

Functional diversity responses to changing species richness in reef fish communities

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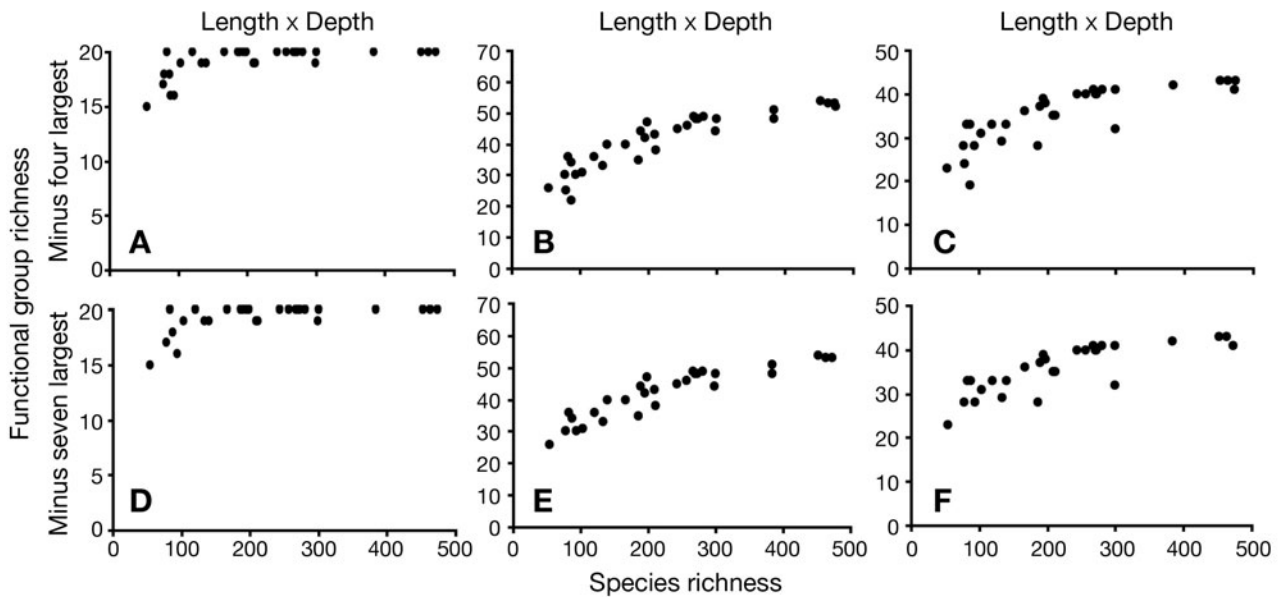


Fig. A1. Species versus functional group richness for the three 2-way combinations of defining functional groups (see 'Materials and methods' for functional group definitions) with the largest locations removed from analyses. Panels A-C are with the 4 largest locations removed (Wmed, Emed, Nwaf, and Twaf); panels D-F are with the 7 largest locations removed (previous 4, plus Cuba, Arge, and Beng)

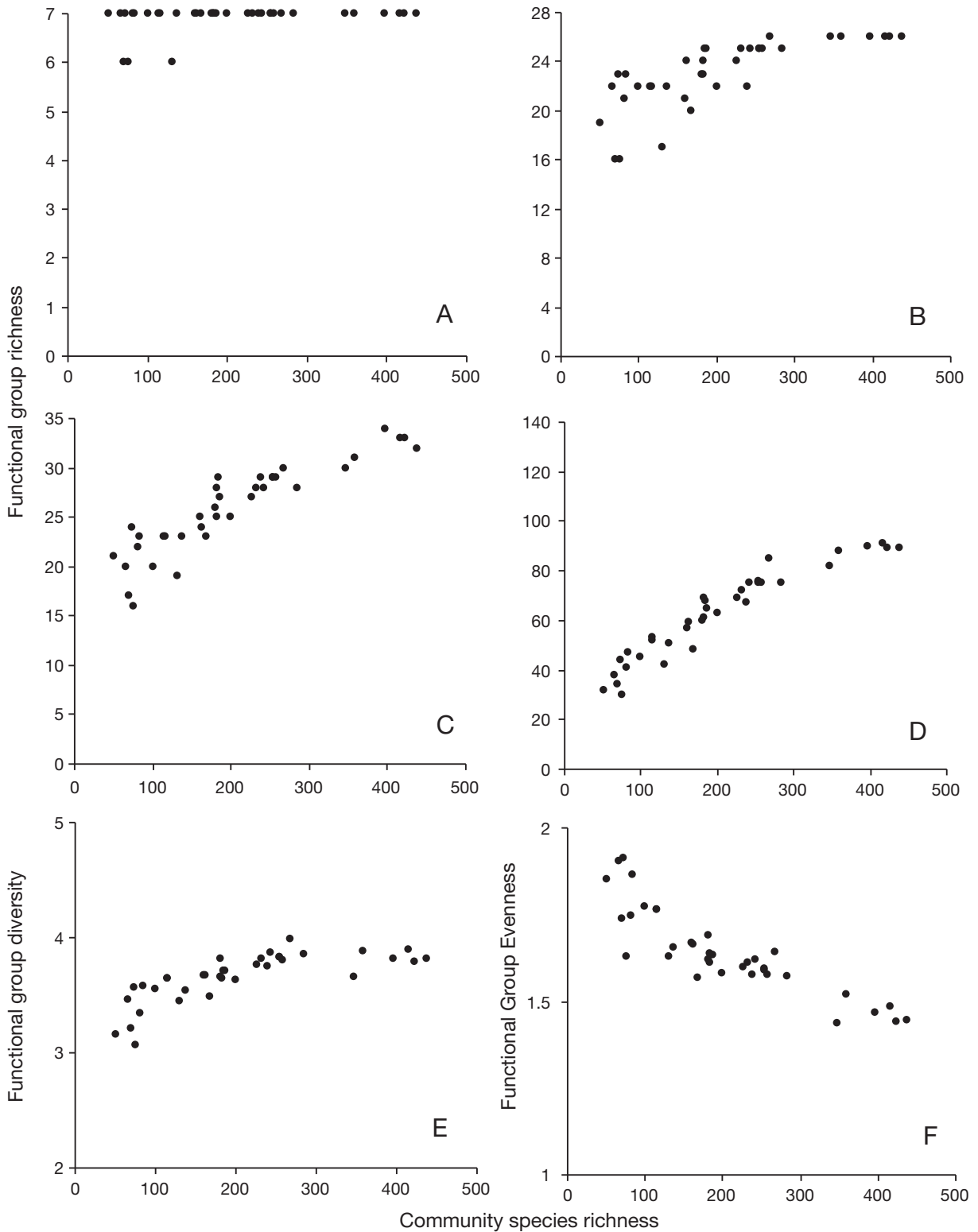


Fig. A2. Species richness versus functional group richness, diversity, and evenness with fish assigned to seven coarser trophic groups. Plots for functional group richness are for (A) trophic groups only, (B) trophic group and body size combined, (C) trophic group and maximum depth combined, and (D) a combination of trophic group, body size, and maximum depth. The relationship to functional group (E) diversity and (F) evenness are for all the combination of trophic group, body size, and maximum depth. x-axis scales are set to the maximum number of possible functional groups

Table A1. List of site names, details, and species richness of each location included in the analyses. Site codes refer to labels on the map in Fig. 1

Site Code	Site Name	Spp. Rich.	Region	Biogeographic Region	Ave. Latitude	References
Spau	St. Paul's Rocks	54	Northeast Brazil	Brazil	0.92 S	13,17,18,52
Shel	Saint Helena Island	78	Mid-Atlantic Ridge	Mid-Atlantic Ridge Islands	15.94 S	33,34,52
Arge	Argentina/Uruguay	79	Southern South America	Temperate S. America	37.00 S	30,31,52
Asce	Ascension Island	83	Mid-Atlantic Ridge	Mid-Atlantic Ridge Islands	7.92 S	32,52
Trin	Trindade Is.	87	Southeast Brazil	Brazil	20.50 S	13,24,52
Beng	Benguela Coast	88	Southern Africa	Temperate Africa	29.00 S	37,51,52
Azor	Azores Islands	94	Macaronesia	Northeast Atlantic	39.66 N	40,52
Aroc	Atol de Rocas	103	Northeast Brazil	Brazil	3.83 S	13,15,16,52
Fnor	Fernando de Noronha	120	Northeast Brazil	Brazil	3.83 S	13,16,52
Made	Madeira Island	133	Macaronesia	Northeast Atlantic	32.66 N	37,41,52
Pmlu	Parcel de Manuel Luiz	140	Northeast Brazil	Brazil	0.87 S	11-13
Emed	Eastern Mediterranean	164	Mediterranean	Northeast Atlantic	40.00 N	35,36
Zumb	Zumbi	167	Northeast Brazil	Brazil	8.83 S	13,14
Cana	Canary Islands	186	Macaronesia	Northeast Atlantic	28.00 N	42,52
Abro	Abrolhos	189	Northeast Brazil	Brazil	17.50 S	13,20,22
Arvo	Arvoredo, Santa Catarina	195	Southern Brazil	Brazil	27.50 S	13,29
Nava	Navassa	198	Eastern Caribbean	Caribbean	18.42 N	10
Wmed	Western Mediterranean	208	Mediterranean	Northeast Atlantic	40.00 N	35,36,52
Cver	Cape Verde Islands	209	Tropical Eastern Atlantic	Tropical Eastern Africa	16.00 N	43,44,52
Stom	Sao Tome	211	Gulf of Guine	Tropical Eastern Africa	0.00 N	45,46,52
Nwaf	Northwest Africa	229	Northwest Africa	Tropical Eastern Africa	28.00 N	37-39,52
Igra	Ilha Grande	243	Southeast Brazil	Brazil	23.50 S	13,27
Acab	Arraial do Cabo	257	Southeast Brazil	Brazil	23.00 S	13,25,26
Twaf	Tropical West Africa	261	Gulf of Guine	Tropical Eastern Africa	5.00 N	37,47-50,52
Nbah	North Bahia	267	Northeast Brazil	Brazil	12.00 S	13,20,22
Guar	Guarapari, Espírito Santo	270	Southeast Brazil	Brazil	20.67 S	13,23
Saop	Sao Paulo	273	Southeast Brazil	Brazil	24.17 S	13,28
Berm	Bermuda	281	Western Caribbean	Caribbean	32.83 N	1,52
Cape	South Africa cape	299	Southern Africa	Southern Africa	32.00 S	51,52
Hump	Hump of Brazil	300	Northeast Brazil	Brazil	8.00 S	13,19-21
Beli	Pelican Cays, Belize	384	Western Caribbean	Caribbean	16.75 N	2
Yuca	Mexican Caribbean	384	Western Caribbean	Caribbean	20.00 N	3
Vene	Venezuela/Tobago	453	Western Caribbean	Caribbean	11.00 N	4-6
Flor	Florida Keys	463	Western Caribbean	Caribbean	24.65 N	1,5,6
Baha	Bahamas	473	Eastern Caribbean	Caribbean	24.00 N	1,7,8
Cuba	Cuba	474	Eastern Caribbean	Caribbean	22.83 N	9

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Table A1. (continued)

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Table A1. (continued)

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Table A2. Species examined by literature reviewed in the present study. *: size and/or depth not available from the literature

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Abalistes stellatus</i>	DEEP	LARGE	MINV	
<i>Abudefduf hoefleri</i>	SHALL	MEDSMALL	OMNI	
<i>Abudefduf luridus</i>	SHALL	MEDSMALL	OMNI	
<i>Abudefduf saxatilis</i>	MID	MEDSMALL	OMNI	
<i>Abudefduf sordidus</i>	VSHALL	MEDSMALL	OMNI	
<i>Abudefduf taurus</i>	VSHALL	MEDSMALL	OMNI	
<i>Abudefduf vaigiensis</i>	SHALL	MEDSMALL	OMNI	
<i>Acanthanectes hystrix</i>	SHALL	SMALL	MINV	
<i>Acanthanectes rufus</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria aspera</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria betiniensis</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria chaplini</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria greenfieldi</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria harpeza</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria johnsoni</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria maria</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria medusa</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria paula</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria rivasi</i>	SHALL	SMALL	MINV	
<i>Acanthemblemaria spinosa</i>	SHALL	SMALL	MINV	
<i>Acanthistius brasiliensis</i>	MID	LARGE	MCAR	
<i>Acanthistius patachonicus</i>	MID	MED	MCAR	*
<i>Acanthistius sebastoides</i>	SHALL	MED	MCAR	
<i>Acantholabrus palloni</i>	VDEEP	MEDSMALL	MINV	
<i>Acanthostracion guineensis</i>	VDEEP	MEDSMALL	OMNI	
<i>Acanthostracion notacanthus</i>	SHALL	MED	OMNI	
<i>Acanthostracion polygonius</i>	DEEP	MED	OMNI	
<i>Acanthostracion quadricornis</i>	DEEP	MED	OMNI	
<i>Acanthurus bahianus</i>	MID	MED	SCRP	
<i>Acanthurus chirurgus</i>	DEEP	MED	SCRP	
<i>Acanthurus coeruleus</i>	DEEP	MED	TURF	
<i>Acanthurus dussumieri</i>	VDEEP	LARGE	SCRP	
<i>Acanthurus monroviae</i>	MID	MED	SCRP	
<i>Acanthurus triostegus</i>	DEEP	MED	SCRP	
<i>Acentronura dendritica</i>	SHALL	SMALL	MINV	
<i>Acyrtops ampicirrus</i>	SHALL	SMALL	MINV	*
<i>Acyrtops beryllinus</i>	SHALL	SMALL	MINV	*
<i>Acyrtops sp.</i>	SHALL	SMALL	MINV	*
<i>Acyrtus artius</i>	SHALL	SMALL	MINV	
<i>Acyrtus rubiginosus</i>	VSHALL	SMALL	MINV	
<i>Ahlia egmontis</i>	SHALL	MED	MINV	
<i>Aidablennius sphyinx</i>	VSHALL	SMALL	OMNI	
<i>Alectis alexandrinus</i>	DEEP	LARGE	MCAR	
<i>Alectis ciliaris</i>	DEEP	LARGE	MCAR	
<i>Alphesthes afer</i>	MID	MED	MCAR	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Aluterus heudelotii</i>	VDEEP	MED	OMNI	
<i>Aluterus monoceros</i>	MID	LARGE	OMNI	
<i>Aluterus schoepfii</i>	VSHALL	LARGE	OMNI	
<i>Aluterus scriptus</i>	MID	LARGE	OMNI	
<i>Amblycirrhitus earnshawii</i>	SHALL	SMALL	MINV	
<i>Amblycirrhitus pinos</i>	MID	SMALL	MINV	
<i>Amblyrhynchotes honckenii</i>	VDEEP	MED	SINV	
<i>Amphichthys cryptocentrus</i>	DEEP	MED	MINV	
<i>Anampses caeruleopunctatus</i>	MID	MED	MINV	
<i>Anarchias euryurus</i>	DEEP	MEDSMALL	MCAR	
<i>Anarchias longicaudus</i>	DEEP	MEDSMALL	MCAR	
<i>Anarchias similis</i>	VDEEP	MEDSMALL	MCAR	
<i>Anarchopterus criniger</i>	SHALL	SMALL	MINV	
<i>Anarchopterus tectus</i>	SHALL	MEDSMALL	MINV	
<i>Ancylopsetta cycloidea</i>	VDEEP	MEDSMALL	SAND	
<i>Ancylopsetta dilecta</i>	VDEEP	MEDSMALL	SAND	
<i>Ancylopsetta kumperae</i>	DEEP	MEDSMALL	SAND	
<i>Ancylopsetta microctenus</i>	VDEEP	MEDSMALL	SAND	
<i>Ancylopsetta quadrocellata</i>	VDEEP	MEDSMALL	SAND	
<i>Anisotremus moricandi</i>	MID	MED	MINV	*
<i>Anisotremus surinamensis</i>	DEEP	LARGE	MINV	
<i>Anisotremus virginicus</i>	MID	MED	MINV	
<i>Anoplocapros robustus</i>	DEEP	MED	OMNI	
<i>Antennablennius australis</i>	MID	SMALL	OMNI	
<i>Antennablennius bifilum</i>	MID	SMALL	OMNI	
<i>Antennarius bermudensis</i>	MID	SMALL	PISC	
<i>Antennarius hispidus</i>	DEEP	MEDSMALL	PISC	
<i>Antennarius multiocellatus</i>	DEEP	MEDSMALL	PISC	
<i>Antennarius nummifer</i>	VDEEP	MEDSMALL	PISC	
<i>Antennarius ocellatus</i>	VDEEP	MED	PISC	
<i>Antennarius pardalis</i>	MID	SMALL	PISC	
<i>Antennarius pauciradiatus</i>	DEEP	SMALL	PISC	
<i>Antennarius radiosus</i>	VDEEP	SMALL	PISC	
<i>Antennarius senegalensis</i>	DEEP	MED	PISC	
<i>Antennarius striatus</i>	VDEEP	MEDSMALL	PISC	
<i>Anthias anthias</i>	VDEEP	MED	DPLA	
<i>Anthias asperilinguis</i>	VDEEP	MED	DPLA	
<i>Anthias helenensis</i>	VDEEP	MED	DPLA	
<i>Anthias menezesi</i>	VDEEP	MED	DPLA	
<i>Anthias nicholsi</i>	VDEEP	MED	DPLA	
<i>Anthias salmopunctatus</i>	VDEEP	MED	DPLA	
<i>Anthias tenuis</i>	VDEEP	MED	DPLA	
<i>Anthias woodsi</i>	VDEEP	MED	DPLA	
<i>Aphareus rutilans</i>	VDEEP	LARGE	MCAR	
<i>Apletodon dentatus</i>	SHALL	SMALL	MINV	
<i>Apletodon incognitus</i>	SHALL	SMALL	MINV	
<i>Apletodon pellegrini</i>	SHALL	SMALL	MINV	
<i>Apletodon sp.n.</i>	SHALL	SMALL	MINV	
<i>Apogon affinis</i>	SHALL	SMALL	NPLA	
<i>Apogon americanus</i>	MID	MEDSMALL	NPLA	
<i>Apogon anisolepis</i>	SHALL	SMALL	NPLA	
<i>Apogon aurolineatus</i>	SHALL	SMALL	NPLA	
<i>Apogon axillaris</i>	MID	MEDSMALL	NPLA	
<i>Apogon binotatus</i>	DEEP	MEDSMALL	NPLA	
<i>Apogon gouldi</i>	DEEP	SMALL	NPLA	*
<i>Apogon imberbis</i>	VDEEP	MEDSMALL	NPLA	
<i>Apogon kallopterus</i>	VDEEP	MEDSMALL	NPLA	
<i>Apogon lachneri</i>	DEEP	SMALL	NPLA	
<i>Apogon leptocaulus</i>	DEEP	SMALL	NPLA	*
<i>Apogon maculatus</i>	VDEEP	SMALL	NPLA	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Apogon mosavi</i>	DEEP	SMALL	NPLA	*
<i>Apogon phenax</i>	MID	SMALL	NPLA	
<i>Apogon pillionatus</i>	MID	SMALL	NPLA	
<i>Apogon planifrons</i>	SHALL	MEDSMALL	NPLA	
<i>Apogon pseudomaculatus</i>	DEEP	SMALL	NPLA	
<i>Apogon quadrisquamatus</i>	DEEP	SMALL	NPLA	*
<i>Apogon robbyi</i>	DEEP	SMALL	NPLA	
<i>Apogon robinsi</i>	SHALL	MEDSMALL	NPLA	
<i>Apogon townsendi</i>	MID	SMALL	NPLA	
