9000	0.9902	8.09	2.95	0.250	0.247	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TAU_MPA_FRF_MS	3	1.0556	0.4009	1.3606	0.2085	10.86	2.07	0.275	0.392	0.000	0.000	0.000	0.000	3.804	3.789
FASP	TAU_OPEN_FRF_D	3	2.6508	1.0570	2.3852	0.4486	14.73	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TAU_OPEN_FRF_M	9	0.7778	0.3887	0.9731	0.1652	14.26	1.93	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TAU_OPEN_FRF_S	4	0.8333	0.2875	0.5875	0.1706	4.81	2.06	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.2701	0.0374	20.83	9.26	0.250	0.408	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0833	0.0834	0.1500	0.0499	38.75	13.80	0.000	0.000	0.000	0.000	0.000	0.000	16.667	16.676
FASP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0250	0.0251	3.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	100.357
FASP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.1667	0.1180	0.4625	0.2051	15.72	2.98	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.1250	0.0793	0.3014	0.1169	12.54	4.25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FASP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0900	0.0556	3.75	2.90	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.1357	0.0849	3.78	1.53	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.1400	0.0747	9.72	.	0.000	.	0.000	0.000	0.000	0.000	42.857	28.506
FASP	TUT_NW_OPEN_FRF_D	3	0.1333	0.1331	0.5667	0.3175	22.28	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NW_OPEN_FRF_M	3	0.1111	0.1109	0.2000	0.1997	71.27	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FASP	TUT_SE_OPEN_FRF_D	5	0.1833	0.1303	0.2200	0.0815	29.74	11.00	0.238	0.199	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_SE_OPEN_FRF_M	12	0.1181	0.0618	0.3265	0.1685	20.24	7.67	0.000	0.000	0.000	0.000	0.000	0.000	11.562	8.922
FASP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.3700	0.2140	15.20	6.85	0.000	0.000	0.000	0.000	0.000	0.000	16.216	16.195
FASP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.3333	0.0000	0.4026	0.2876	35.70	.	0.000	.	0.000	0.000	0.000	0.000	37.255	36.033
FASP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0833	0.0836	0.2500	0.1488	12.93	8.03	0.000	0.000	0.000	0.000	0.000	0.000	10.000	10.029
FASP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0750	0.0253	37.50	22.36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.1250	0.0756	0.2750	0.0932	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FASP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0100	0.0103	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.3853	0.1701	2.50	.	0.750	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.1000	0.0999	1.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FASP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0500	0.0499	7.50	.	0.000	.	0.000	0.000	0.000	0.000	33.333	33.363

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
FAVS	OFU_FRF_D	9	0.2148	0.1764	0.1798	0.0478	8.07	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	OFU_FRF_M	14	0.0476	0.0322	0.1417	0.0598	4.06	1.28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	OFU_FRF_S	8	0.0417	0.0413	0.5106	0.1234	10.87	3.43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	ROS_BRF_M	2	0.0000	0.0000	0.1000	0.0997	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	ROS_BRF_S	7	0.0000	0.0000	0.0357	0.0275	26.25	11.04	5.000	2.808	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	ROS_FRF_M	6	0.0000	0.0000	0.0167	0.0166	15.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	ROS_LAG_D	4	0.0000	0.0000	0.0250	0.0257	2.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	ROS_LAG_M	3	0.1111	0.1074	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.1250	0.0743	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TAU_MPA_FRF_MS	3	0.2222	0.1116	0.6823	0.1444	9.53	2.84	0.033	0.103	0.000	0.000	0.000	0.000	2.443	2.443
FAVS	TAU_OPEN_FRF_D	3	0.9524	0.9504	0.2482	0.1306	5.93	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TAU_OPEN_FRF_M	9	0.0556	0.0392	0.2289	0.0823	6.75	1.77	0.009	0.025	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.2375	0.1310	4.60	1.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.1125	0.0514	10.83	1.11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0958	0.0792	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.1833	0.1241	2.43	1.51	0.000	0.000	0.000	0.000	0.000	0.000	18.182	18.151
FAVS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0684	0.0316	8.88	2.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0700	0.0299	1.67	1.29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0667	0.0666	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0250	0.0250	30.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SE_OPEN_FRF_D	5	0.1333	0.1334	0.0200	0.0200	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SE_OPEN_FRF_M	12	0.0417	0.0417	0.0669	0.0233	17.29	7.32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.2400	0.1425	8.25	4.62	0.425	0.408	4.167	4.168	0.000	0.000	0.000	0.000
FAVS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.1053	0.1018	7.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0500	0.0496	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.8000	0.7698	8.75	.	1.350	.	0.000	0.000	0.000	0.000	6.250	6.014
FAVS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0417	0.0243	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0304	0.0298	2.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FAVS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FAVS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0500	0.0499	37.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
FUSP	OFU_FRF_D	9	1.1482	0.3889	3.3661	1.2765	0.11	.	0.038	.	0.000	0.000	0.000	0.000	7.461	3.388
FUSP	OFU_FRF_M	14	0.1429	0.1422	0.4026	0.1646	0.16	0.12	0.556	0.443	0.000	0.000	0.000	0.000	22.344	8.200
FUSP	OFU_FRF_S	8	0.0000	0.0000	0.0250	0.0162	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	ROS_FRF_D	2	0.0000	0.0000	0.2500	0.2463	0.00	.	2.500	.	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	ROS_FRF_M	6	0.2222	0.1405	0.4417	0.3256	0.15	0.14	0.000	0.000	0.000	0.000	0.000	0.000	7.547	7.496
FUSP	ROS_FRF_S	3	0.2222	0.2206	0.1000	0.1005	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	SWA_FRF_D	4	5.6667	4.5254	2.0500	0.9184	0.28	.	0.000	.	0.000	0.000	0.000	0.000	21.951	9.935
FUSP	SWA_FRF_M	6	0.0000	0.0000	0.0196	0.0180	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TAU_MPA_FRF_D	2	0.3333	0.3299	0.9250	0.6680	0.00	0.00	0.325	0.322	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	TAU_MPA_FRF_MS	3	0.1111	0.0558	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	TAU_OPEN_FRF_D	3	1.3413	0.8324	0.6963	0.5978	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0222	0.0121	8.33	4.81	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.1667	0.1661	0.7242	0.4508	0.00	0.00	0.000	0.000	0.000	0.000	8.122	8.097	0.000	0.000
FUSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
FUSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.1700	0.0859	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FUSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.1354	0.0337	0.28	0.26	0.000	0.000	0.000	0.000	0.00			

Table A10 (cont'd)

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ²)	SE	density (# m ²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
GASP	OFU_FRF_D	9	0.0370	0.0369	0.8667	0.1830	8.89	.	0.000	.	0.000	0.000	1.282	1.277	5.104	2.631
GASP	OFU_FRF_M	14	0.0119	0.0119	0.8579	0.1689	7.65	1.70	0.038	0.069	0.000	0.000	0.000	0.000	2.081	1.160
GASP	OFU_FRF_S	8	0.2917	0.1316	3.3068	1.0589	8.89	2.83	0.056	0.084	0.000	0.000	0.000	0.000	0.587	0.413
GASP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	0.000	0.000	.	.	.	.	.	.
GASP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	0.000	0.000	.	.	.	.	.	.
GASP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	0.000	0.000	.	.	.	.	.	.
GASP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	0.000	0.000	.	.	.	.	.	.
GASP	TAU_MPA_FRF_D	2	0.0833	0.0836	0.5500	0.1494	14.80	4.12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.6316	0.1977	5.92	1.39	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TAU_OPEN_FRF_D	3	0.1111	0.1109	0.8963	0.4986	7.57	.	1.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TAU_OPEN_FRF_M	9	1.5222	1.4569	2.0123	1.2642	9.71	1.61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TAU_OPEN_FRF_S	4	0.0833	0.0830	0.6250	0.3082	8.44	4.06	1.250	1.245	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1198	0.0060	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.2250	0.1747	0.65	0.65	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.3333	0.3297	5.5000	0.7196	10.35	2.64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0125	0.0126	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0500	0.0499	10.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	99.800
GASP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0500	0.0387	2.50	1.61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.5248	0.2175	2.18	1.73	0.000	0.000	0.000	0.000	0.000	0.000	6.222	6.209
GASP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.4400	0.3227	0.42	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.2667	0.1451	0.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.1167	0.0927	15.00	8.22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GASP	TUT_SE_OPEN_FRF_D	5	0.0583	0.0364	0.1000	0.0547	1.00	0.64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SE_OPEN_FRF_M	12	0.2639	0.0787	0.4718	0.0968	9.55	2.11	0.235	0.207	0.000	0.000	0.000	0.000	7.689	4.495
GASP	TUT_SE_OPEN_FRF_S	5	0.0667	0.0667	5.4800	3.9841	3.70	2.07	0.025	0.022	0.000	0.000	0.000	0.000	8.759	8.762
GASP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.3333	0.3224	0.6737	0.2647	1.25	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.2500	0.0836	0.9500	0.5477	8.75	9.15	0.000	0.000	0.000	0.000	0.000	0.000	26.316	15.731
GASP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	7.2500	2.2679	9.45	4.57	0.525	1.675	0.000	0.000	0.000	0.000	4.483	1.690
GASP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0833	0.0754	0.2750	0.1448	17.78	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.1250	0.1258	0.4549	0.2120	9.27	4.85	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.9000	0.4864	3.8453	1.4423	11.18	4.05	0.013	0.010	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0538	0.0537	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.2500	0.0500	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GASP	TUT_SW_OPEN_FRF_S	3	0.0556	0.0556	0.6667	0.3523	11.18	0.92	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile			Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																	
GONS	OFU_FRF_D	9	0.9148	0.3793		4.4213	0.9241	11.78	.	0.219	.	0.503	0.501	0.000	0.000	0.000	0.000
GONS	OFU_FRF_M	14	0.2024	0.0678		1.2769	0.3967	11.37	1.61	0.307	0.192	0.000	0.000	1.119	1.113	4.724	2.462
GONS	OFU_FRF_S	8	0.1875	0.0853		0.8264	0.2088	20.71	4.53	0.200	0.243	0.000	0.000	1.513	1.500	2.269	2.253
GONS	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	ROS_FRF_S	3	0.0000	0.0000		0.0167	0.0168	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	TAU_MPA_FRF_D	2	2.0000	0.3345		2.0000	0.1020	6.53	2.11	0.000	0.000	0.000	0.000	0.000	0.000	2.500	2.474
GONS	TAU_MPA_FRF_MS	3	0.7222	0.3098		1.7454	0.7560	10.21	3.57	0.000	0.000	0.000	0.000	0.000	0.000	0.955	0.955
GONS	TAU_OPEN_FRF_D	3	1.3492	0.3705		0.6333	0.3173	9.83	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TAU_OPEN_FRF_M	9	0.1482	0.0756		0.9348	0.4746	13.48	4.29	0.011	0.029	0.000	0.000	0.000	0.000	1.189	1.189
GONS	TAU_OPEN_FRF_S	4	0.3333	0.2349		0.2125	0.1157	19.27	13.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.1765	0.1759	36.70	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.1750	0.1237	21.65	4.96	0.000	0.000	0.000	0.000	0.000	0.000	85.714	84.767
GONS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.1000	0.0676	20.57	10.43	0.000	0.000	0.000	0.000	0.000	0.000	12.500	12.510
GONS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.1533	0.1296	7.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.1095	0.0611	11.25	7.35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0400	0.0401	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NW_OPEN_FRF_D	3	0.1111	0.1110		0.1333	0.0881	30.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0833	0.0440	19.63	7.92	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0500	0.0500	5.00	.	0.000	.	0.000	0.000	0.000	0.000	50.000	49.999
GONS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0400	0.0292	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0698	0.0208	5.31	1.77	0.000	0.000	0.000	0.000	0.000	0.000	34.048	28.111
GONS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.1600	0.1165	52.93	15.03	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0500	0.0496	50.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	99.095
GONS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.3250	0.1686	10.00	11.48	2.500	2.406	0.000	0.000	0.000	0.000	7.692	7.784
GONS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0250	0.0226	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0235	0.0220	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
GONS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
GONS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0167	0.0167	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ²)	SE		density (# m ²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
GOSP	OFU_FRF_D	9	0.0000	0.0000		0.0315	0.0214		2.50	.		5.000	.		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	OFU_FRF_M	14	0.0000	0.0000		0.0417	0.0241		10.07	1.22		1.667	0.788		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_FRF_M	6	0.0000	0.0000		0.0167	0.0166		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0111	0.0074		7.50	1.22		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0333	0.0333		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0250	0.0250		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0526	0.0509		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0100	0.0103		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
GOSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
GOSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
HASP	OFU_FRF_D	9	0.0370	0.0369	0.0402	0.0400	0.00	.	0.300	.	0.000	0.000	0.000	0.000	0.000	0.000
HASP	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0370	0.0370	0.00	.	3.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HASP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	0.00	.	12.500	.	0.000	0.000	0.000	0.000	0.000	0.000
HASP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HASP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead			Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE		Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																	
HERS	OFU_FRF_D	9	0.0000	0.0000	0.0383	0.0382	0.00	.		0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HERS	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0750	0.0251	0.00	0.00		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HERS	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.1037	0.0577	12.50	.		0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HERS	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.2742	0.0591	0.00	.		1.650	.	0.000	0.000	0.000	0.000	0.000	0.000
HERS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.
HERS	TUT SW OPEN FRF S	3	0.0000	0.0000	0.0000	0.0000	.	.		.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
HESP	OFU_FRF_D	9	0.0000	0.0000		0.0000	0.0000		.			.			.			.			.
HESP	OFU_FRF_M	14	0.0238	0.0237		0.0607	0.0567		31.90	6.82		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
HESP	OFU_FRF_S	8	0.0000	0.0000		0.0750	0.0744		2.93	.		0.000			0.000	0.000		0.000	0.000		0.000	0.000
HESP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	SWA_FRF_D	4	0.0000	0.0000		0.1750	0.1419		41.65	.		0.000			0.000	0.000		0.000	0.000		0.000	0.000
HESP	SWA_FRF_M	6	0.0000	0.0000		0.0250	0.0175		0.00	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
HESP	SWA_FRF_S	8	0.0000	0.0000		0.0063	0.0063		0.00			0.000			0.000	0.000		0.000	0.000		0.000	0.000
HESP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0333	0.0333		0.00	.		0.000			0.000	0.000		0.000	0.000		0.000	0.000
HESP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0042	0.0042		2.00	.		0.000			0.000	0.000		0.000	0.000		0.000	0.000
HESP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
HESP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile			Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																	
HYSP	OFU_FRF_D	9	0.0000	0.0000		0.0547	0.0381	1.25	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	OFU_FRF_M	14	0.0000	0.0000		0.0841	0.0430	9.75	2.73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	OFU_FRF_S	8	0.0000	0.0000		0.0313	0.0209	5.50	2.80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	ROS_FRF_M	6	0.0000	0.0000		0.0333	0.0334	8.33	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0750	0.0251	0.00	0.00	20.000	20.203	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TAU_MPA_FRF_MS	3	0.0556	0.0556		0.1441	0.0225	2.50	1.50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.1778	0.0776	9.44	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0056	0.0056	60.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TAU_OPEN_FRF_S	4	0.1667	0.0958		0.0625	0.0374	1.50	1.06	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0588	0.0586	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.2000	0.1997	1.30	.	1.300	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.1153	0.0649	4.17	3.15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0500	0.0249	17.50	19.94	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0400	0.0399	12.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0429	0.0428	0.00	.	0.000	.	0.000	0.000	0.000	0.000	33.333	33.265
HYSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.1300	0.0733	1.10	0.85	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0167	0.0167	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0500	0.0500	5.00	.	0.000	.	0.000	0.000	50.000	49.999	0.000	0.000
HYSP	TUT_SE_OPEN_FRF_D	5	0.0333	0.0333		0.0600	0.0599	1.70	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0946	0.0462	6.69	1.43	1.250	0.720	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0800	0.0799	7.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0833	0.0836		0.0500	0.0496	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0500	0.0506	30.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
HYSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0536	0.0539	21.70	.	0.000	.	0.000	0.000	0.000	0.000	66.667	67.108
HYSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.1600	0.0961	12.20	.	0.000	.	0.000	0.000	0.000	0.000	25.000	23.343
HYSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HYSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0667	0.0333	33.75	21.40	10.000	8.209	0.000	0.000	0.000	0.000	100.000	49.910

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
ISSP	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	OFU_FRF_M	14	0.0833	0.0830	0.3274	0.1517	2.43	1.06	0.458	0.299	0.000	0.000	0.000	0.000	31.727	25.816
ISSP	OFU_FRF_S	8	0.3333	0.2499	2.0602	1.2415	9.50	2.17	0.521	0.218	0.000	0.000	0.000	0.000	67.971	45.531
ISSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0250	0.0251	30.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ISSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0196	0.0196	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ISSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0631	0.0334	6.38	2.20	0.000	0.000	0.000	0.000	0.000	0.000	17.617	17.628
ISSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0500	0.0501	3.30	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
ISSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0838	0.0338	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	70.175	69.954
ISSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0500	0.0499	0.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	99.835
ISSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0750	0.0753	1.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	100.357
ISSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.1375	0.1372	7.99	.	0.000	.	0.000	0.000	0.000	0.000	18.182	18.196
ISSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.3375	0.2332	4.85	1.04	0.000	0.000	0.000	0.000	0.000	0.000	25.926	15.244
ISSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0643	0.0563	7.50	1.36	0.000	0.000	0.000	0.000	0.000	0.000	11.111	11.124
ISSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.8400	0.7641	8.73	.	0.000	.	0.000	0.000	0.000	0.000	50.000	41.213
ISSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.1056	0.0743	5.78	1.88	0.750	0.445	0.000	0.000	0.000	0.000	31.555	27.474
ISSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.8100	0.6250	16.47	10.16	0.988	0.354	2.469	1.513	0.000	0.000	60.494	41.281
ISSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0750	0.0752	40.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	100.293
ISSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
ISSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0625	0.0464	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ISSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.1333	0.1245	1.9082	1.3876	3.53	2.07	0.000	0.000	0.000	0.000	0.000	0.000	40.752	28.894
ISSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.6452	0.6446	1.65	.	0.300	.	0.000	0.000	0.000	0.000	0.000	0.000
ISSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.1500	0.1498	3.30	.	1.700	.	0.000	0.000	0.000	0.000	0.000	0.000
ISSP	TUT_SW_OPEN_FRF_S	3	0.7778	0.6176	6.7500	3.2702	12.04	1.92	0.297	0.296	1.481	0.854	0.000	0.000	12.840	7.115

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
LEPS	OFU_FRF_D	9	0.1630	0.0927		0.2176	0.0557		4.00	.		0.000	.		0.000	0.000		0.000	0.000		8.170	8.139
LEPS	OFU_FRF_M	14	0.1667	0.0577		0.3329	0.0996		10.80	2.79		0.000	0.000		0.000	0.000		0.000	0.000		13.349	7.067
LEPS	OFU_FRF_S	8	0.1875	0.0853		1.1437	0.2029		11.94	3.50		0.000	0.000		0.000	0.000		0.000	0.000		15.963	4.781
LEPS	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	TAU_MPA_FRF_D	2	0.0000	0.0000		0.1000	0.0990		3.75	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LEPS	TAU_MPA_FRF_MS	3	0.2222	0.1465		0.6362	0.3507		8.04	2.50		0.000	0.000		0.000	0.000		0.000	0.000		7.859	7.858
LEPS	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.1741	0.0375		7.50	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LEPS	TAU_OPEN_FRF_M	9	0.0815	0.0541		0.3435	0.1032		9.38	3.59		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
LEPS	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.3875	0.1845		3.97	1.80		0.000	0.000		0.000	0.000		0.000	0.000		12.903	12.849
LEPS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0250	0.0250		2.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LEPS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0500	0.0499		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LEPS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LEPS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0																

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
LEPT	OFU_FRF_D	9	0.5519	0.2084	1.4748	0.3099	13.19	.	0.000	.	0.000	0.000	0.753	0.751	0.793	0.790
LEPT	OFU_FRF_M	14	0.0952	0.0379	0.6107	0.1482	13.19	4.15	0.042	0.073	0.000	0.000	0.000	0.000	11.957	5.791
LEPT	OFU_FRF_S	8	0.0417	0.0413	0.2595	0.1117	26.86	9.23	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_BRF_M	2	1.1667	1.1628	0.2050	0.0947	30.85	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_BRF_S	7	0.1667	0.1627	0.0429	0.0429	1.80	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_FRF_D	2	0.0000	0.0000	0.0500	0.0493	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_FRF_M	6	0.0000	0.0000	0.0428	0.0326	13.75	5.04	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LEPT	ROS_LAG_D	4	0.0000	0.0000	0.0125	0.0128	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_LAG_M	3	0.1111	0.1074	0.0833	0.0169	28.33	10.90	6.667	6.446	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LEPT	SWA_FRF_D	4	0.0000	0.0000	0.0250	0.0247	0.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	98.795
LEPT	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LEPT	SWA_FRF_S	8	0.0417	0.0413	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LEPT	TAU_MPA_FRF_D	2	1.1667	0.1649	0.8250	0.0322	11.25	7.12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	TAU_MPA_FRF_MS	3	0.5000	0.1676	1.2584	0.5745	16.13	4.54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	TAU_OPEN_FRF_D	3	3.0397	1.8716	1.2074	0.5350	17.61	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	TAU_OPEN_FRF_M	9	0.1667	0.0832	0.5026	0.1178	13.64	2.30	0.000	0.000	0.000	0.000	0.000	0.000	5.286	2.878
LEPT	TAU_OPEN_FRF_S	4	0.1667	0.0962	1.0250	0.3630	14.75	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	TUT_NE_MPA_AUNUUA_FRF_D	2	0.3333	0.0000	1.5951	0.6384	6.23	1.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	TUT_NE_MPA_AUNUUA_FRF_M	2	0.1667	0.1664	1.1500	0.5491	19.34	4.90	0.000	0.000	0.000	0.000	0.000	0.000	6.522	2.175
LEPT	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0750	0.0743	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LEPT	TUT_NE_MPA_AUNUUB_FRF_D	4	0.9167	0.3075	0.6000	0.1954	15.13	5.62	0.000	0.000	0.000	0.000	0.000	0.000	4.167	4.157
LEPT	TUT_NE_MPA_AUNUUB_FRF_M	4	0.5625	0.2886	1.4569	0.2835	13.83	4.94	0.238	0.515	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
LESP	OFU_FRF_D	9	0.0370	0.0369	0.1720	0.0552	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	OFU_FRF_M	14	0.0238	0.0237	0.0956	0.0410	1.07	0.41	0.260	0.155	0.000	0.000	0.000	0.000	39.004	21.805
LESP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	ROS_FRF_D	2	0.0000	0.0000	0.4625	0.1601	5.23	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	ROS_FRF_M	6	0.0000	0.0000	0.3650	0.1284	13.76	4.47	0.000	0.000	0.000	0.000	0.000	0.000	13.699	13.606
LESP	ROS_FRF_S	3	0.0000	0.0000	0.0333	0.0335	35.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	ROS_LAG_D	4	0.0417	0.0428	0.0875	0.0898	12.10	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	ROS_LAG_M	3	0.0000	0.0000	0.0167	0.0169	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	SWA_FRF_D	4	0.0833	0.0823	1.0250	0.6382	9.37	.	0.000	.	0.000	0.000	0.000	0.000	17.073	13.842
LESP	SWA_FRF_M	6	0.0278	0.0280	0.1413	0.0511	9.83	5.51	0.000	0.000	0.000	0.000	0.000	0.000	29.229	16.818
LESP	SWA_FRF_S	8	0.0000	0.0000	0.0563	0.0174	9.00	3.14	0.000	0.000	0.000	0.000	0.000	0.000	22.222	22.034
LESP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.1000	0.0990	12.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0741	0.0739	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0500	0.0501	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.1300	0.0888	24.06	10.07	1.250	0.818	0.000	0.000	0.000	0.000	15.385	15.359
LESP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.1071	0.0712	4.25	1.47	0.000	0.000	0.000	0.000	0.000	0.000	6.667	6.674
LESP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1000	0.0577	15.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.3167	0.2915	5.83	4.76	10.000	8.206	0.000	0.000	10.526	10.508	10.526	10.508
LESP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0500	0.0316	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0708	0.0493	23.13	7.38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0250	0.0251	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0875	0.0392	5.00	2.26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.1250	0.1224	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
LESP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
LESP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
LOBS	OFU_FRF_D	9	0.0741	0.0488		0.1371	0.0786		1.45	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	OFU_FRF_M	14	0.0000	0.0000		0.0464	0.0356		23.87	8.47		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0374	0.0191		0.00	0.00		0.500	0.510		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0333	0.0333		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	TAU_OPEN_FRF_M	9	0.0370	0.0370		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0250	0.0249		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0250	0.0250		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0357	0.0180		41.67	17.53		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0200	0.0200		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
LOBS	TUT_SE_OPEN_FRF_M	12	0.0139	0.0139		0.0375	0.0296		27.00	6.93		0.000	0.000		0.000	0.000		0.000	0.000		11.111	11.116
LOBS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
LOBS	TUT SW OPEN FRF S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
MESP	OFU_FRF_D	9	0.0000	0.0000	0.0417	0.0281	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	OFU_FRF_M	14	0.0000	0.0000	0.0421	0.0255	11.10	2.12	0.000	0.000	0.000	0.000	0.000	0.000	11.321	11.342
MESP	OFU_FRF_S	8	0.0000	0.0000	0.0250	0.0162	7.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	ROS_FRF_D	2	0.0000	0.0000	0.0500	0.0493	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	ROS_LAG_M	3	0.0000	0.0000	0.0333	0.0322	35.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0370	0.0370	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0250	0.0250	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0500	0.0495	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TUT_SE_OPEN_FRF_M	12	0.0729	0.0730	0.1000	0.0913	3.23	1.32	0.100	0.049	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1613	0.1611	1.70	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MESP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MESP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
MISP	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	OFU_FRF_M	14	0.0000	0.0000	0.0179	0.0100	23.33	1.62	1.667	0.788	0.000	0.000	0.000	0.000	0.000	0.000
MISP	OFU_FRF_S	8	0.0000	0.0000	0.0263	0.0261	32.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	SWA_FRF_D	4	0.0000	0.0000	0.1250	0.1235	1.40	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0167	0.0167	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.2000	0.1152	13.75	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0278	0.0222	11.67	3.94	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0375	0.0240	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0250	0.0250	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.1500	0.1498	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0250	0.0249	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.1250	0.0742	10.00	5.54	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.2000	0.1086	31.80	23.81	0.000	0.000	0.000	0.000	0.000	0.000	25.000	12.450
MISP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NE_OPEN_FRF_S	5	0.0667	0.0665	0.1200	0.1197	41.70	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0300	0.0200	2.50	1.58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0500	0.0388	15.83	3.73	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0250	0.0251	45.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0500	0.0452	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0125	0.0126	2.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0635	0.0383	13.75	2.92	0.000	0.000	0.000	0.000	0.000	0.000	37.037	34.582
MISP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MISP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
MISP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0333	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
MONS	OFU_FRF_D	9	1.1074	0.4042		2.0048	0.2620		16.92	.		0.000	.		0.000	0.000		0.554	0.552		4.387	2.213
MONS	OFU_FRF_M	14	0.2738	0.0979		1.5358	0.3936		14.66	2.57		0.475	0.367		0.000	0.000		0.000	0.000		5.633	2.357
MONS	OFU_FRF_S	8	0.2083	0.1073		1.1758	0.3764		20.54	5.48		0.000	0.000		0.000	0.000		0.000	0.000		2.658	2.101
MONS	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MONS	ROS_BRF_S	7	0.0000	0.0000		0.0571	0.0403		31.67	9.63		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	ROS_FRF_D	2	0.8333	0.4926		2.1875	0.3079		8.45	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MONS	ROS_FRF_M	6	0.3889	0.2165		2.1454	0.7126		17.95	7.79		0.129	0.139		0.388	0.390		4.661	4.629		0.000	0.000
MONS	ROS_FRF_S	3	0.0556	0.0557		2.4333	1.1290		9.93	2.21		0.017	0.131		0.000	0.000		0.000	0.000		0.685	0.688
MONS	ROS_LAG_D	4	0.0833	0.0646		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MONS	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MONS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MONS	SWA_FRF_D	4	0.0000	0.0000		0.0750	0.0741		12.50	.		0.000	.		0.000	0.000		0.000	0.000		33.333	32.932
MONS	SWA_FRF_M	6	0.0000	0.0000		0.0083	0.0084		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MONS	SWA_FRF_S	8	0.0000	0.0000		0.0063	0.0063		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TAU_MPA_FRF_D	2	0.8333	0.1672		1.1750	0.0251		7.41	2.22		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TAU_MPA_FRF_MS	3	0.3889	0.0575		2.5518	0.3756		16.15	2.20		0.008	0.050		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TAU_OPEN_FRF_D	3	0.4683	0.3159		1.7370	0.7553		18.82	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TAU_OPEN_FRF_M	9	0.3926	0.1329		1.4505	0.3187		19.27	2.47		0.000	0.000		0.000	0.000		0.000	0.000		0.383	0.383
MONS	TAU_OPEN_FRF_S	4	1.2500	0.3681		1.2750	0.2968		13.92	1.95		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0833	0.0834		1.6864	0.7442		4.00	3.35		0.088	0.210		0.000	0.000		0.000	0.000		28.072	7.127
MONS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.3333	0.3328		2.0750	1.7222		14.15	1.45		1.250	1.351		0.000	0.000		0.000	0.000		46.988	39.694
MONS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.1667	0.1648		0.4500	0.0495		12.91	2.90		0.000	0.000		0.000	0.000		0.000	0.000		72.222	16.726
MONS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.5000	0.1801		1.3875	0.4354		26.86	5.06		0.056	0.099		0.000	0.000		0.000	0.000		1.802	1.798
MONS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.6250	0.1442		3.3139	0.2748		11.63	2.39		0.000	0.000		0.000	0.000		0.377	0.380		15.088	13.941
MONS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MONS	TUT_NE_OPEN_FRF_D	5	0.0667	0.0667		0.2367	0.1309		15.22	3.93		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TUT_NE_OPEN_FRF_M	7	0.1905	0.1901		0.8197	0.2585		15.11	3.37		0.417	0.385		1.743	1.739		0.000	0.000		12.697	7.188
MONS	TUT_NE_OPEN_FRF_S	5	0.0500	0.0499		0.8200	0.3177		6.12	2.31		0.000	0.000		0.000	0.000		0.000	0.000		68.293	30.449
MONS	TUT_NW_OPEN_FRF_D	3	0.2444	0.1236		0.2667	0.1451		10.20	.		5.000	.		0.000	0.000		0.000	0.000		12.500	12.482
MONS	TUT_NW_OPEN_FRF_M	3	0.0556	0.0556		0.4167	0.2312		21.35	14.92		0.000	0.000		0.000	0.000		0.000	0.000		16.000	15.983
MONS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MONS	TUT_SE_OPEN_FRF_D	5	0.6000	0.3230		0.2700	0.1112		28.68	7.48		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TUT_SE_OPEN_FRF_M	12	0.3472	0.1112		1.3365	0.5599		22.19	5.01		0.010	0.006		0.734	0.732		2.201	2.196		46.653	24.859
MONS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.1300	0.0800		15.43	5.04		0.000	0.000		0.000	0.000		0.000	0.000		15.385	15.390
MONS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		4.3000	2.2246		16.08	.		1.500	.		0.000	0.000		0.000	0.000		38.433	34.805
MONS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.2500	0.2481		1.6000	0.6938		16.35	15.15		0.213	0.545		0.000	0.000		1.563	1.567		21.875	3.097
MONS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.4250	0.1700		21.00	9.92		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0417	0.0439		0.8375	0.1960		5.28	4.53		8.125	6.617		0.000	0.000		0.000	0.000		2.985	2.700
MONS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0429	0.0259		15.00	4.52		0.000	0.000		0.000	0.000		0.000	0.000		29.167	29.360
MONS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0900	0.0562		27.10	6.53		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		1.8100	0.4118		4.10	.		0.000	.		0.000	0.000		0.000	0.000		18.317	12.365
MONS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.1000	0.0000		30.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MONS	TUT SW OPEN FRF S	3	0.1111	0.1109		0.2667	0.0341		13.42	9.64		0.000	0.000		0.000	0.000		0.000	0.000		25.000	25.020

Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
MOSP	OFU_FRF_D	9	0.5704	0.2426	2.1384	0.5780	13.19	.	0.404	.	0.896	0.893	0.000	0.000	2.713	1.813
MOSP	OFU_FRF_M	14	1.0714	0.2049	3.8176	0.5625	10.20	1.25	0.682	0.240	0.603	0.419	0.187	0.186	0.936	0.443
MOSP	OFU_FRF_S	8	1.2292	0.6977	3.0692	0.3601	10.16	2.19	0.396	0.161	1.222	0.853	0.000	0.000	0.836	0.543
MOSP	ROS_BRF_M	2	1.1667	0.8305	6.3368	0.0367	11.65	.	0.100	.	0.867	0.864	0.000	0.000	1.656	0.078
MOSP	ROS_BRF_S	7	0.2381	0.0805	0.9143	0.3701	20.23	3.96	0.775	0.900	0.000	0.000	0.000	0.000	0.781	0.783
MOSP	ROS_FRF_D	2	1.1667	0.4926	6.7917	2.7503	7.05	.	0.900	.	0.000	0.000	0.000	0.000	0.736	0.725
MOSP	ROS_FRF_M	6	0.7500	0.4559	2.4383	0.5518	8.86	1.73	1.375	0.835	0.342	0.343	0.000	0.000	2.171	0.970
MOSP	ROS_FRF_S	3	0.0556	0.0557	1.9000	1.0910	8.13	4.59	0.933	0.825	1.754	1.736	0.000	0.000	0.877	0.882
MOSP	ROS_LAG_D	4	0.3021	0.0962	1.1236	0.2386	20.93	11.65	0.369	2.051	0.000	0.000	0.000	0.000	0.000	0.000
MOSP	ROS_LAG_M	3	0.1111	0.1074	0.5667	0.1611	22.21	9.87	2.225	3.371	0.000	0.000	0.000	0.000	0.000	0.000
MOSP	ROS_LAG_S	2	0.0000	0.0000	0.0250	0.0250	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
MOSP	SWA_FRF_D	4	1.1250	0.6496	3.4500	0.7847	10.71	.	2.831	.	2.899	1.653	0.000	0.000	7.971	3.175
MOSP	SWA_FRF_M	6	3.0556	0.6893	9.6850	1.0553	9.55	4.75	0.586	1.273	3.363	0.960	0.344	0.323	1.744	0.741
MOSP	SWA_FRF_S	8	1.2292	0.3761	5.5901	0.7565	17.11	2.81	0.359	0.211	2.609	0.897	0.112	0.112	1.234	0.499
MOSP	TAU_MPA_FRF_D	2	1.8333	0.1985	3.5250	0.7671	18.40	7.01	2.033	1.650	0.000	0.000	0.000	0.000	0.000	0.000
MOSP	TAU_MPA_FRF_MS	3	1.0556	0.2418	5.2189	1.3563	14.52	2.38	0.667	0.610	0.712	0.359	0.000	0.000	0.000	0.000
MOSP	TAU_OPEN_FRF_D	3	1.6349	0.9851	3.9815	2.4212	11.33	.	0.167	.	0.000	0.000	0.000	0.000	0.000	0.000
MOSP	TAU_OPEN_FRF_M	9	1.0593	0.2735	5.8656	1.2139	14.90	1.62	0.147	0.107	0.453	0.247	0.379	0.378	0.379	0.288
MOSP	TAU_OPEN_FRF_S	4	0.3333	0.1358	5.4625	2.7247	16.68	5.14	0.425	0.405	0.229	0.229	0.000	0.000	0.458	0.456
MOSP	TUT_NE_MPA_AUNUUA_FRF_D	2	3.2500	2.4090	6.1381	0.2583	9.83	1.60	0.200	0.269	0.958	0.955	0.000	0.000	0.993	0.994
MOSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.2500	0.2497	3.7000	1.3977	27.47	10.26	1.263	1.363	0.000	0.000	0.000	0.000	0.676	0.676
MOSP	TUT_NE_MPA_AUNUUA_FRF_S	2	3.5000	2.8022	8.8000	0.6923	6.32	4.10	0.085	0.336	0.000	0.000	0.000	0.000	1.989	0.844
MOSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.4583	0.3139	1.0000	0.4440	13.07	6.25	0.175	0.189	0.000	0.000	0.000	0.000	5.000	4.988
MOSP	TUT_NE_MPA_AUNUUB_FRF_M	4	1.5208	0.3272	2.3208	0.0333	20.14	3.96	0.044	0.132	0.000	0.000	1.077	1.065	0.000	0.000
MOSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.1250	0.1249	1.7000	1.0683	21.53	20.61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MOSP	TUT_NE_OPEN_FRF_D	5	0.1667	0.1289	2.1267	1.0096	6.72	2.51	0.000	0.000	0.000	0.000	0.000	0.000	2.038	1.517
MOSP	TUT_NE_OPEN_FRF_M	7	0.7619	0.3304	3.8708	0.8501	8.50	1.69	0.271	0.158	0.844	0.842	0.369	0.368	0.369	0.368
MOSP	TUT_NE_OPEN_FRF_S	5	1.2500	0.4599	5.8500	0.3871	17.15	8.81	0.805	0.377	3.419	1.618	0.000	0.000	1.709	0.935
MOSP	TUT_NW_OPEN_FRF_D	3	1.4667	0.5041	2.8333	1.2844	3.56	.	0.193	.	1.176	1.175	0.000	0.000	0.000	0.000
MOSP	TUT_NW_OPEN_FRF_M	3	0.7778	0.4835	2.2833	1.5852	11.93	9.08	0.214	0.286	0.730	0.731	0.000	0.000	1.460	1.461
MOSP	TUT_NW_OPEN_FRF_S	2	0.8333	0.0300	2.7000	0.1555	13.08	2.30	0.563	0.627	0.000	0.000	0.000	0.000	0.926	0.926
MOSP	TUT_SE_OPEN_FRF_D	5	0.5500	0.0899	0.8500	0.3027	2.76	1.61	3.690	1.811	2.353	2.348	0.000	0.000	1.176	1.177
MOSP	TUT_SE_OPEN_FRF_M	12	2.0590	0.5094	4.5966	0.9892	11.19	2.14	0.770	0.312	1.152	0.588	0.000	0.000	2.095	0.678
MOSP	TUT_SE_OPEN_FRF_S	5	1.0250	0.4350	1.5800	0.3576	14.79	4.49	0.768	0.430	0.633	0.633	0.000	0.000	3.797	3.792
MOSP	TUT_SW_MPA_FAGALUA_FRF_D	2	1.1667	1.1284	3.2211	2.3009	1.98	.	0.175	.	1.552	1.501	0.000	0.000	0.000	0.000
MOSP	TUT_SW_MPA_FAGALUA_FRF_M	2	1.5000	0.8274	2.8000	0.6952	5.11	1.74	0.056	0.265	0.000	0.000	0.000	0.000	3.571	3.539
MOSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.7083	0.4776	3.9000	2.5160	4.83	3.61	0.078	0.624	0.000	0.000	0.000	0.000	1.282	1.297
MOSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.3750	0.1307	3.1208	0.5253	11.01	5.52	0.063	0.426	0.534	0.562	0.000	0.000	1.602	1.686
MOSP	TUT_SW_MPA_FAGATELE_FRF_M	4	1.0938	0.4543	3.8522	0.8694	12.48	3.68	0.103	0.155	0.788	0.772	0.000	0.000	1.431	1.406
MOSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.9667	0.3391	5.0853	1.2009	18.15	6.07	0.340	0.551	1.839	0.551	0.000	0.000	3.285	1.722
MOSP	TUT_SW_OPEN_FRF_D	2	0.5000	0.1665	5.6774	0.3438	5.47	.	0.238	.	0.947	0.946	0.000	0.000	0.000	0.000
MOSP	TUT_SW_OPEN_FRF_M	2	0.3333	0.3330	2.9000	1.9978	10.18	.	0.333	.	3.448	3.444	0.000	0.000	1.724	1.722
MOSP	TUT_SW_OPEN_FRF_S	3	1.2778	0.7080	2.4000	0.3211	5.34	1.18	0.083	0.057	1.389	1.386	0.694	0.695	4.167	2.410