<i>Apsilus dentatus</i>	VDEEP	LARGE	MCAR	
<i>Apsilus fuscus</i>	VDEEP	LARGE	MCAR	
<i>Archosargus probatocephalus</i>	MID	LARGE	MALG	
<i>Archosargus rhomboidalis</i>	MID	MED	MALG	
<i>Arcos macrophthalmus</i>	SHALL	SMALL	MINV	*
<i>Argyrops spinifer</i>	VDEEP	LARGE	MCAR	
<i>Argyrosomus regius</i>	MID	MED	MCAR	*
<i>Argyrozona argyrozona</i>	VDEEP	LARGE	MCAR	
<i>Ariosoma anale</i>	SHALL	MEDSMALL	MCAR	
<i>Ariosoma balearicum</i>	SHALL	MEDSMALL	MCAR	
<i>Arnoglossus capensis</i>	VDEEP	MEDSMALL	SAND	
<i>Arnoglossus imperialis</i>	VDEEP	MEDSMALL	SAND	
<i>Arnoglossus laterna</i>	VDEEP	MEDSMALL	SAND	
<i>Arnoglossus thori</i>	VDEEP	MEDSMALL	SAND	
<i>Arothron firmamentum</i>	VDEEP	MED	SINV	
<i>Arothron hispidus</i>	MID	MED	SINV	
<i>Arothron immaculatus</i>	SHALL	MED	SINV	
<i>Arothron inconditus</i>	VDEEP	MED	SINV	*
<i>Arothron nigropunctatus</i>	VDEEP	LARGE	SINV	*
<i>Arothron stellatus</i>	DEEP	LARGE	SINV	
<i>Aspidontus dussumieri</i>	SHALL	MEDSMALL	SCRP	
<i>Astrapogon alutus</i>	MID	SMALL	NPLA	*
<i>Astrapogon puncticulatus</i>	DEEP	SMALL	NPLA	
<i>Astrapogon stellatus</i>	MID	SMALL	NPLA	
<i>Astroscopus guttatus</i>	SHALL	MED	PISC	*
<i>Astroscopus sexspinosus</i>	MID	MED	PISC	
<i>Astroscopus ygraecum</i>	SHALL	MED	PISC	
<i>Aulostomus chinensis</i>	VDEEP	LARGE	PISC	
<i>Aulostomus maculatus</i>	VDEEP	LARGE	PISC	
<i>Aulostomus strigosus</i>	DEEP	LARGE	PISC	
<i>Austrobatrachus foedus</i>	DEEP	MED	MINV	*
<i>Balistes capriscus</i>	DEEP	LARGE	MINV	
<i>Balistes punctatus</i>	VDEEP	LARGE	MINV	
<i>Balistes vetula</i>	DEEP	MED	MINV	
<i>Barbulifer antennatus</i>	VSHALL	SMALL	MINV	
<i>Barbulifer ceuthoecus</i>	VSHALL	SMALL	MINV	
<i>Bascanichthys bascanium</i>	VDEEP	LARGE	MINV	*
<i>Bascanichthys paulensis</i>	VDEEP	LARGE	MINV	*
<i>Bascanichthys scuticaris</i>	VDEEP	LARGE	MINV	*
<i>Bassanago albescens</i>	VDEEP	LARGE	MCAR	
<i>Bathyblennius antholops</i>	VDEEP	MEDSMALL	OMNI	*
<i>Bathygobius burtoni</i>	VSHALL	SMALL	MINV	
<i>Bathygobius casamancus</i>	VSHALL	SMALL	MINV	
<i>Bathygobius curacao</i>	VSHALL	SMALL	MINV	
<i>Bathygobius mystacium</i>	VSHALL	SMALL	MINV	
<i>Bathygobius soporator</i>	VSHALL	MEDSMALL	MINV	
<i>Batrachthys albofasciatus</i>	DEEP	SMALL	MINV	*
<i>Batrachthys apiatus</i>	DEEP	SMALL	MINV	*
<i>Batrachthys felinus</i>	DEEP	SMALL	MINV	*
<i>Bidenichthys capensis</i>	MID	SMALL	MINV	*
<i>Blennioclinus brachycephalus</i>	VSHALL	MEDSMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Blennioclinus stella</i>	VSHALL	SMALL	MINV	
<i>Blennius normani</i>	VDEEP	MEDSMALL	OMNI	
<i>Blennius ocellaris</i>	VDEEP	MEDSMALL	OMNI	
<i>Blennophis anguillaris</i>	SHALL	MED	MINV	
<i>Blennophis striatus</i>	SHALL	MEDSMALL	MINV	
<i>Bodianus insularis</i>	MID	MED	MINV	
<i>Bodianus pulchellus</i>	VDEEP	MEDSMALL	MINV	
<i>Bodianus rufus</i>	DEEP	MED	MINV	
<i>Bodianus scrofa</i>	VDEEP	MED	MINV	
<i>Bodianus speciosus</i>	DEEP	MED	MINV	
<i>Bollmannia boqueronensis</i>	DEEP	SMALL	MINV	
<i>Bollmannia communis</i>	DEEP	SMALL	MINV	*
<i>Bollmannia eigenmanni</i>	VDEEP	SMALL	MINV	*
<i>Bollmannia litura</i>	MID	SMALL	MINV	*
<i>Boops boops</i>	VDEEP	MED	OMNI	
<i>Boopsidea inornata</i>	MID	MED	OMNI	
<i>Bothus guibei</i>	DEEP	MED	SAND	*
<i>Bothus lunatus</i>	VSHALL	MED	SAND	
<i>Bothus maculiferus</i>	VSHALL	MED	SAND	
<i>Bothus mellissi</i>	DEEP	MED	SAND	*
<i>Bothus ocellatus</i>	VDEEP	MEDSMALL	SAND	
<i>Bothus pantherinus</i>	DEEP	MED	SAND	*
<i>Bothus podas_maderensis</i>	DEEP	MED	SAND	*
<i>Bothus podas_podas</i>	DEEP	MED	SAND	*
<i>Bothus robinsi</i>	VDEEP	MEDSMALL	SAND	
<i>Branchiostegus semifasciatus</i>	VDEEP	LARGE	MCAR	
<i>Brotula barbata</i>	MID	LARGE	MINV	*
<i>Brotula sp.n.</i>	MID	LARGE	MINV	*
<i>Bryx dunckeri</i>	SHALL	SMALL	MINV	
<i>Bryx randalli</i>	SHALL	SMALL	MINV	
<i>Bryx sp.n.</i>	SHALL	SMALL	MINV	
<i>Buenia affinis</i>	SHALL	SMALL	MINV	
<i>Buenia jeffreysii</i>	VDEEP	SMALL	MINV	
<i>Buenia sp.n. (Canaries)</i>	VDEEP	SMALL	MINV	*
<i>Bullisichthys caribbaeus</i>	VDEEP	SMALL	MINV	
<i>Caesio caeruleaurea</i>	MID	MED	MINV	*
<i>Caffrogobius agulhensis</i>	DEEP	MEDSMALL	MINV	
<i>Caffrogobius caffer</i>	DEEP	MEDSMALL	MINV	*
<i>Caffrogobius multifasciatus</i>	DEEP	MEDSMALL	MINV	*
<i>Caffrogobius natalensis</i>	DEEP	MEDSMALL	MINV	*
<i>Caffrogobius nudiceps</i>	DEEP	MEDSMALL	MINV	*
<i>Caffrogobius saldanha</i>	DEEP	MEDSMALL	MINV	*
<i>Calamopteryx goslinei</i>	MID	SMALL	MINV	
<i>Calamopteryx robinsorum</i>	MID	SMALL	MINV	
<i>Calamus arctifrons</i>	MID	MEDSMALL	SAND	
<i>Calamus bajonado</i>	VDEEP	LARGE	SAND	
<i>Calamus calamus</i>	DEEP	LARGE	SAND	
<i>Calamus campechanus</i>	SHALL	MEDSMALL	SAND	
<i>Calamus cervigoni</i>	DEEP	MEDSMALL	SAND	
<i>Calamus leucosteus</i>	DEEP	MED	SAND	
<i>Calamus mu</i>	DEEP	MED	SAND	
<i>Calamus nodosus</i>	DEEP	LARGE	SAND	
<i>Calamus penna</i>	DEEP	MED	SAND	
<i>Calamus pennatula</i>	DEEP	MED	SAND	
<i>Calamus proridens</i>	DEEP	MED	SAND	
<i>Callanthias ruber</i>	VDEEP	LARGE	DPLA	
<i>Calliclinus geniguttatus</i>	SHALL	MEDSMALL	MINV	
<i>Callionymus lyra</i>	VDEEP	MED	MINV	
<i>Callionymus maculatus</i>	VDEEP	MEDSMALL	MINV	
<i>Callionymus marleyi</i>	VDEEP	MEDSMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Callionymus sanctaehelenae</i>	VDEEP	MEDSMALL	MINV	
<i>Campogramma glaycos</i>	MID	LARGE	PISC	
<i>Cancelloxus burrelli</i>	SHALL	MEDSMALL	MINV	
<i>Cancelloxus elongatus</i>	SHALL	SMALL	MINV	
<i>Cantherhines dumerilii</i>	MID	MED	OMNI	
<i>Cantherhines fronticinctus</i>	MID	MEDSMALL	OMNI	
<i>Cantherhines macrocerus</i>	MID	MED	OMNI	
<i>Cantherhines pardalis</i>	SHALL	MEDSMALL	OMNI	
<i>Cantherhines pullus</i>	VSHALL	MEDSMALL	OMNI	
<i>Canthidermis maculatus</i>	SHALL	MED	OMNI	
<i>Canthidermis sufflamen</i>	DEEP	LARGE	OMNI	
<i>Canthigaster bennetti</i>	DEEP	MEDSMALL	SINV	*
<i>Canthigaster capistratus</i>	MID	MEDSMALL	SINV	
<i>Canthigaster figueiredoi</i>	DEEP	MEDSMALL	SINV	
<i>Canthigaster jamestyeri</i>	DEEP	SMALL	SINV	
<i>Canthigaster rivulata</i>	DEEP	MEDSMALL	SINV	*
<i>Canthigaster rostrata</i>	MID	MEDSMALL	SINV	
<i>Canthigaster sanctaehelenae</i>	MID	SMALL	SINV	
<i>Canthigaster solandri</i>	DEEP	MEDSMALL	SINV	*
<i>Canthigaster supramacula</i>	DEEP	SMALL	SINV	*
<i>Carangoides bartholomaei</i>	DEEP	LARGE	PISC	
<i>Carangoides chrysophrys</i>	DEEP	LARGE	PISC	
<i>Carangoides equula</i>	VDEEP	MED	PISC	
<i>Carangoides ferdau</i>	DEEP	LARGE	PISC	
<i>Carangoides gymnotethus</i>	DEEP	LARGE	PISC	
<i>Carangoides ruber</i>	MID	LARGE	PISC	
<i>Caranx crysos</i>	DEEP	LARGE	PISC	
<i>Caranx hippos</i>	VDEEP	LARGE	PISC	
<i>Caranx latus</i>	DEEP	LARGE	PISC	
<i>Caranx lugubris</i>	VDEEP	LARGE	PISC	
<i>Caranx rhonchus</i>	VDEEP	LARGE	PISC	
<i>Caranx senegallus</i>	VDEEP	LARGE	PISC	
<i>Caranx sp.n.</i>	VDEEP	LARGE	PISC	
<i>Carapus acus</i>	VDEEP	MEDSMALL	MINV	*
<i>Carapus bermudensis</i>	VDEEP	MEDSMALL	MINV	
<i>Carapus birpex</i>	VDEEP	MEDSMALL	MINV	*
<i>Carapus cuspis</i>	VDEEP	MEDSMALL	MINV	*
<i>Caulolatilus bermudensis</i>	VDEEP	MED	MCAR	
<i>Caulolatilus chrysops</i>	VDEEP	LARGE	MCAR	
<i>Caulolatilus cyanops</i>	VDEEP	LARGE	MCAR	
<i>Caulolatilus dooleyi</i>	VDEEP	MED	MCAR	
<i>Caulolatilus guppyi</i>	VDEEP	MED	MCAR	
<i>Caulolatilus intermedius</i>	VDEEP	LARGE	MCAR	
<i>Caulolatilus microps</i>	VDEEP	LARGE	MCAR	
<i>Caulolatilus williamsi</i>	VDEEP	MED	MCAR	
<i>Centracanthus cirrus</i>	VDEEP	MED	DPLA	
<i>Centrolabrus coeruleus</i>	MID	MEDSMALL	MINV	
<i>Centrolabrus trutta</i>	SHALL	MEDSMALL	MINV	
<i>Centropristis fuscula</i>	VSHALL	MEDSMALL	MCAR	
<i>Centropristis ocyurus</i>	VSHALL	MED	MCAR	
<i>Centropristis philadelphica</i>	VSHALL	MED	MCAR	
<i>Centropristis striata</i>	VSHALL	LARGE	MCAR	
<i>Centropyge acanthops</i>	MID	SMALL	TURF	
<i>Centropyge argi</i>	DEEP	SMALL	TURF	
<i>Centropyge aurantonotus</i>	VDEEP	SMALL	TURF	
<i>Centropyge resplendens</i>	MID	SMALL	TURF	
<i>Cephalopholis cruentata</i>	MID	MED	MCAR	
<i>Cephalopholis fulva</i>	VDEEP	MED	MCAR	
<i>Cephalopholis nigri</i>	DEEP	MED	MCAR	
<i>Cephalopholis taeniops</i>	VDEEP	LARGE	MCAR	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Cerdale fasciata</i>	MID	SMALL	MINV	
<i>Cerdale floridana</i>	MID	SMALL	MINV	
<i>Chaenopsis cf. stephensi</i>	SHALL	MEDSMALL	MINV	*
<i>Chaenopsis limbaughi</i>	SHALL	MEDSMALL	MINV	*
<i>Chaenopsis megalops</i>	SHALL	MEDSMALL	MINV	
<i>Chaenopsis ocellata</i>	SHALL	MEDSMALL	MINV	
<i>Chaenopsis resh</i>	SHALL	MEDSMALL	MINV	*
<i>Chaenopsis roseola</i>	SHALL	MEDSMALL	MINV	*
<i>Chaenopsis stephensi</i>	SHALL	MEDSMALL	MINV	*
<i>Chaetodon auriga</i>	DEEP	MEDSMALL	SINV	*
<i>Chaetodon capistratus</i>	SHALL	SMALL	SINV	
<i>Chaetodon hoeferi</i>	VDEEP	MED	SINV	
<i>Chaetodon interruptus</i>	DEEP	MEDSMALL	SINV	*
<i>Chaetodon madagaskariensis</i>	MID	MEDSMALL	SINV	
<i>Chaetodon marleyi</i>	VDEEP	MEDSMALL	SINV	
<i>Chaetodon ocellatus</i>	DEEP	MEDSMALL	SINV	
<i>Chaetodon robustus</i>	DEEP	MEDSMALL	SINV	
<i>Chaetodon sanctaehelenae</i>	SHALL	MEDSMALL	SINV	
<i>Chaetodon sedentarius</i>	DEEP	MEDSMALL	SINV	
<i>Chaetodon striatus</i>	DEEP	MEDSMALL	SINV	
<i>Chaetodon unimaculatus</i>	DEEP	MEDSMALL	SINV	*
<i>Chaetodon vagabundus</i>	MID	MEDSMALL	SINV	
<i>Chalaroderma capito</i>	SHALL	MEDSMALL	SCRIP	
<i>Chalaroderma ocellata</i>	SHALL	SMALL	SCRIP	
<i>Channomuraena vittata</i>	DEEP	LARGE	MCAR	
<i>Chanos chanos</i>	MID	LARGE	OMNI	
<i>Chascanopsetta lugubris</i>	VDEEP	MED	SAND	
<i>Chascanopsetta valdeirostratus</i>	VDEEP	MED	SAND	
<i>Chasmodes bosquianus</i>	MID	SMALL	OMNI	
<i>Chasmodes longimaxilla</i>	MID	SMALL	OMNI	
<i>Chasmodes saburrae</i>	MID	SMALL	OMNI	
<i>Chatrabus hendersoni</i>	VDEEP	MEDSMALL	MINV	
<i>Chatrabus melanurus</i>	VDEEP	MED	MINV	
<i>Cheilodactylus fasciatus</i>	VDEEP	MED	MINV	
<i>Cheilodactylus pixi</i>	DEEP	MEDSMALL	MINV	
<i>Cheimerius nufar</i>	VDEEP	LARGE	MCAR	
<i>Chelonodon patoca</i>	DEEP	MED	SINV	*
<i>Chilomycterus antennatus</i>	VSHALL	MED	SINV	
<i>Chilomycterus antillarum</i>	MID	MED	SINV	
<i>Chilomycterus reticulatus</i>	DEEP	MED	SINV	*
<i>Chilomycterus schoepfii</i>	SHALL	MED	SINV	
<i>Chilomycterus spinosus mauretanicus</i>	DEEP	MEDSMALL	SINV	
<i>Chilomycterus spinosus spinosus</i>	VDEEP	MEDSMALL	SINV	
<i>Chilorhinus suensonii</i>	VDEEP	MEDSMALL	MINV	
<i>Chirodactylus brachydactylus</i>	VDEEP	MED	MINV	
<i>Chirodactylus grandis</i>	VDEEP	LARGE	MINV	
<i>Chlopsis bicolor</i>	VDEEP	MEDSMALL	MINV	
<i>Chlopsis dentatus</i>	VDEEP	MEDSMALL	MINV	
<i>Chloroscombrus chrysurus</i>	DEEP	LARGE	DPLA	
<i>Chorisochismus dentex</i>	SHALL	MED	MINV	*
<i>Chriolepis benthonis</i>	SHALL	SMALL	MINV	*
<i>Chriolepis fisheri</i>	SHALL	SMALL	MINV	
<i>Chriolepis vespa</i>	SHALL	SMALL	MINV	*
<i>Chriolepis sp.n.</i>	DEEP	SMALL	MINV	*
<i>Chromis bermudae</i>	DEEP	SMALL	DPLA	
<i>Chromis cadenati</i>	DEEP	MEDSMALL	DPLA	
<i>Chromis chromis</i>	MID	MEDSMALL	DPLA	
<i>Chromis cyanea</i>	DEEP	MEDSMALL	DPLA	
<i>Chromis enchrysurus</i>	VDEEP	SMALL	DPLA	
<i>Chromis flavicauda</i>	DEEP	SMALL	DPLA	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Chromis insolata</i>	DEEP	MEDSMALL	DPLA	
<i>Chromis jubauna</i>	DEEP	SMALL	DPLA	
<i>Chromis limbata</i>	MID	MEDSMALL	DPLA	
<i>Chromis lubbocki</i>	SHALL	MEDSMALL	DPLA	
<i>Chromis multilineata</i>	DEEP	MEDSMALL	DPLA	
<i>Chromis sanctaehelenae</i>	MID	MEDSMALL	DPLA	
<i>Chromis scotti</i>	VDEEP	SMALL	DPLA	
<i>Chromogobius britoi</i>	DEEP	SMALL	MINV	
<i>Chromogobius quadrivittatus</i>	DEEP	SMALL	MINV	
<i>Chromogobius zebratus</i>	DEEP	SMALL	MINV	
<i>Chrysoblephus anglicus</i>	DEEP	LARGE	OMNI	
<i>Chrysoblephus cristiceps</i>	DEEP	LARGE	OMNI	
<i>Chrysoblephus gibbiceps</i>	MID	LARGE	OMNI	
<i>Chrysoblephus laticeps</i>	DEEP	MED	OMNI	
<i>Chrysoblephus puniceus</i>	DEEP	LARGE	OMNI	
<i>Cirriharbis capensis</i>	SHALL	MEDSMALL	MINV	
<i>Cirrhitis atlanticus</i>	VSHALL	MEDSMALL	MINV	
<i>Cirrhitis pinnulatus</i>	VSHALL	MED	MINV	
<i>Citharichthys arctifrons</i>	VDEEP	MEDSMALL	SAND	
<i>Citharichthys arenaceus</i>	VDEEP	MEDSMALL	SAND	
<i>Citharichthys cornutus</i>	VDEEP	SMALL	SAND	
<i>Citharichthys dinoceros</i>	VDEEP	MEDSMALL	SAND	
<i>Citharichthys gymnorhinus</i>	VDEEP	SMALL	SAND	
<i>Citharichthys macrops</i>	DEEP	MEDSMALL	SAND	
<i>Citharichthys minutus</i>	VDEEP	MEDSMALL	SAND	
<i>Citharichthys spilopterus</i>	DEEP	MEDSMALL	SAND	
<i>Citharichthys valdezi</i>	MID	MEDSMALL	SAND	
<i>Citharichthys stampflii</i>	VDEEP	MEDSMALL	SAND	
<i>Clepticus africanus</i>	MID	MED	DPLA	
<i>Clepticus brasiliensis</i>	DEEP	MED	DPLA	
<i>Clepticus parrae</i>	MID	MED	DPLA	
<i>Climacoporus navalis</i>	SHALL	MEDSMALL	MINV	
<i>Clinitrachus argentatus</i>	SHALL	MEDSMALL	MINV	
<i>Clinoporus biporosus</i>	SHALL	MEDSMALL	MINV	
<i>Clinus acuminatus</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus agilis</i>	VSHALL	SMALL	MINV	
<i>Clinus berrisfordi</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus brevicristatus</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus cottoides</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus helenae</i>	VSHALL	SMALL	MINV	
<i>Clinus heterodon</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus latipennis</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus navalis</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus nematopterus</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus robustus</i>	VSHALL	MED	MINV	
<i>Clinus rotundifrons</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus spatulatus</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus superciliosus</i>	VSHALL	MED	MINV	
<i>Clinus taurus</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus venustris</i>	VSHALL	MEDSMALL	MINV	
<i>Clinus woodi</i>	VSHALL	MEDSMALL	MINV	
<i>Conger cinereus</i>	DEEP	LARGE	MCAR	
<i>Conger conger</i>	VDEEP	LARGE	MCAR	
<i>Conger orbignianus</i>	VSHALL	LARGE	MCAR	
<i>Conger triporiceps</i>	SHALL	LARGE	MCAR	
<i>Conger wilsoni</i>	MID	LARGE	MCAR	
<i>Cookeolus japonicus</i>	VDEEP	LARGE	MINV	
<i>Coralliozetus cardonae</i>	SHALL	SMALL	MINV	
<i>Corcyrogobius liechtensteini</i>	MID	SMALL	MINV	
<i>Corcyrogobius lubbocki</i>	MID	SMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Coris atlantica</i>	VDEEP	MED	MINV	
<i>Coris julis</i>	VDEEP	MED	MINV	
<i>Corniger spinosus</i>	VDEEP	MEDSMALL	MINV	
<i>Coryphoblennius galerita</i>	VSHALL	SMALL	SCRP	
<i>Coryphopterus alloides</i>	SHALL	SMALL	MINV	
<i>Coryphopterus dicrus</i>	DEEP	SMALL	MINV	
<i>Coryphopterus eidolon</i>	DEEP	SMALL	MINV	
<i>Coryphopterus glaucofraenum</i>	MID	SMALL	OMNI	
<i>Coryphopterus hyalinus</i>	DEEP	SMALL	DPLA	
<i>Coryphopterus lipernes</i>	MID	SMALL	OMNI	*
<i>Coryphopterus personatus</i>	MID	SMALL	DPLA	
<i>Coryphopterus punctipectophorus</i>	MID	SMALL	OMNI	*
<i>Coryphopterus thrix</i>	DEEP	SMALL	OMNI	
<i>Coryphopterus venezuelae</i>	SHALL	SMALL	OMNI	
<i>Cosmocampus albirostris</i>	MID	MEDSMALL	MINV	
<i>Cosmocampus brachycephalus</i>	VDEEP	SMALL	MINV	*
<i>Cosmocampus elucens</i>	VDEEP	MEDSMALL	MINV	
<i>Cosmocampus hildebrandi</i>	VDEEP	SMALL	MINV	
<i>Cosmocampus profundus</i>	VDEEP	MEDSMALL	MINV	
<i>Cosmocampus retropinnis</i>	VDEEP	MEDSMALL	MINV	
<i>Cremnochorites capensis</i>	SHALL	SMALL	MINV	*
<i>Cryptotomus roseus</i>	DEEP	MEDSMALL	SCRP	
<i>Ctenogobius saepepallens</i>	MID	SMALL	MINV	
<i>Ctenolabrus rupestris</i>	MID	MEDSMALL	MINV	
<i>Cylichthys orbicularis</i>	VDEEP	MED	SINV	
<i>Cylichthys spilostylus</i>	DEEP	MED	SINV	
<i>Cyclosetta chittendeni</i>	VDEEP	MED	SAND	
<i>Cyclosetta decussata</i>	MID	MEDSMALL	SAND	
<i>Cyclosetta fimbriata</i>	VDEEP	MED	SAND	
<i>Cymatoceps nasutus</i>	DEEP	LARGE	OMNI	
<i>Cyprinocirrhites polyactis</i>	VDEEP	MEDSMALL	MINV	
<i>Dactylagnus peratikos</i>	SHALL	SMALL	MINV	*
<i>Dactyloptena orientalis</i>	DEEP	MED	MINV	*
<i>Dactylopterus volitans</i>	DEEP	MED	MINV	
<i>Dactyloscopus boehlkei</i>	MID	SMALL	MINV	*
<i>Dactyloscopus comptus</i>	MID	SMALL	MINV	*
<i>Dactyloscopus crossotus</i>	VSHALL	SMALL	MINV	
<i>Dactyloscopus foraminosus</i>	DEEP	SMALL	MINV	
<i>Dactyloscopus moorei</i>	MID	SMALL	MINV	*
<i>Dactyloscopus poeyi</i>	VSHALL	SMALL	MINV	
<i>Dactyloscopus tridigitatus</i>	SHALL	SMALL	MINV	
<i>Dascyllus trimaculatus</i>	DEEP	MEDSMALL	DPLA	
<i>Decapterus macarellus</i>	VDEEP	MED	PISC	
<i>Decapterus macrosoma</i>	VDEEP	MED	PISC	
<i>Decapterus muroadsi</i>	VDEEP	MED	PISC	
<i>Decapterus punctatus</i>	DEEP	MEDSMALL	PISC	
<i>Decapterus tabl</i>	VDEEP	MED	PISC	
<i>Decodon puellaris</i>	VDEEP	MED	MINV	
<i>Deltentosteus collonianus</i>	DEEP	SMALL	MINV	
<i>Deltentosteus quadrimaculatus</i>	DEEP	SMALL	MINV	*
<i>Dentex angolensis</i>	VDEEP	MED	OMNI	
<i>Dentex barnardi</i>	DEEP	MED	OMNI	
<i>Dentex canariensis</i>	VDEEP	LARGE	OMNI	
<i>Dentex congoensis</i>	VDEEP	MED	OMNI	
<i>Dentex dentex</i>	VDEEP	LARGE	OMNI	
<i>Dentex gibbosus</i>	VDEEP	LARGE	OMNI	
<i>Dentex macrophthalmus</i>	VDEEP	LARGE	OMNI	
<i>Dentex maroccanus</i>	VDEEP	MED	OMNI	
<i>Derilissus altifrons</i>	DEEP	SMALL	MINV	
<i>Derilissus kremnobates</i>	VDEEP	SMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Derilissus nanus</i>	MID	SMALL	MINV	
<i>Derilissus vittiger</i>	DEEP	SMALL	MINV	
<i>Dermatolepis inermis</i>	VDEEP	LARGE	MCAR	
<i>Dermatopsoides kasougae</i>	MID	SMALL	MINV	*
<i>Dermatopsoides talboti</i>	MID	LARGE	MINV	*
<i>Didogobius bentuvii</i>	MID	SMALL	MINV	
<i>Didogobius kochi</i>	MID	SMALL	MINV	
<i>Didogobius schlieweni</i>	MID	SMALL	MINV	
<i>Didogobius sp.n.</i>	MID	SMALL	MINV	
<i>Didogobius splechnai</i>	SHALL	SMALL	MINV	
<i>Diodon eydouxii</i>	DEEP	MED	SINV	*
<i>Diodon holocanthus</i>	DEEP	MED	SINV	
<i>Diodon hystrix</i>	MID	LARGE	SINV	
<i>Diodon liturosus</i>	DEEP	LARGE	SINV	
<i>Diplecogaster b. bimaculata</i>	MID	SMALL	MINV	
<i>Diplecogaster b. pectoralis</i>	MID	SMALL	MINV	*
<i>Diplecogaster ctenocrypta</i>	MID	SMALL	MINV	*
<i>Diplecogaster megalops</i>	MID	SMALL	MINV	*
<i>Diplectrum bivittatum</i>	DEEP	MEDSMALL	MCAR	
<i>Diplectrum formosum</i>	SHALL	MED	MCAR	
<i>Diplectrum radiale</i>	MID	MEDSMALL	MCAR	
<i>Diplodus annularis</i>	DEEP	MEDSMALL	OMNI	
<i>Diplodus argenteus argenteus</i>	MID	MED	OMNI	
<i>Diplodus argenteus caudimacula</i>	MID	MED	OMNI	
<i>Diplodus sargus ascensionis</i>	MID	MEDSMALL	OMNI	
<i>Diplodus bellottii</i>	DEEP	MED	OMNI	
<i>Diplodus bermudensis</i>	MID	MED	OMNI	
<i>Diplodus cervinus cervinus</i>	VDEEP	LARGE	OMNI	
<i>Diplodus cervinus hottentotus</i>	DEEP	LARGE	OMNI	
<i>Diplodus fasciatus</i>	DEEP	MED	OMNI	
<i>Diplodus holbrooki</i>	MID	MED	OMNI	
<i>Diplodus prayensis</i>	DEEP	MED	OMNI	
<i>Diplodus puntazzo</i>	VDEEP	LARGE	OMNI	
<i>Diplodus sargus cadenati</i>	VDEEP	MED	OMNI	
<i>Diplodus sargus capensis</i>	MID	MED	OMNI	
<i>Diplodus sargus helenae</i>	MID	MED	OMNI	
<i>Diplodus sargus lineatus</i>	MID	MED	OMNI	
<i>Diplodus sargus sargus</i>	MID	MED	OMNI	
<i>Diplodus vulgaris</i>	VDEEP	MED	OMNI	
<i>Diplogrammus pauciradiatus</i>	VDEEP	SMALL	MINV	
<i>Doratonotus megalepis</i>	SHALL	SMALL	MINV	
<i>Draculo celetus</i>	VSHALL	SMALL	MINV	
<i>Draculo shango</i>	VSHALL	SMALL	MINV	
<i>Dules auriga</i>	VDEEP	MEDSMALL	MCAR	
<i>Echidna catenata</i>	VSHALL	LARGE	MCAR	
<i>Echidna peli</i>	VSHALL	LARGE	MCAR	*
<i>Echiodon dawsoni</i>	VDEEP	MEDSMALL	MINV	*
<i>Echiodon dentatus</i>	VDEEP	MEDSMALL	MINV	*
<i>Eckloniaichthys scylliorhiniceps</i>	SHALL	SMALL	MINV	*
<i>Ekemblemaria nigra</i>	SHALL	SMALL	MINV	*
<i>Elacatinus atronasus</i>	MID	SMALL	MINV	*
<i>Elacatinus chancei</i>	MID	SMALL	MINV	
<i>Elacatinus dilepis</i>	VSHALL	SMALL	MINV	
<i>Elacatinus evelynae</i>	SHALL	SMALL	MINV	
<i>Elacatinus figaro</i>	DEEP	SMALL	MINV	
<i>Elacatinus gemmatus</i>	VSHALL	SMALL	MINV	
<i>Elacatinus genie</i>	MID	SMALL	MINV	
<i>Elacatinus horsti</i>	MID	SMALL	MINV	
<i>Elacatinus illecebrosus</i>	MID	SMALL	MINV	*
<i>Elacatinus lori</i>	SHALL	SMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Elacatinus louisae</i>	MID	SMALL	MINV	
<i>Elacatinus macrodon</i>	VSHALL	SMALL	MINV	
<i>Elacatinus multifasciatus</i>	MID	SMALL	MINV	*
<i>Elacatinus oceanops</i>	MID	SMALL	MINV	*
<i>Elacatinus pallens</i>	SHALL	SMALL	MINV	