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
MYSF	OFU_FRF_D	9	0.0000	0.0000		0.0534	0.0283		1.67	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MYSF	OFU_FRF_M	14	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0500	0.0495		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MYSF	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.1074	0.0641		1.25	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
MYSF	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
MYSF	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
OUSP	OFU_FRF_D	9	0.0370	0.0369		0.0228	0.0150		17.50	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
OUSP	OFU_FRF_M	14	0.0000	0.0000		0.0162	0.0111		1.25	0.49		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
OUSP	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0500	0.0495		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
OUSP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0196	0.0196		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
OUSP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0242	0.0160		10.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
OUSP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SE_OPEN_FRF_D	5	0.0333	0.0333		0.0200	0.0200		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
OUSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
OUSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

[illegible]

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ²)	SE	density (# m ²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
PACS	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	OFU_FRF_M	14	0.0000	0.0000	0.0143	0.0142	5.00	.	5.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PACS	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	SWA_FRF_D	4	0.0000	0.0000	0.0250	0.0247	15.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	98.795
PACS	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0300	0.0200	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PACS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0429	0.0428	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PACS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0667	0.0333	40.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PACS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PACS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
PAVS	OFU_FRF_D	9	0.5148	0.1271		2.6355	0.5465		14.04	.		0.588	.		0.000	0.000		0.422	0.420		6.469	2.447
PAVS	OFU_FRF_M	14	0.0714	0.0336		1.0757	0.2741		15.74	3.79		0.121	0.113		0.000	0.000		0.000	0.000		12.095	3.895
PAVS	OFU_FRF_S	8	0.0000	0.0000		0.2136	0.0534		11.63	3.97		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	ROS_BRF_M	2	0.0000	0.0000		0.0500	0.0498		10.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	ROS_BRF_S	7	0.0000	0.0000		0.0500	0.0318		30.63	8.84		2.500	1.515		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	ROS_FRF_D	2	0.1667	0.1642		2.3625	0.7512		17.38	.		0.100	.		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	ROS_FRF_M	6	0.0556	0.0353		0.5504	0.1305		12.71	2.41		1.618	1.371		0.000	0.000		3.235	3.213		1.514	1.519
PAVS	ROS_FRF_S	3	0.0000	0.0000		0.1167	0.0720		32.50	6.56		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	ROS_LAG_D	4	0.0000	0.0000		0.1657	0.1153		9.70	4.51		0.000	0.000		0.000	0.000		13.966	14.338		0.000	0.000
PAVS	ROS_LAG_M	3	0.2222	0.2149		0.4167	0.3307		11.07	3.74		0.000	0.000		0.000	0.000		8.000	7.735		0.000	0.000
PAVS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PAVS	SWA_FRF_D	4	0.0000	0.0000		0.5750	0.2834		18.37	.		0.125	.		0.000	0.000		0.000	0.000		17.391	9.920
PAVS	SWA_FRF_M	6	0.0000	0.0000		0.1515	0.0540		13.75	9.00		0.250	0.804		0.000	0.000		0.000	0.000		34.641	23.059
PAVS	SWA_FRF_S	8	0.0000	0.0000		0.1813	0.0378		20.36	7.17		0.893	0.663		10.345	7.215		0.000	0.000		55.172	17.296
PAVS	TAU_MPA_FRF_D	2	0.5000	0.1672		1.0500	0.0701		11.49	7.24		0.413	0.852		0.000	0.000		9.524	0.787		4.762	4.713
PAVS	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.7719	0.2920		17.42	8.58		0.950	1.077		0.000	0.000		2.159	2.159		0.000	0.000
PAVS	TAU_OPEN_FRF_D	3	0.5714	0.1196		1.0926	0.8531		5.10	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TAU_OPEN_FRF_M	9	0.0741	0.0490		0.3906	0.1278		14.04	3.02		0.000	0.000		0.000	0.000		3.346	3.339		5.689	3.096
PAVS	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.2000	0.1019		17.78	7.30		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.3333	0.3323		5.0671	0.9300		7.08	2.43		0.292	0.276		0.000	0.000		0.000	0.000		8.248	1.283
PAVS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.1500	0.1498		15.00	.		0.000	.		0.000	0.000		0.000	0.000		33.333	33.278
PAVS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.3250	0.0753		26.25	4.39		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0500	0.0289		1.25	0.93		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.1403	0.0363		13.00	9.11		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PAVS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.5833	0.2251		4.34	1.03		0.025	0.049		1.714	1.715		0.000	0.000		0.000	0.000
PAVS	TUT_NE_OPEN_FRF_M	7	0.0476	0.0475		1.9048	0.5057		9.98	2.65		0.125	0.134		0.000	0.000		1.000	0.998		9.000	3.615
PAVS	TUT_NE_OPEN_FRF_S	5	0.2667	0.1629		0.9500	0.2935		16.29	5.23		0.100	0.100		0.000	0.000		2.105	2.100		9.474	3.484
PAVS	TUT_NW_OPEN_FRF_D	3	0.6889	0.5016		1.4333	0.2725		6.10	.		0.167	.		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_NW_OPEN_FRF_M	3	0.6389	0.5181		1.6000	0.1532		9.13	3.23		0.000	0.000		0.000	0.000		0.000	0.000		8.333	5.503
PAVS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		1.1500	1.1480		17.95	.		0.700	.		0.000	0.000		2.174	2.174		17.391	17.377
PAVS	TUT_SE_OPEN_FRF_D	5	0.4333	0.2764		0.3900	0.3037		13.21	10.56		0.092	0.082		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_SE_OPEN_FRF_M	12	0.4792	0.1798		1.1194	0.2518		15.03	3.56		0.287	0.162		0.744	0.743		0.000	0.000		7.111	3.950
PAVS	TUT_SE_OPEN_FRF_S	5	0.3000	0.2600		0.3400	0.1511		10.40	5.03		0.000	0.000		0.000	0.000		2.941	2.942		2.941	2.942
PAVS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.5000	0.4836		1.2079	0.8629		14.77	.		0.000	.		0.000	0.000		0.000	0.000		8.279	8.007
PAVS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0833	0.0836		0.7000	0.4957		6.53	4.87		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0833	0.0844		0.1250	0.1265		15.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0833	0.0754		1.1375	0.4897		7.22	2.82		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PAVS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.6100	0.1089		11.44	4.12		0.000	0.000		0.000	0.000		0.000	0.000		14.889	8.502
PAVS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.1333	0.1245		0.1400	0.0866		7.92	3.92		0.000	0.000		0.000	0.000		0.000	0.000		7.143	7.333
PAVS	TUT_SW_OPEN_FRF_D	2	0.1667	0.1665		0.9713	0.7484		6.02	.		0.167	.		5.535	5.530		0.000	0.000		0.000	0.000
PAVS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.9500	0.7492		8.80	.		0.000	.		0.000	0.000		0.000	0.000		5.263	5.257
PAVS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.4667	0.1200		14.31	4.78		0.000	0.000		0.000	0.000		0.000	0.000		3.571	3.575

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
PLES	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	OFU_FRF_M	14	0.0000	0.0000	0.0071	0.0071	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PLES	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	40.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PLES	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0375	0.0376	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PLES	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
PLES	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
PLES	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
PLSP	OFU_FRF_D	9	0.3037	0.1409		1.0150	0.1777		6.68	.		0.194	.		2.189	2.181		0.000	0.000		0.000	0.000
PLSP	OFU_FRF_M	14	0.0238	0.0237		0.5662	0.1337		7.83	1.35		0.120	0.140		1.314	1.317		0.000	0.000		10.232	5.828
PLSP	OFU_FRF_S	8	0.0000	0.0000		0.1442	0.0581		24.14	6.82		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	ROS_BRF_S	7	0.0000	0.0000		0.0357	0.0275		41.25	20.14		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	ROS_FRF_M	6	0.0000	0.0000		0.0167	0.0166		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TAU_MPA_FRF_D	2	0.5833	0.0836		0.6000	0.0165		12.10	4.12		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TAU_MPA_FRF_MS	3	0.1667	0.0959		0.6093	0.2586		6.08	1.88		0.833	0.961		0.000	0.000		0.000	0.000		8.206	4.724
PLSP	TAU_OPEN_FRF_D	3	0.3333	0.1921		1.2630	0.8118		7.35	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TAU_OPEN_FRF_M	9	0.0556	0.0393		0.6159	0.2253		9.76	2.59		0.056	0.055		0.000	0.000		0.000	0.000		3.025	2.196
PLSP	TAU_OPEN_FRF_S	4	0.0417	0.0417		0.1625	0.1139		10.42	5.35		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0588	0.0586		30.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0500	0.0499		10.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0833	0.0831		0.1375	0.0897		3.89	3.42		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0528	0.0302		2.50	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0400	0.0399		1.50	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0571	0.0368		12.50	.		0.250	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0667	0.0333		12.50	.		0.000	.		0.000	0.000		0.000	0.000		50.000	49.927
PLSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0167	0.0167		5.00	.		0.000	.		0.000	0.000		0.000	0.000		100.000	100.084
PLSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0400	0.0244		2.50	1.61		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0738	0.0298		6.67	1.94		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0526	0.0509		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0375	0.0227		10.00	8.36		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0556	0.0555		30.00	.		5.000	.		0.000	0.000		0.000	0.000		0.000	0.000
PLSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
PLSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
POCS	OFU_FRF_D	9	0.2037	0.0665	1.1442	0.1614	5.20	.	0.589	.	0.000	0.000	0.000	0.000	3.112	2.130
POCS	OFU_FRF_M	14	0.2024	0.0763	1.0372	0.1542	12.37	2.47	0.775	0.391	0.000	0.000	0.000	0.000	2.095	1.229
POCS	OFU_FRF_S	8	0.3750	0.1318	1.8323	0.4399	13.26	3.28	0.150	0.099	0.000	0.000	0.000	0.000	6.858	3.927
POCS	ROS_BRF_M	2	0.0000	0.0000	0.3648	0.0351	10.00	.	0.000	.	0.000	0.000	0.000	0.000	15.060	15.010
POCS	ROS_BRF_S	7	0.0238	0.0239	0.1000	0.0332	14.46	6.78	0.000	0.000	0.000	0.000	0.000	0.000	14.286	13.855
POCS	ROS_FRF_D	2	0.0000	0.0000	1.6958	0.5870	5.85	.	0.000	.	0.000	0.000	0.000	0.000	6.143	6.051
POCS	ROS_FRF_M	6	1.0000	0.2456	2.9148	0.6144	7.44	4.91	0.454	0.361	1.144	0.852	0.858	0.583	0.673	0.668
POCS	ROS_FRF_S	3	1.3333	0.4950	4.2167	1.3616	7.20	2.45	1.000	0.681	1.581	1.565	0.000	0.000	3.557	2.954
POCS	ROS_LAG_D	4	0.1250	0.0679	0.9338	0.2404	12.43	10.61	0.119	1.162	0.000	0.000	0.000	0.000	0.000	0.000
POCS	ROS_LAG_M	3	0.5556	0.2176	0.7333	0.5158	19.08	9.77	0.100	0.097	0.000	0.000	0.000	0.000	0.000	0.000
POCS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
POCS	SWA_FRF_D	4	0.2500	0.2470	0.4000	0.0902	2.24	.	3.750	.	0.000	0.000	0.000	0.000	31.250	18.524
POCS	SWA_FRF_M	6	0.3611	0.1616	3.8324	1.4291	6.84	4.18	0.126	0.615	0.528	0.351	0.000	0.000	24.438	9.342
POCS	SWA_FRF_S	8	0.8750	0.3885	7.9859	1.4782	5.17	1.55	0.188	0.266	0.000	0.000	0.339	0.176	14.894	3.927
POCS	TAU_MPA_FRF_D	2	0.4167	0.4126	0.1750	0.1238	5.00	4.95	1.650	1.633	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TAU_MPA_FRF_MS	3	0.5000	0.3323	0.7528	0.1805	12.88	3.24	0.092	0.181	4.935	2.489	0.000	0.000	2.214	2.214
POCS	TAU_OPEN_FRF_D	3	0.5952	0.5940	0.6704	0.2363	0.67	.	0.067	.	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TAU_OPEN_FRF_M	9	0.4111	0.1387	0.3542	0.0819	4.66	1.56	0.044	0.065	1.568	1.569	0.000	0.000	3.137	2.077
POCS	TAU_OPEN_FRF_S	4	0.0833	0.0830	0.2250	0.1028	20.70	10.61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.1667	0.1661	0.8685	0.2794	14.16	8.36	0.388	0.557	6.389	6.369	0.000	0.000	6.773	6.752
POCS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.2500	0.2497	1.1500	0.6489	5.83	1.80	0.025	0.025	0.000	0.000	0.000	0.000	4.348	4.341
POCS	TUT_NE_MPA_AUNUUA_FRF_S	2	2.0000	1.3186	6.5000	0.4971	18.49	9.93	0.650	1.161	0.769	0.772	0.000	0.000	18.846	1.187
POCS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.2083	0.0797	0.1625	0.0625	14.10	4.92	0.567	0.490	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.2708	0.0402	0.8389	0.1880	5.03	4.66	0.500	0.494	0.000	0.000	0.000	0.000	2.980	2.946
POCS	TUT_NE_MPA_AUNUUB_FRF_S	2	1.0833	0.5167	1.6500	0.3273	10.58	15.32	0.238	2.425	0.000	0.000	0.000	0.000	30.303	18.423
POCS	TUT_NE_OPEN_FRF_D	5	0.1000	0.0666	0.3733	0.1949	1.36	1.36	0.500	0.344	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_NE_OPEN_FRF_M	7	0.0476	0.0477	0.2990	0.0877	2.74	1.08	0.883	0.762	0.000	0.000	0.000	0.000	5.461	5.449
POCS	TUT_NE_OPEN_FRF_S	5	0.0667	0.0665	0.9500	0.2696	5.23	2.23	0.260	0.166	0.000	0.000	0.000	0.000	12.632	6.124
POCS	TUT_NW_OPEN_FRF_D	3	0.1333	0.1331	0.2667	0.0881	19.17	.	6.667	.	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_NW_OPEN_FRF_M	3	0.1944	0.1000	0.1833	0.1362	11.45	1.43	0.625	0.574	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_NW_OPEN_FRF_S	2	0.1667	0.0073	0.1750	0.0751	38.75	21.30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_SE_OPEN_FRF_D	5	0.0333	0.0333	0.0300	0.0200	20.00	12.62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_SE_OPEN_FRF_M	12	0.1146	0.0439	0.3821	0.0998	13.38	5.10	1.186	0.571	2.181	2.176	0.000	0.000	4.362	2.463
POCS	TUT_SE_OPEN_FRF_S	5	0.2333	0.0668	1.2900	0.7164	7.53	4.15	0.400	0.303	0.775	0.775	0.000	0.000	0.000	0.000
POCS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.3053	0.0916	8.50	.	10.650	.	0.000	0.000	0.000	0.000	16.379	15.842
POCS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.3333	0.0258	0.5250	0.1735	1.36	0.95	5.350	5.158	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.2500	0.2531	1.8750	0.4577	13.23	5.31	1.300	2.215	1.333	1.349	0.000	0.000	10.667	10.399
POCS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0958	0.0605	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0313	0.0315	0.5080	0.1998	6.93	4.20	0.000	0.000	0.000	0.000	0.000	0.000	16.325	16.207
POCS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.3000	0.1347	1.3288	0.2908	11.03	4.23	0.030	0.332	0.753	0.773	0.000	0.000	10.093	6.507
POCS	TUT_SW_OPEN_FRF_D	2	0.1667	0.1665	0.4409	0.2256	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.2000	0.0999	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
POCS	TUT_SW_OPEN_FRF_S	3	0.2778	0.2773	1.3500	0.3815	8.60	2.02	0.092	0.114	2.469	2.465	0.000	0.000	12.346	6.531

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
POSP	OFU_FRF_D	9	0.6667	0.3630	1.2652	0.4247	14.05	.	0.008	.	0.000	0.000	0.000	0.000	0.878	0.875
POSP	OFU_FRF_M	14	0.6429	0.1587	1.3364	0.2496	10.29	2.03	0.511	0.266	0.267	0.268	1.871	1.157	5.612	2.728
POSP	OFU_FRF_S	8	0.4583	0.3639	1.0796	0.4289	22.66	3.10	0.300	0.235	0.000	0.000	0.000	0.000	1.158	1.148
POSP	ROS_BRF_M	2	0.6667	0.6644	0.2698	0.1692	35.65	.	0.000	.	0.000	0.000	0.000	0.000	20.367	20.298
POSP	ROS_BRF_S	7	0.5476	0.3544	0.1929	0.0889	28.79	6.14	0.000	0.000	0.000	0.000	7.407	7.423	3.704	3.711
POSP	ROS_FRF_D	2	0.3333	0.3284	0.4500	0.4433	4.97	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
POSP	ROS_FRF_M	6	0.8333	0.2568	1.0796	0.3793	5.38	0.92	0.385	0.193	0.000	0.000	2.316	1.575	24.702	14.778
POSP	ROS_FRF_S	3	2.5556	1.6426	1.8500	0.8465	10.75	2.79	0.025	0.161	0.000	0.000	1.802	1.811	8.108	6.734
POSP	ROS_LAG_D	4	2.0417	1.0011	0.4273	0.0741	25.46	13.13	0.350	1.992	0.000	0.000	0.000	0.000	0.000	0.000
POSP	ROS_LAG_M	3	0.6667	0.6446	0.0833	0.0454	22.50	18.50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
POSP	SWA_FRF_D	4	0.5417	0.2802	1.0750	0.3855	12.90	.	0.125	.	0.000	0.000	0.000	0.000	9.302	5.306
POSP	SWA_FRF_M	6	0.0000	0.0000	0.2013	0.0484	4.88	3.45	0.083	0.498	0.000	0.000	0.000	0.000	8.279	5.384
POSP	SWA_FRF_S	8	0.0417	0.0418	0.7148	0.1889	9.30	2.15	0.000	0.000	0.000	0.000	0.000	0.000	2.623	1.829
POSP	TAU_MPA_FRF_D	2	0.5000	0.1649	0.8000	0.2969	10.28	5.97	0.150	0.148	0.000	0.000	12.500	12.370	0.000	0.000
POSP	TAU_MPA_FRF_MS	3	0.2222	0.1465	0.9754	0.4033	21.74	2.43	0.000	0.000	0.000	0.000	3.417	3.402	0.000	0.000
POSP	TAU_OPEN_FRF_D	3	1.5159	0.9304	2.4222	0.9643	16.41	.	0.200	.	1.376	1.373	0.000	0.000	0.000	0.000
POSP	TAU_OPEN_FRF_M	9	0.2037	0.0991	0.8316	0.2892	17.70	6.85	0.171	0.145	2.004	2.000	2.908	1.649	6.484	4.282
POSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.4000	0.1676	6.69	2.94	0.058	0.121	0.000	0.000	6.250	6.224	0.000	0.000
POSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.2500	0.2503	0.6642	0.1589	0.65	0.83	0.625	0.804	0.000	0.000	0.000	0.000	8.856	8.828
POSP	TUT_NE_MPA_AUNUUA_FRF_M	2	1.0833	0.7489	1.5500	0.8487	16.49	2.36	0.000	0.000	0.000	0.000	0.000	0.000	25.806	19.324
POSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0833	0.0836	0.4500	0.3462	14.08	10.91	1.613	2.194	5.556	5.575	0.000	0.000	27.778	27.487
POSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.5417	0.1249	0.7250	0.1599	19.49	3.99	0.262	0.246	1.724	1.725	0.000	0.000	3.448	3.440
POSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.6458	0.3900	1.3389	0.7197	17.78	9.02	0.788	0.779	0.000	0.000	4.668	3.499	17.739	11.810
POSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.1000	0.0498	17.50	19.94	0.000	0.000	0.000	0.000	75.000	43.157	0.000	0.000
POSP	TUT_NE_OPEN_FRF_D	5	0.3667	0.1854	0.5200	0.1355	14.44	6.28	0.499	0.543	0.000	0.000	0.000	0.000	8.333	6.206
POSP	TUT_NE_OPEN_FRF_M	7	2.3333	1.7866	2.3007	0.7537	8.06	2.35	0.061	0.053	0.710	0.708	0.310	0.311	2.070	0.991
POSP	TUT_NE_OPEN_FRF_S	5	0.4667	0.2256	1.5700	0.5800	5.71	1.99	0.087	0.059	0.000	0.000	0.000	0.000	7.006	3.241
POSP	TUT_NW_OPEN_FRF_D	3	0.9111	0.2727	1.4667	0.4660	13.77	.	0.548	.	0.000	0.000	2.273	2.269	0.000	0.000
POSP	TUT_NW_OPEN_FRF_M	3	0.5556	0.2936	1.8667	0.4171	5.32	2.91	0.962	0.473	0.000	0.000	0.000	0.000	22.321	20.961
POSP	TUT_NW_OPEN_FRF_S	2	0.3333	0.1671	2.5250	2.1213	10.34	8.00	3.954	3.154	0.000	0.000	0.990	0.990	3.960	1.978
POSP	TUT_SE_OPEN_FRF_D	5	0.2000	0.0971	0.2900	0.1041	19.32	10.24	1.931	0.908	0.000	0.000	0.000	0.000	3.448	3.449
POSP	TUT_SE_OPEN_FRF_M	12	0.6493	0.2007	1.3674	0.4318	14.52	2.76	0.174	0.116	1.828	1.824	0.914	0.657	3.416	1.691
POSP	TUT_SE_OPEN_FRF_S	5	0.2667	0.1942	0.5800	0.3300	11.00	3.69	0.750	0.567	0.000	0.000	0.000	0.000	34.483	34.437
POSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	1.9868	0.4963	5.36	.	1.370	.	0.000	0.000	7.550	7.302	7.682	2.306
POSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.5000	0.1652	1.3250	0.0791	11.62	3.07	0.000	0.000	0.000	0.000	0.000	0.000	5.660	5.617
POSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0250	0.0253	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
POSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.2500	0.1443	0.3167	0.0724	6.98	4.03	0.000	0.000	0.000	0.000	0.000	0.000	13.158	7.682
POSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.1458	0.0854	0.2768	0.1231	9.17	4.14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.1000	0.0639	0.3641	0.1454	26.98	6.38	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
POSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.8262	0.3957	12.69	.	1.788	.	0.000	0.000	0.000	0.000	0.000	0.000
POSP	TUT_SW_OPEN_FRF_M	2	0.6667	0.6659	1.5500	0.2497	0.98	.	0.242	.	3.226	3.222	0.000	0.000	0.000	0.000
POSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	1.5833	1.2254	12.62	6.23	0.040	0.033	0.000	0.000	1.053	1.054	1.053	1.054

Table A10 (cont'd).

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Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
SASP	OFU_FRF_D	9	0.0000	0.0000		0.0370	0.0369		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SASP	OFU_FRF_M	14	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0500	0.0495		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SASP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0333	0.0333		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SASP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.1333	0.1331		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SASP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0900	0.0779		0.00	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
SASP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0250	0.0226		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SASP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SASP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.1075	0.1074		0.00	.		15.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SASP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000	
SASP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000	

Table A10 (cont'd).

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Table A10 (cont'd).

Genus	Strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
STSP	OFU_FRF_D	9	0.0741	0.0738	0.0339	0.0237	30.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	OFU_FRF_M	14	0.2857	0.1148	0.0892	0.0260	7.93	3.36	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STSP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.1000	0.0990	1.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0131	0.0130	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.2500	0.0834	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0500	0.0387	12.50	7.89	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	10.00	.	65.000	.	50.000	50.056	0.000	0.000	0.000	0.000
STSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1667	0.0333	35.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0333	0.0333	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0250	0.0250	5.00	.	0.000	.	0.000	0.000	0.000	0.000	100.000	99.998
STSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	.	5.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0083	0.0083	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0417	0.0420	0.0125	0.0126	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0471	0.0439	12.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1111	0.1110	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
STSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
STSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0167	0.0167	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
STYS	OFU_FRF_D	9	0.0370	0.0369		0.0450	0.0338		0.00			0.000			0.000	0.000		0.000	0.000		0.000	0.000
STYS	OFU_FRF_M	14	0.0000	0.0000		0.0091	0.0063		0.00	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.000	0.000
STYS	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	SWA_FRF_D	4	0.1667	0.1647		0.1250	0.0935		16.90			0.000			0.000	0.000		0.000	0.000		0.000	0.000
STYS	SWA_FRF_M	6	0.0972	0.0892		0.2287	0.1617		0.30	0.79		0.000	0.000		0.000	0.000		0.000	0.000		73.409	50.701
STYS	SWA_FRF_S	8	0.0625	0.0436		0.0875	0.0337		1.25	0.88		0.000	0.000		0.000	0.000		0.000	0.000		71.429	28.219
STYS	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0833	0.0834		1.8665	1.8621		36.35			0.350			0.000	0.000		0.000	0.000		7.873	7.863
STYS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0125	0.0126		80.00			0.000			0.000	0.000		0.000	0.000		0.000	0.000
STYS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NE_OPEN_FRF_M	7	0.0952	0.0950		0.7071	0.4755		15.25	1.26		0.700	0.175		0.000	0.000		0.000	0.000		8.081	5.205
STYS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0200	0.0200		20.00			0.000			0.000	0.000		0.000	0.000		0.000	0.000
STYS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
STYS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	Strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Genus																						
SYSP	OFU_FRF_D	9	0.0000	0.0000		0.0368	0.0254		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	OFU_FRF_M	14	0.0000	0.0000		0.0159	0.0158		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	OFU_FRF_S	8	0.0000	0.0000		0.0125	0.0124		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		.	.		0.000	.		.	.		.	.		.	.
SYSP	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		.	.		0.000	.		.	.		.	.		.	.
SYSP	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		.	.		0.000	.		.	.		.	.		.	.
SYSP	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TAU_MPA_FRF_D	2	0.0000	0.0000		0.1000	0.0990		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0167	0.0167		0.00	.		30.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0392	0.0391		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0250	0.0249		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0163	0.0163		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0333	0.0333		10.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0250	0.0226		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.000	0.000
SYSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.
SYSP	TUT_SW_OPEN FRF S	3	0.0000	0.0000		0.0000	0.0000		.	.		.	.		.	.		.	.		.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
TURS	OFU_FRF_D	9	0.0370	0.0369	0.0864	0.0570	18.33	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	OFU_FRF_M	14	0.0238	0.0237	0.1784	0.0559	16.13	4.14	0.292	0.196	0.000	0.000	0.000	0.000	0.000	0.000
TURS	OFU_FRF_S	8	0.0000	0.0000	0.0192	0.0191	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	0.000	.	.	.	.	.	.	.
TURS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	0.000	.	.	.	.	.	.	.
TURS	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	0.000	.	.	.	.	.	.	.
TURS	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	0.000	.	.	.	.	.	.	.
TURS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.1250	0.0251	2.50	2.47	2.500	2.474	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.0403	0.0401	17.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0704	0.0353	5.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TAU_OPEN_FRF_M	9	0.0370	0.0371	0.1111	0.0929	31.16	11.86	0.000	0.000	0.000	0.000	0.000	0.000	5.000	5.003
TURS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0588	0.0586	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0750	0.0748	8.30	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	10.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	.	10.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0125	0.0125	2.50	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TURS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TURS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A10 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	Strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Genus																
TUSP	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0125	0.0126	3.00	.	0.000	.	0.000	0.000	0.000	0.000	0.000	0.000
TUSP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
TUSP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Benthic Appendix: Table A11. Strata-level estimates of juvenile and adult density, partial mortality and prevalence of disease and bleaching for selected species in American Samoa 2015. Juvenile and adult density estimates include standard error and coefficient of variation (%CV). Partial mortality estimates are reported as mean % of the colony affected and standard error for two categories: old dead and recent dead. Reported prevalence of disease included two broad categories: (1) diseases that cause lesions and (2) diseases that do not cause lesions. Bleaching prevalence included the range of severity from pale to white and extent from 1 to 100.

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
AABR	OFU_FRF_D	9	0.0000	0.0000	0.0134	0.0133	1.11	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AABR	OFU_FRF_M	14	0.0000	0.0000	0.0253	0.0156	0.89	0.76	0.000	0.000	0.000	0.000	28.235	28.101	0.00	0.00
AABR	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0286	0.0285	2.86	2.85	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AABR	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	100.00	99.77
AABR	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0167	0.0128	1.33	1.26	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AABR	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0500	0.0506	1.88	3.48	1.500	.	50.000	50.599	0.000	0.000	50.00	50.60
AABR	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AABR	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0250	0.0252	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AABR	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0100	0.0103	2.50	3.66	2.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AABR	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AABR	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
AASP	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	OFU_FRF_M	14	0.0000	0.0000	0.0444	0.0315	0.71	0.71	1.500	.	0.000	0.000	0.000	0.000	48.21	47.99
AASP	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	ROS_BRF_M	2	0.0000	0.0000	0.8242	0.8214	12.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AASP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.0342	0.0172	2.50	1.66	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AASP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.0056	0.0056	0.56	0.58	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AASP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	25.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AASP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AASP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AASP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
ACYT	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	OFU_FRF_M	14	0.0000	0.0000	0.0071	0.0071	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0500	0.0499	2.50	2.50	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0286	0.0184	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.4000	0.3507	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0500	0.0500	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_SE_OPEN_FRF_M	12	0.0104	0.0104	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ACYT	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.1000	0.0522	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.1801	0.1163	1.13	1.03	0.000	0.000	0.000	0.000	27.761	27.189	0.00	0.00
ACYT	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0200	0.0187	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ACYT	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0500	0.0500	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ACYT	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
AHEM	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	OFU_FRF_M	14	0.0000	0.0000	0.0302	0.0204	1.79	1.78	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHEM	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	0.28	0.31	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHEM	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHEM	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHEM	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1111	0.1110	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHEM	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHEM	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
AHUM	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	OFU_FRF_M	14	0.0000	0.0000	0.0376	0.0220	2.38	2.03	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TAU_MPA_FRF_D	2	0.0000	0.0000	0.1000	0.0990	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	0.56	0.58	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0500	0.0499	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0250	0.0247	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHUM	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	1.25	1.13	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0125	0.0126	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0706	0.0659	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHUM	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHUM	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ²)	SE	density (# m ²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
AHYA	OFU_FRF_D	9	0.0000	0.0000	0.0111	0.0111	0.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1143	0.0034	12.00	8.03	0.250	0.408	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0750	0.0743	1.25	1.82	0.000	.	0.000	0.000	0.000	0.000	100.00	99.06
AHYA	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0333	0.0218	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0700	0.0373	2.00	1.22	1.000	0.828	0.000	0.000	0.000	0.000	57.14	34.91
AHYA	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0500	0.0499	0.50	0.58	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0375	0.0254	0.96	0.83	0.667	0.177	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.1000	0.0369	1.50	1.08	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.1125	0.0709	1.58	1.34	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AHYA	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AHYA	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AHYA	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0667	0.0666	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
AISH	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	OFU_FRF_S	8	0.0000	0.0000	0.0192	0.0191	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AISH	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AISH	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AISH	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
ALVE	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_OPEN_FRF_D	5	0.1333	0.1331	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	0.71	0.71	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ALVE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0167	0.0167	0.83	0.91	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ALVE	TUT_NW_OPEN_FRF_S	2	0.1667	0.1667	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0098	0.0098	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ALVE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ALVE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ALVE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.1333	0.1331	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
AMYR	OFU_FRF_D	9	0.0000	0.0000	0.6162	0.2906	4.92	.	0.833	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	OFU_FRF_M	14	0.0000	0.0000	0.6527	0.2903	5.25	1.70	0.000	0.000	0.000	0.000	1.094	1.089	4.38	4.36
AMYR	OFU_FRF_S	8	0.0208	0.0210	0.0688	0.0557	5.25	3.60	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	ROS_BRF_M	2	0.3333	0.3322	6.5440	4.4411	23.26	.	0.525	.	0.000	0.000	0.764	0.761	1.60	0.08
AMYR	ROS_BRF_S	7	0.0714	0.0485	0.7714	0.1789	24.76	6.61	1.438	1.209	0.000	0.000	0.000	0.000	2.78	1.88
AMYR	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AMYR	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	ROS_LAG_D	4	0.0313	0.0321	1.3546	0.5454	29.47	13.28	0.506	2.403	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	ROS_LAG_M	3	0.4444	0.2842	3.1667	1.2247	31.50	8.56	2.133	2.063	2.105	2.035	0.000	0.000	0.53	0.53
AMYR	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AMYR	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	TAU_MPA_FRF_D	2	0.0000	0.0000	0.4750	0.2230	11.51	5.04	0.000	0.000	0.000	0.000	0.000	0.000	10.53	10.42
AMYR	TAU_MPA_FRF_MS	3	0.0000	0.0000	1.2914	0.5437	9.99	2.82	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TAU_OPEN_FRF_D	3	0.2302	0.1150	1.0259	0.4495	18.92	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TAU_OPEN_FRF_M	9	0.0741	0.0403	1.3824	0.3404	13.73	3.09	0.222	0.194	0.000	0.000	0.804	0.804	1.21	0.85
AMYR	TAU_OPEN_FRF_S	4	0.2917	0.1053	0.6250	0.1608	16.56	6.14	0.063	0.145	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.3000	0.1997	18.00	13.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.2000	0.1680	15.54	11.83	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	1.2542	0.2190	11.21	1.86	0.206	0.329	0.000	0.000	0.000	0.000	1.99	2.01
AMYR	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0533	0.0343	12.00	9.68	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.4582	0.3454	2.17	1.53	0.125	0.094	0.000	0.000	0.000	0.000	6.24	6.22
AMYR	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.4400	0.1856	11.85	6.10	0.000	0.000	0.000	0.000	0.000	0.000	36.36	36.28
AMYR	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1000	0.0999	1.67	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0333	0.0334	0.58	0.66	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0750	0.0749	8.75	8.81	1.250	.	33.333	33.333	0.000	0.000	0.00	0.00
AMYR	TUT_SE_OPEN_FRF_D	5	0.0250	0.0250	0.0500	0.0274	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SE_OPEN_FRF_M	12	0.0903	0.0627	0.2351	0.1174	2.62	1.58	0.050	0.032	0.000	0.000	0.000	0.000	1.77	1.77
AMYR	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.3000	0.2902	4.25	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.7000	0.6937	2.86	2.83	0.250	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0500	0.0481	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0667	0.0372	3.75	3.39	12.500	7.995	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0661	0.0654	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AMYR	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.2169	0.1056	4.17	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
AMYR	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AMYR	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
ANOB	OFU_FRF_D	9	0.0000	0.0000	0.1533	0.1527	1.18	.	1.100	.	0.000	0.000	0.000	0.000	0.00	0.00
ANOB	OFU_FRF_M	14	0.0000	0.0000	0.0036	0.0036	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ANOB	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ANOB	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0179	0.0180	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ANOB	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.1500	0.1092	5.83	4.40	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
ANOB	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ANOB	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0333	3.33	3.33	0.000	.	0.000	0.000	0.000	0.000	100.00	99.82