<i>Elacatinus prochilus</i>	MID	SMALL	MINV	
<i>Elacatinus randalli</i>	SHALL	SMALL	MINV	
<i>Elacatinus saucrus</i>	DEEP	SMALL	MINV	*
<i>Elacatinus</i> sp.n. (<i>noronha</i>)	MID	SMALL	MINV	
<i>Elacatinus pridisi</i>	DEEP	SMALL	MINV	
<i>Elacatinus tenox</i>	SHALL	SMALL	MINV	
<i>Elacatinus xanthiprora</i>	SHALL	SMALL	MINV	
<i>Elacatinus zebrella</i>	MID	SMALL	MINV	*
<i>Elagatis bipinnulata</i>	VDEEP	LARGE	PISC	*
<i>Emblemaria atlantica</i>	VDEEP	SMALL	MINV	
<i>Emblemaria australis</i>	MID	SMALL	MINV	
<i>Emblemaria biocellata</i>	MID	SMALL	MINV	*
<i>Emblemaria caldwelli</i>	MID	SMALL	MINV	*
<i>Emblemaria caycedoi</i>	MID	SMALL	MINV	*
<i>Emblemaria culmensis</i>	MID	SMALL	MINV	*
<i>Emblemaria diphyodontis</i>	MID	SMALL	MINV	*
<i>Emblemaria hyltoni</i>	MID	SMALL	MINV	*
<i>Emblemaria pandionis</i>	SHALL	SMALL	MINV	
<i>Emblemaria piratula</i>	MID	SMALL	MINV	
<i>Emblemaria</i> sp.n.	MID	SMALL	MINV	*
<i>Emblemaria vitta</i>	MID	SMALL	MINV	
<i>Emblemariopsis bahamensis</i>	MID	SMALL	MINV	*
<i>Emblemariopsis bottomei</i>	MID	SMALL	MINV	*
<i>Emblemariopsis diaphanus</i>	MID	SMALL	MINV	*
<i>Emblemariopsis leptocirris</i>	MID	SMALL	MINV	*
<i>Emblemariopsis occidentalis</i>	MID	SMALL	MINV	*
<i>Emblemariopsis pricei</i>	MID	SMALL	MINV	*
<i>Emblemariopsis ramirezi</i>	MID	SMALL	MINV	*
<i>Emblemariopsis randalli</i>	MID	SMALL	MINV	*
<i>Emblemariopsis ruetzleri</i>	VSHALL	SMALL	MINV	
<i>Emblemariopsis signifera</i>	DEEP	SMALL	MINV	
<i>Emblemariopsis</i> sp.n.1	MID	SMALL	MINV	*
<i>Emblemariopsis</i> sp.n.2	MID	SMALL	MINV	*
<i>Emblemariopsis</i> sp.n.3	MID	SMALL	MINV	*
<i>Emblemariopsis tayrona</i>	MID	SMALL	MINV	*
<i>Enchelycore anatina</i>	MID	LARGE	MCAR	
<i>Enchelycore carychroa</i>	MID	MED	MCAR	
<i>Enchelycore nigricans</i>	SHALL	LARGE	MCAR	
<i>Engyophrys senta</i>	VDEEP	SMALL	SAND	
<i>Enneacampus ansorgii</i>	SHALL	MEDSMALL	MINV	
<i>Enneacampus kaupi</i>	SHALL	MEDSMALL	MINV	
<i>Enneanectes altivelis</i>	SHALL	SMALL	MINV	
<i>Enneanectes atrorus</i>	MID	SMALL	MINV	
<i>Enneanectes boehlkei</i>	VSHALL	SMALL	MINV	
<i>Enneanectes jordani</i>	SHALL	SMALL	MINV	
<i>Enneanectes</i> n.sp.1	SHALL	SMALL	MINV	
<i>Enneanectes</i> n.sp.2	SHALL	SMALL	MINV	
<i>Enneanectes</i> n.sp.3	SHALL	SMALL	MINV	
<i>Enneanectes pectoralis</i>	SHALL	SMALL	MINV	
<i>Enneanectes smithi</i>	SHALL	SMALL	MINV	
<i>Entelurus aequoreus</i>	DEEP	LARGE	MINV	*
<i>Entomacrodus cadenati</i>	VSHALL	MEDSMALL	TURF	
<i>Entomacrodus nigricans</i>	VSHALL	MEDSMALL	TURF	
<i>Entomacrodus</i> sp.n.	VSHALL	MEDSMALL	TURF	
<i>Entomacrodus textilis</i>	VSHALL	MEDSMALL	TURF	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Entomacrodus vomerinus</i>	VSHALL	MEDSMALL	TURF	
<i>Ehippion guttifer</i>	DEEP	LARGE	SINV	
<i>Epinephelus adscensionis</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus aeneus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus andersoni</i>	MID	LARGE	MCAR	
<i>Epinephelus caninus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus chabaudi</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus costae</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus drummondhayi</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus fasciatus</i>	VDEEP	MED	MCAR	
<i>Epinephelus flavocaeruleus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus flavolimbatus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus gorensis</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus guttatus</i>	MID	MED	MCAR	
<i>Epinephelus haifensis</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus itajara</i>	DEEP	LARGE	MCAR	
<i>Epinephelus lanceolatus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus marginatus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus morio</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus mystacinus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus nigritus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus niveatus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus poecilopus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus rivulatus</i>	VDEEP	LARGE	MCAR	
<i>Epinephelus striatus</i>	SHALL	LARGE	MCAR	
<i>Equetus lanceolatus</i>	DEEP	MEDSMALL	MINV	
<i>Equetus punctatus</i>	VSHALL	MEDSMALL	MINV	
<i>Etelis oculatus</i>	VDEEP	LARGE	PISC	
<i>Etropus crossotus</i>	DEEP	MEDSMALL	SAND	
<i>Etropus cyclosquamus</i>	VDEEP	SMALL	SAND	*
<i>Etropus intermedius</i>	VDEEP	MEDSMALL	SAND	*
<i>Etropus longimanus</i>	VDEEP	MEDSMALL	SAND	
<i>Etropus microstomus</i>	DEEP	MEDSMALL	SAND	
<i>Etropus rimosus</i>	VDEEP	MEDSMALL	SAND	*
<i>Evermannichthys bicolor</i>	VSHALL	SMALL	MINV	*
<i>Evermannichthys convictor</i>	VSHALL	SMALL	MINV	*
<i>Evermannichthys metzelaari</i>	VSHALL	SMALL	MINV	*
<i>Evermannichthys spilus</i>	VSHALL	SMALL	MINV	*
<i>Evermannichthys spongicola</i>	VSHALL	SMALL	MINV	
<i>Fistularia commersonii</i>	VDEEP	LARGE	PISC	
<i>Fistularia petimba</i>	DEEP	LARGE	PISC	*
<i>Fistularia tabacaria</i>	VSHALL	LARGE	PISC	
<i>Foetorepus agassizii</i>	VDEEP	MEDSMALL	MINV	*
<i>Foetorepus dagmarae</i>	VDEEP	MEDSMALL	MINV	*
<i>Foetorepus goodenbeani</i>	VDEEP	MEDSMALL	MINV	*
<i>Fucomimus mus</i>	SHALL	MEDSMALL	MINV	
<i>Gammogobius steinitzi</i>	DEEP	SMALL	MINV	*
<i>Gastropsetta frontalis</i>	VSHALL	MEDSMALL	SAND	
<i>Genypterus blacodes</i>	VDEEP	LARGE	MINV	*
<i>Genypterus brasiliensis</i>	VDEEP	LARGE	MINV	
<i>Gillellus greyae</i>	VSHALL	SMALL	MINV	
<i>Gillellus healae</i>	VSHALL	SMALL	MINV	
<i>Gillellus inescatus</i>	VSHALL	SMALL	MINV	
<i>Gillellus jacksoni</i>	VSHALL	SMALL	MINV	
<i>Gillellus uranidea</i>	SHALL	SMALL	MINV	
<i>Gillellus sp.n.</i>	SHALL	SMALL	MINV	
<i>Ginsburgellus novemlineatus</i>	VSHALL	SMALL	MINV	
<i>Girella stubeli</i>	VSHALL	MEDSMALL	MALG	*
<i>Girella zonata</i>	VSHALL	MEDSMALL	MALG	
<i>Glossogobius callidus</i>	DEEP	SMALL	MINV	*

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Gnatholepis thompsoni</i>	DEEP	SMALL	OMNI	
<i>Gobiesox barbatulus</i>	SHALL	SMALL	MINV	
<i>Gobiesox lucayanus</i>	VSHALL	SMALL	MINV	
<i>Gobiesox marmoratus</i>	SHALL	SMALL	MINV	
<i>Gobiesox nigripinnis</i>	SHALL	SMALL	MINV	
<i>Gobiesox punctulatus</i>	VSHALL	SMALL	MINV	
<i>Gobiesox strumosus</i>	MID	SMALL	MINV	
<i>Gobiosoma grosvenori</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma hemigymnum</i>	VSHALL	SMALL	MINV	
<i>Gobiosoma hildebrandi</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma longipala</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma parri</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma robustum</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma spes</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma spilotum</i>	VSHALL	SMALL	MINV	*
<i>Gobiosoma yucatanum</i>	VSHALL	SMALL	MINV	
<i>Gobius ater</i>	DEEP	SMALL	OMNI	*
<i>Gobius atheriforme</i>	SHALL	SMALL	OMNI	
<i>Gobius auratus</i>	DEEP	SMALL	OMNI	
<i>Gobius bucchichi</i>	DEEP	SMALL	OMNI	*
<i>Gobius cobitis</i>	VSHALL	MED	OMNI	
<i>Gobius cruentatus</i>	DEEP	MEDSMALL	OMNI	*
<i>Gobius fallax</i>	MID	SMALL	OMNI	
<i>Gobius gasteveni</i>	VDEEP	MEDSMALL	OMNI	
<i>Gobius geniporus</i>	DEEP	MEDSMALL	OMNI	*
<i>Gobius kolombatovici</i>	MID	SMALL	OMNI	
<i>Gobius niger</i>	DEEP	MEDSMALL	OMNI	
<i>Gobius paganellus</i>	SHALL	MEDSMALL	OMNI	
<i>Gobius roulei</i>	VDEEP	SMALL	OMNI	
<i>Gobius rubropunctatus</i>	DEEP	SMALL	OMNI	
<i>Gobius senegambiensis</i>	DEEP	SMALL	OMNI	*
<i>Gobius strictus</i>	MID	SMALL	OMNI	
<i>Gobius tetrophthalmus</i>	SHALL	SMALL	OMNI	
<i>Gobius vittatus</i>	DEEP	SMALL	OMNI	*
<i>Gobius xanthocephalus</i>	DEEP	SMALL	OMNI	*
<i>Gobulus myersi</i>	SHALL	SMALL	MINV	
<i>Gonioplectrus hispanus</i>	VDEEP	MED	MCAR	
<i>Gorgasia inferomaculata</i>	MID	LARGE	DPLA	
<i>Gorogobius nigricinctus</i>	DEEP	SMALL	MINV	*
<i>Gouania wildenowi</i>	VSHALL	SMALL	MINV	
<i>Gramma brasiliensis</i>	MID	MEDSMALL	MINV	
<i>Gramma linki</i>	VDEEP	SMALL	MINV	
<i>Gramma loreto</i>	MID	SMALL	MINV	
<i>Gramma melacara</i>	DEEP	SMALL	MINV	
<i>Grammonoides opisthodon</i>	MID	MEDSMALL	MINV	*
<i>Grammonus claudoi</i>	DEEP	SMALL	MINV	
<i>Grammonus longhursti</i>	VSHALL	MEDSMALL	MINV	
<i>Gymnocrotaphus curvidens</i>	DEEP	MED	OMNI	
<i>Gymnothorax afer</i>	MID	LARGE	MCAR	
<i>Gymnothorax bacalladoi</i>	SHALL	LARGE	MCAR	
<i>Gymnothorax conspersus</i>	VDEEP	LARGE	MCAR	
<i>Gymnothorax favagineus</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax funebris</i>	DEEP	LARGE	MCAR	
<i>Gymnothorax hubbsi</i>	VDEEP	MED	MCAR	
<i>Gymnothorax johnsoni</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax kolpos</i>	VDEEP	LARGE	MCAR	
<i>Gymnothorax maderensis</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax mareei</i>	SHALL	MED	MCAR	
<i>Gymnothorax margaritophorus</i>	SHALL	LARGE	MCAR	
<i>Gymnothorax meleagris</i>	MID	LARGE	MCAR	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Gymnothorax miliaris</i>	DEEP	LARGE	MCAR	
<i>Gymnothorax moringa</i>	VDEEP	LARGE	MCAR	
<i>Gymnothorax nigromarginatus</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax ocellatus</i>	VDEEP	LARGE	MCAR	
<i>Gymnothorax polygonius</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax saxicola</i>	SHALL	LARGE	MCAR	
<i>Gymnothorax undulatus</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax unicolor</i>	VDEEP	LARGE	MCAR	*
<i>Gymnothorax vicinus</i>	DEEP	LARGE	MCAR	
<i>Haemulon album</i>	MID	MED	MINV	
<i>Haemulon aurolineatum</i>	DEEP	MEDSMALL	MINV	
<i>Haemulon bonariense</i>	MID	MED	MINV	*
<i>Haemulon boschmae</i>	DEEP	MEDSMALL	MINV	
<i>Haemulon canna</i>	MID	MED	MINV	*
<i>Haemulon carbonarium</i>	SHALL	MED	MINV	
<i>Haemulon chrysargyreum</i>	VSHALL	MEDSMALL	MINV	
<i>Haemulon flavolineatum</i>	SHALL	MEDSMALL	MINV	
<i>Haemulon macrostomum</i>	MID	MED	MINV	
<i>Haemulon melanurum</i>	DEEP	MED	MINV	
<i>Haemulon parra</i>	DEEP	MED	MINV	
<i>Haemulon plumieri</i>	DEEP	MED	MINV	
<i>Haemulon sciurus</i>	SHALL	MED	MINV	
<i>Haemulon squamipinna</i>	MID	MEDSMALL	MINV	
<i>Haemulon striatum</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres bathyphilus</i>	VDEEP	MEDSMALL	MINV	
<i>Halichoeres bivittatus</i>	SHALL	MEDSMALL	MINV	
<i>Halichoeres brasiliensis</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres caudalis</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres cyanocephalus</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres dimidiatus</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres garnoti</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres maculipinna</i>	SHALL	MEDSMALL	MINV	
<i>Halichoeres nebulosus</i>	MID	MEDSMALL	MINV	
<i>Halichoeres penrosei</i>	MID	MEDSMALL	MINV	
<i>Halichoeres pictus</i>	SHALL	SMALL	MINV	
<i>Halichoeres poeyi</i>	DEEP	MEDSMALL	MINV	
<i>Halichoeres radiatus</i>	DEEP	LARGE	MINV	
<i>Halichoeres socialis</i>	VSHALL	SMALL	MINV	
<i>Halichoeres</i> sp.n. (G.of Mexico)		VDEEP	MEDSMALL	MINV
<i>Halidesmus scapularis</i>	SHALL	MEDSMALL	MINV	
<i>Halieutaea fitzsimonsi</i>	VDEEP	MED	MINV	
<i>Halieutichthys aculeatus</i>	VDEEP	SMALL	MINV	
<i>Halobatrachus didactylus</i>	DEEP	MEDSMALL	MINV	*
<i>Helcogramma obtusirostre</i>	MID	SMALL	MINV	
<i>Helcogrammoides cunninghami</i>	SHALL	SMALL	MINV	
<i>Hemiemblemaria simulus</i>	SHALL	SMALL	MINV	
<i>Heteroleotris zonata</i>	DEEP	SMALL	MINV	*
<i>Heteroconger camelopardalis</i>	MID	MED	DPLA	
<i>Heteroconger longissimus</i>	DEEP	MED	DPLA	
<i>Heteroconger luteolus</i>	MID	MED	DPLA	*
<i>Heteropriacanthus cruentatus</i>	VDEEP	LARGE	MINV	
<i>Hippocampus</i> aff. <i>reidi</i>	DEEP	MEDSMALL	MINV	
<i>Hippocampus algiricus</i>	MID	MEDSMALL	MINV	*
<i>Hippocampus capensis</i>	SHALL	MEDSMALL	MINV	
<i>Hippocampus erectus</i>	DEEP	MEDSMALL	MINV	
<i>Hippocampus guttulatus</i>	MID	MEDSMALL	MINV	*
<i>Hippocampus hippocampus</i>	DEEP	MEDSMALL	MINV	
<i>Hippocampus ramulosus</i>	MID	MEDSMALL	MINV	*
<i>Hippocampus reidi</i>	DEEP	MEDSMALL	MINV	
<i>Hippocampus zosterae</i>	VSHALL	SMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Histrio histrio</i>	VSHALL	MEDSMALL	PISC	
<i>Holacanthus africanus</i>	MID	MED	SPON	
<i>Holacanthus bermudensis</i>	DEEP	MED	SPON	
<i>Holacanthus ciliaris</i>	DEEP	MED	SPON	
<i>Holacanthus tricolor</i>	DEEP	MED	SPON	
<i>Holanthias natalensis</i>	VDEEP	MED	DPLA	*
<i>Holocentrus adscensionis</i>	VDEEP	MED	MINV	
<i>Holocentrus rufus</i>	MID	MEDSMALL	MINV	
<i>Hypleurochilus aequipinnis</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus bananensis</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus bermudensis</i>	VSHALL	MEDSMALL	MINV	
<i>Hypleurochilus caudovittatus</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus fissicornis</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus geminatus</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus langi</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus multifilis</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus pseudoaequipinnis</i>	VSHALL	SMALL	MINV	
<i>Hypleurochilus springeri</i>	VSHALL	SMALL	MINV	
<i>Hypoplectrus aberrans</i>	SHALL	MEDSMALL	MINV	*
<i>Hypoplectrus chlorurus</i>	SHALL	MEDSMALL	MINV	*
<i>Hypoplectrus gemma</i>	SHALL	MEDSMALL	MINV	*
<i>Hypoplectrus gummigutta</i>	MID	MEDSMALL	MINV	
<i>Hypoplectrus guttavarius</i>	SHALL	MEDSMALL	MINV	
<i>Hypoplectrus indigo</i>	MID	MEDSMALL	MINV	
<i>Hypoplectrus nigricans</i>	VSHALL	MEDSMALL	MINV	
<i>Hypoplectrus providencianus</i>	SHALL	MEDSMALL	MINV	*
<i>Hypoplectrus puella</i>	SHALL	SMALL	MINV	
<i>Hypoplectrus</i> sp. (<i>tan hamlet</i>)	SHALL	MEDSMALL	MINV	*
<i>Hypoplectrus unicolor</i>	SHALL	MEDSMALL	MINV	
<i>Hypsoblennius exstochilus</i>	VSHALL	SMALL	MINV	
<i>Hypsoblennius hentz</i>	VSHALL	SMALL	MINV	
<i>Hypsoblennius invemar</i>	VSHALL	SMALL	MINV	
<i>Hypsoblennius ionthas</i>	VSHALL	SMALL	MINV	
<i>Ichthyapus ophioneus</i>	MID	MED	MINV	
<i>Istiblennius edentulus</i>	VSHALL	MEDSMALL	OMNI	
<i>Jeboehlkia gladifer</i>	VDEEP	MED	MINV	*
<i>Kaupichthys hypororoides</i>	VDEEP	MEDSMALL	MINV	
<i>Knipowitschia caucasica</i>	DEEP	SMALL	MINV	*
<i>Knipowitschia panizzae</i>	DEEP	SMALL	MINV	*
<i>Kuhlia mugil</i>	SHALL	MED	DPLA	
<i>Kyphosus bigibbus</i>	MID	LARGE	MALG	
<i>Kyphosus incisor</i>	MID	LARGE	MALG	
<i>Kyphosus sectatrix</i>	MID	LARGE	MALG	
<i>Kyphosus vaigiensis</i>	SHALL	LARGE	MALG	
<i>Labrisomus albigenys</i>	SHALL	SMALL	MINV	
<i>Labrisomus bucciferus</i>	VSHALL	SMALL	MINV	
<i>Labrisomus cricota</i>	SHALL	SMALL	MINV	
<i>Labrisomus filamentosus</i>	SHALL	SMALL	MINV	
<i>Labrisomus gobio</i>	SHALL	SMALL	MINV	
<i>Labrisomus guppyi</i>	VSHALL	MEDSMALL	MINV	
<i>Labrisomus haitiensis</i>	SHALL	SMALL	MINV	
<i>Labrisomus kalisheriae</i>	SHALL	SMALL	MINV	
<i>Labrisomus nigricinctus</i>	VSHALL	SMALL	MINV	
<i>Labrisomus nuchipinnis</i>	VSHALL	MEDSMALL	MINV	
<i>Labrisomus</i> sp.n.	SHALL	SMALL	MINV	
<i>Labroides dimidiatus</i>	MID	MEDSMALL	MINV	
<i>Labrus bergylta</i>	MID	LARGE	MINV	
<i>Labrus bimaculatus</i>	VDEEP	MED	MINV	
<i>Labrus merula</i>	DEEP	MED	MINV	*
<i>Labrus viridis</i>	VSHALL	MED	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Lachnolaimus maximus</i>	DEEP	LARGE	MINV	
<i>Lactophrys bicaudalis</i>	MID	MED	OMNI	
<i>Lactophrys trigonus</i>	MID	MED	OMNI	
<i>Lactophrys triquetra</i>	VSHALL	MED	OMNI	
<i>Lactoria cornuta</i>	DEEP	MED	OMNI	
<i>Lactoria diaphana</i>	MID	MED	OMNI	
<i>Lactoria fornasini</i>	DEEP	MEDSMALL	OMNI	
<i>Lagodon rhomboides</i>	DEEP	MED	OMNI	
<i>Lappanella fasciata</i>	VDEEP	MEDSMALL	MINV	
<i>Lappanella guineensis</i>	DEEP	MEDSMALL	MINV	
<i>Lebetus guilleti</i>	DEEP	SMALL	MINV	*
<i>Lebetus scorpioides</i>	DEEP	SMALL	MINV	*
<i>Lecanogaster chrysea</i>	SHALL	SMALL	MINV	*
<i>Leiuranus semicinctus</i>	DEEP	LARGE	MINV	
<i>Lepadogaster candollei</i>	VSHALL	SMALL	MINV	
<i>Lepadogaster lepadogaster lepadogaster</i>	VSHALL	SMALL	MINV	
<i>Lepadogaster lepadogaster purpurea</i>	VSHALL	SMALL	MINV	
<i>Lepadogaster zebrina</i>	VSHALL	SMALL	MINV	
<i>Lesueurigobius friesii</i>	VDEEP	SMALL	MINV	*
<i>Lesueurigobius heterofasciatus</i>	VDEEP	SMALL	MINV	*
<i>Lesueurigobius koumansii</i>	VDEEP	MEDSMALL	MINV	
<i>Lesueurigobius sanzoi</i>	VDEEP	MEDSMALL	MINV	
<i>Lesueurigobius suerii</i>	VDEEP	SMALL	MINV	
<i>Lethrinus atlanticus</i>	MID	MED	MCAR	
<i>Lethrinus nebulosus</i>	DEEP	LARGE	MCAR	
<i>Leurochilus acon</i>	VSHALL	SMALL	MINV	
<i>Lichia amia</i>	MID	LARGE	PISC	
<i>Liopropoma aberrans</i>	VDEEP	SMALL	MINV	
<i>Liopropoma carmabi</i>	DEEP	SMALL	MINV	
<i>Liopropoma eukrines</i>	DEEP	SMALL	MINV	
<i>Liopropoma mowbrayi</i>	DEEP	SMALL	MINV	
<i>Liopropoma rubre</i>	MID	SMALL	MINV	
<i>Liopropoma sp.n. (bahia)</i>	DEEP	SMALL	MINV	
<i>Liopropoma sp.n. (stome)</i>	DEEP	SMALL	MINV	
<i>Lipogramma anabantoides</i>	MID	SMALL	MINV	
<i>Lipogramma evides</i>	VDEEP	SMALL	MINV	
<i>Lipogramma flavescens</i>	VDEEP	SMALL	MINV	
<i>Lipogramma klayi</i>	VDEEP	SMALL	MINV	
<i>Lipogramma regium</i>	VDEEP	SMALL	MINV	
<i>Lipogramma robinsi</i>	VDEEP	SMALL	MINV	
<i>Lipogramma roseum</i>	VDEEP	SMALL	MINV	
<i>Lipogramma trilineatum</i>	DEEP	SMALL	MINV	
<i>Lipophrys adriaticus</i>	VSHALL	SMALL	MINV	
<i>Lipophrys basiliscus</i>	SHALL	MEDSMALL	MINV	
<i>Lipophrys bauchotae</i>	VSHALL	MEDSMALL	MINV	*
<i>Lipophrys caboverdensis</i>	VSHALL	SMALL	MINV	
<i>Lipophrys canevae</i>	VSHALL	SMALL	MINV	
<i>Lipophrys dalmatinus</i>	VSHALL	MEDSMALL	MINV	*
<i>Lipophrys nigriceps</i>	VSHALL	MEDSMALL	MINV	*
<i>Lipophrys pholis</i>	VSHALL	MED	MINV	
<i>Lipophrys velifer</i>	VSHALL	SMALL	MINV	
<i>Lithognathus aureti</i>	VDEEP	LARGE	OMNI	
<i>Lithognathus lithognathus</i>	VDEEP	LARGE	OMNI	
<i>Lithognathus mormyrus</i>	VDEEP	LARGE	OMNI	
<i>Lonchopisthus higmani</i>	DEEP	MEDSMALL	DPLA	
<i>Lonchopisthus lemur</i>	VDEEP	MEDSMALL	DPLA	
<i>Lonchopisthus micrognathus</i>	VDEEP	MEDSMALL	DPLA	
<i>Lonchopisthus sp.n.</i>	VDEEP	MEDSMALL	DPLA	
<i>Lophiodon calori</i>	DEEP	MED	SINV	*
<i>Lopholatilus chamaeonticeps</i>	VDEEP	LARGE	MCAR	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Lopholatilus villarii</i>	VDEEP	LARGE	MCAR	
<i>Lucayablennius zingaro</i>	VSHALL	SMALL	MINV	
<i>Lutjanus agennes</i>	VDEEP	LARGE	MCAR	
<i>Lutjanus analis</i>	DEEP	LARGE	MCAR	
<i>Lutjanus apodus</i>	DEEP	LARGE	MCAR	
<i>Lutjanus buccanella</i>	VDEEP	LARGE	MCAR	
<i>Lutjanus campechanus</i>	DEEP	LARGE	MCAR	
<i>Lutjanus cyanopterus</i>	DEEP	LARGE	MCAR	
<i>Lutjanus dentatus</i>	VDEEP	LARGE	MCAR	*
<i>Lutjanus endecacanthus</i>	VDEEP	LARGE	MCAR	*
<i>Lutjanus fulgens</i>	DEEP	LARGE	MCAR	
<i>Lutjanus goreensis</i>	VDEEP	LARGE	MCAR	*
<i>Lutjanus griseus</i>	VDEEP	LARGE	MCAR	
<i>Lutjanus jocu</i>	DEEP	LARGE	MCAR	
<i>Lutjanus mahogoni</i>	DEEP	MED	MCAR	
<i>Lutjanus purpureus</i>	VDEEP	LARGE	MCAR	
<i>Lutjanus sanguineus</i>	DEEP	LARGE	MCAR	
<i>Lutjanus synagris</i>	VDEEP	MED	MCAR	
<i>Lutjanus vivanus</i>	VDEEP	LARGE	MCAR	
<i>Lythrypnus brasiliensis</i>	DEEP	SMALL	MINV	
<i>Lythrypnus crocodilus</i>	SHALL	SMALL	MINV	*
<i>Lythrypnus elasson</i>	MID	SMALL	MINV	
<i>Lythrypnus heterochroma</i>	SHALL	SMALL	MINV	
<i>Lythrypnus minimus</i>	SHALL	SMALL	MINV	*
<i>Lythrypnus mowbrayi</i>	SHALL	SMALL	MINV	*
<i>Lythrypnus nesiotus</i>	VSHALL	SMALL	MINV	
<i>Lythrypnus okapia</i>	SHALL	SMALL	MINV	
<i>Lythrypnus phorellus</i>	SHALL	SMALL	MINV	*
<i>Lythrypnus sp.1 (noronha)</i>	SHALL	SMALL	MINV	*
<i>Lythrypnus sp.2 (trindade)</i>	SHALL	SMALL	MINV	*
<i>Lythrypnus spilus</i>	MID	SMALL	MINV	
<i>Malacanthus plumieri</i>	VDEEP	LARGE	MCAR	
<i>Malacoctenus africanus</i>	SHALL	SMALL	MINV	
<i>Malacoctenus aurolineatus</i>	VSHALL	SMALL	MINV	
<i>Malacoctenus boehlkei</i>	SHALL	SMALL	MINV	
<i>Malacoctenus delalandii</i>	SHALL	SMALL	MINV	
<i>Malacoctenus erdmani</i>	VSHALL	SMALL	MINV	
<i>Malacoctenus gilli</i>	VSHALL	SMALL	MINV	
<i>Malacoctenus macropus</i>	VSHALL	SMALL	MINV	
<i>Malacoctenus sp.1 (aff. triangulatus)</i>	MID	SMALL	MINV	
<i>Malacoctenus sp.2 (trindade)</i>	SHALL	SMALL	MINV	
<i>Malacoctenus sp.3 (St Pauls)</i>	SHALL	SMALL	MINV	
<i>Malacoctenus sp.4 (Noronha)</i>	SHALL	SMALL	MINV	