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
APAN	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0533	0.0343	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	62.50	62.40
APAN	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0071	0.0072	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
APAN	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1333	0.0881	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
APAN	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.1333	0.1331	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	25.00	24.96
APAN	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.2000	0.1982	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
APAN	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
APAN	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0538	0.0537	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
APAN	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
APAN	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
ASPE	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ASPE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ASPE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ASPE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
AVER	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	SWA_FRF_M	6	0.0000	0.0000	0.0588	0.0538	0.28	0.25	0.000	.	0.000	0.000	0.000	0.000	66.67	61.02
AVER	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
AVER	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
AVER	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd)

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
CCOL	OFU_FRF_D	9	0.0000	0.0000	0.0414	0.0274	0.44	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	OFU_FRF_M	14	0.0000	0.0000	0.0217	0.0155	0.18	0.22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	OFU_FRF_S	8	0.0000	0.0000	0.0317	0.0212	5.63	4.91	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CCOL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	ROS_FRF_D	2	0.0000	0.0000	0.2500	0.2463	3.10	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	ROS_FRF_M	6	0.0278	0.0279	0.2640	0.1444	4.41	2.50	1.000	0.811	0.000	0.000	0.000	0.000	6.31	6.27
CCOL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	ROS_LAG_D	4	0.0000	0.0000	0.0125	0.0128	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	SWA_FRF_D	4	0.0000	0.0000	0.0750	0.0473	12.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	SWA_FRF_M	6	0.0000	0.0000	0.0083	0.0084	4.17	4.87	5.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	SWA_FRF_S	8	0.0000	0.0000	0.0813	0.0546	8.13	6.08	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CCOL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0250	0.0250	0.63	0.70	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	3.00	3.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0857	0.0594	1.61	1.11	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0100	0.0100	0.50	0.57	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CCOL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.30	0.34	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0167	0.0094	7.71	5.11	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.2000	0.1934	1.63	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0500	0.0261	0.50	0.45	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0179	0.0180	0.25	0.63	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CCOL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	15.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CCOL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CCOL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.1667	0.0880	5.00	2.88	0.000	.	0.000	0.000	0.000	0.000	20.00	19.96

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
CEXE	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	OFU_FRF_M	14	0.0000	0.0000	0.0286	0.0284	1.79	1.78	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CEXE	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	SWA_FRF_M	6	0.0000	0.0000	0.0167	0.0168	0.08	0.50	0.000	.	0.000	0.000	0.000	0.000	50.00	50.34
CEXE	SWA_FRF_S	8	0.0417	0.0413	0.0750	0.0744	0.46	0.45	0.000	.	0.000	0.000	0.000	0.000	66.67	66.10
CEXE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	1.39	1.41	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CEXE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0333	0.0333	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CEXE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CEXE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CEXE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CEXE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
CMAY	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	SWA_FRF_M	6	0.0000	0.0000	0.0083	0.0084	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CMAY	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0167	0.0167	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	33.33	33.35
CMAY	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0098	0.0098	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CMAY	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CMAY	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0167	0.0175	0.38	1.67	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
CMAY	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
CMAY	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
CMAY	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
DHEL	OFU_FRF_D	9	0.0000	0.0000	0.0234	0.0233	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
DHEL	OFU_FRF_M	14	0.0000	0.0000	0.0143	0.0142	0.71	0.71	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
DHEL	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
DHEL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	0.000	.	.	.	.	.	.	.
DHEL	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	0.000	.	.	.	.	.	.	.
DHEL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	0.000	.	.	.	.	.	.	.
DHEL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.1667	0.1664	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	1.00	1.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
DHEL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1333	0.0333	30.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
DHEL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
DHEL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
DHEL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
DHEL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0500	0.0500	12.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
DHEL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
EGEM	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.0056	0.0056	1.11	1.14	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
EGEM	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	0.60	0.60	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
EGEM	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
EGEM	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
EGEM	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0538	0.0537	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
EGEM	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0500	0.0500	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
EGEM	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
ELAM	OFU_FRF_D	9	0.0000	0.0000	0.0134	0.0133	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	OFU_FRF_M	14	0.0000	0.0000	0.0179	0.0178	0.87	0.91	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	OFU_FRF_S	8	0.0000	0.0000	0.1625	0.1612	0.67	0.67	0.400	.	23.077	22.885	0.000	0.000	0.00	0.00
ELAM	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ELAM	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ELAM	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ELAM	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TAU_OPEN_FRF_D	3	0.1111	0.1109	0.0370	0.0370	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0500	0.0502	4.00	4.58	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0429	0.0428	1.93	1.96	2.500	.	0.000	0.000	0.000	0.000	16.67	16.69
ELAM	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	8.00	7.98	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1000	0.0999	4.44	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0083	0.0083	2.08	2.10	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ELAM	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
ELAM	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0250	0.0252	2.50	3.01	0.000	.	0.000	0.000	0.000	0.000	50.00	50.33
ELAM	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0200	0.0187	7.00	7.70	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
ELAM	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ELAM	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
ELAM	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
FMAT	OFU_FRF_D	9	0.0000	0.0000	0.0525	0.0362	3.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	OFU_FRF_M	14	0.0000	0.0000	0.0429	0.0290	3.57	2.08	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	OFU_FRF_S	8	0.0000	0.0000	0.0125	0.0126	1.56	1.69	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	ROS_BRF_M	2	0.0000	0.0000	1.2000	1.1960	13.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	ROS_BRF_S	7	0.1667	0.1368	0.5000	0.2409	12.05	6.57	0.083	0.187	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
FMAT	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	ROS_LAG_D	4	0.0000	0.0000	0.0375	0.0264	0.63	2.67	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	ROS_LAG_M	3	0.0000	0.0000	1.2000	0.5908	20.18	10.02	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
FMAT	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0750	0.0251	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0333	0.0167	5.83	3.82	5.000	4.170	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
FMAT	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0278	0.0147	0.83	0.86	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0375	0.0239	5.00	2.94	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.1333	0.0807	1.54	0.91	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0400	0.0245	4.00	3.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_SE_OPEN_FRF_D	5	0.1333	0.1334	0.0600	0.0484	11.50	7.09	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_SE_OPEN_FRF_M	12	0.0139	0.0139	0.0363	0.0203	0.63	0.48	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0300	0.0200	0.50	0.53	0.000	0.000	0.000	0.000	0.000	0.000	66.67	66.58
FMAT	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
FMAT	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FMAT	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1111	0.1110	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FMAT	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
FMAT	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
FSTE	OFU_FRF_D	9	0.3148	0.1527	1.1013	0.2588	14.63	.	0.000	.	0.000	0.000	0.000	0.000	1.22	1.21
FSTE	OFU_FRF_M	14	0.0595	0.0414	0.5105	0.1576	12.23	3.09	0.019	0.045	0.000	0.000	0.000	0.000	3.50	1.66
FSTE	OFU_FRF_S	8	0.0000	0.0000	0.1063	0.0424	8.41	4.73	0.500	0.504	5.882	5.911	0.000	0.000	0.00	0.00
FSTE	ROS_BRF_M	2	0.0000	0.0000	0.1500	0.1495	2.50	.	5.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	ROS_BRF_S	7	0.0000	0.0000	0.0714	0.0693	0.71	0.69	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	ROS_FRF_D	2	0.0000	0.0000	0.3583	0.0575	6.25	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	ROS_FRF_M	6	0.0556	0.0552	0.4830	0.1790	16.61	4.65	0.782	0.540	0.000	0.000	5.412	3.598	0.00	0.00
FSTE	ROS_FRF_S	3	0.0000	0.0000	0.2667	0.0881	10.17	3.57	0.000	0.000	0.000	0.000	0.000	0.000	12.50	12.37
FSTE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	ROS_LAG_M	3	0.0000	0.0000	0.0333	0.0322	0.00	0.00	90.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	SWA_FRF_D	4	0.0000	0.0000	0.0250	0.0247	0.75	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	SWA_FRF_M	6	0.0000	0.0000	0.0167	0.0153	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	SWA_FRF_S	8	0.0000	0.0000	0.0500	0.0266	3.13	2.59	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TAU_MPA_FRF_D	2	0.0833	0.0836	0.9250	0.7671	3.46	3.13	0.417	0.412	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.4976	0.1184	12.22	3.11	0.000	0.000	0.000	0.000	0.000	0.000	6.88	6.85
FSTE	TAU_OPEN_FRF_D	3	0.2381	0.2376	0.4482	0.1441	25.06	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.1843	0.1110	10.52	3.98	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TAU_OPEN_FRF_S	4	0.0833	0.0830	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1786	0.0568	18.13	11.89	0.750	0.932	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0500	0.0499	7.50	7.49	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0833	0.0834	0.0250	0.0145	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0528	0.0302	12.50	9.36	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.1143	0.0856	2.44	1.90	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	2.00	2.00	0.000	.	0.000	0.000	0.000	0.000	100.00	99.77
FSTE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.2667	0.2663	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.1000	0.0998	31.67	31.61	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0333	0.0112	8.71	4.51	0.000	0.000	0.000	0.000	0.000	0.000	12.50	12.51
FSTE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0400	0.0400	11.00	10.99	0.000	.	0.000	0.000	0.000	0.000	100.00	99.87
FSTE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.2000	0.1934	18.75	.	0.000	.	0.000	0.000	0.000	0.000	50.00	48.36
FSTE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0250	0.0253	3.75	5.48	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.1500	0.0783	1.42	0.86	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
FSTE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1075	0.1074	2.50	.	1.500	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.1000	0.0999	0.75	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
FSTE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
GAAS	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0196	0.0196	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GAAS	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	TAU_OPEN_FRF_M	9	0.0370	0.0370	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	0.50	0.45	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GAAS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0176	0.0177	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GAAS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GAAS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GAAS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
GEDW	OFU_FRF_D	9	0.3037	0.1792	2.4252	0.6273	13.36	.	0.244	.	0.916	0.913	0.000	0.000	0.00	0.00
GEDW	OFU_FRF_M	14	0.0833	0.0515	0.6497	0.2521	13.05	2.41	0.223	0.173	0.000	0.000	0.000	0.000	4.64	2.58
GEDW	OFU_FRF_S	8	0.0417	0.0413	0.0250	0.0248	2.81	2.92	7.500	.	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TAU_MPA_FRF_D	2	0.6667	0.3310	0.5000	0.1981	5.13	2.45	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.2189	0.0830	5.72	3.12	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.2519	0.1621	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	TAU_OPEN_FRF_M	9	0.0556	0.0392	0.2703	0.2023	11.74	4.94	0.000	0.000	0.000	0.000	0.000	0.000	2.06	2.06
GEDW	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.1250	0.1245	1.13	1.25	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0429	0.0428	6.43	6.42	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0181	0.0123	0.83	0.83	0.000	.	0.000	0.000	0.000	0.000	54.05	53.93
GEDW	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0250	0.0251	12.50	12.83	0.000	.	0.000	0.000	0.000	0.000	100.00	100.29
GEDW	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GEDW	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0235	0.0220	4.00	3.74	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GEDW	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GEDW	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species																						
GFAS	OFU_FRF_D	9	0.0370	0.0369		0.8556	0.1869		7.98	.		0.000	.		0.000	0.000		1.299	1.294		5.17	2.66
GFAS	OFU_FRF_M	14	0.0119	0.0119		0.8579	0.1689		7.35	1.80		0.038	0.069		0.000	0.000		0.000	0.000		2.08	1.16
GFAS	OFU_FRF_S	8	0.2917	0.1316		3.3068	1.0589		7.98	2.33		0.056	0.084		0.000	0.000		0.000	0.000		0.59	0.41
GFAS	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
GFAS	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
GFAS	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
GFAS	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	TAU_MPA_FRF_D	2	0.0000	0.0000		0.5500	0.1494		12.32	2.74		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TAU_MPA_FRF_MS	3	0.0556	0.0556		0.6120	0.1783		6.35	1.64		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TAU_OPEN_FRF_D	3	0.1111	0.1109		0.8963	0.4986		7.83	.		1.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TAU_OPEN_FRF_M	9	1.4852	1.4611		2.0123	1.2642		8.63	1.86		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TAU_OPEN_FRF_S	4	0.0833	0.0830		0.6250	0.3082		5.77	2.78		1.250	1.245		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.1198	0.0060		0.00	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.2250	0.1747		0.63	0.62		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.1667	0.1648		5.4000	0.6250		10.55	2.70		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0125	0.0126		1.25	1.61		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0500	0.0499		2.50	7.88		0.000	.		0.000	0.000		0.000	0.000		100.00	99.80
GFAS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0500	0.0387		0.50	0.54		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.5248	0.2175		2.06	1.60		0.000	0.000		0.000	0.000		0.000	0.000		6.22	6.21
GFAS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.4400	0.3227		0.41	0.41		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.2333	0.1451		0.33	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.1167	0.0927		5.83	3.71		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
GFAS	TUT_SE_OPEN_FRF_D	5	0.0583	0.0364		0.1000	0.0547		0.35	0.30		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SE_OPEN_FRF_M	12	0.2153	0.0714		0.4593	0.0990		8.57	2.05		0.235	0.207		0.000	0.000		0.000	0.000		7.90	4.62
GFAS	TUT_SE_OPEN_FRF_S	5	0.0667	0.0667		5.2300	3.7541		2.97	1.96		0.025	0.022		0.000	0.000		0.000	0.000		9.18	9.18
GFAS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.3333	0.3224		0.6737	0.2647		1.25	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.1667	0.1652		0.8750	0.4743		7.88	8.30		0.000	0.000		0.000	0.000		0.000	0.000		25.71	14.22
GFAS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		7.2500	2.2679		8.25	4.69		0.525	1.675		0.000	0.000		0.000	0.000		4.48	1.69
GFAS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0833	0.0754		0.2500	0.1357		7.46	4.09		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.1250	0.1258		0.4373	0.2207		7.65	3.83		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.8667	0.4980		3.8153	1.4500		8.49	4.07		0.013	0.010		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0538	0.0537		2.50	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.2500	0.0500		0.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
GFAS	TUT_SW_OPEN_FRF_S	3	0.0556	0.0556		0.6667	0.3523		7.47	3.82		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
GPEC	OFU_FRF_D	9	0.2407	0.1272	1.4482	0.5347	9.29	.	0.044	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	OFU_FRF_M	14	0.0714	0.0379	0.2170	0.0813	9.54	3.77	0.000	0.000	0.000	0.000	0.000	0.000	7.31	7.28
GPEC	OFU_FRF_S	8	0.0000	0.0000	0.0125	0.0126	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPEC	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPEC	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPEC	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TAU_MPA_FRF_D	2	0.4167	0.2478	0.8750	0.5196	6.63	5.15	0.000	0.000	0.000	0.000	0.000	0.000	5.71	5.66
GPEC	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.1121	0.0571	2.78	1.71	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TAU_OPEN_FRF_D	3	0.9048	0.0950	0.2074	0.1155	17.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TAU_OPEN_FRF_M	9	0.0556	0.0392	0.1586	0.0712	9.60	4.73	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1765	0.1759	18.33	18.28	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0750	0.0432	8.75	5.92	0.000	0.000	0.000	0.000	0.000	0.000	16.67	16.68
GPEC	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0524	0.0383	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0667	0.0666	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0333	0.0333	9.50	9.54	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0500	0.0500	1.25	1.34	0.000	.	0.000	0.000	0.000	0.000	50.00	50.00
GPEC	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0400	0.0292	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0181	0.0106	0.21	0.23	0.000	0.000	0.000	0.000	0.000	0.000	77.03	56.67
GPEC	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPEC	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0250	0.0251	12.50	12.83	0.000	.	0.000	0.000	0.000	0.000	100.00	100.29
GPEC	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPEC	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPEC	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPEC	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
GPLA	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPLA	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0176	0.0177	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GPLA	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GPLA	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GPLA	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																	
GRET	OFU_FRF_D	9	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	OFU_FRF_M	14	0.0000	0.0000		0.1750	0.0524	9.69	2.77	0.455	0.401	0.000	0.000	0.000	0.000	0.00	0.00
GRET	OFU_FRF_S	8	0.1250	0.0870		0.5952	0.1627	18.52	4.92	0.057	0.053	0.000	0.000	0.000	0.000	3.15	3.13
GRET	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0250	0.0251	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GRET	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.8675	0.8146	8.56	4.79	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GRET	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.2900	0.1375	8.99	3.51	0.025	0.039	0.000	0.000	0.000	0.000	1.92	1.92
GRET	TAU_OPEN_FRF_S	4	0.3333	0.2349		0.0875	0.0715	7.08	6.11	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GRET	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.1750	0.1237	15.42	4.04	0.000	0.000	0.000	0.000	0.000	0.000	85.71	84.77
GRET	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0167	0.0167	1.67	1.74	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
GRET	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0294	0.0130	2.29	1.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GRET	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.1600	0.1165	21.17	14.97	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
GRET	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.3250	0.1686	10.00	11.48	2.500	2.406	0.000	0.000	0.000	0.000	7.69	7.78
GRET	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
GRET	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
GRET	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0167	0.0167	3.33	3.41	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

		Juvenile			Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
HCOE	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	OFU_FRF_M	14	0.0238	0.0237	0.0607	0.0567	31.90	6.82	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HCOE	OFU_FRF_S	8	0.0000	0.0000	0.0750	0.0744	2.93	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HCOE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	SWA_FRF_D	4	0.0000	0.0000	0.1750	0.1419	41.65	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HCOE	SWA_FRF_M	6	0.0000	0.0000	0.0250	0.0175	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HCOE	SWA_FRF_S	8	0.0000	0.0000	0.0063	0.0063	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HCOE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	2.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HCOE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.
HCOE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	.	.	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
HEXE	OFU_FRF_D	9	0.0000	0.0000	0.0547	0.0381	0.28	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	OFU_FRF_M	14	0.0000	0.0000	0.0770	0.0407	2.36	1.40	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	OFU_FRF_S	8	0.0000	0.0000	0.0125	0.0124	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HEXE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HEXE	ROS_FRF_M	6	0.0000	0.0000	0.0167	0.0167	0.83	0.98	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HEXE	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0750	0.0251	0.00	0.00	20.000	20.203	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.1099	0.0554	0.83	0.64	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0741	0.0739	13.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TAU_OPEN_FRF_S	4	0.0833	0.0830	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0588	0.0586	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	3.00	3.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HEXE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0167	0.0167	3.33	3.40	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_SE_OPEN_FRF_D	5	0.0333	0.0333	0.0600	0.0599	0.33	0.33	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0515	0.0233	1.70	0.77	1.250	0.720	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0833	0.0836	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0500	0.0506	7.50	9.13	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HEXE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0536	0.0539	2.71	3.21	0.000	.	0.000	0.000	0.000	0.000	66.67	67.11
HEXE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HEXE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HEXE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HEXE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
HMIC	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	OFU_FRF_M	14	0.0000	0.0000	0.0071	0.0071	5.00	4.98	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	OFU_FRF_S	8	0.0000	0.0000	0.0063	0.0063	1.25	1.38	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0175	0.0175	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	3.33	3.35	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TAU_OPEN_FRF_S	4	0.0833	0.0830	0.0625	0.0374	0.75	0.75	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.2000	0.1997	0.63	0.62	1.300	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.1153	0.0649	3.83	3.47	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0500	0.0249	8.75	14.42	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	2.00	2.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0429	0.0428	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	33.33	33.26
HMIC	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.1300	0.0733	0.65	0.65	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0500	0.0500	1.25	1.34	0.000	.	0.000	0.000	50.000	49.999	0.00	0.00
HMIC	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0306	0.0163	1.77	1.68	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0800	0.0799	1.50	1.50	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0500	0.0496	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HMIC	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.1000	0.0934	1.60	1.49	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HMIC	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HMIC	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0667	0.0333	22.50	18.85	10.000	8.209	0.000	0.000	0.000	0.000	100.00	49.91

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
HRIG	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	ROS_FRF_M	6	0.0000	0.0000	0.0167	0.0167	0.42	0.56	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HRIG	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
HRIG	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
HRIG	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0600	0.0560	2.00	1.87	0.000	.	0.000	0.000	0.000	0.000	66.67	62.25
HRIG	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
HRIG	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
LBEW	OFU_FRF_D	9	0.0000	0.0000	0.0222	0.0221	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	OFU_FRF_M	14	0.0000	0.0000	0.0107	0.0107	0.71	0.75	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0500	0.0495	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0167	0.0167	0.83	0.96	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0246	0.0176	1.85	1.30	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.2875	0.1889	8.70	5.16	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.1500	0.1498	10.63	10.69	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0625	0.0472	2.31	1.69	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0528	0.0302	10.00	6.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_NE_OPEN_FRF_M	7	0.1905	0.1901	0.0714	0.0713	0.29	0.29	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.1000	0.0998	20.00	19.97	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	1.25	1.13	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LBEW	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LBEW	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LBEW	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
LINC	OFU_FRF_D	9	0.0370	0.0369	0.0333	0.0332	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	OFU_FRF_M	14	0.0238	0.0237	0.0298	0.0167	0.54	0.41	0.000	0.000	0.000	0.000	0.000	0.000	48.00	32.45
LINC	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LINC	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	ROS_FRF_D	2	0.0000	0.0000	0.3125	0.3079	5.83	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	ROS_FRF_M	6	0.0000	0.0000	0.1461	0.1147	1.67	1.66	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LINC	ROS_FRF_S	3	0.0000	0.0000	0.0167	0.0168	3.33	3.73	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	ROS_LAG_D	4	0.0417	0.0428	0.0875	0.0898	1.52	4.19	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	ROS_LAG_M	3	0.0000	0.0000	0.0167	0.0169	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	SWA_FRF_D	4	0.0833	0.0823	1.0250	0.6382	7.02	.	0.000	.	0.000	0.000	0.000	0.000	17.07	13.84
LINC	SWA_FRF_M	6	0.0278	0.0280	0.1413	0.0511	6.53	4.79	0.000	0.000	0.000	0.000	0.000	0.000	29.23	16.82
LINC	SWA_FRF_S	8	0.0000	0.0000	0.0563	0.0174	5.63	2.88	0.000	0.000	0.000	0.000	0.000	0.000	22.22	22.03
LINC	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0370	0.0370	6.67	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0300	0.0300	5.00	5.03	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0714	0.0474	2.21	1.46	0.000	0.000	0.000	0.000	0.000	0.000	10.00	10.01
LINC	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LINC	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.3000	0.2995	3.33	3.33	0.000	.	0.000	0.000	11.111	11.092	11.11	11.09
LINC	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0500	0.0417	0.67	0.48	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LINC	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0500	0.0484	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	1.25	1.13	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LINC	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LINC	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LINC	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LINC	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
LMYC	OFU_FRF_D	9	0.0000	0.0000	0.0473	0.0348	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LMYC	OFU_FRF_M	14	0.0000	0.0000	0.0337	0.0229	0.29	0.33	0.000	0.000	0.000	0.000	0.000	0.000	47.06	46.84
LMYC	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	ROS_FRF_D	2	0.0000	0.0000	0.1500	0.1478	0.83	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LMYC	ROS_FRF_M	6	0.0000	0.0000	0.2023	0.1054	10.12	5.06	0.000	0.000	0.000	0.000	0.000	0.000	24.72	24.55
LMYC	ROS_FRF_S	3	0.0000	0.0000	0.0167	0.0168	8.33	8.62	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LMYC	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	3.75	3.39	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LMYC	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LMYC	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LMYC	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species																						
LPHY	OFU_FRF_D	9	0.1630	0.0927		0.2176	0.0557		2.69	.		0.000	.		0.000	0.000		0.000	0.000		8.17	8.14
LPHY	OFU_FRF_M	14	0.1667	0.0577		0.3329	0.0996		7.48	2.40		0.000	0.000		0.000	0.000		0.000	0.000		13.35	7.07
LPHY	OFU_FRF_S	8	0.1875	0.0853		1.1437	0.2029		12.03	3.56		0.000	0.000		0.000	0.000		0.000	0.000		15.96	4.78
LPHY	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LPHY	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LPHY	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LPHY	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TAU_MPA_FRF_D	2	0.0000	0.0000		0.1000	0.0990		1.88	2.43		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TAU_MPA_FRF_MS	3	0.2222	0.1465		0.6362	0.3507		8.54	2.75		0.000	0.000		0.000	0.000		0.000	0.000		7.86	7.86
LPHY	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.1741	0.0375		7.50	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TAU_OPEN_FRF_M	9	0.0815	0.0541		0.3435	0.1032		10.47	3.96		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.3875	0.1845		4.12	1.92		0.000	0.000		0.000	0.000		0.000	0.000		12.90	12.85
LPHY	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0250	0.0250		0.50	0.68		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0500	0.0499		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0250	0.0247		2.50	2.47		0.000	.		0.000	0.000		0.000	0.000		100.00	98.87
LPHY	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0500	0.0499		1.25	5.57		0.000	.		0.000	0.000		0.000	0.000		100.00	99.80
LPHY	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0143	0.0143		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.1200	0.0737		0.00	0.00		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LPHY	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0100	0.0100		6.00	6.02		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_SE_OPEN_FRF_M	12	0.0208	0.0208		0.0529	0.0207		1.46	0.90		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_SE_OPEN_FRF_S	5	0.0333	0.0333		0.1900	0.0678		8.60	5.49		0.000	0.000		0.000	0.000		0.000	0.000		21.05	21.02
LPHY	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0500	0.0484		7.50	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.1000	0.0077		8.75	9.15		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.4250	0.2647		13.71	5.73		0.000	0.000		0.000	0.000		0.000	0.000		11.76	11.91
LPHY	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LPHY	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0179	0.0180		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0635	0.0244		9.70	6.87		0.000	0.000		0.000	0.000		0.000	0.000		15.74	16.16
LPHY	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LPHY	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.1000	0.0000		1.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LPHY	TUT SW OPEN FRF S	3	0.0000	0.0000		0.2167	0.1299		4.79	2.94		0.000	0.000		0.000	0.000		0.000	0.000		38.46	38.40

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
LPRU	OFU_FRF_D	9	0.0000	0.0000	0.1477	0.0378	2.19	.	0.000	.	0.000	0.000	7.523	7.495	0.00	0.00
LPRU	OFU_FRF_M	14	0.0000	0.0000	0.0909	0.0426	2.33	1.19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	OFU_FRF_S	8	0.0000	0.0000	0.0188	0.0188	0.52	0.66	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPRU	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPRU	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPRU	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TAU_MPA_FRF_D	2	0.0000	0.0000	0.2500	0.1494	4.33	2.32	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.2441	0.2431	3.35	3.47	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.1778	0.0967	10.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0464	0.0248	1.67	1.18	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0375	0.0374	2.19	2.30	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0250	0.0251	5.00	5.57	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0125	0.0125	0.25	0.32	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0125	0.0126	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0286	0.0184	1.43	0.95	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0167	0.0167	0.50	0.58	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.1000	0.0967	1.25	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0500	0.0452	0.38	0.34	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0625	0.0243	5.13	3.29	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPRU	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPRU	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPRU	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPRU	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0333	3.33	3.33	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
LPUR	OFU_FRF_D	9	0.2741	0.1393	0.7980	0.1935	12.74	.	0.000	.	0.000	0.000	0.000	0.000	1.47	1.46
LPUR	OFU_FRF_M	14	0.0714	0.0379	0.3325	0.0839	14.20	5.09	0.000	0.000	0.000	0.000	0.000	0.000	21.96	10.63
LPUR	OFU_FRF_S	8	0.0417	0.0413	0.1148	0.0405	20.94	9.57	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	ROS_BRF_M	2	1.1667	1.1628	0.1000	0.0997	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	ROS_BRF_S	7	0.1667	0.1627	0.0429	0.0429	0.13	0.37	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPUR	ROS_FRF_M	6	0.0000	0.0000	0.0261	0.0174	1.25	0.93	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	ROS_LAG_M	3	0.1111	0.1074	0.0333	0.0322	15.00	14.50	20.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPUR	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	TAU_MPA_FRF_D	2	0.9167	0.4126	0.3750	0.0743	16.71	10.59	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TAU_MPA_FRF_MS	3	0.3333	0.1668	0.6930	0.3168	22.63	6.47	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TAU_OPEN_FRF_D	3	2.1349	1.9665	0.7444	0.3564	23.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TAU_OPEN_FRF_M	9	0.0926	0.0563	0.3586	0.0870	13.94	3.78	0.000	0.000	0.000	0.000	0.000	0.000	7.41	4.03
LPUR	TAU_OPEN_FRF_S	4	0.0833	0.0835	0.5000	0.1414	12.02	3.66	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_NE_MPA_AUNUUA_FRF_D	2	0.1667	0.1661	0.7864	0.6234	18.13	2.62	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.7500	0.4493	26.50	2.11	0.000	0.000	0.000	0.000	0.000	0.000	10.00	3.34
LPUR	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	TUT_NE_MPA_AUNUUB_FRF_D	4	0.4583	0.2989	0.3625	0.0897	15.34	4.77	0.000	0.000	0.000	0.000	0.000	0.000	6.90	6.88
LPUR	TUT_NE_MPA_AUNUUB_FRF_M	4	0.3750	0.3183	1.0389	0.2160	17.19	5.90	0.238	0.515	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.3267	0.2540	0.28	0.18	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_NE_OPEN_FRF_M	7	0.0952	0.0614	0.3935	0.1824	6.93	4.24	0.000	0.000	0.000	0.000	0.000	0.000	1.82	1.82
LPUR	TUT_NE_OPEN_FRF_S	5	0.4000	0.3991	0.5600	0.3523	12.05	5.18	0.083	0.108	0.000	0.000	0.000	0.000	17.86	17.82
LPUR	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.3000	0.1525	24.17	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.3000	0.1730	20.34	14.47	0.000	0.000	0.000	0.000	0.000	0.000	11.11	11.09
LPUR	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.1000	0.0999	7.08	7.15	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_SE_OPEN_FRF_D	5	0.0333	0.0333	0.0400	0.0244	15.00	9.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_SE_OPEN_FRF_M	12	0.1076	0.0472	0.1992	0.0595	7.91	2.72	0.000	0.000	0.000	0.000	0.000	0.000	20.41	12.20
LPUR	TUT_SE_OPEN_FRF_S	5	0.0333	0.0333	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	TUT_SW_MPA_FAGALUA_FRF_D	2	0.1667	0.1612	0.4079	0.0891	4.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_SW_MPA_FAGALUA_FRF_M	2	0.2500	0.2507	0.3000	0.1982	43.00	41.71	1.250	1.729	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.4958	0.1624	15.52	8.97	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
LPUR	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0800	0.0747	4.25	3.97	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
LPUR	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	1.4194	0.0859	8.31	.	0.000	.	0.000	0.000	0.000	0.000	3.91	3.91
LPUR	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
LPUR	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species																						
LTRA	OFU_FRF_D	9	0.0370	0.0369		0.3057	0.1488		8.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	OFU_FRF_M	14	0.0119	0.0119		0.1337	0.0597		1.49	0.97		0.275	0.207		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	OFU_FRF_S	8	0.0000	0.0000		0.1197	0.0844		6.33	4.28		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	ROS_BRF_M	2	0.0000	0.0000		0.1050	0.0049		37.50	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	ROS_FRF_D	2	0.0000	0.0000		0.0500	0.0493		5.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	ROS_FRF_M	6	0.0000	0.0000		0.0167	0.0166		6.67	6.62		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	ROS_LAG_D	4	0.0000	0.0000		0.0125	0.0128		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	ROS_LAG_M	3	0.0000	0.0000		0.0500	0.0284		8.33	5.65		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LTRA	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	TAU_MPA_FRF_D	2	0.1667	0.1649		0.1500	0.1485		2.50	2.47		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TAU_MPA_FRF_MS	3	0.1111	0.0558		0.1295	0.0694		5.83	5.93		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TAU_OPEN_FRF_D	3	0.2381	0.2376		0.2519	0.1621		9.83	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0730	0.0263		6.19	2.92		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TAU_OPEN_FRF_S	4	0.0833	0.0830		0.1000	0.0407		16.25	11.53		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.3996	0.1881		4.92	1.39		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_MPA_AUNUUA_FRF_M	2	0.1667	0.1664		0.2500	0.2496		11.00	10.98		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0125	0.0125		3.13	3.19		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_MPA_AUNUUB_FRF_M	4	0.1458	0.0849		0.1778	0.0462		8.54	2.96		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	TUT_NE_OPEN_FRF_D	5	0.0667	0.0667		0.1100	0.0978		1.13	1.02		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.1262	0.0973		0.97	0.68		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NE_OPEN_FRF_S	5	0.0667	0.0665		0.0900	0.0399		10.30	5.76		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.5333	0.1853		24.07	.		0.083	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0833	0.0440		0.83	0.91		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_NW_OPEN_FRF_S	2	0.1667	0.1667		0.1250	0.0252		5.00	0.95		0.000	0.000		0.000	0.000		0.000	0.000		40.00	1.74
LTRA	TUT_SE_OPEN_FRF_D	5	0.0667	0.0667		0.0200	0.0200		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SE_OPEN_FRF_M	12	0.0139	0.0139		0.1088	0.0633		6.03	2.79		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0100	0.0100		3.00	3.02		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.1026	0.0026		1.50	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0250	0.0251		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0500	0.0481		30.00	28.87		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.2250	0.1448		2.64	1.84		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
LTRA	TUT_SW_OPEN_FRF_D	2	0.5000	0.4995		0.9839	0.0161		8.06	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
LTRA	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
LTRA	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0833	0.0600		5.00	3.83		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
MAMP	OFU_FRF_D	9	0.0000	0.0000	0.0170	0.0169	1.11	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MAMP	OFU_FRF_M	14	0.0000	0.0000	0.0421	0.0255	1.67	0.95	0.000	0.000	0.000	0.000	0.000	0.000	11.32	11.34
MAMP	OFU_FRF_S	8	0.0000	0.0000	0.0250	0.0162	1.88	1.30	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MAMP	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.000	0.000	.	.	.	.	.	.
MAMP	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0500	0.0495	5.00	5.57	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MAMP	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0083	0.0083	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MAMP	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MAMP	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MAMP	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
MCAL	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	OFU_FRF_M	14	0.0000	0.0000	0.0691	0.0491	0.79	0.78	0.500	0.297	0.000	0.000	0.000	0.000	10.34	10.30
MCAL	OFU_FRF_S	8	0.0000	0.0000	0.0572	0.0401	1.52	1.12	0.250	0.124	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	ROS_BRF_M	2	0.0000	0.0000	0.0500	0.0498	15.00	.	0.000	.	0.000	0.000	0.000	0.000	100.00	99.66
MCAL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	ROS_FRF_M	6	0.0000	0.0000	0.0083	0.0084	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0529	0.0290	12.50	12.54	2.500	2.142	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0913	0.0421	10.82	5.26	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0500	0.0288	3.75	2.38	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.1250	0.0255	3.75	3.84	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0875	0.0314	8.44	5.28	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0500	0.0494	1.25	1.24	1.500	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0600	0.0599	4.00	3.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0857	0.0703	1.43	1.43	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0250	0.0250	5.00	5.08	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_SE_OPEN_FRF_M	12	0.0139	0.0139	0.0458	0.0415	0.42	0.44	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MCAL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0400	0.0374	11.00	10.27	2.500	.	0.000	0.000	0.000	0.000	0.00	0.00
MCAL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MCAL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species																						
MCUR	OFU_FRF_D	9	0.4963	0.2500		1.2739	0.2252		11.40	.		0.000	.		0.000	0.000		0.872	0.869		5.06	2.81
MCUR	OFU_FRF_M	14	0.1548	0.0749		0.7417	0.1891		13.69	3.05		1.198	1.063		0.000	0.000		0.000	0.000		10.06	4.45
MCUR	OFU_FRF_S	8	0.1042	0.0702		0.6160	0.2224		19.56	8.10		0.000	0.000		0.000	0.000		0.000	0.000		5.07	4.01
MCUR	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
MCUR	ROS_BRF_S	7	0.0000	0.0000		0.0286	0.0146		5.00	4.49		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	ROS_FRF_D	2	0.8333	0.4926		1.8792	0.4146		11.57	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	ROS_FRF_M	6	0.2778	0.1329		1.9204	0.6455		17.17	4.91		0.079	0.112		0.434	0.435		4.339	4.310		0.00	0.00
MCUR	ROS_FRF_S	3	0.0000	0.0000		1.6333	0.8597		12.22	2.36		0.000	0.000		0.000	0.000		0.000	0.000		1.02	1.03
MCUR	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
MCUR	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
MCUR	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
MCUR	SWA_FRF_D	4	0.0000	0.0000		0.0750	0.0741		4.17	.		0.000	.		0.000	0.000		0.000	0.000		33.33	32.93
MCUR	SWA_FRF_M	6	0.0000	0.0000		0.0083	0.0084		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	SWA_FRF_S	8	0.0000	0.0000		0.0063	0.0063		0.31	0.44		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TAU_MPA_FRF_D	2	0.5000	0.4948		0.8250	0.0743		8.12	5.49		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TAU_MPA_FRF_MS	3	0.1111	0.0558		1.1711	0.1654		12.35	3.60		0.008	0.050		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TAU_OPEN_FRF_D	3	0.3492	0.2059		1.0222	0.4317		13.27	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TAU_OPEN_FRF_M	9	0.2259	0.1305		0.6599	0.1664		16.55	1.76		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TAU_OPEN_FRF_S	4	0.6250	0.3736		0.8625	0.2601		16.37	4.79		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.7182	0.2471		4.71	3.67		0.000	0.000		0.000	0.000		0.000	0.000		14.69	14.65
MCUR	TUT_NE_MPA_AUNUUA_FRF_M	2	0.3333	0.3328		2.0250	1.7721		13.87	1.63		1.250	1.351		0.000	0.000		0.000	0.000		46.91	41.91
MCUR	TUT_NE_MPA_AUNUUA_FRF_S	2	0.1667	0.1648		0.2250	0.1731		10.63	8.15		0.000	0.000		0.000	0.000		0.000	0.000		100.00	76.94
MCUR	TUT_NE_MPA_AUNUUB_FRF_D	4	0.2917	0.1722		0.7750	0.3351		33.37	8.79		0.081	0.122		0.000	0.000		0.000	0.000		1.61	1.61
MCUR	TUT_NE_MPA_AUNUUB_FRF_M	4	0.4583	0.2060		2.5139	0.5803		13.00	1.97		0.000	0.000		0.000	0.000		0.497	0.501		11.44	10.66
MCUR	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
MCUR	TUT_NE_OPEN_FRF_D	5	0.0667	0.0667		0.2167	0.1136		8.83	4.60		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TUT_NE_OPEN_FRF_M	7	0.1905	0.1901		0.7840	0.2681		12.93	3.27		0.417	0.385		1.822	1.818		0.000	0.000		10.54	5.45
MCUR	TUT_NE_OPEN_FRF_S	5	0.0500	0.0499		0.7800	0.3193		8.63	3.44		0.000	0.000		0.000	0.000		0.000	0.000		69.23	31.75
MCUR	TUT_NW_OPEN_FRF_D	3	0.1111	0.1110		0.1667	0.1200		7.92	.		10.000	.		0.000	0.000		0.000	0.000		20.00	19.97
MCUR	TUT_NW_OPEN_FRF_M	3	0.0556	0.0556		0.4167	0.2312		24.15	22.60		0.000	0.000		0.000	0.000		0.000	0.000		16.00	15.98
MCUR	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
MCUR	TUT_SE_OPEN_FRF_D	5	0.5750	0.3162		0.2500	0.1047		15.17	8.37		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TUT_SE_OPEN_FRF_M	12	0.2500	0.0993		0.9598	0.4930		13.92	3.75		0.010	0.006		1.021	1.019		2.043	2.038		48.75	32.04
MCUR	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.1100	0.0714		6.92	4.68		0.000	0.000		0.000	0.000		0.000	0.000		18.18	18.19
MCUR	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		3.4421	1.7002		13.82	.		1.875	.		0.000	0.000		0.000	0.000		42.20	37.86
MCUR	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		1.3000	0.8919		17.80	15.37		0.313	0.683		0.000	0.000		0.000	0.000		21.15	1.93
MCUR	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.3250	0.0759		17.88	12.22		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0417	0.0439		0.8000	0.2074		5.70	4.81		13.750	11.696		0.000	0.000		0.000	0.000		3.13	2.83
MCUR	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0429	0.0259		3.75	3.19		0.000	0.000		0.000	0.000		0.000	0.000		29.17	29.36
MCUR	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0400	0.0374		5.00	4.67		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		1.7007	0.4100		5.45	.		0.000	.		0.000	0.000		0.000	0.000		19.49	13.16
MCUR	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.1000	0.0000		30.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
MCUR	TUT_SW_OPEN_FRF_S	3	0.1111	0.1109		0.0667	0.0666		0.50	0.50		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00