<i>Malacoctenus triangulatus</i>	SHALL	SMALL	MINV	
<i>Malacoctenus versicolor</i>	VSHALL	SMALL	MINV	
<i>Mauligobius maderensis</i>	VSHALL	MEDSMALL	MINV	
<i>Mauligobius nigri</i>	VSHALL	SMALL	MINV	
<i>Melichthys niger</i>	DEEP	MED	OMNI	
<i>Microdesmus aethiopicus</i>	VSHALL	SMALL	MINV	
<i>Microdesmus africanus</i>	VSHALL	MEDSMALL	MINV	*
<i>Microdesmus bahianus</i>	VSHALL	MEDSMALL	MINV	*
<i>Microdesmus carri</i>	VSHALL	SMALL	MINV	
<i>Microdesmus lanceolatus</i>	VSHALL	MEDSMALL	MINV	*
<i>Microdesmus longipinnis</i>	VSHALL	MED	MINV	
<i>Microdesmus luscus</i>	VSHALL	MEDSMALL	MINV	*
<i>Micrognathus andersonii</i>	SHALL	MEDSMALL	MINV	
<i>Micrognathus crinitus</i>	SHALL	MEDSMALL	MINV	
<i>Micrognathus erugatus</i>	SHALL	MEDSMALL	MINV	
<i>Microgobius carri</i>	VSHALL	SMALL	MINV	
<i>Microgobius microlepis</i>	VSHALL	SMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Microspathodon chrysurus</i>	SHALL	MEDSMALL	THER	
<i>Microspathodon frontatus</i>	VSHALL	MEDSMALL	THER	
<i>Millerigobius macrocephalus</i>	VSHALL	SMALL	MINV	
<i>Minyichthys inusitatus</i>	VDEEP	SMALL	MINV	
<i>Minyichthys sentus</i>	DEEP	SMALL	MINV	
<i>Minyichthys</i> sp.n.	VDEEP	SMALL	MINV	
<i>Monacanthus ciliatus</i>	MID	MEDSMALL	OMNI	
<i>Monacanthus tuckeri</i>	VSHALL	SMALL	OMNI	
<i>Monishia william</i>	VSHALL	SMALL	MINV	
<i>Monolene antillarum</i>	VDEEP	MEDSMALL	SAND	
<i>Monolene atrimana</i>	VDEEP	MEDSMALL	SAND	
<i>Monolene megalepis</i>	VDEEP	MEDSMALL	SAND	
<i>Monolene mertensi</i>	VDEEP	MEDSMALL	SAND	
<i>Monolene microstoma</i>	VDEEP	MEDSMALL	SAND	
<i>Monolene sessilicauda</i>	VDEEP	MEDSMALL	SAND	
<i>Monopenchelys acuta</i>	VDEEP	LARGE	MCAR	*
<i>Moringua edwardsi</i>	SHALL	LARGE	MCAR	
<i>Mulloidichthys flavolineatus</i>	MID	MED	SAND	
<i>Mulloidichthys martinicus</i>	DEEP	MED	SAND	
<i>Mullus argentinae</i>	DEEP	MED	SAND	
<i>Mullus auratus</i>	DEEP	MEDSMALL	SAND	
<i>Mullus barbatus</i>	VDEEP	MED	SAND	
<i>Mullus surmuletus</i>	DEEP	MED	SAND	
<i>Muraena augusti</i>	VDEEP	LARGE	MCAR	
<i>Muraena helena</i>	VDEEP	LARGE	MCAR	
<i>Muraena melanotis</i>	MID	LARGE	MCAR	
<i>Muraena pavonina</i>	MID	LARGE	MCAR	
<i>Muraena retifera</i>	VDEEP	LARGE	MCAR	*
<i>Muraena robusta</i>	VDEEP	LARGE	MCAR	*
<i>Muraenoclinus dorsalis</i>	VSHALL	SMALL	MINV	
<i>Mycteroperca acutirostris</i>	VDEEP	LARGE	PISC	*
<i>Mycteroperca bonaci</i>	DEEP	LARGE	PISC	
<i>Mycteroperca cidi</i>	VDEEP	LARGE	PISC	*
<i>Mycteroperca fusca</i>	VDEEP	LARGE	PISC	
<i>Mycteroperca interstitialis</i>	MID	LARGE	PISC	
<i>Mycteroperca microlepis</i>	VDEEP	LARGE	PISC	*
<i>Mycteroperca phenax</i>	VDEEP	LARGE	PISC	*
<i>Mycteroperca rubra</i>	VDEEP	LARGE	PISC	
<i>Mycteroperca tigris</i>	SHALL	LARGE	PISC	
<i>Mycteroperca venenosa</i>	VDEEP	LARGE	PISC	
<i>Myrichthys breviceps</i>	VSHALL	LARGE	MINV	
<i>Myrichthys ocellatus</i>	VSHALL	LARGE	MINV	
<i>Myrichthys pardalis</i>	VSHALL	LARGE	MINV	*
<i>Myripristis jacobus</i>	DEEP	MEDSMALL	MINV	
<i>Myroconger compressus</i>	VDEEP	LARGE	MCAR	*
<i>Myxodagnus belone</i>	VSHALL	SMALL	MINV	
<i>Nannocampus elegans</i>	DEEP	MEDSMALL	MINV	*
<i>Naso brevirostris</i>	VDEEP	LARGE	DPLA	
<i>Nemaclinus atelestos</i>	SHALL	SMALL	MINV	
<i>Nemadactylus bergi</i>	VDEEP	MED	MINV	
<i>Nemanthias carberryi</i>	VDEEP	MED	DPLA	*
<i>Nematogobius ansorgii</i>	VSHALL	SMALL	MINV	
<i>Nematogobius brachynemus</i>	VSHALL	SMALL	MINV	
<i>Nematogobius maindroni</i>	VSHALL	SMALL	MINV	
<i>Neoconger mucronatus</i>	VDEEP	MED	MCAR	
<i>Neomerinthe beanorum</i>	VDEEP	MEDSMALL	MINV	
<i>Neomerinthe folgori</i>	VDEEP	MED	MINV	
<i>Neomerinthe hemingwayi</i>	VDEEP	MED	MINV	
<i>Neoniphon marianus</i>	SHALL	MEDSMALL	MINV	
<i>Nerophis lumbriciformis</i>	SHALL	MED	MINV	*

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Nerophis maculatus</i>	SHALL	MED	MINV	
<i>Nerophis ophidion</i>	SHALL	MED	MINV	
<i>Nes longus</i>	SHALL	SMALL	MINV	
<i>Nicholsina usta_collettei</i>	MID	MEDSMALL	SCRP	
<i>Nicholsina usta_usta</i>	DEEP	MED	SCRP	
<i>Oblada melanura</i>	MID	MED	OMNI	
<i>Ocyurus chrysurus</i>	VDEEP	LARGE	MCAR	
<i>Odondebuena balearica</i>	DEEP	SMALL	MINV	
<i>Odontoscion dentex</i>	MID	MED	MCAR	*
<i>Odonus niger</i>	MID	MED	OMNI	
<i>Ogcocephalus corniger</i>	VDEEP	MEDSMALL	MINV	
<i>Ogcocephalus cubifrons</i>	DEEP	MED	MINV	
<i>Ogcocephalus declivirostris</i>	VDEEP	MEDSMALL	MINV	
<i>Ogcocephalus nasutus</i>	VDEEP	MEDSMALL	MINV	
<i>Ogcocephalus notatus</i>	VDEEP	MEDSMALL	MINV	*
<i>Ogcocephalus pantostictus</i>	MID	MED	MINV	
<i>Ogcocephalus parvus</i>	VDEEP	SMALL	MINV	
<i>Ogcocephalus pumilus</i>	VDEEP	SMALL	MINV	
<i>Ogcocephalus radiatus</i>	DEEP	MED	MINV	
<i>Ogcocephalus rostellum</i>	VDEEP	MEDSMALL	MINV	
<i>Ogcocephalus vespertilio</i>	VDEEP	MED	MINV	
<i>Ogilbia cayorum</i>	MID	SMALL	MINV	*
<i>Ogilbia</i> sp.1 (Abrolhos)	MID	SMALL	MINV	*
<i>Ogilbia</i> sp.2	MID	SMALL	MINV	*
<i>Oligolepis acutipennis</i>	VSHALL	MEDSMALL	MINV	
<i>Oligolepis keiensis</i>	VSHALL	SMALL	MINV	
<i>Omobranchus woodi</i>	VSHALL	SMALL	MINV	
<i>Opeatogenys cadenati</i>	VSHALL	SMALL	MINV	
<i>Opeatogenys gracilis</i>	VSHALL	SMALL	MINV	
<i>Ophichthus apicalis</i>	SHALL	MED	MINV	
<i>Ophichthus brasiliensis</i>	VDEEP	LARGE	MINV	*
<i>Ophichthus cruentifer</i>	VDEEP	MED	MINV	
<i>Ophichthus cylindroideus</i>	MID	LARGE	MINV	
<i>Ophichthus menezesi</i>	VDEEP	LARGE	MINV	*
<i>Ophichthus ophis</i>	MID	LARGE	MINV	
<i>Ophichthus rufus</i>	VDEEP	LARGE	MINV	*
<i>Ophichthus unicolor</i>	VDEEP	MED	MINV	*
<i>Ophidion barbatum</i>	SHALL	SMALL	MINV	
<i>Ophidion beani</i>	SHALL	SMALL	MINV	
<i>Ophidion grayi</i>	SHALL	SMALL	MINV	
<i>Ophidion holbrookii</i>	DEEP	MED	MINV	
<i>Ophidion lagochila</i>	SHALL	SMALL	MINV	
<i>Ophidion marginatum</i>	SHALL	SMALL	MINV	
<i>Ophidion nocomis</i>	SHALL	SMALL	MINV	
<i>Ophidion selenops</i>	SHALL	SMALL	MINV	
<i>Ophidion</i> sp.	DEEP	SMALL	MINV	
<i>Ophidion</i> sp. (Carolina)	SHALL	SMALL	MINV	
<i>Ophidion</i> va? n.sp.	SHALL	SMALL	MINV	
<i>Ophidion welshi</i>	SHALL	SMALL	MINV	
<i>Ophioblennius atlanticus</i>	VSHALL	MEDSMALL	THER	
<i>Ophioblennius macclurei</i>	VSHALL	MEDSMALL	THER	
<i>Ophioblennius</i> sp.	VSHALL	MEDSMALL	THER	
<i>Ophioblennius</i> sp.EA	VSHALL	MEDSMALL	THER	
<i>trinitatis</i>	VSHALL	MEDSMALL	THER	
<i>Ophiogobius ophicephalus</i>	DEEP	SMALL	MINV	*
<i>Ophisurus serpens</i>	VDEEP	LARGE	MINV	
<i>Opistognathus aurifrons</i>	MID	SMALL	DPLA	
<i>Opistognathus brasiliensis</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus cuvieri</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus gilberti</i>	MID	SMALL	DPLA	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Opistognathus leprocarus</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus lonchurus</i>	MID	SMALL	DPLA	*
<i>Opistognathus macrognathus</i>	SHALL	MEDSMALL	DPLA	
<i>Opistognathus maxillosus</i>	SHALL	MEDSMALL	DPLA	
<i>Opistognathus megalepis</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus melachasme</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus nothus</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus robinsi</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus signatus</i>	MID	MEDSMALL	DPLA	*
<i>Opistognathus sp.n.(aff. aurifrons)</i>	DEEP	MEDSMALL	DPLA	
<i>Opistognathus whitehursti</i>	VSHALL	SMALL	DPLA	
<i>Opsanus beta</i>	VSHALL	MED	MINV	
<i>Opsanus dichrostomus</i>	VSHALL	MEDSMALL	MINV	
<i>Opsanus pardus</i>	VSHALL	MEDSMALL	MINV	
<i>Opsanus phobetron</i>	VSHALL	MEDSMALL	MINV	
<i>Opsanus tau</i>	VSHALL	MEDSMALL	MINV	
<i>Orthopristis chrysoptera</i>	VDEEP	MED	MINV	*
<i>Orthopristis ruber</i>	VDEEP	MED	MINV	
<i>Ostichthys trachypoma</i>	DEEP	MEDSMALL	MINV	*
<i>Ostracion cubicus</i>	VDEEP	MED	OMNI	
<i>Ostracion meleagris</i>	MID	MEDSMALL	OMNI	
<i>Otophidium chickcharney</i>	SHALL	SMALL	MINV	
<i>Otophidium dormitator</i>	SHALL	SMALL	MINV	
<i>Otophidium omostigmum</i>	MID	MEDSMALL	MINV	
<i>Pachymetopon aeneum</i>	MID	LARGE	OMNI	
<i>Pachymetopon blochii</i>	MID	MED	OMNI	
<i>Pachymetopon grande</i>	MID	LARGE	OMNI	
<i>Pagellus acarne</i>	VDEEP	MED	SAND	
<i>Pagellus bellottii bellottii</i>	VDEEP	MED	SAND	
<i>Pagellus bellottii natalensis</i>	VDEEP	MED	SAND	
<i>Pagellus bogaraveo</i>	VDEEP	LARGE	SAND	
<i>Pagellus erythrinus</i>	VDEEP	MED	SAND	
<i>Pagrus africanus</i>	VDEEP	LARGE	SAND	
<i>Pagrus auriga</i>	VDEEP	LARGE	SAND	
<i>Pagrus caeruleostictus</i>	VDEEP	LARGE	SAND	
<i>Pagrus pagrus</i>	VDEEP	LARGE	SAND	
<i>Palatogobius paradoxus</i>	DEEP	SMALL	MINV	*
<i>Parablennius cornutus</i>	VSHALL	SMALL	OMNI	
<i>Parablennius dialloi</i>	VSHALL	SMALL	OMNI	
<i>Parablennius gattorugine</i>	VSHALL	SMALL	OMNI	
<i>Parablennius goreensis</i>	VSHALL	SMALL	OMNI	
<i>Parablennius incognitus</i>	VSHALL	SMALL	OMNI	
<i>Parablennius marmoreus</i>	VSHALL	SMALL	OMNI	
<i>Parablennius parvicornis</i>	VSHALL	SMALL	OMNI	
<i>Parablennius pilicornis</i>	VSHALL	SMALL	OMNI	
<i>Parablennius rouxi</i>	VSHALL	SMALL	OMNI	
<i>Parablennius ruber</i>	VSHALL	SMALL	OMNI	
<i>Parablennius salensis</i>	VSHALL	SMALL	OMNI	
<i>Parablennius sanguinolentus</i>	VSHALL	SMALL	OMNI	
<i>Parablennius sierraensis</i>	VSHALL	SMALL	OMNI	
<i>Parablennius tentacularis</i>	VSHALL	SMALL	OMNI	
<i>Parablennius verryceni</i>	VSHALL	SMALL	OMNI	
<i>Parablennius zvonimiri</i>	VSHALL	SMALL	OMNI	
<i>Paracallionymus costatus</i>	VDEEP	MEDSMALL	MINV	
<i>Paraclinus arcanus</i>	SHALL	SMALL	MINV	
<i>Paraclinus barbatus</i>	MID	SMALL	MINV	
<i>Paraclinus cingulatus</i>	VSHALL	SMALL	MINV	
<i>Paraclinus fasciatus</i>	VSHALL	SMALL	MINV	
<i>Paraclinus grandicomis</i>	VSHALL	SMALL	MINV	
<i>Paraclinus infrons</i>	MID	SMALL	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Paraclinus marmoratus</i>	VSHALL	SMALL	MINV	
<i>Paraclinus naeorhegmis</i>	VSHALL	SMALL	MINV	
<i>Paraclinus nigripinnis</i>	VSHALL	SMALL	MINV	
<i>Paraclinus rubicundus</i>	SHALL	SMALL	MINV	
<i>Paraclinus spectator</i>	SHALL	SMALL	MINV	
<i>Paraconger guianensis</i>	DEEP	LARGE	MCAR	
<i>Paraconger macrops</i>	DEEP	MED	MCAR	
<i>Paraconger notialis</i>	MID	LARGE	MCAR	