Table A11 (cont'd)

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
MINC	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	OFU_FRF_M	14	0.0000	0.0000	0.0214	0.0213	1.19	1.19	3.750	.	0.000	0.000	0.000	0.000	0.00	0.00
MINC	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	SWA_FRF_M	6	0.0000	0.0000	0.0980	0.0897	1.67	1.53	0.200	.	0.000	0.000	0.000	0.000	0.00	0.00
MINC	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0175	0.0175	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MINC	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	0.50	0.45	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MINC	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MINC	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MINC	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
MSCA	OFU_FRF_D	9	0.0000	0.0000	0.0247	0.0246	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MSCA	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	ROS_FRF_D	2	0.0000	0.0000	0.0500	0.0493	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MSCA	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SE_OPEN_FRF_M	12	0.0729	0.0730	0.0917	0.0917	0.34	0.36	0.200	.	0.000	0.000	0.000	0.000	0.00	0.00
MSCA	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MSCA	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MSCA	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
MVAL	OFU_FRF_D	9	0.0000	0.0000	0.1145	0.0527	16.11	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	OFU_FRF_M	14	0.0238	0.0237	0.1333	0.0570	4.77	2.55	0.550	0.387	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	OFU_FRF_S	8	0.0000	0.0000	0.0063	0.0063	3.13	3.22	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.000	0.000	.	.	.	.	.	.
MVAL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.1750	0.1238	20.83	5.46	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0610	0.0608	5.00	5.10	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0967	0.0529	10.97	4.57	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0125	0.0125	10.63	10.65	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0625	0.0469	2.50	2.47	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	4.00	4.03	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
MVAL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
MVAL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
MVAL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species																						
PCHI	OFU_FRF_D	9	0.0741	0.0488		0.3886	0.1214		4.22	.		0.200	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	OFU_FRF_M	14	0.0238	0.0237		0.2317	0.0692		3.94	1.59		0.000	0.000		0.000	0.000		0.000	0.000		3.08	3.07
PCHI	OFU_FRF_S	8	0.0000	0.0000		0.0942	0.0290		5.73	2.70		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PCHI	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	ROS_FRF_D	2	0.0000	0.0000		0.1500	0.1478		0.83	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	ROS_FRF_M	6	0.0000	0.0000		0.0261	0.0174		2.50	1.84		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	ROS_LAG_D	4	0.0000	0.0000		0.0463	0.0475		0.94	3.28		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	SWA_FRF_D	4	0.0000	0.0000		0.0500	0.0494		7.50	.		0.000	.		0.000	0.000		0.000	0.000		100.00	98.80
PCHI	SWA_FRF_M	6	0.0000	0.0000		0.0083	0.0084		0.42	1.16		5.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	TAU_MPA_FRF_D	2	0.0833	0.0836		0.1750	0.0771		28.25	21.62		0.000	0.000		0.000	0.000		14.286	14.334		0.00	0.00
PCHI	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.1971	0.0475		20.97	10.64		1.467	1.593		0.000	0.000		8.457	8.457		0.00	0.00
PCHI	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.1852	0.1848		2.00	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.1415	0.0884		8.97	4.35		0.000	0.000		0.000	0.000		9.238	9.217		7.85	7.83
PCHI	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0625	0.0471		2.50	2.61		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NE_MPA_AUNUUA_FRF_D	2	0.3333	0.3323		2.1177	2.1110		3.40	3.39		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0500	0.0495		10.00	9.89		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0500	0.0289		0.31	0.38		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0500	0.0289		12.63	9.46		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.1619	0.1314		2.25	2.24		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.2400	0.1027		9.75	4.70		0.000	0.000		0.000	0.000		8.333	8.314		0.00	0.00
PCHI	TUT_NW_OPEN_FRF_D	3	0.1111	0.1110		0.1000	0.0999		0.33	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NW_OPEN_FRF_M	3	0.4444	0.4437		0.2667	0.1331		13.33	9.83		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	TUT_SE_OPEN_FRF_D	5	0.1000	0.0998		0.0200	0.0200		1.00	1.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SE_OPEN_FRF_M	12	0.0278	0.0278		0.2057	0.0738		6.50	2.26		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SE_OPEN_FRF_S	5	0.0333	0.0333		0.1100	0.0747		4.50	3.93		0.000	0.000		0.000	0.000		9.091	9.094		0.00	0.00
PCHI	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.2500	0.2418		1.50	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.2000	0.1982		6.25	6.19		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0500	0.0506		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.2000	0.0977		0.50	0.45		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.1605	0.0458		3.33	2.18		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PCHI	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.3262	0.1039		0.63	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PCHI	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.2500	0.2497		2.60	.		0.000	.		0.000	0.000		0.000	0.000		20.00	19.98
PCHI	TUT SW_OPEN FRF S	3	0.0000	0.0000		0.1500	0.0291		16.94	10.33		0.000	0.000		0.000	0.000		0.000	0.000		0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PCYL	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0250	0.0250	1.25	1.35	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PCYL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0357	0.0358	1.14	1.18	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PCYL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NW_OPEN_FRF_D	3	0.1111	0.1110	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_NW_OPEN_FRF_S	2	0.0833	0.0833	1.6500	1.6473	9.57	9.63	0.150	.	0.000	0.000	0.000	0.000	0.00	0.00
PCYL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PCYL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PCYL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PDAM	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	OFU_FRF_M	14	0.0000	0.0000	0.0036	0.0036	1.79	1.81	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	ROS_BRF_M	2	0.0000	0.0000	0.1500	0.1495	12.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	ROS_BRF_S	7	0.0238	0.0239	0.0214	0.0215	0.12	0.35	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	ROS_FRF_S	3	0.0000	0.0000	0.0333	0.0330	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	ROS_LAG_D	4	0.1250	0.0679	0.9088	0.2398	14.20	11.35	0.119	1.162	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	ROS_LAG_M	3	0.5556	0.2176	0.6667	0.4513	18.53	10.12	0.100	0.097	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	SWA_FRF_M	6	0.0000	0.0000	0.0196	0.0180	0.83	0.76	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	SWA_FRF_S	8	0.0417	0.0413	0.2151	0.1239	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	57.26	40.24
PDAM	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	0.83	0.86	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.5750	0.3008	12.92	16.86	0.000	0.000	0.000	0.000	0.000	0.000	56.52	41.01
PDAM	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_OPEN_FRF_M	7	0.0476	0.0477	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.1000	0.0999	5.00	5.08	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAM	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SE_OPEN_FRF_M	12	0.0104	0.0104	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAM	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAM	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PDAN	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	ROS_BRF_M	2	0.0000	0.0000	0.0550	0.0548	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAN	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	SWA_FRF_S	8	0.0000	0.0000	0.0063	0.0063	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDAN	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDAN	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDAN	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PDIF	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	SWA_FRF_D	4	0.0000	0.0000	0.0250	0.0247	20.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDIF	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDIF	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDIF	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDIF	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PDUE	OFU_FRF_D	9	0.0000	0.0000	0.0995	0.0799	3.70	.	1.250	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	OFU_FRF_M	14	0.0000	0.0000	0.0500	0.0291	3.84	2.18	0.000	0.000	0.000	0.000	0.000	0.000	7.14	7.16
PDUE	OFU_FRF_S	8	0.0000	0.0000	0.0063	0.0063	0.63	0.76	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDUE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	ROS_FRF_D	2	0.0000	0.0000	0.3583	0.0575	27.67	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	ROS_FRF_M	6	0.0000	0.0000	0.1314	0.0549	12.74	5.40	0.000	0.000	0.000	0.000	7.210	7.234	6.34	6.37
PDUE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	SWA_FRF_D	4	0.0000	0.0000	0.0750	0.0473	16.25	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	SWA_FRF_M	6	0.0000	0.0000	0.0533	0.0422	6.67	5.63	0.000	0.000	0.000	0.000	0.000	0.000	67.18	63.31
PDUE	SWA_FRF_S	8	0.0000	0.0000	0.0813	0.0324	14.22	7.82	1.563	0.755	23.077	16.096	0.000	0.000	38.46	19.80
PDUE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0750	0.0743	1.88	2.43	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDUE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0333	0.0236	1.60	1.62	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.1000	0.0989	6.25	6.18	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDUE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	9.70	9.70	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0208	0.0130	3.54	2.25	1.000	0.510	0.000	0.000	0.000	0.000	20.00	20.01
PDUE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.1026	0.0026	7.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PDUE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0714	0.0719	1.97	2.48	0.000	.	0.000	0.000	0.000	0.000	50.00	50.33
PDUE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0667	0.0623	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PDUE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0538	0.0537	2.50	.	1.000	.	100.000	99.906	0.000	0.000	0.00	0.00
PDUE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PDUE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
PEYD	OFU_FRF_D	9	0.0000	0.0000	0.1398	0.0523	0.56	.	1.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	OFU_FRF_M	14	0.0000	0.0000	0.2348	0.0485	14.25	5.28	1.438	0.913	0.000	0.000	0.000	0.000	3.17	3.17
PEYD	OFU_FRF_S	8	0.0000	0.0000	0.4394	0.1302	8.41	3.83	0.443	0.324	0.000	0.000	0.000	0.000	2.84	2.82
PEYD	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PEYD	ROS_BRF_S	7	0.0000	0.0000	0.0286	0.0216	0.48	0.79	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	ROS_FRF_D	2	0.0000	0.0000	0.0500	0.0493	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	ROS_FRF_M	6	0.0000	0.0000	0.2564	0.1410	1.42	0.99	1.250	1.138	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	ROS_FRF_S	3	0.0000	0.0000	0.1333	0.0662	17.17	11.91	1.675	1.711	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PEYD	SWA_FRF_M	6	0.0000	0.0000	0.2492	0.1218	2.76	2.63	0.000	0.000	0.000	0.000	0.000	0.000	39.15	21.93
PEYD	SWA_FRF_S	8	0.0000	0.0000	1.0544	0.3353	3.14	1.15	0.000	0.000	0.000	0.000	1.185	1.175	7.31	4.73
PEYD	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0540	0.0050	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.1074	0.0641	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0539	0.0267	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0250	0.0249	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.2786	0.0433	17.50	17.58	1.663	1.849	19.915	19.853	0.000	0.000	0.00	0.00
PEYD	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.3750	0.0750	2.08	2.18	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.3500	0.0495	23.52	13.26	0.200	0.574	0.000	0.000	0.000	0.000	7.14	7.17
PEYD	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0250	0.0250	3.13	3.19	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.1403	0.0543	5.00	5.29	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.2250	0.1296	2.63	7.98	1.250	5.568	0.000	0.000	0.000	0.000	11.11	11.09
PEYD	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0735	0.0289	1.07	1.07	0.125	0.094	0.000	0.000	0.000	0.000	22.22	22.18
PEYD	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.2500	0.0835	1.58	1.36	0.325	0.290	0.000	0.000	0.000	0.000	24.00	15.96
PEYD	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.1000	0.0577	15.83	.	5.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0500	0.0500	1.94	2.02	1.700	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0500	0.0500	15.00	15.04	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0375	0.0175	3.33	2.25	0.000	0.000	0.000	0.000	0.000	0.000	11.11	11.12
PEYD	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0900	0.0780	2.00	2.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PEYD	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.2250	0.1735	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.4250	0.3206	9.29	10.82	0.125	0.792	0.000	0.000	0.000	0.000	23.53	23.81
PEYD	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PEYD	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0653	0.0647	1.58	2.10	0.000	.	0.000	0.000	0.000	0.000	26.95	27.13
PEYD	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.1235	0.0386	3.25	2.83	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1111	0.1110	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.1500	0.1498	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PEYD	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0500	0.0499	0.25	0.33	1.500	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PHAI	OFU_FRF_D	9	0.4074	0.1817	0.2815	0.0766	1.78	.	0.000	.	0.000	0.000	3.947	3.933	0.00	0.00
PHAI	OFU_FRF_M	14	0.3095	0.1216	0.2615	0.0634	4.73	1.76	0.000	0.000	0.000	0.000	0.000	0.000	8.80	6.43
PHAI	OFU_FRF_S	8	0.0833	0.0541	0.0819	0.0351	4.16	2.53	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_BRF_M	2	0.0000	0.0000	0.0500	0.0498	7.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHAI	ROS_FRF_D	2	0.0000	0.0000	0.3125	0.3079	6.67	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_FRF_M	6	0.0000	0.0000	0.1005	0.0592	7.78	4.96	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_FRF_S	3	0.0000	0.0000	0.1000	0.0000	5.83	4.68	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_LAG_D	4	0.0417	0.0428	0.0875	0.0389	8.13	6.64	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_LAG_M	3	0.0000	0.0000	0.0667	0.0645	18.33	17.73	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHAI	SWA_FRF_D	4	0.0000	0.0000	0.0500	0.0494	0.63	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	SWA_FRF_M	6	0.0000	0.0000	0.0167	0.0168	0.63	1.45	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	SWA_FRF_S	8	0.0000	0.0000	0.0500	0.0268	4.06	3.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TAU_MPA_FRF_D	2	0.7500	0.7434	0.3250	0.0753	18.75	16.56	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TAU_MPA_FRF_MS	3	0.3889	0.2418	0.1903	0.0799	11.02	6.17	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TAU_OPEN_FRF_D	3	0.3333	0.3326	0.1407	0.0705	1.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TAU_OPEN_FRF_M	9	0.0926	0.0490	0.1008	0.0321	2.52	1.03	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TAU_OPEN_FRF_S	4	0.0417	0.0417	0.0125	0.0125	7.50	7.57	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_MPA_AUNUUA_FRF_D	2	0.3333	0.3323	1.0128	0.7495	3.04	2.32	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0833	0.0834	0.1000	0.0999	1.67	1.77	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0250	0.0251	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_MPA_AUNUUB_FRF_D	4	0.2083	0.1574	0.0875	0.0427	8.75	5.96	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_MPA_AUNUUB_FRF_M	4	0.1875	0.1854	0.4667	0.1256	6.77	3.87	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHAI	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0900	0.0599	2.83	2.27	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0429	0.0229	1.64	1.33	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0800	0.0489	4.00	2.44	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.4000	0.0999	2.67	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.1833	0.1165	17.50	10.13	8.750	7.132	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.2250	0.0268	4.24	0.89	0.500	0.586	0.000	0.000	11.111	11.111	11.11	11.11
PHAI	TUT_SE_OPEN_FRF_D	5	0.0667	0.0667	0.0400	0.0187	1.50	1.06	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SE_OPEN_FRF_M	12	0.0486	0.0261	0.1880	0.0440	5.79	1.62	2.000	1.838	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0300	0.0200	6.00	5.99	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_MPA_FAGALUA_FRF_D	2	0.5000	0.4836	0.2026	0.0942	8.83	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_MPA_FAGALUA_FRF_M	2	0.1667	0.1672	0.1500	0.0519	1.25	1.73	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHAI	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.2042	0.0748	1.25	1.13	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0500	0.0289	0.31	0.72	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.1635	0.1270	4.43	4.14	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_OPEN_FRF_D	2	0.1667	0.1665	0.2222	0.2220	3.75	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHAI	TUT_SW_OPEN_FRF_M	2	0.1667	0.1665	0.2500	0.0500	8.33	.	0.000	.	0.000	0.000	20.000	19.978	0.00	0.00
PHAI	TUT_SW_OPEN_FRF_S	3	0.0556	0.0556	0.0333	0.0333	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PHOR	OFU_FRF_D	9	0.0000	0.0000	0.0778	0.0775	1.11	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHOR	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PHOR	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	0.000	.	.	.	.	.	.	.
PHOR	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PHOR	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PHOR	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	2.00	2.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHOR	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0071	0.0072	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHOR	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	13.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHOR	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.4000	0.3993	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	100.00	99.83
PHOR	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.1250	0.1248	13.13	13.17	0.000	.	0.000	0.000	0.000	0.000	60.00	59.90
PHOR	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PHOR	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PHOR	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PHOR	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PHOR	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PHOR	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile			Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																	
PLDA	OFU_FRF_D	9	0.0370	0.0369		0.1519	0.0419	4.28	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	OFU_FRF_M	14	0.0000	0.0000		0.1919	0.0741	3.23	1.55	0.455	0.439	0.000	0.000	0.000	0.000	8.27	8.23
PLDA	OFU_FRF_S	8	0.0000	0.0000		0.0875	0.0438	4.73	3.72	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	ROS_BRF_S	7	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	ROS_FRF_M	6	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	SWA_FRF_S	8	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TAU_MPA_FRF_MS	3	0.1111	0.1106		0.1588	0.0586	2.63	1.68	0.000	0.000	0.000	0.000	0.000	0.000	10.49	10.49
PLDA	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.2556	0.2071	0.56	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	TAU_OPEN_FRF_M	9	0.0370	0.0371		0.2158	0.0750	7.64	4.01	0.000	0.000	0.000	0.000	0.000	0.000	8.63	6.27
PLDA	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0750	0.0432	2.50	1.55	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0125	0.0125	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0167	0.0167	0.83	0.91	0.000	.	0.000	0.000	0.000	0.000	100.00	100.08
PLDA	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0200	0.0200	1.00	1.04	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0333	0.0256	0.28	0.28	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLDA	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLDA	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLDA	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PLIC	OFU_FRF_D	9	0.0000	0.0000	0.2047	0.1200	4.30	.	0.000	.	0.000	0.000	0.000	0.000	5.43	5.41
PLIC	OFU_FRF_M	14	0.1310	0.0682	0.6265	0.2280	4.43	1.58	0.022	0.038	0.000	0.000	0.000	0.000	1.71	1.23
PLIC	OFU_FRF_S	8	0.0833	0.0541	0.2401	0.1084	11.48	4.75	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLIC	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	ROS_FRF_S	3	0.0000	0.0000	0.0333	0.0330	5.00	4.95	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLIC	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	SWA_FRF_S	8	0.0000	0.0000	0.0875	0.0634	2.31	2.16	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLIC	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0370	0.0370	1.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLIC	TAU_OPEN_FRF_M	9	0.0556	0.0555	0.1389	0.1387	0.98	1.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLIC	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLIC	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLIC	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PLOB	OFU_FRF_D	9	0.0000	0.0000	0.1341	0.1336	0.84	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	OFU_FRF_M	14	0.0238	0.0237	0.0929	0.0408	4.83	2.78	0.000	0.000	0.000	0.000	7.692	7.656	7.69	7.66
PLOB	OFU_FRF_S	8	0.0417	0.0413	0.0962	0.0954	4.13	4.09	1.250	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	ROS_BRF_M	2	0.6667	0.6644	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLOB	ROS_BRF_S	7	0.3571	0.3506	0.0429	0.0422	5.57	5.68	0.000	.	0.000	0.000	0.000	0.000	16.67	16.70
PLOB	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLOB	ROS_FRF_M	6	0.0000	0.0000	0.4333	0.2734	1.40	0.89	0.650	.	0.000	0.000	0.000	0.000	38.46	38.20
PLOB	ROS_FRF_S	3	0.8889	0.8798	0.3667	0.3147	2.83	2.80	0.000	.	0.000	0.000	0.000	0.000	36.36	35.99
PLOB	ROS_LAG_D	4	1.1250	1.0054	0.1375	0.0670	12.92	9.31	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLOB	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLOB	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLOB	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLOB	SWA_FRF_S	8	0.0000	0.0000	0.0500	0.0265	6.25	3.60	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TAU_MPA_FRF_D	2	0.2500	0.0836	0.2750	0.2227	17.50	8.24	0.325	0.322	0.000	0.000	18.182	17.993	0.00	0.00
PLOB	TAU_MPA_FRF_MS	3	0.0556	0.0556	0.1444	0.0744	11.39	6.14	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0704	0.0353	3.33	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.3828	0.1616	9.55	3.36	0.026	0.039	0.000	0.000	3.415	3.407	11.18	7.62
PLOB	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0500	0.0288	3.75	2.45	0.000	0.000	0.000	0.000	25.000	25.034	0.00	0.00
PLOB	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1765	0.1759	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	33.33	33.23
PLOB	TUT_NE_MPA_AUNUUA_FRF_M	2	0.1667	0.1664	1.1500	0.8487	25.09	8.32	0.000	0.000	0.000	0.000	0.000	0.000	32.61	23.88
PLOB	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLOB	TUT_NE_MPA_AUNUUB_FRF_D	4	0.1667	0.0960	0.2125	0.0429	9.80	8.29	0.375	0.374	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.2653	0.1520	11.25	9.60	0.000	0.000	0.000	0.000	4.712	4.743	18.85	18.64
PLOB	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0250	0.0250	2.50	7.88	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_NE_OPEN_FRF_D	5	0.0667	0.0666	0.1367	0.0741	5.67	5.66	0.000	0.000	0.000	0.000	0.000	0.000	7.32	7.32
PLOB	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.1531	0.0989	1.71	1.55	0.075	.	10.667	10.645	0.000	0.000	0.00	0.00
PLOB	TUT_NE_OPEN_FRF_S	5	0.2000	0.1995	0.3300	0.2229	4.23	3.05	0.167	0.129	0.000	0.000	0.000	0.000	15.15	6.77
PLOB	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0333	0.0333	0.00	0.00	3.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0500	0.0499	12.50	12.55	5.000	.	0.000	0.000	50.000	49.999	0.00	0.00
PLOB	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0600	0.0400	2.50	2.54	1.650	0.591	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SE_OPEN_FRF_M	12	0.0417	0.0416	0.1065	0.0543	8.38	3.24	0.625	0.456	0.000	0.000	11.735	8.429	32.12	21.65
PLOB	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLOB	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.7816	0.4658	5.63	.	0.833	.	0.000	0.000	6.397	6.188	13.13	0.33
PLOB	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.2750	0.2230	3.00	2.97	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLOB	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0125	0.0132	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0179	0.0180	1.25	1.76	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0235	0.0220	14.00	13.07	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.2204	0.1128	5.00	.	0.150	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0500	0.0500	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLOB	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PLUT	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	ROS_FRF_S	3	0.0000	0.0000	0.0333	0.0330	5.00	4.95	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLUT	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	SWA_FRF_D	4	0.1250	0.1235	0.1000	0.0988	3.75	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLUT	SWA_FRF_M	6	0.0000	0.0000	0.0196	0.0180	5.00	4.58	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLUT	SWA_FRF_S	8	0.0000	0.0000	0.0063	0.0063	0.19	0.30	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLUT	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0250	0.0250	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLUT	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0214	0.0149	2.86	2.89	0.000	0.000	0.000	0.000	33.333	33.371	0.00	0.00
PLUT	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLUT	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLUT	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PLVE	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	2.22	2.24	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PLVE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PLVE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PLVE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PMAL	OFU_FRF_D	9	0.0370	0.0369	0.1813	0.1527	3.86	.	1.433	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	OFU_FRF_M	14	0.0238	0.0237	0.1083	0.0553	8.23	4.42	0.000	0.000	0.000	0.000	0.000	0.000	14.65	14.58
PMAL	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMAL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	ROS_FRF_D	2	0.1667	0.1642	1.2958	0.9811	23.11	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	ROS_FRF_M	6	0.0000	0.0000	0.0879	0.0562	2.98	2.62	1.250	0.807	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	ROS_FRF_S	3	0.0000	0.0000	0.0167	0.0168	8.33	8.62	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	SWA_FRF_D	4	0.0000	0.0000	0.3000	0.2096	10.00	.	0.475	.	0.000	0.000	0.000	0.000	16.67	16.47
PMAL	SWA_FRF_M	6	0.0000	0.0000	0.0536	0.0353	1.67	2.59	0.000	0.000	0.000	0.000	0.000	0.000	31.11	31.32
PMAL	SWA_FRF_S	8	0.0000	0.0000	0.0875	0.0430	3.44	1.86	0.000	0.000	0.000	0.000	0.000	0.000	78.57	35.71
PMAL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0500	0.0502	3.13	3.68	5.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0196	0.0196	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.1111	0.1109	0.56	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0915	0.0916	0.42	0.59	1.700	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0600	0.0599	1.00	1.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	100.00	99.77
PMAL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_SE_OPEN_FRF_D	5	0.1333	0.1331	0.1600	0.1597	1.50	1.50	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0794	0.0616	6.99	4.47	0.000	0.000	0.000	0.000	0.000	0.000	10.50	10.50
PMAL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0600	0.0600	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.2000	0.1934	17.25	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0750	0.0433	1.38	0.72	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMAL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.1250	0.0744	1.56	2.08	0.000	0.000	0.000	0.000	0.000	0.000	10.00	10.07
PMAL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMAL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMAL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMAL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0333	3.33	3.33	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PMEA	OFU_FRF_D	9	0.0000	0.0000	0.0905	0.0505	0.69	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	OFU_FRF_M	14	0.0000	0.0000	0.2014	0.0679	2.57	1.42	1.622	0.975	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	OFU_FRF_S	8	0.0000	0.0000	0.3817	0.1915	7.09	3.41	0.060	0.047	0.000	0.000	0.000	0.000	3.27	3.25
PMEA	ROS_BRF_M	2	0.0000	0.0000	0.0550	0.0548	0.00	.	0.000	.	0.000	0.000	0.000	0.000	100.00	99.66
PMEA	ROS_BRF_S	7	0.0000	0.0000	0.0143	0.0093	2.86	3.12	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	ROS_FRF_D	2	0.0000	0.0000	0.4667	0.3612	6.88	.	0.000	.	0.000	0.000	0.000	0.000	22.32	21.99
PMEA	ROS_FRF_M	6	0.0833	0.0567	0.8567	0.2396	4.79	1.95	0.410	0.374	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	ROS_FRF_S	3	0.0000	0.0000	1.2167	0.3795	5.49	2.20	0.183	0.385	0.000	0.000	0.000	0.000	2.74	2.71
PMEA	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMEA	ROS_LAG_M	3	0.0000	0.0000	0.0667	0.0645	6.67	6.45	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMEA	SWA_FRF_D	4	0.0000	0.0000	0.1500	0.0638	0.50	.	10.000	.	0.000	0.000	0.000	0.000	66.67	38.03
PMEA	SWA_FRF_M	6	0.1389	0.1005	0.3302	0.2012	2.33	2.30	0.000	0.000	0.000	0.000	0.000	0.000	30.33	15.59
PMEA	SWA_FRF_S	8	0.2917	0.2892	0.6865	0.3563	2.24	0.99	0.000	0.000	0.000	0.000	1.214	1.218	19.55	14.40
PMEA	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0500	0.0495	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0167	0.0167	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0741	0.0739	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0742	0.0403	5.35	4.42	0.217	0.142	7.489	7.494	0.000	0.000	0.00	0.00
PMEA	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0125	0.0125	11.25	11.28	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1427	0.0924	2.50	0.71	0.000	0.000	0.000	0.000	0.000	0.000	41.24	41.11
PMEA	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.3750	0.3245	1.86	1.85	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	1.3250	1.2609	4.71	4.66	0.000	0.000	0.000	0.000	0.000	0.000	18.87	18.66
PMEA	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0125	0.0125	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.2236	0.1142	0.31	0.31	0.833	0.714	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0500	0.0249	1.25	5.57	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.2433	0.1413	1.48	1.48	1.000	0.773	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0786	0.0575	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.2400	0.0747	21.40	17.34	0.000	0.000	0.000	0.000	0.000	0.000	16.67	16.63
PMEA	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0667	0.0333	13.33	.	20.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0167	0.0167	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0250	0.0250	20.00	20.02	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	8.00	7.98	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.1598	0.0625	4.98	2.93	1.556	1.079	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.1500	0.0418	0.98	1.01	0.330	0.360	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMEA	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0500	0.0496	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.4250	0.0726	9.71	4.83	8.075	7.999	5.882	5.953	0.000	0.000	0.00	0.00
PMEA	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0542	0.0285	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0313	0.0315	0.2595	0.0950	0.56	1.02	0.000	0.000	0.000	0.000	0.000	0.000	11.60	11.37
PMEA	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.3212	0.1061	12.63	6.24	0.163	0.699	3.114	3.196	0.000	0.000	19.78	11.93
PMEA	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0500	0.0500	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMEA	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.3333	0.3327	5.50	5.49	0.200	.	10.000	9.982	0.000	0.000	10.00	9.98

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PMON	OFU_FRF_D	9	0.0000	0.0000	0.0117	0.0117	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMON	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMON	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMON	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	ROS_LAG_D	4	0.0000	0.0000	0.0292	0.0193	1.25	3.80	4.000	4.694	0.000	0.000	0.000	0.000	0.00	0.00
PMON	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	SWA_FRF_D	4	0.0000	0.0000	0.1250	0.0741	6.63	.	0.000	.	0.000	0.000	0.000	0.000	20.00	19.76
PMON	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0667	0.0665	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMON	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0111	0.0074	2.50	2.23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMON	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0588	0.0586	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PMON	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMON	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SE_OPEN_FRF_M	12	0.0625	0.0625	0.0211	0.0169	0.57	0.46	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PMON	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMON	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0250	0.0226	1.25	1.13	0.000	.	0.000	0.000	0.000	0.000	100.00	90.45
PMON	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PMON	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMON	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PMON	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PNIE	OFU_FRF_D	9	0.0000	0.0000	0.0739	0.0389	1.28	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	OFU_FRF_M	14	0.0000	0.0000	0.0107	0.0077	0.21	0.21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	OFU_FRF_S	8	0.0000	0.0000	0.0125	0.0124	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PNIE	ROS_BRF_S	7	0.0000	0.0000	0.0143	0.0139	5.00	5.14	20.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	ROS_FRF_D	2	0.0000	0.0000	0.2500	0.2463	3.60	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	ROS_FRF_M	6	0.0556	0.0353	0.6913	0.3592	7.71	2.92	0.575	0.274	2.411	2.395	0.000	0.000	2.41	2.39
PNIE	ROS_FRF_S	3	0.0000	0.0000	0.3333	0.2007	9.37	5.06	0.000	0.000	0.000	0.000	5.000	5.025	0.00	0.00
PNIE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	ROS_LAG_M	3	0.0000	0.0000	0.0167	0.0169	0.83	1.81	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PNIE	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0363	0.0184	0.83	0.96	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PNIE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	2.78	2.80	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0250	0.0250	1.25	1.44	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.2000	0.1997	7.50	7.49	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0500	0.0495	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0278	0.0275	2.50	2.47	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0100	0.0100	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NE_OPEN_FRF_M	7	0.0476	0.0477	0.1119	0.0517	3.32	1.41	0.160	0.135	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TUT_NW_OPEN_FRF_D	3	0.1333	0.1331	0.0333	0.0333	0.00	.	1.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0667	0.0666	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.1250	0.1248	4.88	4.95	0.150	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0123	1.00	1.04	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0794	0.0324	4.21	1.83	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0100	0.0100	5.00	5.02	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.1000	0.0967	22.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0500	0.0502	1.50	1.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0250	0.0253	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PNIE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0400	0.0374	0.50	0.47	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0538	0.0537	15.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PNIE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PNIE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0334	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	100.00	100.09

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PPIN	OFU_FRF_D	9	0.1852	0.1476	0.7936	0.1600	8.07	.	0.228	.	2.800	2.790	0.000	0.000	0.00	0.00
PPIN	OFU_FRF_M	14	0.0238	0.0237	0.3098	0.0676	9.93	2.30	0.192	0.225	2.402	2.406	0.000	0.000	13.58	6.49
PPIN	OFU_FRF_S	8	0.0000	0.0000	0.0442	0.0223	8.25	6.18	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PPIN	ROS_BRF_S	7	0.0000	0.0000	0.0214	0.0145	6.43	5.75	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PPIN	ROS_FRF_M	6	0.0000	0.0000	0.0167	0.0166	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PPIN	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TAU_MPA_FRF_D	2	0.1667	0.1649	0.5750	0.0322	12.55	4.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.4005	0.1994	3.53	2.12	0.000	0.000	0.000	0.000	0.000	0.000	4.16	4.16
PPIN	TAU_OPEN_FRF_D	3	0.2222	0.1109	0.9333	0.5322	9.08	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.2903	0.1070	9.22	2.54	0.106	0.100	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TAU_OPEN_FRF_S	4	0.0417	0.0417	0.0750	0.0747	3.33	3.32	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0588	0.0586	15.00	14.95	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.1000	0.0540	3.59	3.65	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0528	0.0302	1.25	1.24	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	0.60	0.60	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0286	0.0285	0.36	0.36	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0667	0.0333	8.33	.	0.000	.	0.000	0.000	0.000	0.000	50.00	49.93
PPIN	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0200	0.0200	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0223	0.0124	3.23	1.76	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0526	0.0509	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0375	0.0227	2.50	4.63	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PPIN	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PPIN	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PPIN	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PPIN	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PRUG	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	OFU_FRF_M	14	0.0000	0.0000	0.0143	0.0142	0.36	0.36	5.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUG	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0357	0.0358	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUG	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUG	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUG	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PRUS	OFU_FRF_D	9	0.0000	0.0000	0.1345	0.1102	4.69	.	0.067	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	OFU_FRF_M	14	0.0000	0.0000	0.1393	0.1348	1.88	1.32	1.250	0.470	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	OFU_FRF_S	8	0.1667	0.1653	0.2115	0.2098	3.01	2.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUS	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUS	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUS	SWA_FRF_M	6	0.0000	0.0000	0.0642	0.0399	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TAU_OPEN_FRF_D	3	0.2222	0.2218	0.4667	0.4657	7.62	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.0167	0.0118	0.83	0.86	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.1765	0.1759	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NE_OPEN_FRF_D	5	0.1000	0.1001	0.1400	0.1398	3.60	3.63	2.496	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_NE_OPEN_FRF_M	7	2.0238	1.8272	1.6833	0.8249	6.40	3.10	0.084	0.063	0.000	0.000	0.000	0.000	1.98	1.29
PRUS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_NW_OPEN_FRF_D	3	0.1111	0.1110	0.3333	0.2400	9.83	.	0.463	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_NW_OPEN_FRF_M	3	0.1667	0.1668	0.8000	0.3052	9.45	6.17	0.431	0.419	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_NW_OPEN_FRF_S	2	0.1667	0.1667	0.2000	0.1997	13.75	13.79	0.075	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0300	0.0200	2.50	1.65	5.000	3.182	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SE_OPEN_FRF_M	12	0.3264	0.1555	0.7961	0.3798	5.68	2.17	0.179	0.109	3.140	3.133	0.000	0.000	0.00	0.00
PRUS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PRUS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PRUS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0250	0.0251	2.50	3.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0250	0.0253	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.2500	0.1443	0.1250	0.0856	7.19	4.09	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.1806	0.1079	5.42	4.83	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.2006	0.1235	2.34	3.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.1667	0.1665	6.67	.	0.500	.	0.000	0.000	0.000	0.000	0.00	0.00
PRUS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	1.0500	0.1498	1.31	.	0.204	.	4.762	4.757	0.000	0.000	0.00	0.00
PRUS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	1.3833	1.3067	6.26	3.55	0.040	0.033	0.000	0.000	1.205	1.206	0.00	0.00

Table A11 (cont'd).

			Juvenile			Adult			Old dead			Recent dead			Disease - Lesions			Disease - Non-lesion			Bleaching	
	strata	n	density (# m ⁻²)	SE		density (# m ⁻²)	SE		Mean %	SE		Mean %	SE		Prevalence (%)	SE		Prevalence (%)	SE		Prevalence (%)	SE
Species																						
PSOL	OFU_FRF_D	9	0.0000	0.0000		0.0192	0.0191		5.56	.		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	OFU_FRF_M	14	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	OFU_FRF_S	8	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	ROS_BRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	ROS_BRF_S	7	0.0000	0.0000		0.0071	0.0072		4.29	4.47		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	ROS_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	ROS_FRF_M	6	0.0000	0.0000		0.0167	0.0166		4.17	4.14		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	ROS_FRF_S	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	ROS_LAG_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	ROS_LAG_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	ROS_LAG_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	SWA_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	SWA_FRF_M	6	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	SWA_FRF_S	8	0.0000	0.0000		0.0272	0.0177		0.63	0.62		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	TAU_MPA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TAU_MPA_FRF_MS	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TAU_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	TAU_OPEN_FRF_M	9	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TAU_OPEN_FRF_S	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000		0.0250	0.0247		0.00	0.00		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000		0.0042	0.0042		0.42	0.44		0.000	.		0.000	0.000		0.000	0.000		0.00	0.00
PSOL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.
PSOL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000		0.0000	0.0000		0.00	.		.	.		.	.		.	.		.	.
PSOL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000		0.0000	0.0000		0.00	0.00		.	.		.	.		.	.		.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PSTE	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	ROS_FRF_D	2	0.0000	0.0000	0.0500	0.0493	0.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PSTE	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	SWA_FRF_D	4	0.0000	0.0000	0.1250	0.0935	8.44	.	0.833	.	0.000	0.000	0.000	0.000	20.00	19.76
PSTE	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PSTE	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PSTE	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PVAR	OFU_FRF_D	9	0.1926	0.1137	1.0961	0.2941	15.78	.	0.233	.	0.000	0.000	1.014	1.010	15.56	5.88
PVAR	OFU_FRF_M	14	0.0119	0.0119	0.3785	0.1665	9.68	2.78	0.030	0.051	0.000	0.000	0.000	0.000	22.00	6.37
PVAR	OFU_FRF_S	8	0.0000	0.0000	0.0132	0.0131	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	ROS_BRF_M	2	0.0000	0.0000	0.0500	0.0498	5.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	ROS_BRF_S	7	0.0000	0.0000	0.0500	0.0318	8.75	6.66	2.500	1.515	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	ROS_FRF_D	2	0.0000	0.0000	0.3542	0.1437	2.30	.	0.800	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	ROS_FRF_M	6	0.0556	0.0353	0.2361	0.0514	9.24	3.21	2.250	1.461	0.000	0.000	3.530	3.541	0.00	0.00
PVAR	ROS_FRF_S	3	0.0000	0.0000	0.0667	0.0335	15.00	12.52	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	ROS_LAG_D	4	0.0000	0.0000	0.0732	0.0400	5.00	4.58	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	ROS_LAG_M	3	0.2222	0.2149	0.4000	0.3395	9.39	4.57	0.000	.	0.000	0.000	8.333	8.057	0.00	0.00
PVAR	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVAR	SWA_FRF_D	4	0.0000	0.0000	0.1250	0.0935	2.50	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	SWA_FRF_M	6	0.0000	0.0000	0.0196	0.0180	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	SWA_FRF_S	8	0.0000	0.0000	0.0125	0.0082	0.31	0.44	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TAU_MPA_FRF_D	2	0.1667	0.1649	0.4500	0.1494	9.33	8.29	0.000	0.000	0.000	0.000	16.667	5.574	11.11	11.00
PVAR	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0667	0.0667	6.46	6.55	1.300	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TAU_OPEN_FRF_D	3	0.3413	0.1922	0.3630	0.2687	5.83	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TAU_OPEN_FRF_M	9	0.0185	0.0185	0.0333	0.0186	6.39	4.62	0.000	0.000	0.000	0.000	0.000	0.000	16.67	16.68
PVAR	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0375	0.0239	3.75	2.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	1.9592	0.1949	9.08	3.41	0.592	0.362	0.000	0.000	0.000	0.000	21.33	3.32
PVAR	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0500	0.0499	5.00	4.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.1000	0.0000	42.50	27.37	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVAR	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0125	0.0126	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVAR	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.4500	0.2143	1.39	0.92	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_NE_OPEN_FRF_M	7	0.0476	0.0475	1.3000	0.3514	8.81	3.42	0.050	0.078	0.000	0.000	1.465	1.462	12.09	5.33
PVAR	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.1700	0.0539	19.80	12.91	0.000	0.000	0.000	0.000	0.000	0.000	29.41	22.74
PVAR	TUT_NW_OPEN_FRF_D	3	0.5778	0.3945	1.1333	0.1761	9.03	.	0.267	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	1.0000	0.0584	15.44	6.41	0.000	0.000	0.000	0.000	0.000	0.000	10.00	5.76
PVAR	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	1.1250	1.1230	9.12	9.18	0.700	.	0.000	0.000	2.222	2.222	17.78	17.76
PVAR	TUT_SE_OPEN_FRF_D	5	0.1667	0.1288	0.1800	0.1307	0.74	0.74	0.163	0.145	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SE_OPEN_FRF_M	12	0.3403	0.1734	0.5230	0.1721	12.37	5.49	0.423	0.286	1.593	1.590	0.000	0.000	12.04	7.00
PVAR	TUT_SE_OPEN_FRF_S	5	0.2667	0.2663	0.0800	0.0561	2.50	2.53	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.3553	0.1400	17.00	.	0.000	.	0.000	0.000	0.000	0.000	28.15	27.23
PVAR	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.3750	0.3221	2.50	3.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0250	0.0253	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0833	0.0754	0.8125	0.3786	13.03	4.51	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.2031	0.0595	18.04	4.88	0.000	0.000	0.000	0.000	0.000	0.000	20.98	13.83
PVAR	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0400	0.0229	2.00	3.17	0.000	0.000	0.000	0.000	0.000	0.000	25.00	25.67
PVAR	TUT_SW_OPEN_FRF_D	2	0.1667	0.1665	0.5914	0.5908	7.73	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.3000	0.0999	3.75	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PVAR	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0167	0.0167	5.00	5.07	0.000	.	0.000	0.000	0.000	0.000	100.00	100.09

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
PVEN	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PVEN	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PVEN	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0333	0.0333	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00

Table A11 (cont'd).

Species	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
PWOO	OFU_FRF_D	9	0.0000	0.0000	0.0234	0.0233	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PWOO	OFU_FRF_M	14	0.0000	0.0000	0.0159	0.0158	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PWOO	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	SWA_FRF_S	8	0.0000	0.0000	0.0375	0.0157	3.44	2.49	0.000	0.000	0.000	0.000	0.000	0.000	16.67	16.73
PWOO	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0500	0.0499	5.00	4.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
PWOO	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.21	0.23	0.000	.	0.000	0.000	0.000	0.000	100.00	100.04
PWOO	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
PWOO	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
PWOO	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
SCYL	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	OFU_FRF_M	14	0.0000	0.0000	0.0071	0.0071	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SCYL	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	ROS_LAG_M	3	0.0000	0.0000	0.0333	0.0322	21.67	20.95	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SCYL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SCYL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0556	0.0555	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SCYL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SCYL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
SPIS	OFU_FRF_D	9	0.0370	0.0369	0.0450	0.0338	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SPIS	OFU_FRF_M	14	0.0000	0.0000	0.0091	0.0063	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
SPIS	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SPIS	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	0.000	0.000	.	.	.	.	.	.
SPIS	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	SWA_FRF_D	4	0.1667	0.1647	0.1250	0.0935	8.44	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SPIS	SWA_FRF_M	6	0.0972	0.0892	0.2203	0.1634	0.20	0.78	0.000	0.000	0.000	0.000	0.000	0.000	76.19	52.62
SPIS	SWA_FRF_S	8	0.0625	0.0436	0.0875	0.0337	0.63	0.62	0.000	0.000	0.000	0.000	0.000	0.000	71.43	28.22
SPIS	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SPIS	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0833	0.0834	1.8360	1.8316	18.37	18.44	0.350	.	0.000	0.000	0.000	0.000	8.00	7.99
SPIS	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0125	0.0126	10.00	10.16	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SPIS	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NE_OPEN_FRF_M	7	0.0952	0.0950	0.7000	0.4727	4.39	2.89	0.725	0.165	0.000	0.000	0.000	0.000	8.16	5.26
SPIS	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0200	0.0200	4.00	3.99	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
SPIS	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SPIS	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SPIS	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
SPIS	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SPIS	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
SPIS	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd)

	strata	n	Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
			density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
TMES	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	OFU_FRF_M	14	0.0000	0.0000	0.0405	0.0336	0.66	0.48	0.833	0.331	0.000	0.000	0.000	0.000	0.00	0.00
TMES	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TMES	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TMES	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
TPEL	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	OFU_FRF_M	14	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0250	0.0249	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TPEL	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TPEL	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TPEL	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd)

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
TREN	OFU_FRF_D	9	0.0370	0.0369	0.0192	0.0191	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TREN	OFU_FRF_M	14	0.0238	0.0237	0.1022	0.0413	7.80	2.81	0.156	0.118	0.000	0.000	0.000	0.000	0.00	0.00
TREN	OFU_FRF_S	8	0.0000	0.0000	0.0192	0.0191	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TREN	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0704	0.0353	3.67	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TREN	TAU_OPEN_FRF_M	9	0.0370	0.0371	0.0944	0.0825	1.63	1.65	0.000	0.000	0.000	0.000	0.000	0.000	5.88	5.89
TREN	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0588	0.0586	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TREN	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0143	0.0143	1.43	1.43	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TREN	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TREN	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TREN	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Table A11 (cont'd).

			Juvenile		Adult		Old dead		Recent dead		Disease - Lesions		Disease - Non-lesion		Bleaching	
	strata	n	density (# m ⁻²)	SE	density (# m ⁻²)	SE	Mean %	SE	Mean %	SE	Prevalence (%)	SE	Prevalence (%)	SE	Prevalence (%)	SE
Species																
TSST	OFU_FRF_D	9	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	OFU_FRF_M	14	0.0000	0.0000	0.0071	0.0071	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TSST	OFU_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	ROS_BRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	ROS_BRF_S	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	ROS_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	ROS_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	ROS_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	ROS_LAG_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	ROS_LAG_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	ROS_LAG_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	SWA_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	SWA_FRF_M	6	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	SWA_FRF_S	8	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TAU_MPA_FRF_D	2	0.0000	0.0000	0.0500	0.0495	0.00	0.00	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TSST	TAU_MPA_FRF_MS	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TAU_OPEN_FRF_D	3	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	TAU_OPEN_FRF_M	9	0.0000	0.0000	0.0056	0.0056	3.89	3.90	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TSST	TAU_OPEN_FRF_S	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_MPA_AUNUUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_MPA_AUNUUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_MPA_AUNUUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_MPA_AUNUUB_FRF_D	4	0.0000	0.0000	0.0500	0.0499	3.13	3.12	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TSST	TUT_NE_MPA_AUNUUB_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_MPA_AUNUUB_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_OPEN_FRF_M	7	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NW_OPEN_FRF_D	3	0.0000	0.0000	0.0333	0.0333	0.00	.	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TSST	TUT_NW_OPEN_FRF_M	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_NW_OPEN_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SE_OPEN_FRF_D	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SE_OPEN_FRF_M	12	0.0000	0.0000	0.0042	0.0042	0.42	0.44	0.000	.	0.000	0.000	0.000	0.000	0.00	0.00
TSST	TUT_SE_OPEN_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SW_MPA_FAGALUA_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	TUT_SW_MPA_FAGALUA_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SW_MPA_FAGALUA_FRF_S	2	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SW_MPA_FAGATELE_FRF_D	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SW_MPA_FAGATELE_FRF_M	4	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SW_MPA_FAGATELE_FRF_S	5	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.
TSST	TUT_SW_OPEN_FRF_D	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	TUT_SW_OPEN_FRF_M	2	0.0000	0.0000	0.0000	0.0000	0.00	.	.	.	.	.	.	.	.	.
TSST	TUT_SW_OPEN_FRF_S	3	0.0000	0.0000	0.0000	0.0000	0.00	0.00	.	.	.	.	.	.	.	.

Ocean and Climate Change Appendix: Table A1. Table of site-level Calcification Accretion Unit recoveries from American Samoa in 2015. Deployments cover 2012-2015 for an average of 3 years soaktime. Column definitions: Net CaCO₃Accr = site-level mean net carbonate accretion rate (g cm⁻²yr⁻¹); sd = site-level standard deviation of net carbonate accretion rate; N = site-level net carbonate accretion rate sample size; Days and Soaktime Years = amount of time unit was deployed in specific location.

REA Location	REA Site	Recovery Year	Recovery Date	Net CaCO ₃ Accr	sd	N	SoakTime Days	SoakTime Years	Latitude	Longitude
OFU	OFU-01	2015	2015/03/25	1.005	0.205	4	1065	3	-14.16445102	-169.6557259
OFU	OFU-03	2015	2015/03/14	1.233	0.156	3	1053	3	-14.18649048	-169.6602071
OFU	OFU-06	2015	2015/03/13	0.589	0.098	4	1051	3	-14.1741866	-169.6819707
OFU	OFU-09	2015	2015/03/13	0.585	0.122	4	1052	3	-14.15764449	-169.6742404
OLO	OLO-01	2015	2015/03/21	0.765	0.386	4	1061	3	-14.16854281	-169.6078326
OLO	OLO-04	2015	2015/03/14	0.920	0.129	4	1054	3	-14.18173417	-169.6266112
OLO	OLO-05	2015	2015/03/21	0.502	0.091	4	1061	3	-14.16342683	-169.6246464
ROS	ROS-01	2012	2012/04/21	1.519	0.186	5	781	2	-14.53946038	-168.1455023
ROS	ROS-01	2015	2015/03/16	1.207	0.216	4	1060	3	-14.53946038	-168.1455023
ROS	ROS-03	2012	2012/04/20	1.676	0.275	5	779	2	-14.55480002	-168.1465476
ROS	ROS-03	2015	2015/03/16	1.547	0.102	3	1061	3	-14.55480002	-168.1465476
ROS	ROS-04	2012	2012/04/20	1.891	0.226	5	778	2	-14.55966177	-168.1599932
ROS	ROS-04	2015	2015/03/18	3.759	0.553	4	1062	3	-14.55966177	-168.1599932
ROS	ROS-06	2012	2012/04/20	0.950	0.296	4	779	2	-14.53640903	-168.1654797
ROS	ROS-06	2015	2015/03/18	0.826	0.166	4	1062	3	-14.53640903	-168.1654797
ROS	ROS-07	2012	2012/04/20	0.618	0.274	5	780	2	-14.54941708	-168.1682285
ROS	ROS-07	2015	2015/03/17	1.442	0.195	4	1062	3	-14.54941708	-168.1682285
ROS	ROS-08	2012	2012/04/20	0.280	0.173	5	777	2	-14.53788743	-168.1533046
ROS	ROS-08	2015	2015/03/19	0.214	0.160	4	1063	3	-14.53788743	-168.1533046
ROS	ROS-09	2012	2012/04/22	0.127	0.035	4	779	2	-14.55125389	-168.1603095
ROS	ROS-09	2015	2015/03/19	0.116	0.019	5	1062	3	-14.55125389	-168.1603095
ROS	ROS-19	2012	2012/04/19	1.569	0.647	5	778	2	-14.54909815	-168.1378498
ROS	ROS-19	2015	2015/03/17	2.456	0.162	4	1062	3	-14.54909815	-168.1378498
ROS	ROS-23	2012	2012/04/20	1.321	0.229	5	778	2	-14.54216405	-168.1723491
ROS	ROS-23	2015	2015/03/17	2.571	0.250	4	1061	3	-14.54216405	-168.1723491
ROS	ROS-25	2012	2012/04/21	1.319	0.341	5	781	2	-14.52932339	-168.1534759
ROS	ROS-25	2015	2015/03/16	2.484	0.099	2	1060	3	-14.52932339	-168.1534759
ROS	ROS-30	2015	2015/03/19	0.016	0.016	3	1062	3	-14.54804613	-168.1664967
SWA	SWA-01	2012	2012/03/22	1.392	0.293	5	737	2	-11.06832393	-171.0811795
SWA	SWA-01	2015	2015/02/19	0.512	NA	1	1064	3	-11.06832393	-171.0811795
SWA	SWA-03	2012	2012/03/22	0.890	0.202	5	736	2	-11.05768804	-171.091421
SWA	SWA-03	2015	2015/02/20	0.813	0.081	2	1065	3	-11.05768804	-171.091421
SWA	SWA-07	2012	2012/03/22	1.037	0.217	5	737	2	-11.05097556	-171.0658118
SWA	SWA-07	2015	2015/02/15	1.258	0.611	4	1061	3	-11.05097556	-171.0658118
SWA	SWA-08	2012	2012/03/21	0.765	0.355	4	736	2	-11.04568868	-171.0770818
SWA	SWA-08	2015	2015/02/18	0.994	0.128	3	1064	3	-11.04568868	-171.0770818
SWA	SWA-16	2012	2012/03/22	0.929	0.227	5	735	2	-11.05074205	-171.092233
SWA	SWA-16	2015	2015/02/19	1.130	0.426	4	1064	3	-11.05074205	-171.092233
TAU	TAU-02	2012	2012/04/23	0.731	0.223	5	772	2	-14.25170546	-169.4461731
TAU	TAU-02	2015	2015/03/23	0.594	0.171	2	1064	3	-14.25170546	-169.4461731
TAU	TAU-04	2012	2012/04/23	0.876	0.228	4	765	2	-14.21240011	-169.4406568
TAU	TAU-04	2015	2015/03/15	0.683	0.084	4	1057	3	-14.21240011	-169.4406568
TAU	TAU-07	2012	2012/04/23	0.941	0.099	5	772	2	-14.22730297	-169.4183304
TAU	TAU-07	2015	2015/03/15	0.551	0.153	4	1056	3	-14.22730296	-169.4183304
TAU	TAU-08	2012	2012/04/23	1.067	0.125	5	772	2	-14.26240085	-169.4747974
TAU	TAU-08	2015	2015/03/23	0.769	NA	1	1064	3	-14.26240084	-169.4747974
TAU	TAU-09	2012	2012/04/22	0.996	0.214	5	772	2	-14.24572924	-169.5065876
TAU	TAU-10	2012	2012/04/23	0.797	NA	1	773	2	-14.21458016	-169.4684867
TAU	TAU-11	2012	2012/04/22	0.640	0.095	4	772	2	-14.21723429	-169.5128095
TAU	TAU-11	2015	2015/03/20	0.386	0.032	3	1062	3	-14.21723429	-169.5128095
TAU	TAU-12	2012	2012/04/22	0.719	0.079	5	764	2	-14.25756239	-169.5010107
TAU	TAU-12	2015	2015/03/23	0.644	0.176	4	1065	3	-14.25756239	-169.5010107
TUT	TUT-01	2012	2012/03/26	0.700	0.190	5	768	2	-14.28349332	-170.6378417
TUT	TUT-01	2015	2015/03/02	0.883	0.178	4	1072	3	-14.28353573	-170.6378221
TUT	TUT-02	2012	2012/03/25	0.483	0.061	5	767	2	-14.27780176	-170.6072282
TUT	TUT-02	2015	2015/02/28	0.425	0.090	4	1070	3	-14.27780176	-170.6072282
TUT	TUT-05	2012	2012/04/05	0.434	0.045	5	771	2	-14.25168852	-170.6230884
TUT	TUT-05	2015	2015/03/03	0.363	0.126	4	1063	3	-14.25168852	-170.6230884
TUT	TUT-06	2012	2012/04/03	0.562	0.108	5	766	2	-14.32809804	-170.8318301
TUT	TUT-06	2015	2015/02/17	0.660	0.063	4	1050	3	-14.32809804	-170.8318301
TUT	TUT-08	2012	2012/04/02	0.433	0.124	3	770	2	-14.29166844	-170.780423
TUT	TUT-08	2015	2015/03/01	0.429	0.031	4	1063	3	-14.29166844	-170.780423
TUT	TUT-09	2012	2012/04/01	0.686	0.200	5	773	2	-14.33607803	-170.7043777
TUT	TUT-09	2015	2015/02/26	0.644	0.068	2	1061	3	-14.33607803	-170.7043777
TUT	TUT-10	2012	2012/04/01	0.728	0.206	5	772	2	-14.31101362	-170.6930267
TUT	TUT-10	2015	2015/02/26	0.693	0.222	4	1061	3	-14.31101362	-170.6930267
TUT	TUT-13	2012	2012/04/02	0.527	0.084	5	769	2	-14.26054669	-170.7120488
TUT	TUT-13	2015	2015/03/04	0.347	0.023	4	1066	3	-14.26054669	-170.7120488
TUT	TUT-14	2012	2012/04/04	0.526	0.088	5	770	2	-14.25333951	-170.6521866
TUT	TUT-14	2015	2015/02/27	0.373	0.019	4	1059	3	-14.2533395	-170.6521866
TUT	TUT-16	2012	2012/03/25	0.583	0.136	5	759	2	-14.28532108	-170.5640684
TUT	TUT-16	2015	2015/02/28	0.473	0.184	4	1070	3	-14.28532108	-170.5640684
TUT	TUT-17	2012	2012/04/05	0.881	0.260	5	771	2	-14.24599931	-170.571958
TUT	TUT-17	2015	2015/03/03	0.883	0.132	4	1062	3	-14.2459993	-170.571958
TUT	TUT-19	2012	2012/04/02	0.502	0.112	5	769	2	-14.28318604	-170.7282545
TUT	TUT-19	2015	2015/03/04	0.530	0.074	3	1066	3	-14.28318604	-170.7282545
TUT	TUT-22	2012	2012/04/02	0.685	0.235	4	772	2	-14.36587645	-170.762842
TUT	TUT-22	2015	2015/03/06	0.531	0.172	4	1069	3	-14.36587645	-170.762842

Ocean and Climate Change Appendix: Table A2. Table of Site-Level Carbonate Seawater Samples. OmegaA = Aragonite Saturation state; snDIC = Salinity normalized Dissolved Inorganic Carbon; snTA = salinity normalized Total Alkalinity

REA_Site	Year	Island	UTCDateTime	Long.	Long360	Latitude	Depth .ft	mn. OmegaA	mn. snDIC	mn. snTA	sd. OmegaA	sd. snDIC	sd. OsnTA	N
OFU-001	2015	Ofu and Olosega	2015-03-25 20:32	-169.6556	190.3444	-14.1644	44.0	3.887	1960.313	2301.673	NA	NA	NA	1
OFU-003	2015	Ofu and Olosega	2015-03-15 00:22	-169.6602	190.3398	-14.1865	48.0	3.887	1948.787	2290.067	NA	NA	NA	1
OFU-006	2015	Ofu and Olosega	2015-03-14 01:13	-169.6820	190.3181	-14.1742	49.0	3.883	1943.074	2284.121	NA	NA	NA	1
OFU-009	2015	Ofu and Olosega	2015-03-13 22:15	-169.6756	190.3244	-14.1545	17.0	3.985	1948.680	2297.758	0.076	5.077	0.841	3
OFU-054	2015	Ofu and Olosega	2015-03-26 22:08	-169.6519	190.3481	-14.1837	18.7	3.928	1961.954	2308.405	0.100	6.572	13.185	3
OFU-710	2015	Ofu and Olosega	2015-03-25 22:30	-169.6832	190.3168	-14.1601	36.0	3.888	1956.443	2297.773	NA	NA	NA	1
OFU-722	2015	Ofu and Olosega	2015-03-14 22:38	-169.6074	190.3926	-14.1869	42.0	3.954	1950.845	2297.900	NA	NA	NA	1
OFU-728	2015	Ofu and Olosega	2015-03-13 23:15	-169.6519	190.3481	-14.6519	40.0	3.706	1970.470	2293.658	NA	NA	NA	1
OFU-743	2015	Ofu and Olosega	2015-03-26 23:55	-169.6318	190.3682	-14.1738	40.0	3.792	1959.533	2292.540	NA	NA	NA	1
OLO-001	2015	Ofu and Olosega	2015-03-21 21:33	-169.6079	190.3921	-14.1684	47.0	3.902	1956.080	2298.308	NA	NA	NA	1
OLO-004	2015	Ofu and Olosega	2015-03-14 20:01	-169.6268	190.3732	-14.1813	47.0	3.473	1973.681	2275.442	NA	NA	NA	1
OLO-005	2015	Ofu and Olosega	2015-03-22 00:11	-169.6245	190.3755	-14.1633	46.0	3.803	1953.518	2286.638	NA	NA	NA	1
OLO-694	2015	Ofu and Olosega	2015-03-21 23:20	-169.6054	190.3946	-14.1795	38.0	3.875	1958.041	2297.507	NA	NA	NA	1
ROS-001	2015	Rose Atoll	2015-03-17 01:04	-168.1458	191.8542	-14.5390	50.0	4.005	1949.082	2301.960	NA	NA	NA	1
ROS-003	2015	Rose Atoll	2015-03-17 01:54	-168.1465	191.8535	-14.5549	49.0	3.918	1955.048	2299.598	NA	NA	NA	1
ROS-004	2015	Rose Atoll	2015-03-18 19:20	-168.1600	191.8400	-14.5596	42.0	3.811	1963.269	2297.952	NA	NA	NA	1
ROS-006	2015	Rose Atoll	2015-03-18 21:52	-168.1655	191.8345	-14.5364	46.0	3.908	1960.231	2303.324	NA	NA	NA	1
ROS-007	2015	Rose Atoll	2015-03-17 23:55	-168.1687	191.8313	-14.5487	49.0	3.840	1955.283	2293.367	NA	NA	NA	1
ROS-008	2015	Rose Atoll	2015-03-19 02:35	-168.1535	191.8465	-14.5378	45.0	3.845	1961.500	2299.011	NA	NA	NA	1
ROS-009	2015	Rose Atoll	2015-03-19 00:09	-168.1603	191.8397	-14.5513	20.0	4.092	1928.844	2289.494	NA	NA	NA	1
ROS-019	2015	Rose Atoll	2015-03-17 22:51	-168.1681	191.8319	-14.5494	48.0	3.894	1960.148	2302.166	NA	NA	NA	1
ROS-023	2015	Rose Atoll	2015-03-18 01:44	-168.1724	191.8276	-14.5422	47.0	3.977	1948.019	2298.615	NA	NA	NA	1
ROS-025	2015	Rose Atoll	2015-03-16 19:34	-168.1535	191.8465	-14.5293	32.0	3.878	1965.410	2305.521	NA	NA	NA	1
ROS-530	2015	Rose Atoll	2015-03-18 21:03	-168.1626	191.8374	-14.5484	40.0	3.869	1954.305	2294.678	NA	NA	NA	1
ROS-607	2015	Rose Atoll	2015-03-19 22:15	-168.1640	191.8360	-14.5363	40.0	3.861	1955.238	2294.363	NA	NA	NA	1
ROS-627	2015	Rose Atoll	2015-03-16 23:21	-168.1449	191.8551	-14.5537	38.0	4.059	1955.684	2312.801	NA	NA	NA	1
ROS-732	2015	Rose Atoll	2015-03-17 22:17	-168.1625	191.8375	-14.5473	40.0	3.793	1963.410	2296.371	NA	NA	NA	1
SWA-001	2015	Swains Island	2015-02-19 22:30	-171.0812	188.9188	-11.0683	43.0	3.935	1952.535	2298.986	NA	NA	NA	1
SWA-003	2015	Swains Island	2015-02-20 20:40	-171.0915	188.9085	-11.0576	48.0	3.830	1956.613	2293.435	NA	NA	NA	1
SWA-007	2015	Swains Island	2015-02-15 22:56	-171.0659	188.9341	-11.0509	42.0	3.896	1954.805	2298.026	NA	NA	NA	1
SWA-008	2015	Swains Island	2015-02-19 02:20	-171.0770	188.9230	-11.0457	42.0	4.012	1947.843	2301.517	NA	NA	NA	1
SWA-016	2015	Swains Island	2015-02-19 20:42	-171.0922	188.9078	-11.0508	46.0	3.955	1950.394	2298.853	NA	NA	NA	1
SWA-040	2015	Swains Island	2015-02-20 00:38	-171.0622	188.9378	-11.0509	17.0	4.002	1946.384	2298.414	0.025	7.783	6.100	3
SWA-041	2015	Swains Island	2015-02-20 22:24	-171.0942	188.9058	-11.0600	17.3	3.990	1959.525	2312.066	0.067	9.589	15.082	3
SWA-546	2015	Swains Island	2015-02-19 00:40	-171.0922	188.9078	-11.0535	45.0	3.966	1951.001	2300.401	NA	NA	NA	1
TAU-002	2015	Ta'u	2015-03-23 20:37	-169.4464	190.5536	-14.2515	45.0	3.761	1971.069	2300.594	NA	NA	NA	1
TAU-004	2015	Ta'u	2015-03-15 21:27	-169.4399	190.5601	-14.2084	18.3	3.904	1965.566	2309.001	0.073	7.570	10.724	3
TAU-007	2015	Ta'u	2015-03-16 02:30	-169.4183	190.5817	-14.2274	48.0	3.872	1951.783	2291.548	NA	NA	NA	1
TAU-008	2015	Ta'u	2015-03-23 22:48	-169.4747	190.5253	-14.2626	45.0	3.823	1964.906	2300.003	NA	NA	NA	1
TAU-011	2015	Ta'u	2015-03-20 22:32	-169.5127	190.4873	-14.2171	41.0	3.947	1947.268	2294.042	NA	NA	NA	1
TAU-012	2015	Ta'u	2015-03-24 21:04	-169.5040	190.4960	-14.2585	18.7	3.982	1968.623	2321.261	0.073	18.225	27.528	3
TAU-626	2015	Ta'u	2015-03-20 22:50	-169.9343	190.0657	-14.2109	40.0	3.961	1950.415	2298.115	NA	NA	NA	1

Table A2 (cont'd).

REA_Site	Year	Island	UTCDateTime	Long.	Long360	Latitude	Depth .ft	mn. OmegaA	mn. snDIC	mn. snTA	sd. OmegaA	sd. snDIC	sd. snTA	N
TAU-736	2015	Ta'u	2015-03-24 14:56	-169.4972	190.5028	-14.2670	51.0	3.889	1952.182	2294.242	NA	NA	NA	1
TAU-738	2015	Ta'u	2015-03-24 00:53	-169.4297	190.5703	-14.2749	40.0	3.951	1949.454	2296.779	NA	NA	NA	1
TUT-001	2015	Tutuila	2015-03-02 20:07	-170.6379	189.3621	-14.2836	43.0	3.820	1959.356	2292.458	NA	NA	NA	1
TUT-002	2015	Tutuila	2015-03-01 01:50	-170.6072	189.3928	-14.2778	45.0	3.876	1942.589	2281.966	NA	NA	NA	1
TUT-005	2015	Tutuila	2015-03-03 20:45	-170.6232	189.3768	-14.2516	45.0	3.718	1960.442	2284.269	NA	NA	NA	1
TUT-006	2015	Tutuila	2015-02-18 00:54	-170.8318	189.1682	-14.3280	46.0	3.807	1954.699	2288.006	0.000	0.000	0.000	2
TUT-008	2015	Tutuila	2015-03-02 02:37	-170.7803	189.2197	-14.2918	45.0	3.846	1961.687	2297.001	NA	NA	NA	1
TUT-010	2015	Tutuila	2015-02-27 02:30	-170.6931	189.3069	-14.3109	39.0	3.773	1961.492	2290.845	NA	NA	NA	1
TUT-013	2015	Tutuila	2015-03-05 01:09	-170.7121	189.2879	-14.2606	49.0	3.950	1956.460	2301.783	NA	NA	NA	1
TUT-014	2015	Tutuila	2015-02-28 02:01	-170.6524	189.3476	-14.2533	48.0	3.883	1950.417	2290.667	NA	NA	NA	1
TUT-017	2015	Tutuila	2015-03-03 22:41	-170.5720	189.4280	-14.2461	43.0	3.780	1962.811	2292.210	NA	NA	NA	1
TUT-019	2015	Tutuila	2015-03-04 21:57	-170.7283	189.2717	-14.2832	51.0	3.795	1962.939	2293.838	NA	NA	NA	1
TUT-022	2015	Tutuila	2015-03-05 22:23	-170.7629	189.2371	-14.3658	40.0	3.742	1954.568	2281.672	NA	NA	NA	1
TUT-071	2015	Tutuila	2015-02-27 00:59	-170.7041	189.2959	-14.3365	53.0	3.887	1951.379	2291.545	NA	NA	NA	1
TUT-072	2015	Tutuila	2015-02-27 21:30	-170.6591	189.3409	-14.2414	17.0	3.958	1955.418	2301.755	0.037	1.042	2.234	3
TUT-073	2015	Tutuila	2015-02-28 22:15	-170.5643	189.4357	-14.2859	43.9	3.801	1962.128	2294.342	0.106	7.339	6.170	18
TUT-074	2015	Tutuila	2015-03-01 21:25	-170.8135	189.1865	-14.2915	17.7	3.913	1955.890	2298.067	0.053	1.449	4.145	3
TUT-075	2015	Tutuila	2015-03-06 19:59	-170.7640	189.2360	-14.3644	37.1	3.760	1961.315	2290.038	0.137	10.249	10.994	18
TUT-1525	2015	Tutuila	2015-03-04 00:34	-170.5589	189.4411	-14.2548	40.0	3.936	1951.147	2295.290	NA	NA	NA	1
TUT-1535	2015	Tutuila	2015-02-27 20:47	-170.6713	189.3287	-14.2489	48.0	3.892	1958.729	2299.474	NA	NA	NA	1
TUT-1628	2015	Tutuila	2015-03-04 23:58	-170.7804	189.2196	-14.2896	40.0	3.873	1955.687	2293.736	NA	NA	NA	1
TUT-1738	2015	Tutuila	2015-02-28 21:04	-170.5449	189.4551	-14.2806	48.0	3.947	1954.492	2299.780	NA	NA	NA	1
TUT-1795	2015	Tutuila	2015-03-28 23:41	-170.5465	189.4535	-14.2758	56.0	3.784	1962.158	2293.096	NA	NA	NA	1
TUT-1871	2015	Tutuila	2015-03-02 01:53	-170.6415	189.3585	-14.2887	45.0	3.566	1970.439	2279.930	NA	NA	NA	1
TUT-2080	2015	Tutuila	2015-03-06 22:07	-170.7879	189.2121	-14.3541	45.0	3.908	1953.043	2295.421	NA	NA	NA	1
TUT-2085	2015	Tutuila	2015-03-03 23:15	-170.6986	189.3014	-14.3331	45.0	3.850	1954.785	2292.032	NA	NA	NA	1
TUT-2095	2015	Tutuila	2015-03-07 23:15	-170.6811	189.3189	-14.3008	42.0	3.767	1963.599	2291.973	NA	NA	NA	1