<i>Paradiplogrammus bairdi</i>	DEEP	MEDSMALL	MINV	
<i>Parakuhlia macrophthalmus</i>	MID	MEDSMALL	DPLA	
<i>Paralabrax dewegeri</i>	MID	MED	MCAR	
<i>Paralichthys albigutta</i>	VSHALL	MED	SAND	
<i>Paralichthys brasiliensis</i>	VDEEP	MED	SAND	*
<i>Paralichthys dentatus</i>	VDEEP	MED	SAND	*
<i>Paralichthys isosceles</i>	VDEEP	MED	SAND	
<i>Paralichthys lethostigma</i>	MID	LARGE	SAND	
<i>Paralichthys oblongus</i>	VDEEP	MED	SAND	
<i>Paralichthys orbignyanus</i>	MID	MED	SAND	
<i>Paralichthys patagonicus</i>	VDEEP	MED	SAND	
<i>Paralichthys squamilentus</i>	VDEEP	MED	SAND	*
<i>Paralichthys triocellatus</i>	VDEEP	MED	SAND	
<i>Paralichthys tropicus</i>	VDEEP	MED	SAND	
<i>Paralipophrys trigloides</i>	VSHALL	MEDSMALL	OMNI	
<i>Paranthias furcifer</i>	DEEP	MED	DPLA	
<i>Parapercis atlantica</i>	VDEEP	MEDSMALL	MCAR	
<i>Parapercis fasciatus?</i>	VDEEP	MEDSMALL	MCAR	
<i>Parapercis maritzi</i>	VDEEP	MEDSMALL	MCAR	
<i>Parapercis multifasciatus</i>	VDEEP	MEDSMALL	MCAR	
<i>Parapercis robinsoni</i>	DEEP	MED	MCAR	
<i>Parapristipoma humile</i>	DEEP	MED	MINV	
<i>Parapristipoma octolineatum</i>	DEEP	MED	MINV	
<i>Parasphyraenops atrimanus</i>	DEEP	SMALL	DPLA	
<i>Parasphyraenops incisus</i>	DEEP	SMALL	DPLA	*
<i>Pareques acuminatus</i>	DEEP	MEDSMALL	MINV	
<i>Pareques iwamotoi</i>	DEEP	MEDSMALL	MINV	
<i>Pareques umbrosus</i>	DEEP	MEDSMALL	MINV	
<i>Pariah scotius</i>	DEEP	SMALL	MINV	*
<i>Parophidion schmidti</i>	MID	SMALL	MINV	*
<i>Parophidion vassali</i>	MID	MEDSMALL	MINV	*
<i>Parrella macropteryx</i>	MID	SMALL	MINV	
<i>Parupeneus barberinus</i>	DEEP	LARGE	SAND	
<i>Parupeneus indicus</i>	SHALL	MED	SAND	
<i>Parupeneus rubescens</i>	DEEP	MED	SAND	
<i>Pavoclinus graminis</i>	VSHALL	MEDSMALL	MINV	
<i>Pavoclinus laurentii</i>	VSHALL	MEDSMALL	MINV	
<i>Pavoclinus litorafontis</i>	VSHALL	MEDSMALL	MINV	
<i>Pavoclinus mentalis</i>	VSHALL	MED	MINV	
<i>Pavoclinus myae</i>	VSHALL	SMALL	MINV	
<i>Pavoclinus pavo</i>	VSHALL	MEDSMALL	MINV	
<i>Pavoclinus profundus</i>	MID	SMALL	MINV	
<i>Pavoclinus smalei</i>	SHALL	SMALL	MINV	
<i>Pempheris poeyi</i>	MID	MEDSMALL	NPLA	
<i>Pempheris schomburgki</i>	MID	MEDSMALL	NPLA	
<i>Penetopteryx nanus</i>	DEEP	SMALL	MINV	*
<i>Periophthalmus barbarus</i>	VSHALL	MEDSMALL	MINV	
<i>Perulibatrachus elminensis</i>	DEEP	MED	MINV	
<i>Perulibatrachus rossignoli</i>	DEEP	MED	MINV	
<i>Pervagor janthinosoma</i>	DEEP	MED	OMNI	*
<i>Petrotyx sanguineus</i>	MID	MEDSMALL	MINV	*
<i>Petrus rupestris</i>	VSHALL	LARGE	OMNI	
<i>Phaeoptyx conklini</i>	SHALL	SMALL	NPLA	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Phaeoptyx pigmentaria</i>	MID	SMALL	NPLA	
<i>Phaeoptyx xenus</i>	MID	SMALL	NPLA	
<i>Pinguipes brasilianus</i>	VDEEP	LARGE	MCAR	
<i>Pisodonophis boro</i>	MID	LARGE	MINV	*
<i>Pisodonophis cancrivorus</i>	MID	LARGE	MINV	*
<i>Pisodonophis semicinctus</i>	MID	LARGE	MINV	
<i>Plagiotremus rhinorhynchus</i>	MID	MEDSMALL	MINV	
<i>Plagiotremus tapeinosoma</i>	MID	MEDSMALL	MINV	
<i>Platycephalus indicus</i>	VDEEP	LARGE	MCAR	
<i>Platygilellus brasiliensis</i>	VSHALL	SMALL	MINV	
<i>Platygilellus rubrocinctus</i>	SHALL	SMALL	MINV	
<i>Platygilellus smithi</i>	VSHALL	SMALL	MINV	
<i>Plectorhinchus chubbi</i>	DEEP	LARGE	MINV	*
<i>Plectorhinchus macrolepis</i>	VSHALL	MED	MINV	
<i>Plectorhinchus mediterraneus</i>	VDEEP	LARGE	MINV	
<i>Plectranthias garrupellus</i>	VDEEP	SMALL	DPLA	
<i>Plectrypops retrospinnis</i>	SHALL	MEDSMALL	MINV	
<i>Polysteganus praeorbitalis</i>	MID	LARGE	OMNI	
<i>Polysteganus undulosus</i>	MID	LARGE	OMNI	
<i>Pomacanthus arcuatus</i>	MID	MED	SPON	
<i>Pomacanthus paru</i>	DEEP	MED	SPON	
<i>Pomacanthus rhomboides</i>	DEEP	MED	SPON	*
<i>Pomacanthus semicirculatus</i>	MID	MED	SPON	
<i>Pomatoschistus bathi</i>	VDEEP	SMALL	MINV	*
<i>Pomatoschistus canestrinii</i>	VDEEP	SMALL	MINV	*
<i>Pomatoschistus knerii</i>	VDEEP	SMALL	MINV	*
<i>Pomatoschistus marmoratus</i>	DEEP	SMALL	MINV	
<i>Pomatoschistus minutus</i>	VDEEP	MEDSMALL	MINV	
<i>Pomatoschistus norvegicus</i>	VDEEP	SMALL	MINV	
<i>Pomatoschistus pictus</i>	DEEP	SMALL	MINV	
<i>Pomatoschistus quagga</i>	VDEEP	SMALL	MINV	*
<i>Pomatoschistus tortonesei</i>	VDEEP	SMALL	MINV	*
<i>Pontinus accraensis</i>	VDEEP	MED	MINV	
<i>Pontinus castor</i>	VDEEP	MED	MINV	
<i>Pontinus corallinus</i>	DEEP	MED	MINV	
<i>Pontinus kuhlii</i>	VDEEP	LARGE	MINV	
<i>Pontinus leda</i>	VDEEP	MED	MINV	
<i>Pontinus longispinis</i>	VDEEP	MEDSMALL	MINV	
<i>Pontinus nematophthalmus</i>	VDEEP	MEDSMALL	MINV	
<i>Pontinus nigropunctatus</i>	VDEEP	MED	MINV	
<i>Pontinus rathbuni</i>	VDEEP	MEDSMALL	MINV	
<i>Porcostoma dentata</i>	VDEEP	MED	OMNI	
<i>Porichthys kymosemeum</i>	DEEP	MED	MINV	
<i>Porichthys oculo frenum</i>	DEEP	MED	MINV	
<i>Porichthys pauciradiatus</i>	VDEEP	MED	MINV	
<i>Porichthys plectrodon</i>	DEEP	MED	MINV	
<i>Porichthys porosissimus</i>	VDEEP	MED	MINV	
<i>Porogobius schlegelii</i>	DEEP	MEDSMALL	MINV	*
<i>Priacanthus arenatus</i>	VDEEP	MED	MINV	
<i>Priacanthus hamrur</i>	VDEEP	MED	MINV	
<i>Priolepis ascensionis</i>	VDEEP	SMALL	MINV	
<i>Priolepis dawsoni</i>	VDEEP	SMALL	MINV	
<i>Priolepis hipoliti</i>	VDEEP	SMALL	MINV	
<i>Priolepis robinsi</i>	VDEEP	SMALL	MINV	
<i>Priolepis sp.n.</i>	VDEEP	SMALL	MINV	
<i>Prionurus biafraensis</i>	VSHALL	MEDSMALL	SCRP	
<i>Pristigenys alta</i>	VDEEP	MED	MINV	
<i>Pristigenys nipponia</i>	VDEEP	MED	MINV	
<i>Pristipomoides aquilonaris</i>	VDEEP	LARGE	PISC	
<i>Pristipomoides freemani</i>	VDEEP	LARGE	PISC	
<i>Pristipomoides macrophthalmus</i>	VDEEP	MED	PISC	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Prognathodes aculeatus</i>	DEEP	SMALL	SINV	
<i>Prognathodes aya</i>	VDEEP	MEDSMALL	SINV	
<i>Prognathodes brasiliensis</i>	DEEP	SMALL	SINV	
<i>Prognathodes dichrous</i>	SHALL	MEDSMALL	SINV	
<i>Prognathodes guyanensis</i>	VDEEP	MEDSMALL	SINV	
<i>Prognathodes marcellae</i>	VDEEP	MEDSMALL	SINV	
<i>Prognathodes obliquus</i>	DEEP	MEDSMALL	SINV	
<i>Pronotogrammus martinicensis</i>	VDEEP	MEDSMALL	DPLA	
<i>Protemblemaria punctata</i>	SHALL	SMALL	MINV	*
<i>Psammogobius knysnaensis</i>	DEEP	SMALL	MINV	*
<i>Pseudalutarius nasicornis</i>	DEEP	MEDSMALL	OMNI	
<i>Pseudaphya ferreri</i>	DEEP	SMALL	MINV	*
<i>Pseudocaranx dentex</i>	VDEEP	LARGE	DPLA	
<i>Pseudogramma gregoryi</i>	SHALL	SMALL	MINV	
<i>Pseudogramma guineensis</i>	SHALL	SMALL	MINV	*
<i>Pseudopercis numida</i>	VDEEP	LARGE	MCAR	
<i>Pseudopercis semifasciata</i>	DEEP	LARGE	MCAR	
<i>Pseudorhombus arsius</i>	VDEEP	MED	SAND	
<i>Pseudorhombus elevatus</i>	VDEEP	MEDSMALL	SAND	
<i>Pseudorhombus elevatus</i>	VDEEP	MEDSMALL	SAND	
<i>Pseudupeneus maculatus</i>	DEEP	MED	SAND	
<i>Pseudupeneus prayensis</i>	VDEEP	LARGE	SAND	
<i>Psilotris alepis</i>	SHALL	SMALL	MINV	
<i>Psilotris amblyrhynchus</i>	MID	SMALL	MINV	*
<i>Psilotris batrachodes</i>	DEEP	SMALL	MINV	
<i>Psilotris boehlkei</i>	MID	SMALL	MINV	*
<i>Psilotris celsus</i>	SHALL	SMALL	MINV	
<i>Psilotris kaufmani</i>	MID	SMALL	MINV	*
<i>Ptereleotris calliurus</i>	MID	MEDSMALL	DPLA	
<i>Ptereleotris helenae</i>	DEEP	MEDSMALL	DPLA	
<i>Ptereleotris randalli</i>	DEEP	MEDSMALL	DPLA	
<i>Pterogymnus lanarius</i>	VDEEP	MED	OMNI	
<i>Pterois miles</i>	VDEEP	MED	MINV	
<i>Pycnomma roosevelti</i>	DEEP	SMALL	MINV	*
<i>Quassiremus ascensionis</i>	SHALL	LARGE	MINV	
<i>Raneya fluminensis</i>	MID	MEDSMALL	MINV	*
<i>Redigobius dewaali</i>	DEEP	SMALL	MINV	*
<i>Rhabdosargus globiceps</i>	DEEP	LARGE	OMNI	
<i>Rhabdosargus holubi</i>	DEEP	MED	OMNI	
<i>Rhabdosargus sarba</i>	DEEP	LARGE	OMNI	
<i>Rhinecanthus aculeatus</i>	MID	MED	OMNI	
<i>Rhinecanthus rectangulus</i>	SHALL	MED	OMNI	
<i>Rhomboplites aurorubens</i>	DEEP	LARGE	PISC	
<i>Ribeiroclinus eigenmanni</i>	VDEEP	SMALL	MINV	
<i>Risor ruber</i>	DEEP	SMALL	MINV	
<i>Rypticus bistrispinus</i>	VSHALL	MEDSMALL	MCAR	
<i>Rypticus bornoi</i>	MID	MEDSMALL	MCAR	*
<i>Rypticus maculatus</i>	MID	MEDSMALL	MCAR	*
<i>Rypticus saponaceus</i>	DEEP	MED	MCAR	
<i>Rypticus subbifrenatus</i>	SHALL	MEDSMALL	MCAR	
<i>Salaria basilisca</i>	SHALL	MEDSMALL	OMNI	
<i>Salaria pavo</i>	VSHALL	MEDSMALL	OMNI	
<i>Sanopus astrifer</i>	SHALL	MEDSMALL	MINV	
<i>Sanopus barbatus</i>	SHALL	MEDSMALL	MINV	
<i>Sanopus greenfieldorum</i>	SHALL	MEDSMALL	MINV	
<i>Sanopus johnsoni</i>	SHALL	MEDSMALL	MINV	
<i>Sanopus reticularis</i>	SHALL	MEDSMALL	MINV	
<i>Sanopus splendidus</i>	SHALL	MEDSMALL	MINV	
<i>Sargocentron bullisi</i>	VDEEP	MEDSMALL	MINV	
<i>Sargocentron coruscum</i>	SHALL	SMALL	MINV	
<i>Sargocentron hastatus</i>	MID	MEDSMALL	MINV	*

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Sargocentron poco</i>	SHALL	MEDSMALL	MINV	
<i>Sargocentron punctatissimum</i>	MID	MEDSMALL	MINV	*
<i>Sargocentron vexillarium</i>	SHALL	MEDSMALL	MINV	
<i>Sarpa salpa</i>	DEEP	LARGE	MALG	
<i>Saurida brasiliensis</i>	VDEEP	MEDSMALL	PISC	
<i>Saurida caribbaea</i>	VDEEP	MEDSMALL	PISC	
<i>Saurida gracilis</i>	VDEEP	MED	PISC	
<i>Saurida normani</i>	DEEP	MED	PISC	
<i>Saurida suspicio</i>	SHALL	SMALL	PISC	
<i>Saurida undosquamis</i>	VDEEP	MED	PISC	
<i>Scartella caboverdiana</i>	VSHALL	SMALL	SCRIP	
<i>Scartella cristata</i>	VSHALL	SMALL	SCRIP	
<i>Scartella emarginata</i>	VSHALL	SMALL	SCRIP	
<i>Scartella nuchifilis</i>	VSHALL	SMALL	SCRIP	
<i>Scartella sp.n.(Noronha&Atol)</i>	VSHALL	SMALL	SCRIP	
<i>Scartella sp.n.(Trindade)</i>	VSHALL	SMALL	SCRIP	
<i>Scartella springeri</i>	VSHALL	SMALL	SCRIP	
<i>Scarus coelestinus</i>	MID	LARGE	EXCV	
<i>Scarus coeruleus</i>	VSHALL	LARGE	SCRIP	
<i>Scarus ghobban</i>	MID	LARGE	SCRIP	
<i>Scarus guacamaia</i>	MID	LARGE	EXCV	
<i>Scarus hoefleri</i>	MID	LARGE	SCRIP	
<i>Scarus iserti</i>	SHALL	MED	SCRIP	
<i>Scarus taeniopterus</i>	SHALL	MED	SCRIP	
<i>Scarus trispinosus</i>	DEEP	LARGE	EXCV	
<i>Scarus vetula</i>	SHALL	LARGE	SCRIP	
<i>Scarus zelindae</i>	DEEP	MED	SCRIP	
<i>Schultzea beta</i>	VDEEP	MEDSMALL	DPLA	
<i>Sciaena umbra</i>	MID	MED	MCAR	*
<i>Scolecenchelys gymnotus</i>	VDEEP	LARGE	MINV	*
<i>Scolecenchelys laticaudata</i>	VDEEP	LARGE	MINV	*
<i>Scomberoides commersonnianus</i>	SHALL	LARGE	PISC	