Fish Appendix. Table A1. Site-level biomass densities (g m⁻²) are reported for: total fish, piscivores, planktivores, primary consumers (i.e., herbivores), secondary consumers, and for three different size classes (0-20 cm, 20-50 cm, and > 50 cm). In addition, each site's ID, date, reef zone (i.e., forereef, backreef, or lagoon), depth, and latitude/longitude are included. Lastly, percent hard coral cover and benthic substrate ratio [BSR = (hard coral + CCA) / (macroalgae + turf)] for each site are also reported. Table is sorted by SITE ID (OFU = Ofu & Olosega, ROS = Rose, SWA = Swains, TAU = Tau, TUT = Tutuila).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	> 50 cm	% HARD CORAL	BSR
OFU-00484	3/21/15	Forereef	19.5	-14.19280599	-169.6100522	2.56	2.55	17.83	2.54	25.48	15.92	9.55	0.00	28	3.00
OFU-00492	3/26/15	Forereef	20	-14.16253751	-169.686829	11.64	2.10	22.02	5.63	41.40	26.14	15.26	0.00	5	2.67
OFU-00503	3/26/15	Forereef	8.4	-14.18003348	-169.6797624	2.48	1.29	7.65	3.19	14.61	11.45	3.16	0.00	15	0.43
OFU-00509	3/25/15	Forereef	10.75	-14.15779386	-169.680023	3.43	10.05	43.09	3.60	60.18	43.04	8.82	8.32	28	5.60
OFU-00514	3/26/15	Forereef	8.95	-14.18879592	-169.6703777	1.34	2.20	2.70	4.20	10.43	9.95	0.49	0.00	8	0.17
OFU-00517	3/21/15	Forereef	12.25	-14.18187599	-169.6053833	2.19	1.89	21.52	4.06	29.66	20.29	9.37	0.00	15	3.50
OFU-00518	3/26/15	Forereef	13.95	-14.16908537	-169.6863853	6.35	18.56	17.51	6.19	48.61	31.79	10.00	6.83	40	4.71
OFU-00523	3/25/15	Forereef	7.5	-14.16481622	-169.6527834	5.65	2.01	80.28	15.66	103.60	35.71	37.11	30.78	13	0.47
OFU-00525	3/14/15	Forereef	5.5	-14.16807108	-169.608669	1.52	0.61	27.64	3.05	32.82	21.07	11.75	0.00	21	1.35
OFU-00529	3/21/15	Forereef	2.85	-14.15981616	-169.6091244	0.32	1.95	10.57	2.71	15.55	13.76	1.79	0.00	3	0.14
OFU-00532	3/13/15	Forereef	24	-14.16191256	-169.6643102	14.51	16.95	6.54	22.57	60.57	22.42	38.15	0.00	38	1.50
OFU-00535	3/25/15	Forereef	27.7	-14.16448236	-169.6440722	24.54	5.72	14.06	41.23	85.55	21.87	63.68	0.00	35	2.43
OFU-00537	3/21/15	Forereef	22.15	-14.18184137	-169.6026561	6.35	2.44	21.79	16.56	47.14	26.01	21.13	0.00	23	1.13
OFU-00540	3/14/15	Forereef	24.35	-14.1733008	-169.6419043	9.41	2.74	7.34	5.81	25.29	16.59	8.71	0.00	23	0.82
OFU-00547	3/13/15	Forereef	18.5	-14.16503423	-169.6537843	2.42	1.04	4.02	4.61	12.09	9.01	3.09	0.00	8	0.28
OFU-00551	3/25/15	Forereef	22	-14.16161223	-169.6337286	28.99	5.15	20.98	10.01	65.13	20.74	22.27	22.13	10	0.68
OFU-00554	3/13/15	Forereef	23.2	-14.15329219	-169.6777962	45.23	5.53	10.21	10.50	71.46	14.96	7.37	49.13	10	0.49
OFU-00556	3/14/15	Forereef	19.3	-14.1864655	-169.6618662	3.35	0.91	7.20	3.10	14.55	12.98	1.57	0.00	40	1.86
OFU-00557	3/26/15	Forereef	25.3	-14.17359525	-169.6866056	5.20	22.42	24.55	4.81	56.99	23.66	33.33	0.00	15	0.81
OFU-00559	3/21/15	Forereef	20.9	-14.17422918	-169.6341428	153.21	22.68	17.12	14.00	207.00	11.30	70.20	125.50	30	1.13
OFU-00561	3/25/15	Forereef	19.9	-14.16570746	-169.6284087	114.20	2.51	12.87	6.56	136.14	14.92	37.53	83.69	12	0.62
OFU-00564	3/14/15	Forereef	23.25	-14.18870221	-169.603487	6.26	0.93	6.70	5.04	18.94	12.51	6.43	0.00	45	3.00
OFU-00566	3/21/15	Forereef	21.45	-14.1610084	-169.60681	1.37	1.23	5.76	6.10	14.46	12.68	1.78	0.00	35	1.88

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
OFU-00568	3/13/15	Forereef	16.3	-14.16384635	-169.6584698	7.30	1.42	9.03	8.34	26.09	10.59	15.51	0.00	20	1.33
OFU-00570	3/26/15	Forereef	7.85	-14.17079729	-169.6852103	1.64	4.50	16.92	3.51	26.58	21.43	5.14	0.00	35	2.08
OFU-00571	3/21/15	Forereef	11.4	-14.17114816	-169.6081634	19.70	26.93	77.22	17.68	141.52	32.49	109.03	0.00	18	0.87
OFU-00572	3/14/15	Forereef	9.4	-14.17575711	-169.6066253	6.81	0.74	25.10	4.58	37.24	27.41	9.82	0.00	13	1.24
OFU-00575	3/26/15	Forereef	10.95	-14.18420607	-169.6577558	3.81	2.83	63.68	13.07	83.38	31.90	41.57	9.91	25	4.71
OFU-00577	3/14/15	Forereef	14.3	-14.15811162	-169.6078442	2.63	11.18	12.73	2.62	29.16	28.20	0.95	0.00	30	7.29
OFU-00578	3/25/15	Forereef	14.15	-14.15989193	-169.6196786	14.58	2.94	48.83	9.08	75.43	18.20	39.85	17.38	40	2.35
OFU-00579	3/21/15	Forereef	10.25	-14.16781249	-169.6078626	9.86	2.07	19.79	14.25	45.97	30.86	15.11	0.00	30	5.00
OFU-00580	3/25/15	Forereef	13.1	-14.15457638	-169.6178048	0.62	1.66	37.31	4.14	43.73	29.81	13.92	0.00	25	0.70
OFU-00582	3/25/15	Forereef	7.05	-14.16520849	-169.6487866	8.00	1.56	36.58	5.65	51.78	38.04	13.74	0.00	20	1.81
OFU-00588	3/14/15	Forereef	6.9	-14.18825151	-169.6204109	0.52	2.07	13.06	3.08	18.73	18.73	0.00	0.00	10	0.16
OFU-00590	3/21/15	Forereef	21.85	-14.18283144	-169.6259332	10.86	5.88	5.71	2.55	25.00	12.81	12.20	0.00	20	0.55
OFU-00591	3/13/15	Forereef	9.95	-14.16559028	-169.645157	3.44	2.41	17.05	1.78	24.69	21.07	3.62	0.00	9	1.27
OFU-00592	3/26/15	Forereef	8.75	-14.18763226	-169.6734441	3.00	2.88	22.77	4.14	32.79	25.44	7.35	0.00	40	7.00
OFU-00594	3/14/15	Forereef	10.3	-14.17543491	-169.6280599	63.92	4.95	37.21	11.01	117.10	16.92	83.75	16.43	35	3.38
OFU-00596	3/13/15	Forereef	14.45	-14.15954861	-169.6695895	66.80	11.64	32.92	15.03	126.39	17.89	30.31	78.19	23	1.92
OFU-00599	3/26/15	Forereef	14.4	-14.17490124	-169.6816432	5.30	5.13	19.26	6.20	35.90	27.12	6.28	2.51	35	2.03
OFU-00603	3/14/15	Forereef	10.05	-14.17625324	-169.6486137	3.40	3.97	52.41	5.27	65.06	19.17	45.89	0.00	18	3.11
OFU-00604	3/21/15	Forereef	17.15	-14.15186349	-169.6105979	1.98	1.75	19.76	2.50	25.99	10.07	14.29	1.63	7	0.15
OFU-00610	3/14/15	Forereef	8.6	-14.16456903	-169.6075751	4.21	2.03	25.09	4.12	35.45	23.53	11.92	0.00	18	2.25
OFU-00614	3/25/15	Forereef	8.15	-14.16005244	-169.6831507	2.16	2.76	39.11	4.21	48.24	35.78	12.46	0.00	28	3.06
OFU-00616	3/21/15	Forereef	11.3	-14.18900371	-169.6084389	1.76	0.94	29.49	5.38	37.57	31.75	5.81	0.00	13	1.13
OFU-00619	3/26/15	Forereef	2.85	-14.17807513	-169.6799459	3.40	0.46	113.45	12.14	129.44	32.66	96.78	0.00	8	0.43
OFU-00620	3/25/15	Forereef	2.7	-14.16618749	-169.6281971	4.98	1.93	88.21	7.65	102.77	26.73	53.89	22.15	5	0.89
OFU-00624	3/25/15	Forereef	4.45	-14.16326146	-169.6648446	7.79	1.48	67.80	3.80	80.87	43.97	26.78	10.13	4	1.35
OFU-00625	3/13/15	Forereef	5.8	-14.16558475	-169.629337	5.95	3.95	58.37	18.77	87.04	19.68	38.65	28.71	25	2.55

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
OFU-00630	3/21/15	Forereef	3.65	-14.15803391	-169.6089027	0.06	1.13	7.40	2.31	10.91	10.91	0.00	0.00	4	0.25
OFU-00631	3/21/15	Forereef	4.1	-14.15477252	-169.6106401	0.31	0.85	8.74	1.83	11.73	11.73	0.00	0.00	4	0.34
ROS-00380	3/19/15	Forereef	23.45	-14.53868229	-168.1457517	10.48	6.20	5.40	4.02	26.09	17.90	8.19	0.00	10	0.72
ROS-00385	3/19/15	Forereef	19.55	-14.53547093	-168.1617234	6.07	6.24	11.38	1.47	25.16	21.82	3.34	0.00	15	2.33
ROS-00390	3/16/15	Forereef	26.95	-14.54628526	-168.1383838	12.33	56.68	3.88	3.62	76.51	13.00	56.91	6.60	24	1.65
ROS-00391	3/17/15	Lagoon	21.5	-14.54573432	-168.1607003	21.46	3.97	1.34	20.00	46.76	9.30	17.91	19.56	9	0.94
ROS-00392	3/17/15	Backreef	1.25	-14.54636062	-168.1648459	30.00	0.01	8.95	6.77	45.74	12.55	4.78	28.40	1	0.02
ROS-00393	3/17/15	Forereef	15.8	-14.53166345	-168.1563644	3.03	6.88	24.70	1.73	36.34	22.45	6.04	7.85	15	3.18
ROS-00394	3/16/15	Forereef	3.6	-14.5413655	-168.1723151	3.53	6.09	45.47	7.24	62.33	33.19	29.14	0.00	8	12.27
ROS-00395	3/18/15	Forereef	23.55	-14.53797871	-168.1718668	3.82	4.33	12.65	4.41	25.21	17.95	7.25	0.00	10	4.14
ROS-00397	3/18/15	Forereef	13.2	-14.53640769	-168.1642824	0.93	15.08	9.76	1.99	27.76	26.77	0.99	0.00	8	1.35
ROS-00398	3/17/15	Backreef	1.65	-14.54701507	-168.1479369	0.26	0.75	0.32	4.77	6.10	3.85	2.25	0.00	3	0.06
ROS-00400	3/16/15	Forereef	22.5	-14.55783259	-168.1527042	31.93	9.67	4.11	2.28	47.99	9.10	14.89	24.00	38	2.50
ROS-00403	3/17/15	Backreef	1.1	-14.55313873	-168.1601232	3.42	0.96	0.72	5.06	10.16	6.74	3.42	0.00	1	0.08
ROS-00404	3/16/15	Forereef	4.95	-14.54603347	-168.1702295	1.31	9.74	28.98	5.93	45.96	39.32	6.64	0.00	6	23.25
ROS-00406	3/17/15	Backreef	6.65	-14.54775369	-168.1632396	48.55	0.23	1.75	20.39	70.92	3.38	40.21	27.33	3	0.03
ROS-00408	3/17/15	Lagoon	12.45	-14.54194721	-168.1488419	1.82	4.05	5.33	11.85	23.05	13.18	8.76	1.10	3	0.12
ROS-00409	3/19/15	Forereef	5.75	-14.55933471	-168.1557296	12.94	5.52	19.64	5.31	43.41	21.86	10.82	10.72	20	1.05
ROS-00411	3/16/15	Forereef	13.95	-14.54094691	-168.1727545	4.51	1.99	20.33	4.33	31.16	19.90	11.26	0.00	10	9.72
ROS-00412	3/17/15	Lagoon	17.9	-14.54249136	-168.152167	1.55	1.59	2.68	12.89	18.73	6.77	11.96	0.00	4	0.08
ROS-00419	3/16/15	Forereef	5	-14.53492317	-168.1482059	2.25	4.37	9.61	2.16	18.39	15.11	3.28	0.00	8	8.24
ROS-00420	3/19/15	Forereef	23.05	-14.53393218	-168.1480696	2.19	10.30	13.06	2.54	28.09	20.04	1.22	6.83	20	4.57
ROS-00421	3/18/15	Lagoon	19.1	-14.54254802	-168.1611187	1.87	1.67	1.09	4.63	9.26	7.60	1.65	0.00	4	1.00
ROS-00422	3/19/15	Forereef	13.45	-14.55211504	-168.1404617	1.42	7.77	7.88	3.82	20.89	13.77	7.12	0.00	15	3.19
ROS-00425	3/19/15	Forereef	25.4	-14.52811045	-168.1510822	7.41	9.65	11.17	12.36	40.60	12.78	27.82	0.00	28	2.13
ROS-00427	3/17/15	Lagoon	11.8	-14.55250782	-168.1545226	4.35	1.19	2.29	4.50	12.32	5.69	6.64	0.00	20	0.83

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
ROS-00428	3/16/15	Forereef	15.8	-14.53496894	-168.1605054	5.16	1.88	32.89	8.44	48.37	28.63	19.74	0.00	8	4.71
ROS-00430	3/18/15	Forereef	25.25	-14.55480765	-168.1645721	7.60	13.96	5.87	3.64	31.07	11.97	19.11	0.00	20	1.44
ROS-00434	3/19/15	Forereef	3.95	-14.54597295	-168.1401715	42.81	7.41	14.77	4.60	69.59	17.73	13.05	38.81	23	5.86
ROS-00437	3/19/15	Forereef	13.65	-14.55933471	-168.1557296	19.64	9.57	12.83	5.00	47.04	23.56	11.10	12.38	15	2.00
ROS-00439	3/17/15	Forereef	5.25	-14.53277615	-168.1489093	26.82	1.98	8.27	1.81	38.88	9.83	5.11	23.93	28	7.00
ROS-00440	3/19/15	Forereef	29.15	-14.53611357	-168.1655168	15.95	7.10	13.47	6.71	43.24	16.41	26.83	0.00	30	2.96
ROS-00441	3/16/15	Forereef	9.6	-14.55452157	-168.1457225	14.19	3.67	6.96	4.11	28.93	13.64	4.57	10.72	20	1.86
ROS-00447	3/18/15	Forereef	13	-14.53959969	-168.156742	4.10	0.68	1.49	1.63	7.90	4.24	3.65	0.00	1	0.02
ROS-00461	3/19/15	Forereef	11.4	-14.5450522	-168.1410408	6.85	9.00	10.93	7.18	33.95	15.92	18.03	0.00	25	2.60
ROS-00471	3/19/15	Forereef	15.6	-14.5569286	-168.1513451	3.69	4.09	9.26	6.95	24.00	17.43	6.58	0.00	20	4.10
ROS-00475	3/17/15	Forereef	9.55	-14.53283809	-168.1486117	21.80	18.73	24.41	20.56	85.50	17.56	41.90	26.04	25	1.86
ROS-00478	3/16/15	Forereef	22.55	-14.52897211	-168.1541422	17.90	21.17	10.76	2.78	52.62	27.51	10.85	14.27	25	7.00
ROS-00479	3/18/15	Backreef	8.45	-14.55159168	-168.159639	6.86	1.08	28.13	44.79	80.86	22.77	58.09	0.00	20	1.14
ROS-00480	3/16/15	Forereef	13.3	-14.54137045	-168.1443634	4.79	3.82	5.07	4.88	18.57	10.31	8.25	0.00	28	1.92
ROS-00486	3/16/15	Forereef	10.15	-14.52975129	-168.1501716	1.49	2.31	3.87	3.88	11.56	9.40	2.15	0.00	30	10.00
ROS-00489	3/16/15	Forereef	11.45	-14.55740847	-168.16203	20.73	10.07	8.65	7.69	47.15	18.87	28.28	0.00	20	7.00
ROS-00490	3/18/15	Forereef	17.6	-14.55412033	-168.1649779	2.46	4.19	5.15	1.30	13.12	12.71	0.41	0.00	15	1.50
ROS-00494	3/19/15	Forereef	12.5	-14.56050273	-168.15845	3.64	0.51	7.57	4.04	15.76	10.34	5.43	0.00	18	4.71
ROS-00495	3/17/15	Forereef	12.25	-14.52931182	-168.1519601	0.36	0.53	6.80	1.89	9.59	9.59	0.00	0.00	35	4.05
ROS-00501	3/18/15	Forereef	10.5	-14.54535093	-168.171063	4.66	6.73	29.29	11.11	51.79	15.06	30.07	6.66	15	2.08
ROS-00502	3/17/15	Forereef	10.3	-14.54957549	-168.1680349	1.23	5.45	33.23	5.53	45.45	28.91	16.53	0.00	8	0.74
ROS-00503	3/19/15	Forereef	13.15	-14.54834998	-168.1373351	10.99	24.85	10.01	6.67	52.52	25.16	27.35	0.00	9	0.95
ROS-00504	3/18/15	Forereef	11.05	-14.5384341	-168.1720766	2.18	3.50	36.10	5.08	46.86	39.46	7.40	0.00	10	3.44
SWA-00406	2/15/15	Forereef	18.2	-11.04623158	-171.0806647	12.62	10.03	1.98	1.79	26.41	8.22	10.61	7.58	12	0.87
SWA-00407	2/19/15	Forereef	21.1	-11.05343968	-171.0925737	450.72	15.87	5.53	1.32	473.45	20.55	10.78	442.12	28	1.00
SWA-00412	2/18/15	Forereef	24.55	-11.05229421	-171.0646045	15.33	45.80	4.02	3.81	68.95	11.71	57.24	0.00	15	0.38

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
SWA-00414	2/19/15	Forereef	4.7	-11.04719952	-171.08477748	23.83	10.26	8.19	11.30	53.58	16.32	18.84	18.41	35	4.71
SWA-00415	2/20/15	Forereef	20.75	-11.04673147	-171.0840072	9.04	32.89	13.05	6.59	61.56	13.59	47.97	0.00	25	0.95
SWA-00416	2/19/15	Forereef	13.1	-11.04612093	-171.0699623	10.22	5.21	9.76	1.92	27.11	12.31	14.79	0.00	58	2.18
SWA-00418	2/15/15	Forereef	21.25	-11.04572992	-171.0705	3.69	11.62	4.10	4.59	24.00	14.01	9.99	0.00	25	0.72
SWA-00422	2/19/15	Forereef	12.6	-11.0481543	-171.0895477	3.48	9.39	2.97	4.00	19.84	16.54	3.30	0.00	63	3.62
SWA-00427	2/18/15	Forereef	21.5	-11.06705189	-171.083549	7.68	7.97	8.26	3.47	27.39	16.38	11.00	0.00	19	0.50
SWA-00429	2/15/15	Forereef	4.3	-11.04571098	-171.0775275	5.48	28.58	11.04	5.60	50.70	29.25	21.45	0.00	33	1.41
SWA-00437	2/19/15	Forereef	8.95	-11.06366853	-171.0709938	15.71	22.05	9.14	15.15	62.06	35.47	26.59	0.00	15	0.74
SWA-00439	2/15/15	Forereef	18.65	-11.06394522	-171.0716356	19.76	64.40	7.27	11.41	102.84	20.75	75.17	6.92	65	3.65
SWA-00440	2/19/15	Forereef	13.95	-11.04782757	-171.0681579	29.79	11.79	5.61	6.43	53.62	23.37	29.22	1.04	19	0.36
SWA-00443	2/18/15	Forereef	13.35	-11.05015757	-171.0662867	3.79	10.31	6.23	1.50	21.83	12.40	9.43	0.00	23	0.58
SWA-00444	2/19/15	Forereef	4.5	-11.04558189	-171.0722801	9.87	24.58	4.37	4.17	42.99	26.58	16.41	0.00	35	2.08
SWA-00445	2/19/15	Forereef	20.9	-11.06488508	-171.0724113	12.65	9.73	4.85	4.65	31.87	14.39	17.49	0.00	10	0.73
SWA-00446	2/15/15	Forereef	13.85	-11.06202794	-171.0892082	3.91	5.83	1.56	2.93	14.23	11.86	2.37	0.00	35	1.09
SWA-00449	2/15/15	Forereef	12.05	-11.06645711	-171.0749472	4.08	15.41	16.00	7.84	43.32	21.95	11.72	9.64	65	3.98
SWA-00450	2/20/15	Forereef	4.85	-11.05880845	-171.0907219	4.68	3.92	17.75	5.81	32.16	21.43	10.73	0.00	58	3.88
SWA-00455	2/15/15	Forereef	12	-11.0500383	-171.091611	7.15	2.82	2.85	5.07	17.89	10.18	7.71	0.00	78	4.13
SWA-00461	2/19/15	Forereef	14.95	-11.05537556	-171.0638459	10.35	3.04	4.43	2.45	20.26	11.42	8.84	0.00	20	0.55
SWA-00467	2/20/15	Forereef	12.1	-11.06835737	-171.079236	4.45	10.76	8.26	2.78	26.25	18.87	7.38	0.00	15	0.41
SWA-00470	2/20/15	Forereef	13.95	-11.0662453	-171.0844488	42.64	14.27	4.33	2.42	63.66	13.00	29.47	21.20	43	1.42
SWA-00474	2/15/15	Forereef	5.1	-11.06127483	-171.0681867	4.97	113.00	5.03	10.32	133.32	26.29	107.03	0.00	67	4.41
SWA-00481	2/19/15	Forereef	5.8	-11.06797029	-171.0818587	3.49	5.05	2.02	2.73	13.28	10.62	2.66	0.00	29	1.08
SWA-00482	2/18/15	Forereef	13.4	-11.05832842	-171.0913501	422.26	2.94	5.54	1.77	432.51	10.56	2.31	419.64	38	1.43
SWA-00483	2/15/15	Forereef	5.3	-11.04525081	-171.0756188	3.94	8.67	12.14	5.78	30.53	16.19	14.34	0.00	18	0.90
SWA-00485	2/15/15	Forereef	5.8	-11.05592198	-171.0919352	12.79	2.87	4.56	3.24	23.46	11.99	0.62	10.85	58	2.90
SWA-00489	2/18/15	Forereef	5	-11.05882228	-171.0658722	11.46	16.64	2.88	2.61	33.59	22.93	2.44	8.21	33	1.30

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
SWA-00493	2/20/15	Forereef	5.1	-11.0605746	-171.089586	7.30	1.49	12.82	2.21	23.83	10.87	12.96	0.00	30	1.35
SWA-00499	2/15/15	Forereef	3.55	-11.04723983	-171.0690342	18.02	12.03	6.79	4.14	40.98	23.34	17.64	0.00	18	0.93
SWA-00675	2/19/15	Forereef	4.1	-11.05305025	-171.0645715	3.79	11.55	6.35	8.01	29.71	21.59	8.12	0.00	33	2.08
TAU-00447	3/20/15	Forereef	9.4	-14.21339077	-169.5083394	3.52	2.70	26.19	9.01	41.42	17.72	23.70	0.00	13	0.33
TAU-00451	3/15/15	Forereef	4.75	-14.21240397	-169.4355422	5.64	0.29	50.01	3.07	59.00	17.38	6.86	34.76	15	1.22
TAU-00452	3/24/15	Forereef	24.35	-14.25818215	-169.4711734	6.61	1.45	10.63	2.55	21.24	7.47	13.77	0.00	28	1.62
TAU-00453	3/23/15	Forereef	14.85	-14.2562067	-169.420216	1.57	1.24	12.79	1.51	17.10	15.70	1.40	0.00	25	1.40
TAU-00454	3/20/15	Forereef	5.4	-14.2107462	-169.4515328	1.91	3.61	21.14	4.45	31.11	19.98	11.13	0.00	25	0.69
TAU-00455	3/15/15	Forereef	25	-14.21074854	-169.4453203	8.73	4.04	7.03	6.76	26.56	9.43	17.13	0.00	18	1.00
TAU-00456	3/20/15	Forereef	10.25	-14.21458754	-169.4877435	1.64	1.25	9.63	3.21	15.73	11.97	3.76	0.00	28	0.50
TAU-00457	3/24/15	Forereef	5.15	-14.23352377	-169.5174418	13.92	6.08	12.25	3.47	35.73	18.89	3.97	12.87	18	0.80
TAU-00460	3/20/15	Forereef	4.55	-14.21503572	-169.483119	1.63	0.40	6.83	1.41	10.26	9.24	1.02	0.00	8	0.12
TAU-00461	3/20/15	Forereef	19.7	-14.21126696	-169.4366751	11.06	9.74	18.20	13.33	52.33	18.58	26.26	7.48	9	0.27
TAU-00462	3/23/15	Forereef	11.65	-14.26301206	-169.4751756	4.67	12.28	26.66	7.14	50.76	20.99	29.77	0.00	28	1.35
TAU-00463	3/20/15	Forereef	5.4	-14.2166691	-169.4990557	0.46	0.61	13.52	3.72	18.30	15.52	2.78	0.00	23	0.43
TAU-00465	3/23/15	Forereef	8.1	-14.25806263	-169.4723114	1.09	1.06	12.25	3.72	18.13	16.05	2.08	0.00	10	0.20
TAU-00470	3/24/15	Forereef	23	-14.22991117	-169.5196252	18.89	2.40	12.24	5.36	38.89	11.44	16.31	11.13	2	0.12
TAU-00473	3/15/15	Forereef	20.1	-14.21506623	-169.4922461	3.72	0.83	28.78	6.33	39.66	14.43	18.57	6.66	18	1.36
TAU-00474	3/15/15	Forereef	11.75	-14.21048007	-169.4567831	0.57	6.51	11.48	4.28	22.84	14.83	8.02	0.00	15	0.33
TAU-00476	3/20/15	Forereef	21.85	-14.20949277	-169.4283255	10.33	1.27	55.08	30.21	96.89	24.40	59.51	12.99	2	0.12
TAU-00477	3/23/15	Forereef	13.65	-14.24345414	-169.4186545	1.86	7.66	20.98	6.33	36.83	21.33	15.51	0.00	25	2.07
TAU-00479	3/24/15	Forereef	22.5	-14.24402906	-169.5094278	15.37	26.01	17.29	14.49	73.15	19.68	43.35	10.13	20	0.63
TAU-00484	3/24/15	Forereef	4.55	-14.21900832	-169.5142711	0.44	0.34	12.23	2.74	15.75	13.06	2.69	0.00	16	0.21
TAU-00485	3/20/15	Forereef	20.05	-14.21295634	-169.4798515	3.04	1.20	30.90	7.07	42.21	15.80	11.91	14.51	15	0.89
TAU-00486	3/20/15	Forereef	13.8	-14.21191958	-169.4632942	5.65	0.94	17.60	4.57	28.75	14.11	14.63	0.00	25	0.50
TAU-00489	3/23/15	Forereef	9.25	-14.25524631	-169.4703346	1.72	5.37	20.08	3.40	30.57	23.21	7.36	0.00	15	0.71

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TAU-00490	3/20/15	Forereef	23.85	-14.23419306	-169.4181529	1.81	1.63	17.52	2.19	23.15	9.93	13.23	0.00	35	1.11
TAU-00491	3/24/15	Forereef	8.45	-14.24836275	-169.5046515	0.32	1.69	16.85	2.03	20.89	7.94	0.00	12.95	33	1.08
TAU-00492	3/24/15	Forereef	23.25	-14.27280312	-169.4834487	4.72	7.72	31.57	11.28	55.30	28.09	18.03	9.17	10	0.55
TAU-00494	3/23/15	Forereef	19.75	-14.25023477	-169.4620724	14.81	19.44	6.22	23.56	64.03	12.59	31.14	20.29	18	0.38
TAU-00496	3/23/15	Forereef	23.6	-14.25851491	-169.4207828	7.14	1.02	11.17	7.36	26.69	12.62	14.08	0.00	30	1.91
TAU-00497	3/23/15	Forereef	9	-14.258	-169.43568	0.29	1.02	3.42	2.03	6.76	6.76	0.00	0.00	15	0.29
TAU-00499	3/24/15	Forereef	9	-14.22406848	-169.5195418	1.15	0.29	6.23	3.54	11.21	8.67	2.53	0.00	1	0.01
TAU-00501	3/23/15	Forereef	8	-14.2497295	-169.4567063	4.57	3.24	69.78	15.09	92.68	22.57	70.11	0.00	13	0.30
TAU-00505	3/20/15	Forereef	10.15	-14.21541341	-169.5021103	0.52	4.44	12.76	5.58	23.29	11.94	11.36	0.00	18	0.38
TAU-00509	3/15/15	Forereef	9.75	-14.21482491	-169.422205	5.75	2.03	24.32	3.53	35.62	17.61	6.94	11.07	33	1.71
TAU-00511	3/24/15	Forereef	9.2	-14.23973886	-169.5141146	1.13	1.69	2.23	3.17	8.22	7.73	0.49	0.00	40	1.22
TAU-00513	3/15/15	Forereef	11.2	-14.21438889	-169.4689957	1.19	2.78	17.25	13.41	34.64	18.00	16.64	0.00	20	0.77
TAU-00517	3/23/15	Forereef	7.25	-14.2537016	-169.4436427	0.85	4.29	69.32	3.36	77.82	12.82	26.37	38.63	15	0.31
TAU-00519	3/15/15	Forereef	8.35	-14.21248318	-169.4446263	5.96	9.29	15.50	11.94	42.68	19.11	23.57	0.00	50	3.00
TAU-00523	3/23/15	Forereef	10.6	-14.24969095	-169.4502285	3.51	0.75	31.82	3.19	39.27	11.66	27.61	0.00	45	1.33
TAU-00524	3/15/15	Forereef	23.85	-14.21546378	-169.4180834	15.34	4.27	24.63	5.59	49.83	16.95	26.22	6.66	23	3.44
TAU-00526	3/20/15	Forereef	24.25	-14.24411648	-169.4178162	2.04	3.29	6.51	1.99	13.83	11.81	2.02	0.00	30	1.05
TAU-00527	3/20/15	Forereef	8.45	-14.21439995	-169.474428	3.84	9.96	14.51	23.47	51.78	17.49	24.66	9.64	48	3.60
TAU-00530	3/20/15	Forereef	19.1	-14.21257806	-169.4657847	6.48	9.71	21.67	5.09	42.95	11.99	15.26	15.70	13	0.45
TAU-00562	3/15/15	Forereef	13.2	-14.21448209	-169.482513	5.67	1.37	47.96	6.27	61.26	19.74	15.69	25.83	23	0.90
TUT-01001	3/12/15	Forereef	10.6	-14.30696022	-170.6876789	0.95	25.52	11.21	5.97	43.64	40.33	3.30	0.00	5	0.73
TUT-01003	3/7/15	Forereef	21.75	-14.31085831	-170.6423921	7.12	126.44	27.34	39.69	200.59	21.79	170.96	7.85	2	0.59
TUT-01005	2/28/15	Forereef	5.65	-14.2833194	-170.6064807	0.29	0.58	32.22	3.82	36.91	25.58	11.33	0.00	45	1.18
TUT-01006	3/4/15	Forereef	23.35	-14.28800253	-170.7806056	4.06	5.13	7.87	3.34	20.41	10.92	9.49	0.00	2	0.05
TUT-01009	3/3/15	Forereef	23.6	-14.25567378	-170.5938797	0.31	2.30	5.52	2.80	10.93	6.07	4.86	0.00	5	0.17
TUT-01010	2/27/15	Forereef	4.9	-14.25738696	-170.5882545	3.82	1.85	17.28	4.66	27.61	21.14	6.48	0.00	35	1.31

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TUT-01015	3/28/15	Forereef	25.5	-14.27832395	-170.5359025	1.50	0.91	3.95	4.34	10.69	6.29	4.41	0.00	2	0.05
TUT-01016	3/28/15	Forereef	9.1	-14.27857289	-170.5488229	2.30	1.49	7.31	9.61	20.70	15.55	5.15	0.00	6	0.06
TUT-01017	3/28/15	Forereef	5.45	-14.28394234	-170.5452819	0.07	3.59	2.34	2.80	8.80	8.80	0.00	0.00	1	0.02
TUT-01018	2/26/15	Forereef	21	-14.32290922	-170.697461	0.47	0.45	10.42	2.42	13.76	7.80	5.96	0.00	10	0.30
TUT-01021	3/30/15	Forereef	26.5	-14.30524738	-170.6404187	1.64	1.05	4.23	1.41	8.34	7.57	0.77	0.00	1	0.21
TUT-01023	3/2/15	Forereef	2.55	-14.27295358	-170.5678814	0.30	1.33	4.72	5.30	11.65	11.65	0.00	0.00	50	2.37
TUT-01024	3/4/15	Forereef	28.5	-14.27826268	-170.7388318	2.57	118.05	17.95	4.44	143.01	44.07	98.94	0.00	3	0.07
TUT-01025	3/1/15	Forereef	10.7	-14.30076188	-170.8233131	2.72	7.00	12.46	4.77	26.96	22.65	4.31	0.00	45	3.13
TUT-01026	3/4/15	Forereef	4.35	-14.29233262	-170.7932891	42.51	0.18	16.61	3.64	62.93	12.31	50.62	0.00	13	0.21
TUT-01028	2/27/15	Forereef	13.85	-14.2546475	-170.6077499	1.08	1.60	7.69	21.94	32.31	23.08	9.23	0.00	35	2.00
TUT-01031	2/17/15	Forereef	13.8	-14.36394006	-170.7681318	3.46	1.90	27.70	4.08	37.14	24.49	12.65	0.00	15	1.29
TUT-01032	2/17/15	Forereef	4.2	-14.36688571	-170.7626392	0.44	0.57	22.38	4.65	28.03	25.99	2.05	0.00	20	1.22
TUT-01035	3/29/15	Forereef	5.45	-14.28632355	-170.5460188	3.33	0.57	1.79	2.36	8.06	3.94	4.11	0.00	1	0.02
TUT-01037	3/7/15	Forereef	12.65	-14.33112072	-170.6963373	2.98	1.88	5.39	2.58	12.82	10.59	2.23	0.00	15	1.03
TUT-01040	3/2/15	Forereef	13.65	-14.29553208	-170.5602007	1.17	2.35	3.35	2.62	9.49	9.16	0.33	0.00	23	0.39
TUT-01043	3/1/15	Forereef	12.1	-14.28764462	-170.7819871	11.63	4.42	17.83	41.21	75.09	16.14	12.24	46.71	23	0.67
TUT-01044	3/1/15	Forereef	3.2	-14.31777346	-170.8378196	2.63	3.14	28.13	34.91	68.81	48.75	20.05	0.00	50	2.33
TUT-01046	2/27/15	Forereef	9.6	-14.25527698	-170.6526074	1.37	1.43	4.00	2.14	8.93	7.81	1.12	0.00	10	0.16
TUT-01047	3/3/15	Forereef	3.95	-14.24734971	-170.5718698	2.59	0.13	22.40	3.86	28.97	20.75	8.22	0.00	13	0.25
TUT-01050	3/5/15	Forereef	3.8	-14.36267448	-170.7632905	6.07	3.41	18.93	8.98	37.39	22.89	14.50	0.00	70	19.00
TUT-01052	3/29/15	Forereef	13.25	-14.27995616	-170.5464494	0.41	1.28	6.80	7.21	15.70	9.66	6.03	0.00	23	0.29
TUT-01053	3/29/15	Forereef	4.75	-14.27851958	-170.5497621	0.00	2.42	6.87	1.61	10.90	7.77	3.13	0.00	4	0.12
TUT-01055	2/26/15	Forereef	9.5	-14.33712937	-170.7089822	0.81	1.80	9.55	3.81	15.98	13.78	2.20	0.00	30	0.81
TUT-01057	3/2/15	Forereef	24.25	-14.29523444	-170.5671001	0.39	6.64	3.05	1.40	11.48	11.17	0.31	0.00	2	0.07
TUT-01060	3/4/15	Forereef	26.65	-14.29868678	-170.8164448	0.20	0.26	0.73	1.92	3.12	3.12	0.00	0.00	1	0.02
TUT-01062	3/1/15	Forereef	4.25	-14.29200682	-170.7732862	0.64	0.10	9.61	4.52	14.86	12.29	2.57	0.00	18	0.24

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TUT-01064	2/27/15	Forereef	11.8	-14.25386187	-170.596067	12.41	9.66	9.41	4.61	36.09	20.25	7.63	8.21	20	0.43
TUT-01065	3/3/15	Forereef	4.7	-14.24690162	-170.5786517	0.18	0.58	29.48	4.11	34.35	28.44	5.91	0.00	33	0.95
TUT-01067	3/6/15	Forereef	13.15	-14.36863393	-170.7627802	3.47	11.46	14.76	8.35	38.03	23.31	14.72	0.00	40	2.79
TUT-01069	3/3/15	Forereef	21.5	-14.27730655	-170.5383293	0.67	4.07	3.59	2.64	10.97	10.15	0.82	0.00	7	0.07
TUT-01071	3/28/15	Forereef	4.6	-14.27967737	-170.5486776	1.46	0.82	19.84	5.37	27.49	17.00	10.49	0.00	1	0.03
TUT-01072	3/27/15	Forereef	25.3	-14.34344388	-170.7184548	3.49	1.10	16.56	8.40	29.55	16.81	12.73	0.00	6	0.87
TUT-01073	3/27/15	Forereef	9.55	-14.33630928	-170.7041501	0.25	2.86	12.60	5.32	21.03	16.16	4.87	0.00	28	0.77
TUT-01075	3/2/15	Forereef	24.15	-14.31463578	-170.6546107	1.09	6.93	6.16	0.94	15.12	14.71	0.41	0.00	1	0.31
TUT-01077	3/3/15	Forereef	4.05	-14.27114502	-170.5647221	2.28	9.50	19.60	3.31	34.69	18.39	16.30	0.00	16	0.90
TUT-01079	3/4/15	Forereef	10.7	-14.28069745	-170.7316797	1.07	0.76	16.23	5.08	23.14	13.69	9.46	0.00	63	1.80
TUT-01081	2/27/15	Forereef	26.5	-14.24473406	-170.6617562	23.66	1.19	20.25	9.20	54.30	21.19	15.86	17.26	38	1.09
TUT-01088	3/28/15	Forereef	15.4	-14.27702383	-170.5461749	1.11	1.97	20.55	5.30	28.93	20.55	8.38	0.00	10	0.26
TUT-01090	3/27/15	Forereef	22	-14.35340686	-170.7294308	82.26	12.88	15.28	4.27	114.69	20.66	20.06	73.97	5	0.52
TUT-01091	3/5/15	Forereef	14.5	-14.35936564	-170.7837412	1.21	0.85	19.85	7.09	29.00	23.80	5.20	0.00	33	2.55
TUT-01094	3/3/15	Forereef	13	-14.27632151	-170.5760369	7.55	10.35	22.75	12.99	53.64	28.77	24.87	0.00	33	2.64
TUT-01095	3/2/15	Forereef	4.1	-14.2831396	-170.5982061	0.26	2.89	15.13	4.65	22.92	22.92	0.00	0.00	10	0.68
TUT-01096	3/1/15	Forereef	22.9	-14.2665835	-170.7712204	7.88	105.87	34.13	4.89	152.78	92.49	60.29	0.00	5	0.45
TUT-01098	3/1/15	Forereef	4.65	-14.29242902	-170.8023886	1.16	0.32	10.45	3.76	15.70	14.51	1.19	0.00	18	0.33
TUT-01099	2/27/15	Forereef	12	-14.24523437	-170.6712226	0.78	1.94	25.96	1.70	30.38	16.91	13.47	0.00	13	0.23
TUT-01100	3/3/15	Forereef	9.65	-14.2453969	-170.5740322	0.37	0.50	7.02	2.42	10.31	6.37	3.94	0.00	22	0.42
TUT-01102	3/5/15	Forereef	24.55	-14.36607175	-170.7638888	2.41	1.10	9.11	3.86	16.48	12.25	4.23	0.00	28	1.17
TUT-01103	3/6/15	Forereef	11.85	-14.36657223	-170.7630362	1.19	1.82	10.24	2.49	15.74	12.64	3.11	0.00	38	2.18
TUT-01106	3/29/15	Forereef	12.5	-14.27903046	-170.5473913	1.07	0.95	2.93	4.77	9.72	8.51	1.20	0.00	13	0.15
TUT-01109	3/27/15	Forereef	9.1	-14.33440089	-170.7012029	0.35	1.04	6.82	3.57	11.79	11.79	0.00	0.00	18	0.35
TUT-01110	3/6/15	Forereef	3.75	-14.33655119	-170.7943785	1.35	1.19	19.66	3.98	26.18	20.80	5.38	0.00	40	2.14
TUT-01111	3/28/15	Forereef	28.5	-14.2903814	-170.5452216	677.66	44.98	21.06	11.70	755.41	20.87	49.47	685.07	30	1.75

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TUT-01112	3/3/15	Forereef	12.35	-14.26408871	-170.5618967	1.71	11.46	12.66	2.71	28.54	24.77	3.77	0.00	33	1.40
TUT-01114	3/1/15	Forereef	24.5	-14.28939384	-170.7909949	1.16	0.98	6.68	3.00	11.83	11.83	0.00	0.00	1	0.05
TUT-01115	3/4/15	Forereef	13.75	-14.25808802	-170.7037365	6.92	5.07	11.54	4.65	28.18	11.62	16.56	0.00	55	1.36
TUT-01117	2/27/15	Forereef	23.05	-14.2497031	-170.6578363	1.37	2.28	14.84	2.97	21.47	9.87	11.60	0.00	33	1.46
TUT-01124	3/29/15	Forereef	29.85	-14.2775656	-170.5140659	22.70	68.69	28.60	9.00	129.00	15.89	105.70	7.41	7	0.18
TUT-01126	3/7/15	Forereef	24.25	-14.33598356	-170.7019888	1.23	2.57	14.01	1.62	19.42	15.84	3.58	0.00	6	0.27
TUT-01128	3/27/15	Forereef	4.55	-14.35969672	-170.7817442	1.51	4.38	15.08	5.39	26.36	18.86	7.50	0.00	13	1.17
TUT-01131	2/28/15	Forereef	3.1	-14.27502039	-170.5752413	0.06	0.37	12.95	2.22	15.61	15.61	0.00	0.00	30	0.74
TUT-01133	3/4/15	Forereef	9.6	-14.241373	-170.6788504	1.57	1.55	12.59	3.15	18.87	11.59	7.28	0.00	53	1.19
TUT-01138	2/17/15	Forereef	20	-14.36384602	-170.7628876	4.14	11.93	5.82	10.77	32.66	23.27	9.39	0.00	53	2.87
TUT-01139	3/6/15	Forereef	11.4	-14.36448639	-170.7624339	0.88	1.59	7.24	3.40	13.11	13.11	0.00	0.00	68	4.71
TUT-01141	3/29/15	Forereef	22.4	-14.28530842	-170.5376673	0.15	2.74	1.39	2.29	6.57	6.57	0.00	0.00	4	0.11
TUT-01142	3/28/15	Forereef	16.25	-14.27612051	-170.5483165	1.67	9.12	9.64	9.78	30.21	20.66	9.55	0.00	7	0.14
TUT-01144	3/12/15	Forereef	11.55	-14.34407269	-170.719443	3.86	1.48	20.73	4.18	30.25	25.35	4.90	0.00	11	0.71
TUT-01145	3/5/15	Forereef	5.3	-14.35573485	-170.7865339	0.36	0.08	22.41	3.43	26.28	25.52	0.76	0.00	13	0.96
TUT-01147	2/28/15	Forereef	15.85	-14.30030088	-170.576797	0.60	1.81	7.42	2.23	12.07	9.78	2.29	0.00	2	0.04
TUT-01149	3/1/15	Forereef	23.1	-14.30564518	-170.8285034	0.13	0.53	1.01	3.56	5.23	5.23	0.00	0.00	1	0.02
TUT-01152	3/3/15	Forereef	25.45	-14.24946313	-170.5619028	10.30	24.58	8.75	81.75	125.38	81.73	43.65	0.00	14	0.36
TUT-01153	2/27/15	Forereef	12.25	-14.24649401	-170.6221015	0.63	1.85	44.55	3.47	50.49	26.46	24.04	0.00	33	5.67
TUT-01154	2/27/15	Forereef	5.8	-14.25285554	-170.6456568	9.18	1.69	15.99	4.72	31.58	18.03	13.55	0.00	53	1.55
TUT-01157	2/17/15	Forereef	4.5	-14.36478244	-170.7616231	0.15	1.08	13.18	2.99	17.39	16.27	1.12	0.00	30	1.86
TUT-01159	3/29/15	Forereef	13.45	-14.27731728	-170.5477759	1.02	0.79	3.52	5.90	11.24	8.21	3.03	0.00	7	0.13
TUT-01162	3/5/15	Forereef	5.15	-14.33549238	-170.8060469	1.36	1.87	21.06	4.92	29.22	20.87	8.35	0.00	33	1.28
TUT-01169	3/3/15	Forereef	13.35	-14.2551422	-170.5579941	3.72	1.46	7.82	3.83	16.83	12.91	3.92	0.00	18	0.33
TUT-01171	2/17/15	Forereef	21.35	-14.36350428	-170.7674335	3.23	1.05	51.82	2.17	58.26	54.99	3.27	0.00	8	0.71
TUT-01172	2/17/15	Forereef	10.3	-14.36282594	-170.7643508	1.52	9.60	19.07	4.65	34.85	30.42	4.43	0.00	22	1.86

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TUT-01175	3/28/15	Forereef	17.25	-14.27911093	-170.5445941	2.31	1.05	28.05	3.90	35.30	9.81	15.59	9.91	8	0.19
TUT-01176	3/5/15	Forereef	25.3	-14.35709565	-170.8267301	102.63	90.85	10.70	8.32	212.50	19.68	97.68	95.14	60	5.25
TUT-01182	3/4/15	Forereef	23.65	-14.25535066	-170.7299018	5.98	21.82	36.01	2.88	66.69	36.95	29.75	0.00	2	0.18
TUT-01184	3/3/15	Forereef	17.7	-14.24599771	-170.5718164	1.64	6.71	18.52	10.12	37.00	28.39	8.61	0.00	11	0.38
TUT-01187	3/5/15	Forereef	21.75	-14.36323321	-170.7669667	1.20	16.55	10.86	1.50	30.12	16.58	13.54	0.00	9	1.25
TUT-01188	3/6/15	Forereef	11.15	-14.36477976	-170.7625032	1.23	1.81	14.08	4.14	21.26	17.99	3.27	0.00	38	4.10
TUT-01189	2/17/15	Forereef	3.45	-14.36227474	-170.7641913	0.41	0.59	32.38	3.69	37.06	31.78	5.28	0.00	23	3.33
TUT-01193	3/27/15	Forereef	17	-14.35654563	-170.730966	0.56	0.90	14.71	3.33	19.50	19.50	0.00	0.00	8	0.35
TUT-01194	2/26/15	Forereef	5.2	-14.34320432	-170.7207727	0.84	0.42	18.42	2.02	21.70	21.00	0.70	0.00	6	0.16
TUT-01195	3/12/15	Forereef	21	-14.29385159	-170.6573359	3.00	1.22	6.83	3.00	14.05	11.25	2.80	0.00	8	0.52
TUT-01196	2/28/15	Forereef	15.75	-14.30415303	-170.5976748	0.27	1.64	3.34	2.37	7.62	5.87	1.75	0.00	7	0.09
TUT-01198	3/1/15	Forereef	25	-14.28139633	-170.8095113	1.30	6.71	34.98	1.29	44.28	21.52	22.76	0.00	8	0.23
TUT-01199	3/4/15	Forereef	9.25	-14.28694172	-170.7614947	2.18	17.71	30.97	15.41	66.27	33.66	32.61	0.00	28	1.22
TUT-01204	3/7/15	Forereef	11.1	-14.36893685	-170.7621742	0.02	28.96	31.60	6.87	67.45	36.89	30.56	0.00	22	1.90
TUT-01205	3/6/15	Forereef	4.9	-14.37203245	-170.7610908	0.00	0.18	6.25	1.85	8.28	6.28	2.00	0.00	7	0.10
TUT-01206	3/28/15	Forereef	31.2	-14.27962608	-170.5148891	2.29	54.46	44.84	10.84	112.44	16.32	86.21	9.91	5	0.13
TUT-01207	3/28/15	Forereef	9.75	-14.28520977	-170.5454785	22.75	2.18	4.44	4.80	34.17	8.02	12.03	14.13	5	0.11
TUT-01208	3/6/15	Forereef	24.7	-14.37294926	-170.7743201	0.14	15.03	19.29	5.27	39.72	14.23	18.84	6.66	18	1.12
TUT-01209	3/30/15	Forereef	13.35	-14.34746283	-170.7212469	0.85	6.74	23.84	17.89	49.32	44.08	5.25	0.00	10	1.47
TUT-01211	3/2/15	Forereef	24.35	-14.28010259	-170.6211612	3.68	13.11	12.11	5.02	33.92	13.49	20.43	0.00	23	0.56
TUT-01212	3/2/15	Forereef	3.9	-14.27405924	-170.6147147	0.29	0.66	7.49	3.29	11.72	11.72	0.00	0.00	43	2.03
TUT-01214	3/4/15	Forereef	26.15	-14.28867191	-170.7580031	0.50	0.08	1.65	5.63	7.86	4.51	3.35	0.00	2	0.03
TUT-01221	3/28/15	Forereef	11.8	-14.28243703	-170.5454776	1.74	5.67	7.13	2.54	17.07	11.60	5.48	0.00	2	0.02
TUT-01223	2/26/15	Forereef	13.85	-14.35885627	-170.7342203	36.53	0.68	16.59	6.16	59.96	21.35	2.34	36.26	20	1.25
TUT-01226	2/28/15	Forereef	15.2	-14.28648759	-170.6007027	3.13	1.05	26.68	6.17	37.03	16.81	20.22	0.00	13	0.24
TUT-01227	2/28/15	Forereef	6.2	-14.27269617	-170.6128072	0.35	3.27	19.91	15.55	39.08	26.33	12.75	0.00	35	3.13

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TUT-01228	3/4/15	Forereef	27.85	-14.22775375	-170.6999441	4.29	15.64	36.32	12.19	68.44	25.49	36.37	6.58	1	0.06
TUT-01234	3/29/15	Forereef	23.85	-14.28213688	-170.5362991	0.59	1.01	5.15	4.36	11.11	6.03	5.09	0.00	2	0.03
TUT-01239	3/12/15	Forereef	21.1	-14.28362626	-170.628506	2.19	1.32	9.39	4.49	17.39	13.04	4.35	0.00	15	0.55
TUT-01240	3/2/15	Forereef	10.4	-14.28007015	-170.5895138	1.65	4.84	15.84	4.38	26.71	22.17	4.54	0.00	10	1.18
TUT-01246	3/7/15	Forereef	11.35	-14.36241698	-170.7657502	2.41	4.88	13.14	8.80	29.24	24.42	4.81	0.00	33	2.86
TUT-01250	3/5/15	Forereef	23.65	-14.33824391	-170.8039507	6.91	35.24	19.05	4.82	66.01	45.62	20.39	0.00	23	2.69
TUT-01254	3/12/15	Forereef	14.2	-14.31446085	-170.6517978	2.94	18.09	47.83	4.46	73.33	25.90	28.98	18.45	9	0.60
TUT-01257	3/1/15	Forereef	13.2	-14.29101725	-170.776173	1.84	0.99	19.81	7.98	30.62	12.75	17.88	0.00	64	3.73
TUT-01261	2/17/15	Forereef	2.6	-14.36471061	-170.7608348	0.14	0.25	14.57	4.87	19.83	15.54	4.29	0.00	29	2.85
TUT-01265	3/27/15	Forereef	8.95	-14.3604946	-170.7483454	1.26	5.27	20.24	10.74	37.51	31.29	6.22	0.00	25	3.63
TUT-01266	3/12/15	Forereef	3.9	-14.35502825	-170.7311984	1.58	0.24	4.20	1.86	7.88	7.10	0.78	0.00	3	0.11
TUT-01269	3/2/15	Forereef	4.7	-14.27805807	-170.607538	0.99	4.69	23.08	5.38	34.14	22.07	12.07	0.00	45	1.30
TUT-01273	3/6/15	Forereef	21.75	-14.37168578	-170.7620383	1.93	16.13	10.37	1.67	30.09	22.31	7.77	0.00	25	0.64
TUT-01279	3/27/15	Forereef	12.7	-14.32719422	-170.6943008	78.67	58.07	25.27	6.88	168.89	28.94	91.95	48.00	10	1.49
TUT-01280	3/27/15	Forereef	4	-14.36132323	-170.777978	0.27	0.63	7.13	3.53	11.57	11.57	0.00	0.00	9	0.31
TUT-01282	3/2/15	Forereef	15	-14.29955615	-170.6194047	0.57	31.24	10.45	2.42	44.68	11.57	33.10	0.00	25	1.71
TUT-01287	3/6/15	Forereef	23.35	-14.36462796	-170.7681764	3.99	2.72	9.62	5.78	22.10	13.62	8.48	0.00	3	0.49
TUT-01290	3/29/15	Forereef	24.1	-14.27849947	-170.5383992	1.37	0.53	5.21	5.41	12.52	8.90	3.62	0.00	2	0.05
TUT-01292	3/27/15	Forereef	22.75	-14.30187777	-170.6820773	0.06	2.67	2.30	3.33	8.36	8.36	0.00	0.00	25	0.52
TUT-01293	3/5/15	Forereef	13.65	-14.36214541	-170.779542	0.79	2.56	13.31	12.74	29.40	15.28	14.12	0.00	40	6.82
TUT-01296	3/2/15	Forereef	10.5	-14.28812457	-170.6419	2.21	3.61	13.00	5.44	24.26	19.27	4.99	0.00	15	0.54
TUT-01300	2/17/15	Forereef	7.45	-14.37214326	-170.761569	0.87	0.30	24.87	2.75	28.79	24.19	4.60	0.00	23	1.44
TUT-01309	3/12/15	Forereef	3.25	-14.29817397	-170.6745312	0.52	1.15	17.74	5.12	24.53	22.05	2.48	0.00	33	0.98
TUT-01316	3/6/15	Forereef	23.15	-14.33259032	-170.8257101	2.25	2.04	13.27	1.45	19.01	12.82	6.18	0.00	14	0.99
TUT-01324	2/17/15	Forereef	14.5	-14.3705683	-170.7625815	3.56	2.75	12.30	7.92	26.54	14.99	11.55	0.00	38	2.46
TUT-01327	3/5/15	Forereef	11.75	-14.34035305	-170.7909196	0.40	16.26	10.00	12.51	39.17	24.92	14.25	0.00	55	5.25

Table A1 (cont'd).

SITE ID	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	PISCIV.	PLANKTIV.	PRIMARY	SECONDARY	TOTAL FISH	0-20 cm	20-50 cm	>50 cm	% HARD CORAL	BSR
TUT-01328	3/12/15	Forereef	20.7	-14.30045779	-170.6198408	13.72	2.85	24.63	2.30	43.49	12.09	27.42	3.99	15	1.35
TUT-01333	3/28/15	Forereef	25.45	-14.276132	-170.5104348	15.47	33.29	35.25	10.14	94.14	17.08	45.16	31.91	3	0.09
TUT-01335	3/27/15	Forereef	10.7	-14.32027152	-170.6961213	4.40	5.51	27.45	12.12	49.48	21.92	27.56	0.00	23	1.25
TUT-01337	2/28/15	Forereef	12.5	-14.27946037	-170.6087145	3.70	5.23	11.61	4.21	24.75	16.78	7.98	0.00	39	1.62
TUT-01345	2/28/15	Forereef	7	-14.26961079	-170.5632731	1.06	0.77	21.28	3.83	26.94	18.22	8.72	0.00	10	0.20
TUT-01349	2/28/15	Forereef	21.75	-14.27493883	-170.5390604	39.79	1.86	6.94	3.92	52.51	11.35	2.93	38.23	8	0.15
TUT-01355	3/5/15	Forereef	9.4	-14.36567302	-170.7684929	1.11	0.95	26.64	5.15	33.84	28.63	5.22	0.00	17	0.67
TUT-01356	3/3/15	Forereef	26.4	-14.27895259	-170.535355	2.95	0.66	6.45	3.70	13.76	9.01	4.75	0.00	2	0.02
TUT-01362	3/3/15	Forereef	22.15	-14.28297515	-170.5391197	0.12	1.55	2.84	4.82	9.34	6.38	2.95	0.00	3	0.05
TUT-01365	3/30/15	Forereef	14.9	-14.31472706	-170.6520392	1.48	2.95	16.66	2.70	23.79	15.36	8.43	0.00	1	0.51
TUT-01368	2/28/15	Forereef	19.5	-14.28050995	-170.5427711	7.76	2.48	10.50	1.98	22.72	11.17	5.05	6.50	2	0.03
TUT-01370	3/7/15	Forereef	24.7	-14.32211311	-170.6665134	0.91	1.05	18.34	1.35	21.64	13.53	8.11	0.00	1	1.24
TUT-01371	3/7/15	Forereef	13.45	-14.30714177	-170.6415165	4.18	0.96	8.20	1.80	15.14	8.27	2.84	4.03	1	0.32
TUT-01376	3/30/15	Forereef	16.55	-14.30618883	-170.6418409	0.84	2.70	52.98	2.31	58.83	15.07	30.77	12.99	1	0.09
TUT-01379	3/6/15	Forereef	14.1	-14.32688727	-170.8327293	3.03	6.16	6.77	2.64	18.60	9.27	9.34	0.00	15	0.45
TUT-01382	3/6/15	Forereef	15.2	-14.36319566	-170.7677502	3.07	8.07	17.05	6.11	34.31	27.20	7.11	0.00	13	3.26
TUT-01383	3/28/15	Forereef	21.95	-14.28037927	-170.5409494	1.17	0.73	32.74	14.60	49.23	8.52	40.71	0.00	4	0.05
TUT-01391	3/28/15	Forereef	22.6	-14.27325441	-170.5050989	0.22	7.39	33.05	11.24	51.91	19.56	12.29	20.05	2	0.06
TUT-01392	3/27/15	Forereef	15	-14.36795876	-170.7535383	1.79	15.01	8.41	5.11	30.31	15.17	15.14	0.00	30	1.00
TUT-01410	3/29/15	Forereef	26	-14.27457112	-170.5062851	23.29	16.70	20.87	19.82	80.67	19.05	42.15	19.46	1	0.10
TUT-01412	3/30/15	Forereef	12	-14.36352801	-170.7628401	3.79	20.73	29.95	6.80	61.28	43.09	18.19	0.00	53	4.00
TUT-01418	3/7/15	Forereef	9.4	-14.36330547	-170.7633607	0.92	3.75	12.08	2.87	19.63	17.76	1.86	0.00	45	2.57
TUT-01420	3/2/15	Forereef	12.25	-14.29338782	-170.6552128	2.27	4.52	10.16	5.85	22.81	16.64	6.17	0.00	15	1.19
TUT-01435	3/7/15	Forereef	12.95	-14.36509525	-170.7633883	4.04	6.04	16.69	7.82	34.59	27.00	7.58	0.00	30	4.10

Fish Appendix. Table A2. Site-level biomass densities (g m⁻²) are reported for the following key species of interest to NSMAS: *Acanthurus lineatus* (ACLI), *Carcharhinus amblyrhynchos* (CAAB), *Carcharhinus melanopterus* (CAML), *Cheilinus undulatus* (CHUD), and *Triaenodon obesus* (TROB). No other shark species were observed in our surveys other than the species reported here. In addition, each site's ID, date, reef zone (i.e., forereef, backreef, or lagoon), depth, and latitude/longitude are included. Lastly, percent hard coral cover and benthic substrate ratio [BSR = (hard coral + CCA) / (macroalgae + turf)] for each site are also reported. Table is sorted by SITE ID (OFU = Ofu & Olosega, ROS = Rose, SWA = Swains, TAU = Tau, TUT = Tutuila).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	%	BSR
											HARD CORAL	
OFU-00483	3/25/15	Forereef	23.55	-14.15743486	-169.6191016	0.00	0.00	0.00	0.00	0.00	13	0.35
OFU-00484	3/21/15	Forereef	19.5	-14.19280599	-169.6100522	0.00	0.00	0.00	0.00	0.00	28	3
OFU-00492	3/26/15	Forereef	20	-14.16253751	-169.686829	0.00	0.00	0.00	0.00	0.00	5	2.67
OFU-00503	3/26/15	Forereef	8.4	-14.18003348	-169.6797624	4.51	0.00	0.00	0.00	0.00	15	0.43
OFU-00509	3/25/15	Forereef	10.75	-14.15779386	-169.680023	0.00	0.00	0.00	0.00	0.00	28	5.6
OFU-00514	3/26/15	Forereef	8.95	-14.18879592	-169.6703777	0.44	0.00	0.00	0.00	0.00	8	0.17
OFU-00517	3/21/15	Forereef	12.25	-14.18187599	-169.6053833	0.00	0.00	0.00	0.00	0.00	15	3.5
OFU-00518	3/26/15	Forereef	13.95	-14.16908537	-169.6863853	0.00	0.00	0.00	0.00	0.00	40	4.71
OFU-00523	3/25/15	Forereef	7.5	-14.16481622	-169.6527834	12.98	0.00	0.00	0.00	0.00	13	0.47
OFU-00525	3/14/15	Forereef	5.5	-14.16807108	-169.608669	1.64	0.00	0.00	0.00	0.00	21	1.35
OFU-00529	3/21/15	Forereef	2.85	-14.15981616	-169.6091244	5.58	0.00	0.00	0.00	0.00	3	0.14
OFU-00532	3/13/15	Forereef	24	-14.16191256	-169.6643102	0.26	0.00	0.00	0.00	0.00	38	1.5
OFU-00535	3/25/15	Forereef	27.7	-14.16448236	-169.6440722	0.00	0.00	0.00	0.00	0.00	35	2.43
OFU-00537	3/21/15	Forereef	22.15	-14.18184137	-169.6026561	0.00	0.00	0.00	0.00	0.00	23	1.13
OFU-00540	3/14/15	Forereef	24.35	-14.1733008	-169.6419043	0.00	0.00	0.00	0.00	0.00	23	0.82
OFU-00547	3/13/15	Forereef	18.5	-14.16503423	-169.6537843	0.00	0.00	0.00	0.00	0.00	8	0.28
OFU-00551	3/25/15	Forereef	22	-14.16161223	-169.6337286	0.37	0.00	0.00	0.00	16.19	10	0.68
OFU-00554	3/13/15	Forereef	23.2	-14.15329219	-169.6777962	0.00	0.00	0.00	9.19	0.00	10	0.49
OFU-00556	3/14/15	Forereef	19.3	-14.1864655	-169.6618662	0.00	0.00	0.00	0.00	0.00	40	1.86
OFU-00557	3/26/15	Forereef	25.3	-14.17359525	-169.6866056	0.00	0.00	0.00	0.00	0.00	15	0.81
OFU-00559	3/21/15	Forereef	20.9	-14.17422918	-169.6341428	0.00	125.50	0.00	0.00	0.00	30	1.13
OFU-00561	3/25/15	Forereef	19.9	-14.16570746	-169.6284087	0.00	0.00	0.00	0.00	0.00	12	0.62

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
OFU-00564	3/14/15	Forereef	23.25	-14.18870221	-169.603487	0.00	0.00	0.00	0.00	0.00	45	3
OFU-00566	3/21/15	Forereef	21.45	-14.1610084	-169.60681	0.00	0.00	0.00	0.00	0.00	35	1.88
OFU-00568	3/13/15	Forereef	16.3	-14.16384635	-169.6584698	0.00	0.00	0.00	0.00	0.00	20	1.33
OFU-00570	3/26/15	Forereef	7.85	-14.17079729	-169.6852103	1.12	0.00	0.00	0.00	0.00	35	2.08
OFU-00571	3/21/15	Forereef	11.4	-14.17114816	-169.6081634	0.00	0.00	0.00	0.00	0.00	18	0.87
OFU-00572	3/14/15	Forereef	9.4	-14.17575711	-169.6066253	4.09	0.00	0.00	0.00	0.00	13	1.24
OFU-00575	3/26/15	Forereef	10.95	-14.18420607	-169.6577558	1.04	0.00	0.00	0.00	0.00	25	4.71
OFU-00577	3/14/15	Forereef	14.3	-14.15811162	-169.6078442	0.00	0.00	0.00	0.00	0.00	30	7.29
OFU-00578	3/25/15	Forereef	14.15	-14.15989193	-169.6196786	0.00	0.00	0.00	0.00	0.00	40	2.35
OFU-00579	3/21/15	Forereef	10.25	-14.16781249	-169.6078626	0.00	0.00	0.00	0.00	0.00	30	5
OFU-00580	3/25/15	Forereef	13.1	-14.15457638	-169.6178048	0.00	0.00	0.00	0.00	0.00	25	0.7
OFU-00582	3/25/15	Forereef	7.05	-14.16520849	-169.6487866	6.52	0.00	0.00	0.00	0.00	20	1.81
OFU-00588	3/14/15	Forereef	6.9	-14.18825151	-169.6204109	7.61	0.00	0.00	0.00	0.00	10	0.16
OFU-00590	3/21/15	Forereef	21.85	-14.18283144	-169.6259332	0.00	0.00	0.00	0.00	0.00	20	0.55
OFU-00591	3/13/15	Forereef	9.95	-14.16559028	-169.645157	0.00	0.00	0.00	0.00	0.00	9	1.27
OFU-00592	3/26/15	Forereef	8.75	-14.18763226	-169.6734441	0.00	0.00	0.00	0.00	0.00	40	7
OFU-00594	3/14/15	Forereef	10.3	-14.17543491	-169.6280599	0.00	0.00	0.00	0.00	0.00	35	3.38
OFU-00596	3/13/15	Forereef	14.45	-14.15954861	-169.6695895	0.00	65.20	0.00	0.00	0.00	23	1.92
OFU-00599	3/26/15	Forereef	14.4	-14.17490124	-169.6816432	0.00	0.00	0.00	0.00	0.00	35	2.03
OFU-00603	3/14/15	Forereef	10.05	-14.17625324	-169.6486137	0.00	0.00	0.00	0.00	0.00	18	3.11
OFU-00604	3/21/15	Forereef	17.15	-14.15186349	-169.6105979	0.00	0.00	0.00	0.00	0.00	7	0.15
OFU-00610	3/14/15	Forereef	8.6	-14.16456903	-169.6075751	0.00	0.00	0.00	0.00	0.00	18	2.25
OFU-00614	3/25/15	Forereef	8.15	-14.16005244	-169.6831507	0.00	0.00	0.00	0.00	0.00	28	3.06
OFU-00616	3/21/15	Forereef	11.3	-14.18900371	-169.6084389	0.00	0.00	0.00	0.00	0.00	13	1.13
OFU-00619	3/26/15	Forereef	2.85	-14.17807513	-169.6799459	11.70	0.00	0.00	0.00	0.00	8	0.43

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
OFU-00620	3/25/15	Forereef	2.7	-14.16618749	-169.6281971	9.74	0.00	0.00	0.00	0.00	5	0.89
OFU-00624	3/25/15	Forereef	4.45	-14.16326146	-169.6648446	18.98	0.00	0.00	0.00	0.00	4	1.35
OFU-00625	3/13/15	Forereef	5.8	-14.16558475	-169.629337	0.00	0.00	0.00	0.00	0.00	25	2.55
OFU-00630	3/21/15	Forereef	3.65	-14.15803391	-169.6089027	4.87	0.00	0.00	0.00	0.00	4	0.25
OFU-00631	3/21/15	Forereef	4.1	-14.15477252	-169.6106401	4.74	0.00	0.00	0.00	0.00	4	0.34
ROS-00380	3/19/15	Forereef	23.45	-14.53868229	-168.1457517	0.00	0.00	0.00	0.00	0.00	10	0.72
ROS-00385	3/19/15	Forereef	19.55	-14.53547093	-168.1617234	0.00	0.00	0.00	0.00	0.00	15	2.33
ROS-00390	3/16/15	Forereef	26.95	-14.54628526	-168.1383838	0.00	0.00	0.00	0.00	0.00	24	1.65
ROS-00391	3/17/15	Lagoon	21.5	-14.54573432	-168.1607003	0.00	0.00	0.00	0.00	0.00	9	0.94
ROS-00392	3/17/15	Backreef	1.25	-14.54636062	-168.1648459	0.26	0.00	0.00	0.00	0.00	1	0.02
ROS-00393	3/17/15	Forereef	15.8	-14.53166345	-168.1563644	0.86	0.00	0.00	0.00	0.00	15	3.18
ROS-00394	3/16/15	Forereef	3.6	-14.5413655	-168.1723151	0.00	0.00	0.00	0.00	0.00	8	12.27
ROS-00395	3/18/15	Forereef	23.55	-14.53797871	-168.1718668	0.00	0.00	0.00	0.00	0.00	10	4.14
ROS-00397	3/18/15	Forereef	13.2	-14.53640769	-168.1642824	0.00	0.00	0.00	0.00	0.00	8	1.35
ROS-00398	3/17/15	Backreef	1.65	-14.54701507	-168.1479369	0.00	0.00	0.00	0.00	0.00	3	0.06
ROS-00400	3/16/15	Forereef	22.5	-14.55783259	-168.1527042	0.00	0.00	0.00	0.00	0.00	38	2.5
ROS-00403	3/17/15	Backreef	1.1	-14.55313873	-168.1601232	0.07	0.00	0.00	0.00	0.00	1	0.08
ROS-00404	3/16/15	Forereef	4.95	-14.54603347	-168.1702295	5.76	0.00	0.00	0.00	0.00	6	23.25
ROS-00406	3/17/15	Backreef	6.65	-14.54775369	-168.1632396	0.00	0.00	0.00	0.00	0.00	3	0.03
ROS-00408	3/17/15	Lagoon	12.45	-14.54194721	-168.1488419	0.00	0.00	0.00	0.00	0.00	3	0.12
ROS-00409	3/19/15	Forereef	5.75	-14.55933471	-168.1557296	0.00	0.00	0.00	0.00	0.00	20	1.05
ROS-00411	3/16/15	Forereef	13.95	-14.54094691	-168.1727545	0.00	0.00	0.00	0.00	0.00	10	9.72
ROS-00412	3/17/15	Lagoon	17.9	-14.54249136	-168.152167	0.00	0.00	0.00	0.00	0.00	4	0.08
ROS-00419	3/16/15	Forereef	5	-14.53492317	-168.1482059	0.01	0.00	0.00	0.00	0.00	8	8.24
ROS-00420	3/19/15	Forereef	23.05	-14.53393218	-168.1480696	0.00	0.00	0.00	0.00	0.00	20	4.57
ROS-00421	3/18/15	Lagoon	19.1	-14.54254802	-168.1611187	0.00	0.00	0.00	0.00	0.00	4	1
ROS-00422	3/19/15	Forereef	13.45	-14.55211504	-168.1404617	0.00	0.00	0.00	0.00	0.00	15	3.19

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
ROS-00425	3/19/15	Forereef	25.4	-14.52811045	-168.1510822	0.00	0.00	0.00	0.00	0.00	28	2.13
ROS-00427	3/17/15	Lagoon	11.8	-14.55250782	-168.1545226	0.00	0.00	0.00	0.00	0.00	20	0.83
ROS-00428	3/16/15	Forereef	15.8	-14.53496894	-168.1605054	0.00	0.00	0.00	0.00	0.00	8	4.71
ROS-00430	3/18/15	Forereef	25.25	-14.55480765	-168.1645721	0.00	0.00	0.00	0.00	0.00	20	1.44
ROS-00434	3/19/15	Forereef	3.95	-14.54597295	-168.1401715	0.00	0.00	38.81	0.00	0.00	23	5.86
ROS-00437	3/19/15	Forereef	13.65	-14.55933471	-168.1557296	0.00	0.00	0.00	0.00	0.00	15	2
ROS-00439	3/17/15	Forereef	5.25	-14.53277615	-168.1489093	0.06	0.00	0.00	0.00	0.00	28	7
ROS-00440	3/19/15	Forereef	29.15	-14.53611357	-168.1655168	0.00	0.00	0.00	0.00	0.00	30	2.96
ROS-00441	3/16/15	Forereef	9.6	-14.55452157	-168.1457225	0.00	0.00	0.00	0.00	0.00	20	1.86
ROS-00447	3/18/15	Forereef	13	-14.53959969	-168.156742	0.00	0.00	0.00	0.00	0.00	1	0.02
ROS-00461	3/19/15	Forereef	11.4	-14.5450522	-168.1410408	0.00	0.00	0.00	0.00	0.00	25	2.6
ROS-00471	3/19/15	Forereef	15.6	-14.5569286	-168.1513451	0.00	0.00	0.00	0.00	0.00	20	4.1
ROS-00475	3/17/15	Forereef	9.55	-14.53283809	-168.1486117	0.00	0.00	0.00	0.00	0.00	25	1.86
ROS-00478	3/16/15	Forereef	22.55	-14.52897211	-168.1541422	0.28	0.00	0.00	0.00	0.00	25	7
ROS-00479	3/18/15	Backreef	8.45	-14.55159168	-168.159639	0.00	0.00	0.00	0.00	0.00	20	1.14
ROS-00480	3/16/15	Forereef	13.3	-14.54137045	-168.1443634	0.00	0.00	0.00	0.00	0.00	28	1.92
ROS-00486	3/16/15	Forereef	10.15	-14.52975129	-168.1501716	0.00	0.00	0.00	0.00	0.00	30	10
ROS-00489	3/16/15	Forereef	11.45	-14.55740847	-168.16203	0.00	0.00	0.00	0.00	0.00	20	7
ROS-00490	3/18/15	Forereef	17.6	-14.55412033	-168.1649779	0.00	0.00	0.00	0.00	0.00	15	1.5
ROS-00494	3/19/15	Forereef	12.5	-14.56050273	-168.15845	0.00	0.00	0.00	0.00	0.00	18	4.71
ROS-00495	3/17/15	Forereef	12.25	-14.52931182	-168.1519601	0.00	0.00	0.00	0.00	0.00	35	4.05
ROS-00501	3/18/15	Forereef	10.5	-14.54535093	-168.171063	0.00	0.00	0.00	0.00	0.00	15	2.08
ROS-00502	3/17/15	Forereef	10.3	-14.54957549	-168.1680349	6.68	0.00	0.00	0.00	0.00	8	0.74
ROS-00503	3/19/15	Forereef	13.15	-14.54834998	-168.1373351	0.00	0.00	0.00	0.00	0.00	9	0.95
ROS-00504	3/18/15	Forereef	11.05	-14.5384341	-168.1720766	0.00	0.00	0.00	0.00	0.00	10	3.44
SWA-00406	2/15/15	Forereef	18.2	-11.04623158	-171.0806647	0.00	0.00	0.00	0.00	0.00	12	0.87
SWA-00407	2/19/15	Forereef	21.1	-11.05343968	-171.0925737	0.00	0.00	0.00	0.00	0.00	28	1

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
SWA-00412	2/18/15	Forereef	24.55	-11.05229421	-171.0646045	0.00	0.00	0.00	0.00	0.00	15	0.38
SWA-00414	2/19/15	Forereef	4.7	-11.04719952	-171.0847748	0.00	0.00	0.00	0.00	0.00	35	4.71
SWA-00415	2/20/15	Forereef	20.75	-11.04673147	-171.0840072	0.00	0.00	0.00	0.00	0.00	25	0.95
SWA-00416	2/19/15	Forereef	13.1	-11.04612093	-171.0699623	0.00	0.00	0.00	0.00	0.00	58	2.18
SWA-00418	2/15/15	Forereef	21.25	-11.04572992	-171.0705	0.00	0.00	0.00	0.00	0.00	25	0.72
SWA-00422	2/19/15	Forereef	12.6	-11.0481543	-171.0895477	0.00	0.00	0.00	0.00	0.00	63	3.62
SWA-00427	2/18/15	Forereef	21.5	-11.06705189	-171.083549	0.00	0.00	0.00	0.00	0.00	19	0.5
SWA-00429	2/15/15	Forereef	4.3	-11.04571098	-171.0775275	0.00	0.00	0.00	0.00	0.00	33	1.41
SWA-00437	2/19/15	Forereef	8.95	-11.06366853	-171.0709938	0.00	0.00	0.00	0.00	0.00	15	0.74
SWA-00439	2/15/15	Forereef	18.65	-11.06394522	-171.0716356	0.00	0.00	0.00	0.00	0.00	65	3.65
SWA-00440	2/19/15	Forereef	13.95	-11.04782757	-171.0681579	0.00	0.00	0.00	0.00	0.00	19	0.36
SWA-00443	2/18/15	Forereef	13.35	-11.05015757	-171.0662867	0.00	0.00	0.00	0.00	0.00	23	0.58
SWA-00444	2/19/15	Forereef	4.5	-11.04558189	-171.0722801	0.00	0.00	0.00	0.00	0.00	35	2.08
SWA-00445	2/19/15	Forereef	20.9	-11.06488508	-171.0724113	0.00	0.00	0.00	0.00	0.00	10	0.73
SWA-00446	2/15/15	Forereef	13.85	-11.06202794	-171.0892082	0.00	0.00	0.00	0.00	0.00	35	1.09
SWA-00449	2/15/15	Forereef	12.05	-11.06645711	-171.0749472	0.00	0.00	0.00	0.00	0.00	65	3.98
SWA-00450	2/20/15	Forereef	4.85	-11.05880845	-171.0907219	0.00	0.00	0.00	0.00	0.00	58	3.88
SWA-00455	2/15/15	Forereef	12	-11.0500383	-171.091611	0.00	0.00	0.00	0.00	0.00	78	4.13
SWA-00461	2/19/15	Forereef	14.95	-11.05537556	-171.0638459	0.00	0.00	0.00	0.00	0.00	20	0.55
SWA-00467	2/20/15	Forereef	12.1	-11.06835737	-171.079236	0.00	0.00	0.00	0.00	0.00	15	0.41
SWA-00470	2/20/15	Forereef	13.95	-11.0662453	-171.0844488	0.00	0.00	0.00	0.00	0.00	43	1.42
SWA-00474	2/15/15	Forereef	5.1	-11.06127483	-171.0681867	0.00	0.00	0.00	0.00	0.00	67	4.41
SWA-00481	2/19/15	Forereef	5.8	-11.06797029	-171.0818587	0.00	0.00	0.00	0.00	0.00	29	1.08
SWA-00482	2/18/15	Forereef	13.4	-11.05832842	-171.0913501	0.00	0.00	0.00	0.00	0.00	38	1.43
SWA-00483	2/15/15	Forereef	5.3	-11.04525081	-171.0756188	0.00	0.00	0.00	0.00	0.00	18	0.9
SWA-00485	2/15/15	Forereef	5.8	-11.05592198	-171.0919352	0.00	0.00	0.00	0.00	0.00	58	2.9
SWA-00489	2/18/15	Forereef	5	-11.05882228	-171.0658722	0.00	0.00	0.00	0.00	0.00	33	1.3

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	%	BSR
											HARD CORAL	
SWA-00493	2/20/15	Forereef	5.1	-11.0605746	-171.089586	0.00	0.00	0.00	0.00	0.00	30	1.35
SWA-00499	2/15/15	Forereef	3.55	-11.04723983	-171.0690342	0.00	0.00	0.00	0.00	0.00	18	0.93
SWA-00675	2/19/15	Forereef	4.1	-11.05305025	-171.0645715	0.00	0.00	0.00	0.00	0.00	33	2.08
TAU-00447	3/20/15	Forereef	9.4	-14.21339077	-169.5083394	0.00	0.00	0.00	0.00	0.00	13	0.33
TAU-00451	3/15/15	Forereef	4.75	-14.21240397	-169.4355422	2.12	0.00	0.00	0.00	0.00	15	1.22
TAU-00452	3/24/15	Forereef	24.35	-14.25818215	-169.4711734	0.00	0.00	0.00	0.00	0.00	28	1.62
TAU-00453	3/23/15	Forereef	14.85	-14.2562067	-169.420216	0.00	0.00	0.00	0.00	0.00	25	1.4
TAU-00454	3/20/15	Forereef	5.4	-14.2107462	-169.4515328	2.74	0.00	0.00	0.00	0.00	25	0.69
TAU-00455	3/15/15	Forereef	25	-14.21074854	-169.4453203	0.00	0.00	0.00	0.00	0.00	18	1
TAU-00456	3/20/15	Forereef	10.25	-14.21458754	-169.4877435	5.98	0.00	0.00	0.00	0.00	28	0.5
TAU-00457	3/24/15	Forereef	5.15	-14.23352377	-169.5174418	0.14	0.00	0.00	0.00	0.00	18	0.8
TAU-00460	3/20/15	Forereef	4.55	-14.21503572	-169.483119	0.73	0.00	0.00	0.00	0.00	8	0.12
TAU-00461	3/20/15	Forereef	19.7	-14.21126696	-169.4366751	0.00	0.00	0.00	0.00	0.00	9	0.27
TAU-00462	3/23/15	Forereef	11.65	-14.26301206	-169.4751756	0.00	0.00	0.00	0.00	0.00	28	1.35
TAU-00463	3/20/15	Forereef	5.4	-14.2166691	-169.4990557	3.38	0.00	0.00	0.00	0.00	23	0.43
TAU-00465	3/23/15	Forereef	8.1	-14.25806263	-169.4723114	0.88	0.00	0.00	0.00	0.00	10	0.2
TAU-00470	3/24/15	Forereef	23	-14.22991117	-169.5196252	0.00	0.00	0.00	0.00	0.00	2	0.12
TAU-00473	3/15/15	Forereef	20.1	-14.21506623	-169.4922461	0.00	0.00	0.00	0.00	0.00	18	1.36
TAU-00474	3/15/15	Forereef	11.75	-14.21048007	-169.4567831	2.64	0.00	0.00	0.00	0.00	15	0.33
TAU-00476	3/20/15	Forereef	21.85	-14.20949277	-169.4283255	0.00	0.00	0.00	0.00	0.00	2	0.12
TAU-00477	3/23/15	Forereef	13.65	-14.24345414	-169.4186545	0.32	0.00	0.00	0.00	0.00	25	2.07
TAU-00479	3/24/15	Forereef	22.5	-14.24402906	-169.5094278	0.00	0.00	0.00	0.00	0.00	20	0.63
TAU-00484	3/24/15	Forereef	4.55	-14.21900832	-169.5142711	1.50	0.00	0.00	0.00	0.00	16	0.21
TAU-00485	3/20/15	Forereef	20.05	-14.21295634	-169.4798515	0.00	0.00	0.00	0.00	0.00	15	0.89
TAU-00486	3/20/15	Forereef	13.8	-14.21191958	-169.4632942	0.00	0.00	0.00	0.00	0.00	25	0.5
TAU-00489	3/23/15	Forereef	9.25	-14.25524631	-169.4703346	3.27	0.00	0.00	0.00	0.00	15	0.71
TAU-00490	3/20/15	Forereef	23.85	-14.23419306	-169.4181529	0.00	0.00	0.00	0.00	0.00	35	1.11

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
TAU-00491	3/24/15	Forereef	8.45	-14.24836275	-169.5046515	0.00	0.00	0.00	0.00	0.00	33	1.08
TAU-00492	3/24/15	Forereef	23.25	-14.27280312	-169.4834487	0.51	0.00	0.00	0.00	0.00	10	0.55
TAU-00494	3/23/15	Forereef	19.75	-14.25023477	-169.4620724	0.00	0.00	0.00	12.07	0.00	18	0.38
TAU-00496	3/23/15	Forereef	23.6	-14.25851491	-169.4207828	0.00	0.00	0.00	0.00	0.00	30	1.91
TAU-00497	3/23/15	Forereef	9	-14.258	-169.43568	0.00	0.00	0.00	0.00	0.00	15	0.29
TAU-00499	3/24/15	Forereef	9	-14.22406848	-169.5195418	0.00	0.00	0.00	0.00	0.00	1	0.01
TAU-00501	3/23/15	Forereef	8	-14.2497295	-169.4567063	0.88	0.00	0.00	0.00	0.00	13	0.3
TAU-00505	3/20/15	Forereef	10.15	-14.21541341	-169.5021103	0.00	0.00	0.00	0.00	0.00	18	0.38
TAU-00509	3/15/15	Forereef	9.75	-14.21482491	-169.422205	0.00	0.00	0.00	0.00	0.00	33	1.71
TAU-00511	3/24/15	Forereef	9.2	-14.23973886	-169.5141146	0.00	0.00	0.00	0.00	0.00	40	1.22
TAU-00513	3/15/15	Forereef	11.2	-14.21438889	-169.4689957	0.37	0.00	0.00	0.00	0.00	20	0.77
TAU-00517	3/23/15	Forereef	7.25	-14.2537016	-169.4436427	6.68	0.00	0.00	0.00	0.00	15	0.31
TAU-00519	3/15/15	Forereef	8.35	-14.21248318	-169.4446263	0.00	0.00	0.00	0.00	0.00	50	3
TAU-00523	3/23/15	Forereef	10.6	-14.24969095	-169.4502285	0.00	0.00	0.00	0.00	0.00	45	1.33
TAU-00524	3/15/15	Forereef	23.85	-14.21546378	-169.4180834	0.00	0.00	0.00	0.00	0.00	23	3.44
TAU-00526	3/20/15	Forereef	24.25	-14.24411648	-169.4178162	0.00	0.00	0.00	0.00	0.00	30	1.05
TAU-00527	3/20/15	Forereef	8.45	-14.21439995	-169.474428	0.51	0.00	0.00	0.00	0.00	48	3.6
TAU-00530	3/20/15	Forereef	19.1	-14.21257806	-169.4657847	0.00	0.00	0.00	0.00	0.00	13	0.45
TAU-00562	3/15/15	Forereef	13.2	-14.21448209	-169.482513	1.26	0.00	0.00	0.00	0.00	23	0.9
TUT-01001	3/12/15	Forereef	10.6	-14.30696022	-170.6876789	0.00	0.00	0.00	0.00	0.00	5	0.73
TUT-01003	3/7/15	Forereef	21.75	-14.31085831	-170.6423921	0.44	0.00	0.00	0.00	0.00	2	0.59
TUT-01005	2/28/15	Forereef	5.65	-14.2833194	-170.6064807	4.20	0.00	0.00	0.00	0.00	45	1.18
TUT-01006	3/4/15	Forereef	23.35	-14.28800253	-170.7806056	0.00	0.00	0.00	0.00	0.00	2	0.05
TUT-01009	3/3/15	Forereef	23.6	-14.25567378	-170.5938797	0.00	0.00	0.00	0.00	0.00	5	0.17
TUT-01010	2/27/15	Forereef	4.9	-14.25738696	-170.5882545	0.32	0.00	0.00	0.00	0.00	35	1.31
TUT-01015	3/28/15	Forereef	25.5	-14.27832395	-170.5359025	0.00	0.00	0.00	0.00	0.00	2	0.05
TUT-01016	3/28/15	Forereef	9.1	-14.27857289	-170.5488229	0.00	0.00	0.00	0.00	0.00	6	0.06

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
TUT-01017	3/28/15	Forereef	5.45	-14.28394234	-170.5452819	0.31	0.00	0.00	0.00	0.00	1	0.02
TUT-01018	2/26/15	Forereef	21	-14.32290922	-170.697461	0.00	0.00	0.00	0.00	0.00	10	0.3
TUT-01021	3/30/15	Forereef	26.5	-14.30524738	-170.6404187	0.00	0.00	0.00	0.00	0.00	1	0.21
TUT-01023	3/2/15	Forereef	2.55	-14.27295358	-170.5678814	1.71	0.00	0.00	0.00	0.00	50	2.37
TUT-01024	3/4/15	Forereef	28.5	-14.27826268	-170.7388318	0.00	0.00	0.00	0.00	0.00	3	0.07
TUT-01025	3/1/15	Forereef	10.7	-14.30076188	-170.8233131	0.00	0.00	0.00	0.00	0.00	45	3.13
TUT-01026	3/4/15	Forereef	4.35	-14.29233262	-170.7932891	0.56	0.00	0.00	0.00	0.00	13	0.21
TUT-01028	2/27/15	Forereef	13.85	-14.2546475	-170.6077499	0.44	0.00	0.00	0.00	0.00	35	2
TUT-01031	2/17/15	Forereef	13.8	-14.36394006	-170.7681318	0.00	0.00	0.00	0.00	0.00	15	1.29
TUT-01032	2/17/15	Forereef	4.2	-14.36688571	-170.7626392	0.94	0.00	0.00	0.00	0.00	20	1.22
TUT-01035	3/29/15	Forereef	5.45	-14.28632355	-170.5460188	0.24	0.00	0.00	0.00	0.00	1	0.02
TUT-01037	3/7/15	Forereef	12.65	-14.33112072	-170.6963373	0.00	0.00	0.00	0.00	0.00	15	1.03
TUT-01040	3/2/15	Forereef	13.65	-14.29553208	-170.5602007	0.00	0.00	0.00	0.00	0.00	23	0.39
TUT-01043	3/1/15	Forereef	12.1	-14.28764462	-170.7819871	0.00	0.00	0.00	35.99	0.00	23	0.67
TUT-01044	3/1/15	Forereef	3.2	-14.31777346	-170.8378196	0.66	0.00	0.00	0.00	0.00	50	2.33
TUT-01046	2/27/15	Forereef	9.6	-14.25527698	-170.6526074	0.00	0.00	0.00	0.00	0.00	10	0.16
TUT-01047	3/3/15	Forereef	3.95	-14.24734971	-170.5718698	1.97	0.00	0.00	0.00	0.00	13	0.25
TUT-01050	3/5/15	Forereef	3.8	-14.36267448	-170.7632905	0.44	0.00	0.00	0.00	0.00	70	19
TUT-01052	3/29/15	Forereef	13.25	-14.27995616	-170.5464494	0.00	0.00	0.00	0.00	0.00	23	0.29
TUT-01053	3/29/15	Forereef	4.75	-14.27851958	-170.5497621	3.52	0.00	0.00	0.00	0.00	4	0.12
TUT-01055	2/26/15	Forereef	9.5	-14.33712937	-170.7089822	0.00	0.00	0.00	0.00	0.00	30	0.81
TUT-01057	3/2/15	Forereef	24.25	-14.29523444	-170.5671001	0.00	0.00	0.00	0.00	0.00	2	0.07
TUT-01060	3/4/15	Forereef	26.65	-14.29868678	-170.8164448	0.00	0.00	0.00	0.00	0.00	1	0.02
TUT-01062	3/1/15	Forereef	4.25	-14.29200682	-170.7732862	0.76	0.00	0.00	0.00	0.00	18	0.24
TUT-01064	2/27/15	Forereef	11.8	-14.25386187	-170.596067	8.08	0.00	0.00	0.00	0.00	20	0.43
TUT-01065	3/3/15	Forereef	4.7	-14.24690162	-170.5786517	1.31	0.00	0.00	0.00	0.00	33	0.95
TUT-01067	3/6/15	Forereef	13.15	-14.36863393	-170.7627802	1.26	0.00	0.00	0.00	0.00	40	2.79

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	%	BSR
											HARD CORAL	
TUT-01069	3/3/15	Forereef	21.5	-14.27730655	-170.5383293	0.00	0.00	0.00	0.00	0.00	7	0.07
TUT-01071	3/28/15	Forereef	4.6	-14.27967737	-170.5486776	9.06	0.00	0.00	0.00	0.00	1	0.03
TUT-01072	3/27/15	Forereef	25.3	-14.34344388	-170.7184548	0.00	0.00	0.00	0.00	0.00	6	0.87
TUT-01073	3/27/15	Forereef	9.55	-14.33630928	-170.7041501	0.00	0.00	0.00	0.00	0.00	28	0.77
TUT-01075	3/2/15	Forereef	24.15	-14.31463578	-170.6546107	0.00	0.00	0.00	0.00	0.00	1	0.31
TUT-01077	3/3/15	Forereef	4.05	-14.27114502	-170.5647221	1.31	0.00	0.00	0.00	0.00	16	0.9
TUT-01079	3/4/15	Forereef	10.7	-14.28069745	-170.7316797	0.00	0.00	0.00	0.00	0.00	63	1.8
TUT-01081	2/27/15	Forereef	26.5	-14.24473406	-170.6617562	0.00	0.00	0.00	0.00	0.00	38	1.09
TUT-01088	3/28/15	Forereef	15.4	-14.27702383	-170.5461749	0.00	0.00	0.00	0.00	0.00	10	0.26
TUT-01090	3/27/15	Forereef	22	-14.35340686	-170.7294308	0.00	0.00	0.00	0.00	73.97	5	0.52
TUT-01091	3/5/15	Forereef	14.5	-14.35936564	-170.7837412	0.00	0.00	0.00	0.00	0.00	33	2.55
TUT-01094	3/3/15	Forereef	13	-14.27632151	-170.5760369	0.63	0.00	0.00	0.00	0.00	33	2.64
TUT-01095	3/2/15	Forereef	4.1	-14.2831396	-170.5982061	7.11	0.00	0.00	0.00	0.00	10	0.68
TUT-01096	3/1/15	Forereef	22.9	-14.2665835	-170.7712204	0.00	0.00	0.00	0.00	0.00	5	0.45
TUT-01098	3/1/15	Forereef	4.65	-14.29242902	-170.8023886	0.00	0.00	0.00	0.00	0.00	18	0.33
TUT-01099	2/27/15	Forereef	12	-14.24523437	-170.6712226	0.00	0.00	0.00	0.00	0.00	13	0.23
TUT-01100	3/3/15	Forereef	9.65	-14.2453969	-170.5740322	0.00	0.00	0.00	0.00	0.00	22	0.42
TUT-01102	3/5/15	Forereef	24.55	-14.36607175	-170.7638888	0.00	0.00	0.00	0.00	0.00	28	1.17
TUT-01103	3/6/15	Forereef	11.85	-14.36657223	-170.7630362	0.00	0.00	0.00	0.00	0.00	38	2.18
TUT-01106	3/29/15	Forereef	12.5	-14.27903046	-170.5473913	0.00	0.00	0.00	0.00	0.00	13	0.15
TUT-01109	3/27/15	Forereef	9.1	-14.33440089	-170.7012029	0.00	0.00	0.00	0.00	0.00	18	0.35
TUT-01110	3/6/15	Forereef	3.75	-14.33655119	-170.7943785	1.02	0.00	0.00	0.00	0.00	40	2.14
TUT-01111	3/28/15	Forereef	28.5	-14.2903814	-170.5452216	0.00	0.00	0.00	0.00	0.00	30	1.75
TUT-01112	3/3/15	Forereef	12.35	-14.26408871	-170.5618967	0.00	0.00	0.00	0.00	0.00	33	1.4
TUT-01114	3/1/15	Forereef	24.5	-14.28939384	-170.7909949	0.00	0.00	0.00	0.00	0.00	1	0.05
TUT-01115	3/4/15	Forereef	13.75	-14.25808802	-170.7037365	0.00	0.00	0.00	0.00	0.00	55	1.36
TUT-01117	2/27/15	Forereef	23.05	-14.2497031	-170.6578363	0.00	0.00	0.00	0.00	0.00	33	1.46

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
TUT-01124	3/29/15	Forereef	29.85	-14.2775656	-170.5140659	0.00	0.00	0.00	0.00	0.00	7	0.18
TUT-01126	3/7/15	Forereef	24.25	-14.33598356	-170.7019888	0.00	0.00	0.00	0.00	0.00	6	0.27
TUT-01128	3/27/15	Forereef	4.55	-14.35969672	-170.7817442	4.55	0.00	0.00	0.00	0.00	13	1.17
TUT-01131	2/28/15	Forereef	3.1	-14.27502039	-170.5752413	2.92	0.00	0.00	0.00	0.00	30	0.74
TUT-01133	3/4/15	Forereef	9.6	-14.241373	-170.6788504	0.01	0.00	0.00	0.00	0.00	53	1.19
TUT-01138	2/17/15	Forereef	20	-14.36384602	-170.7628876	0.00	0.00	0.00	0.00	0.00	53	2.87
TUT-01139	3/6/15	Forereef	11.4	-14.36448639	-170.7624339	0.00	0.00	0.00	0.00	0.00	68	4.71
TUT-01141	3/29/15	Forereef	22.4	-14.28530842	-170.5376673	0.00	0.00	0.00	0.00	0.00	4	0.11
TUT-01142	3/28/15	Forereef	16.25	-14.27612051	-170.5483165	0.00	0.00	0.00	0.00	0.00	7	0.14
TUT-01144	3/12/15	Forereef	11.55	-14.34407269	-170.719443	0.32	0.00	0.00	0.00	0.00	11	0.71
TUT-01145	3/5/15	Forereef	5.3	-14.35573485	-170.7865339	1.30	0.00	0.00	0.00	0.00	13	0.96
TUT-01147	2/28/15	Forereef	15.85	-14.30030088	-170.576797	0.00	0.00	0.00	0.00	0.00	2	0.04
TUT-01149	3/1/15	Forereef	23.1	-14.30564518	-170.8285034	0.00	0.00	0.00	0.00	0.00	1	0.02
TUT-01152	3/3/15	Forereef	25.45	-14.24946313	-170.5619028	0.00	0.00	0.00	0.00	0.00	14	0.36
TUT-01153	2/27/15	Forereef	12.25	-14.24649401	-170.6221015	1.45	0.00	0.00	0.00	0.00	33	5.67
TUT-01154	2/27/15	Forereef	5.8	-14.25285554	-170.6456568	0.45	0.00	0.00	0.00	0.00	53	1.55
TUT-01157	2/17/15	Forereef	4.5	-14.36478244	-170.7616231	0.20	0.00	0.00	0.00	0.00	30	1.86
TUT-01159	3/29/15	Forereef	13.45	-14.27731728	-170.5477759	0.00	0.00	0.00	0.00	0.00	7	0.13
TUT-01162	3/5/15	Forereef	5.15	-14.33549238	-170.8060469	3.75	0.00	0.00	0.00	0.00	33	1.28
TUT-01169	3/3/15	Forereef	13.35	-14.2551422	-170.5579941	0.00	0.00	0.00	0.00	0.00	18	0.33
TUT-01171	2/17/15	Forereef	21.35	-14.36350428	-170.7674335	0.00	0.00	0.00	0.00	0.00	8	0.71
TUT-01172	2/17/15	Forereef	10.3	-14.36282594	-170.7643508	0.00	0.00	0.00	0.00	0.00	22	1.86
TUT-01175	3/28/15	Forereef	17.25	-14.27911093	-170.5445941	0.00	0.00	0.00	0.00	0.00	8	0.19
TUT-01176	3/5/15	Forereef	25.3	-14.35709565	-170.8267301	0.00	65.20	0.00	0.00	0.00	60	5.25
TUT-01182	3/4/15	Forereef	23.65	-14.25535066	-170.7299018	1.38	0.00	0.00	0.00	0.00	2	0.18
TUT-01184	3/3/15	Forereef	17.7	-14.24599771	-170.5718164	0.00	0.00	0.00	0.00	0.00	11	0.38
TUT-01187	3/5/15	Forereef	21.75	-14.36323321	-170.7669667	0.00	0.00	0.00	0.00	0.00	9	1.25

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
TUT-01188	3/6/15	Forereef	11.15	-14.36477976	-170.7625032	0.00	0.00	0.00	0.00	0.00	38	4.1
TUT-01189	2/17/15	Forereef	3.45	-14.36227474	-170.7641913	2.27	0.00	0.00	0.00	0.00	23	3.33
TUT-01193	3/27/15	Forereef	17	-14.35654563	-170.730966	0.00	0.00	0.00	0.00	0.00	8	0.35
TUT-01194	2/26/15	Forereef	5.2	-14.34320432	-170.7207727	3.11	0.00	0.00	0.00	0.00	6	0.16
TUT-01195	3/12/15	Forereef	21	-14.29385159	-170.6573359	0.00	0.00	0.00	0.00	0.00	8	0.52
TUT-01196	2/28/15	Forereef	15.75	-14.30415303	-170.5976748	0.00	0.00	0.00	0.00	0.00	7	0.09
TUT-01198	3/1/15	Forereef	25	-14.28139633	-170.8095113	0.00	0.00	0.00	0.00	0.00	8	0.23
TUT-01199	3/4/15	Forereef	9.25	-14.28694172	-170.7614947	0.00	0.00	0.00	0.00	0.00	28	1.22
TUT-01204	3/7/15	Forereef	11.1	-14.36893685	-170.7621742	0.00	0.00	0.00	0.00	0.00	22	1.9
TUT-01205	3/6/15	Forereef	4.9	-14.37203245	-170.7610908	3.53	0.00	0.00	0.00	0.00	7	0.1
TUT-01206	3/28/15	Forereef	31.2	-14.27962608	-170.5148891	0.00	0.00	0.00	6.82	0.00	5	0.13
TUT-01207	3/28/15	Forereef	9.75	-14.28520977	-170.5454785	0.00	0.00	0.00	0.00	0.00	5	0.11
TUT-01208	3/6/15	Forereef	24.7	-14.37294926	-170.7743201	0.00	0.00	0.00	0.00	0.00	18	1.12
TUT-01209	3/30/15	Forereef	13.35	-14.34746283	-170.7212469	1.06	0.00	0.00	0.00	0.00	10	1.47
TUT-01211	3/2/15	Forereef	24.35	-14.28010259	-170.6211612	0.00	0.00	0.00	0.00	0.00	23	0.56
TUT-01212	3/2/15	Forereef	3.9	-14.27405924	-170.6147147	3.10	0.00	0.00	0.00	0.00	43	2.03
TUT-01214	3/4/15	Forereef	26.15	-14.28867191	-170.7580031	0.00	0.00	0.00	0.00	0.00	2	0.03
TUT-01221	3/28/15	Forereef	11.8	-14.28243703	-170.5454776	0.00	0.00	0.00	0.00	0.00	2	0.02
TUT-01223	2/26/15	Forereef	13.85	-14.35885627	-170.7342203	0.00	0.00	0.00	0.00	36.26	20	1.25
TUT-01226	2/28/15	Forereef	15.2	-14.28648759	-170.6007027	0.00	0.00	0.00	0.00	0.00	13	0.24
TUT-01227	2/28/15	Forereef	6.2	-14.27269617	-170.6128072	4.26	0.00	0.00	0.00	0.00	35	3.13
TUT-01228	3/4/15	Forereef	27.85	-14.22775375	-170.6999441	0.00	0.00	0.00	0.00	0.00	1	0.06
TUT-01234	3/29/15	Forereef	23.85	-14.28213688	-170.5362991	0.00	0.00	0.00	0.00	0.00	2	0.03
TUT-01239	3/12/15	Forereef	21.1	-14.28362626	-170.628506	0.00	0.00	0.00	0.00	0.00	15	0.55
TUT-01240	3/2/15	Forereef	10.4	-14.28007015	-170.5895138	0.00	0.00	0.00	0.00	0.00	10	1.18
TUT-01246	3/7/15	Forereef	11.35	-14.36241698	-170.7657502	0.00	0.00	0.00	0.00	0.00	33	2.86
TUT-01250	3/5/15	Forereef	23.65	-14.33824391	-170.8039507	0.00	0.00	0.00	0.00	0.00	23	2.69

Table A2 (cont'd)

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
TUT-01254	3/12/15	Forereef	14.2	-14.31446085	-170.6517978	2.08	0.00	0.00	0.00	0.00	9	0.6
TUT-01257	3/1/15	Forereef	13.2	-14.29101725	-170.776173	0.00	0.00	0.00	0.00	0.00	64	3.73
TUT-01261	2/17/15	Forereef	2.6	-14.36471061	-170.7608348	0.00	0.00	0.00	0.00	0.00	29	2.85
TUT-01265	3/27/15	Forereef	8.95	-14.3604946	-170.7483454	0.90	0.00	0.00	0.00	0.00	25	3.63
TUT-01266	3/12/15	Forereef	3.9	-14.35502825	-170.7311984	0.78	0.00	0.00	0.00	0.00	3	0.11
TUT-01269	3/2/15	Forereef	4.7	-14.27805807	-170.607538	0.00	0.00	0.00	0.00	0.00	45	1.3
TUT-01273	3/6/15	Forereef	21.75	-14.37168578	-170.7620383	0.00	0.00	0.00	0.00	0.00	25	0.64
TUT-01279	3/27/15	Forereef	12.7	-14.32719422	-170.6943008	0.00	0.00	0.00	0.00	0.00	10	1.49
TUT-01280	3/27/15	Forereef	4	-14.36132323	-170.777978	1.28	0.00	0.00	0.00	0.00	9	0.31
TUT-01282	3/2/15	Forereef	15	-14.29955615	-170.6194047	0.00	0.00	0.00	0.00	0.00	25	1.71
TUT-01287	3/6/15	Forereef	23.35	-14.36462796	-170.7681764	0.00	0.00	0.00	0.00	0.00	3	0.49
TUT-01290	3/29/15	Forereef	24.1	-14.27849947	-170.5383992	0.00	0.00	0.00	0.00	0.00	2	0.05
TUT-01292	3/27/15	Forereef	22.75	-14.30187777	-170.6820773	0.00	0.00	0.00	0.00	0.00	25	0.52
TUT-01293	3/5/15	Forereef	13.65	-14.36214541	-170.779542	0.00	0.00	0.00	0.00	0.00	40	6.82
TUT-01296	3/2/15	Forereef	10.5	-14.28812457	-170.6419	0.60	0.00	0.00	0.00	0.00	15	0.54
TUT-01300	2/17/15	Forereef	7.45	-14.37214326	-170.761569	0.79	0.00	0.00	0.00	0.00	23	1.44
TUT-01309	3/12/15	Forereef	3.25	-14.29817397	-170.6745312	3.42	0.00	0.00	0.00	0.00	33	0.98
TUT-01316	3/6/15	Forereef	23.15	-14.33259032	-170.8257101	0.00	0.00	0.00	0.00	0.00	14	0.99
TUT-01324	2/17/15	Forereef	14.5	-14.3705683	-170.7625815	4.34	0.00	0.00	0.00	0.00	38	2.46
TUT-01327	3/5/15	Forereef	11.75	-14.34035305	-170.7909196	0.00	0.00	0.00	0.00	0.00	55	5.25
TUT-01328	3/12/15	Forereef	20.7	-14.30045779	-170.6198408	0.00	0.00	0.00	0.00	0.00	15	1.35
TUT-01333	3/28/15	Forereef	25.45	-14.276132	-170.5104348	0.00	0.00	0.00	0.00	0.00	3	0.09
TUT-01335	3/27/15	Forereef	10.7	-14.32027152	-170.6961213	0.00	0.00	0.00	0.00	0.00	23	1.25
TUT-01337	2/28/15	Forereef	12.5	-14.27946037	-170.6087145	0.60	0.00	0.00	0.00	0.00	39	1.62
TUT-01345	2/28/15	Forereef	7	-14.26961079	-170.5632731	0.01	0.00	0.00	0.00	0.00	10	0.2
TUT-01349	2/28/15	Forereef	21.75	-14.27493883	-170.5390604	0.00	0.00	0.00	0.00	0.00	8	0.15
TUT-01355	3/5/15	Forereef	9.4	-14.36567302	-170.7684929	7.52	0.00	0.00	0.00	0.00	17	0.67

Table A2 (cont'd).

SITE	DATE	REEF ZONE	DEPTH	LATITUDE	LONGITUDE	ACLI	CAAB	CAML	CHUD	TROB	% HARD CORAL	BSR
TUT-01356	3/3/15	Forereef	26.4	-14.27895259	-170.535355	0.00	0.00	0.00	0.00	0.00	2	0.02
TUT-01362	3/3/15	Forereef	22.15	-14.28297515	-170.5391197	0.00	0.00	0.00	0.00	0.00	3	0.05
TUT-01365	3/30/15	Forereef	14.9	-14.31472706	-170.6520392	1.16	0.00	0.00	0.00	0.00	1	0.51
TUT-01368	2/28/15	Forereef	19.5	-14.28050995	-170.5427711	0.00	0.00	0.00	0.00	0.00	2	0.03
TUT-01370	3/7/15	Forereef	24.7	-14.32211311	-170.6665134	0.00	0.00	0.00	0.00	0.00	1	1.24
TUT-01371	3/7/15	Forereef	13.45	-14.30714177	-170.6415165	0.00	0.00	0.00	0.00	0.00	1	0.32
TUT-01376	3/30/15	Forereef	16.55	-14.30618883	-170.6418409	0.00	0.00	0.00	0.00	0.00	1	0.09
TUT-01379	3/6/15	Forereef	14.1	-14.32688727	-170.8327293	0.00	0.00	0.00	0.00	0.00	15	0.45
TUT-01382	3/6/15	Forereef	15.2	-14.36319566	-170.7677502	0.76	0.00	0.00	0.00	0.00	13	3.26
TUT-01383	3/28/15	Forereef	21.95	-14.28037927	-170.5409494	0.00	0.00	0.00	0.00	0.00	4	0.05
TUT-01391	3/28/15	Forereef	22.6	-14.27325441	-170.5050989	0.00	0.00	0.00	0.00	0.00	2	0.06
TUT-01392	3/27/15	Forereef	15	-14.36795876	-170.7535383	0.00	0.00	0.00	0.00	0.00	30	1
TUT-01410	3/29/15	Forereef	26	-14.27457112	-170.5062851	0.00	0.00	0.00	14.30	0.00	1	0.1
TUT-01412	3/30/15	Forereef	12	-14.36352801	-170.7628401	0.00	0.00	0.00	0.00	0.00	53	4
TUT-01418	3/7/15	Forereef	9.4	-14.36330547	-170.7633607	0.00	0.00	0.00	0.00	0.00	45	2.57
TUT-01420	3/2/15	Forereef	12.25	-14.29338782	-170.6552128	0.00	0.00	0.00	0.00	0.00	15	1.19
TUT-01435	3/7/15	Forereef	12.95	-14.36509525	-170.7633883	0.00	0.00	0.00	0.00	0.00	30	4.1

Fish Appendix: Table A3. Means and standard errors for fish biomass density, % hard coral cover, and benthic substrate ratio for the following reporting units: Aunuu B, Fagatele Sanctuary, Ofu & Olosega, Rose Inside Crest, Rose Sanctuary, Swains Sanctuary, Tau, Tutuila NE, Tutuila NW, Tutuila SE, and Tutuila SW. We report on the biomass densities for: total fish, piscivores, planktivores, primary consumers (i.e., herbivores), secondary consumers, as well as three different size classes (0-20 cm, 20-50 cm, and fish > 50 cm).

		PISCIV.		PLANKTIV.		PRIMARY		SECONDARY		TOTAL FISH		0-20 cm		20-50 cm		> 50 cm		% HARD CORAL		BSR	
REPORTING UNIT	N	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE
Aunuu B	27	7.30	2.57	11.38	4.61	15.07	3.19	7.05	1.11	40.81	8.86	11.66	1.07	21.30	7.11	7.85	2.72	4.24	0.57	0.09	0.01
Fagatele Sanct	27	1.95	0.31	5.50	1.18	18.05	1.61	5.05	0.42	30.55	2.47	23.06	1.65	7.49	1.22	0.00	0.00	30.27	3.15	3.05	0.75
Ofu & Olosega	52	14.93	4.19	4.99	0.86	27.01	2.92	7.99	1.03	54.91	6.10	21.69	1.13	22.64	3.48	10.59	3.68	20.52	1.56	1.83	0.21
Rose Inside Crest	10	13.43	5.94	1.32	0.27	5.92	3.28	14.24	4.88	34.91	9.78	9.35	2.29	17.07	7.22	8.49	4.47	6.27	2.58	0.39	0.16
Rose Sanct	37	8.64	1.47	7.86	1.17	14.89	1.85	5.32	0.65	36.72	3.07	18.76	1.45	13.21	1.91	4.74	1.42	17.17	1.45	4.28	0.61
Swains Sanct	23	10.54	1.97	21.47	7.91	6.64	0.90	5.18	0.81	43.83	8.19	19.30	1.61	21.52	7.51	3.01	1.59	35.00	3.45	1.96	0.35
Tau	43	4.28	0.52	4.03	0.65	21.34	2.64	6.65	0.84	36.30	3.28	15.31	0.76	15.22	2.21	5.77	1.58	21.55	1.80	0.95	0.13
Tutuila NE	24	37.82	33.30	6.81	2.20	16.69	2.14	9.44	3.75	70.77	35.25	20.83	3.50	14.39	2.58	35.56	33.81	23.63	3.30	0.96	0.22
Tutuila NW	18	5.04	2.34	14.65	6.80	17.16	2.61	9.36	2.98	46.20	9.69	22.72	4.72	20.10	5.67	3.38	3.37	22.35	3.62	0.98	0.24
Tutuila SE	49	4.97	1.93	6.82	2.16	15.53	1.52	5.24	0.77	32.57	4.38	17.73	1.13	11.36	3.08	3.47	1.55	18.42	2.12	0.93	0.12
Tutuila SW	15	11.35	9.43	16.54	7.46	15.22	1.38	5.89	0.77	48.99	16.62	21.01	3.16	18.33	7.94	9.65	8.81	27.76	4.79	2.36	0.50