<i>Scorpaena agassizii</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena albifimbria</i>	SHALL	SMALL	MINV	
<i>Scorpaena angolensis</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena annobonae</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena ascensionis</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena azorica</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena bergii</i>	VSHALL	MEDSMALL	MINV	
<i>Scorpaena brachyptera</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena brasiliensis</i>	DEEP	MEDSMALL	MINV	
<i>Scorpaena calcarata</i>	DEEP	MEDSMALL	MINV	
<i>Scorpaena canariensis</i>	VDEEP	MEDSMALL	MINV	
<i>Scorpaena dispar</i>	VDEEP	MEDSMALL	MINV	
<i>Scorpaena elachys</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena elongata</i>	VDEEP	MED	MINV	
<i>Scorpaena grandicornis</i>	SHALL	MED	MINV	
<i>Scorpaena inermis</i>	DEEP	MEDSMALL	MINV	
<i>Scorpaena isthmensis</i>	VDEEP	MEDSMALL	MINV	
<i>Scorpaena laevis</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena loppei</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena maderensis</i>	MID	MEDSMALL	MINV	
<i>Scorpaena melasma</i>	DEEP	MEDSMALL	MINV	
<i>Scorpaena mellissii</i>	VDEEP	MEDSMALL	MINV	*
<i>Scorpaena normani</i>	VDEEP	MEDSMALL	MINV	
<i>Scorpaena notata</i>	VDEEP	MEDSMALL	MINV	
<i>Scorpaena petricola</i>	DEEP	MEDSMALL	MINV	*
<i>Scorpaena plumieri</i>	DEEP	MED	MINV	
<i>Scorpaena porcus</i>	VDEEP	MED	MINV	
<i>Scorpaena scrofa</i>	VDEEP	MED	MINV	
<i>Scorpaena stephanica</i>	VDEEP	MED	MINV	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Scorpaenodes africanus</i>	MID	LARGE	MINV	
<i>Scorpaenodes arenai</i>	MID	MEDSMALL	MINV	
<i>Scorpaenodes caribbaeus</i>	MID	MEDSMALL	MINV	
<i>Scorpaenodes elongatus</i>	MID	MED	MINV	*
<i>Scorpaenodes insularis</i>	MID	MED	MINV	*
<i>Scorpaenodes tredecimspinosus</i>	DEEP	SMALL	MINV	
<i>Sebastapistes cyanostigma</i>	MID	SMALL	MINV	
<i>Sebastes capensis</i>	VDEEP	MED	MINV	
<i>Selar crumenophthalmus</i>	MID	MED	DPLA	
<i>Seriola carpenteri</i>	VDEEP	LARGE	PISC	
<i>Seriola dumerili</i>	VDEEP	LARGE	PISC	
<i>Seriola fasciata</i>	VDEEP	LARGE	PISC	
<i>Seriola lalandi</i>	VDEEP	LARGE	PISC	
<i>Seriola rivoliana</i>	VDEEP	LARGE	PISC	
<i>Seriola zonata</i>	VDEEP	LARGE	PISC	
<i>Seriolina nigrofasciata</i>	VDEEP	LARGE	PISC	
<i>Serraniculus pumilio</i>	MID	SMALL	MINV	
<i>Serranus accraensis</i>	VDEEP	MEDSMALL	MINV	
<i>Serranus africanus</i>	VDEEP	MEDSMALL	MINV	
<i>Serranus annularis</i>	DEEP	SMALL	MINV	
<i>Serranus atricauda</i>	VDEEP	MEDSMALL	MINV	*
<i>Serranus atrobranchus</i>	VDEEP	MEDSMALL	MINV	*
<i>Serranus baldwini</i>	DEEP	SMALL	MINV	
<i>Serranus cabrilla</i>	VDEEP	MED	MINV	
<i>Serranus chionaraia</i>	DEEP	SMALL	MINV	
<i>Serranus dewegeri</i>	MID	MED	MINV	
<i>Serranus flaviventris</i>	VDEEP	SMALL	MINV	
<i>Serranus hepatus</i>	DEEP	MEDSMALL	MINV	
<i>Serranus luciopercanus</i>	VDEEP	MEDSMALL	MINV	*
<i>Serranus maytagi</i>	VDEEP	MEDSMALL	MINV	*
<i>Serranus notospilus</i>	VDEEP	SMALL	MINV	
<i>Serranus phoebe</i>	VDEEP	MEDSMALL	MINV	
<i>Serranus sanctaehelenae</i>	VDEEP	LARGE	MINV	
<i>Serranus scriba</i>	VDEEP	MED	MINV	
<i>Serranus sp.n.(cf notospilus)</i>	VDEEP	MEDSMALL	MINV	*
<i>Serranus sp.n. (Stome)</i>	VDEEP	MEDSMALL	MINV	*
<i>Serranus subligarius</i>	SHALL	SMALL	MINV	
<i>Serranus tabacarius</i>	MID	MEDSMALL	MINV	
<i>Serranus tigrinus</i>	MID	MEDSMALL	MINV	
<i>Serranus tortugarum</i>	VDEEP	SMALL	DPLA	
<i>Siganus sutor</i>	MID	MED	TURF	
<i>Similiparma hermani</i>	SHALL	MEDSMALL	THER	
<i>Smithichthys fucorum</i>	SHALL	MEDSMALL	MINV	
<i>Solitas grueli</i>	VDEEP	MEDSMALL	MCAR	
<i>Spaniblennius clandestinus</i>	MID	SMALL	OMNI	
<i>Spaniblennius rioudourensis</i>	MID	SMALL	OMNI	
<i>Sparisoma amplum</i>	DEEP	LARGE	SCRP	
<i>Sparisoma atomarium</i>	DEEP	MEDSMALL	SCRP	
<i>Sparisoma aurofrenatum</i>	SHALL	MED	SCRP	
<i>Sparisoma axillare</i>	DEEP	MED	SCRP	
<i>Sparisoma chrysopterum</i>	MID	MED	SCRP	
<i>Sparisoma cretense</i>	MID	MED	SCRP	
<i>Sparisoma griseorubra</i>	DEEP	MED	SCRP	
<i>Sparisoma frondosum</i>	DEEP	MED	SCRP	
<i>Sparisoma radians</i>	SHALL	MEDSMALL	MALG	
<i>Sparisoma rubripinne</i>	SHALL	MED	SCRP	
<i>Sparisoma sp. (aff_rubripinne)</i>	SHALL	MED	SCRP	
<i>Sparisoma strigatum</i>	SHALL	MED	SCRP	
<i>Sparisoma tuiupiranga</i>	SHALL	MEDSMALL	SCRP	
<i>Sparisoma viride</i>	MID	LARGE	EXCV	
<i>Sparodon durbanensis</i>	DEEP	LARGE	OMNI	
<i>Sparus aurata</i>	VDEEP	LARGE	OMNI	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Speleogobius trigloides</i>	SHALL	SMALL	MINV	
<i>Sphoeroides dorsalis</i>	VSHALL	MED	SINV	*
<i>Sphoeroides maculatus</i>	VSHALL	MED	SINV	*
<i>Sphoeroides marmoratus</i>	VSHALL	MED	SINV	*
<i>Sphoeroides nephelus</i>	SHALL	MED	SINV	
<i>Sphoeroides pachygaster</i>	VSHALL	MED	SINV	*
<i>Sphoeroides spengleri</i>	VSHALL	MEDSMALL	SINV	
<i>Sphoeroides testudineus</i>	VSHALL	MED	SINV	
<i>Spicara alta</i>	VDEEP	MED	DPLA	
<i>Spicara australis</i>	VDEEP	MED	DPLA	
<i>Spicara axillaris</i>	VDEEP	MED	DPLA	
<i>Spicara flexuosa</i>	VDEEP	MEDSMALL	DPLA	
<i>Spicara maena</i>	VDEEP	MEDSMALL	DPLA	
<i>Spicara melanurus</i>	VDEEP	MED	DPLA	
<i>Spicara nigricauda</i>	DEEP	MEDSMALL	DPLA	
<i>Spicara smaris</i>	VDEEP	MEDSMALL	DPLA	
<i>Spondyliosoma cantharus</i>	VDEEP	LARGE	OMNI	
<i>Spondyliosoma emarginatum</i>	DEEP	MED	OMNI	
<i>Starksia atlantica</i>	SHALL	SMALL	MINV	
<i>Starksia brasiliensis</i>	SHALL	SMALL	MINV	
<i>Starksia culebrae</i>	SHALL	SMALL	MINV	
<i>Starksia elongata</i>	SHALL	SMALL	MINV	
<i>Starksia fasciata</i>	VSHALL	SMALL	MINV	
<i>Starksia guttata</i>	SHALL	SMALL	MINV	
<i>Starksia hassi</i>	SHALL	SMALL	MINV	
<i>Starksia lepicoelia</i>	SHALL	SMALL	MINV	
<i>Starksia leucovitta</i>	SHALL	SMALL	MINV	
<i>Starksia melasma</i>	SHALL	SMALL	MINV	
<i>Starksia multilepis</i>	SHALL	SMALL	MINV	
<i>Starksia nanodes</i>	SHALL	SMALL	MINV	
<i>Starksia occidentalis</i>	SHALL	SMALL	MINV	
<i>Starksia ocellata</i>	SHALL	SMALL	MINV	
<i>Starksia rava</i>	SHALL	SMALL	MINV	
<i>Starksia sella</i>	SHALL	SMALL	MINV	
<i>Starksia sluiteri</i>	SHALL	SMALL	MINV	
<i>Starksia smithvanizi</i>	SHALL	SMALL	MINV	
<i>Starksia</i> sp.n.5 (Trindade)	SHALL	SMALL	MINV	
<i>Starksia</i> sp.n.6 (La_Rocha)	SHALL	SMALL	MINV	
<i>Starksia</i> sp.n.7 (aff_fasciata)	SHALL	SMALL	MINV	
<i>Starksia starcki</i>	SHALL	SMALL	MINV	
<i>Starksia variabilis</i>	SHALL	SMALL	MINV	
<i>Starksia y-lineata</i>	SHALL	SMALL	MINV	
<i>Stathmonotus gymnodermis</i>	VSHALL	SMALL	MINV	
<i>Stathmonotus hemphillii</i>	VSHALL	SMALL	MINV	
<i>Stathmonotus</i> sp.	VSHALL	SMALL	MINV	
<i>Stathmonotus stahli stahli</i>	VSHALL	SMALL	MINV	
<i>Stathmonotus stahli tekla</i>	VSHALL	SMALL	MINV	
<i>Stegastes adustus</i>	VSHALL	MEDSMALL	THER	
<i>Stegastes diencaeus</i>	SHALL	MEDSMALL	THER	
<i>Stegastes fuscus</i>	SHALL	MEDSMALL	THER	
<i>Stegastes imbricatus</i>	SHALL	SMALL	THER	
<i>Stegastes leucostictus</i>	VSHALL	SMALL	THER	
<i>Stegastes lubbocki</i>	MID	SMALL	THER	
<i>Stegastes otophorus</i>	VSHALL	MEDSMALL	THER	
<i>Stegastes partitus</i>	DEEP	SMALL	THER	
<i>Stegastes pictus</i>	DEEP	SMALL	THER	
<i>Stegastes planifrons</i>	MID	MEDSMALL	THER	
<i>Stegastes rocasensis</i>	VSHALL	SMALL	THER	
<i>Stegastes sanctaehelenae</i>	MID	SMALL	THER	
<i>Stegastes sanctipauli</i>	MID	SMALL	THER	
<i>Stegastes</i> sp. (aff_variabilis)	MID	MEDSMALL	THER	
<i>Stegastes uenfi</i>	SHALL	MEDSMALL	THER	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Stegastes variabilis</i>	MID	MEDSMALL	THER	
<i>Stenotomus caprinus</i>	VDEEP	MED	OMNI	
<i>Stenotomus chrysops</i>	SHALL	MED	OMNI	
<i>Stephanolepis auratus</i>	DEEP	MEDSMALL	OMNI	*
<i>Stephanolepis hispidus</i>	DEEP	MEDSMALL	OMNI	
<i>Stephanolepis setifer</i>	MID	MEDSMALL	OMNI	
<i>Stethojulis interrupta</i>	SHALL	MEDSMALL	MINV	
<i>Stethojulis strigiventer</i>	SHALL	MEDSMALL	MINV	
<i>Storrsia olsoni</i>	VSHALL	SMALL	MINV	
<i>Stygnobrotula latebricola</i>	SHALL	SMALL	MINV	
<i>Sufflogobius bibarbatu</i>	VDEEP	MEDSMALL	MINV	
<i>Syacium guineensis</i>	DEEP	MEDSMALL	SAND	
<i>Syacium gunteri</i>	DEEP	MEDSMALL	SAND	
<i>Syacium micrurum</i>	VDEEP	MED	SAND	
<i>Syacium papillosum</i>	VDEEP	MED	SAND	
<i>Symphodus bailloni</i>	MID	MEDSMALL	MINV	
<i>Symphodus cinereus</i>	MID	MEDSMALL	MINV	
<i>Symphodus doderleini</i>	MID	SMALL	MINV	
<i>Symphodus mediterraneus</i>	MID	MEDSMALL	MINV	
<i>Symphodus melanocercus</i>	SHALL	MEDSMALL	MINV	
<i>Symphodus melops</i>	VSHALL	MED	MINV	
<i>Symphodus ocellatus</i>	MID	MEDSMALL	MINV	
<i>Symphodus roissali</i>	MID	MEDSMALL	MINV	
<i>Symphodus rostratus</i>	MID	MEDSMALL	MINV	
<i>Symphodus staitii</i>	MID	MEDSMALL	MINV	
<i>Symphodus tinca</i>	MID	MED	MINV	
<i>Synchiropus monacanthus</i>	VDEEP	MEDSMALL	MINV	
<i>Synchiropus phaeton</i>	VDEEP	MEDSMALL	MINV	
<i>Syngnathoides biaculeatus</i>	DEEP	MED	MINV	*
<i>Syngnathus abaster</i>	VDEEP	MED	MINV	*
<i>Syngnathus acus</i>	VDEEP	MED	MINV	
<i>Syngnathus floridae</i>	SHALL	MEDSMALL	MINV	
<i>Syngnathus folletti</i>	VDEEP	MED	MINV	*
<i>Syngnathus fuscus</i>	VDEEP	MED	MINV	
<i>Syngnathus louisianae</i>	VDEEP	MED	MINV	*
<i>Syngnathus phlegon</i>	VDEEP	MED	MINV	*
<i>Syngnathus scovelli</i>	VSHALL	MEDSMALL	MINV	
<i>Syngnathus springeri</i>	VDEEP	MED	MINV	*
<i>Syngnathus taenionotus</i>	VDEEP	MED	MINV	*
<i>Syngnathus tenuirostris</i>	VDEEP	MED	MINV	*
<i>Syngnathus typhle</i>	SHALL	MED	MINV	
<i>Syngnathus watermeyeri</i>	VDEEP	MED	MINV	*
<i>Synodus foetens</i>	SHALL	MED	PISC	
<i>Synodus indicus</i>	DEEP	MED	PISC	*
<i>Synodus intermedius</i>	VDEEP	MED	PISC	
<i>Synodus poeyi</i>	DEEP	MED	PISC	*
<i>Synodus saurus</i>	SHALL	MEDSMALL	PISC	
<i>Synodus synodus</i>	DEEP	MEDSMALL	PISC	
<i>Talassophryne montevidensis</i>	VDEEP	MEDSMALL	MINV	
<i>Talassophryne natereri</i>	VDEEP	MEDSMALL	MINV	
<i>Talassophryne punctata</i>	VDEEP	MEDSMALL	MINV	
<i>Tautoga onitis</i>	DEEP	MED	MINV	*
<i>Tetrosomus concatenatus</i>	DEEP	MED	OMNI	
<i>Thalassoma ascensionis</i>	DEEP	MEDSMALL	DPLA	*
<i>Thalassoma bifasciatum</i>	DEEP	MEDSMALL	DPLA	*
<i>Thalassoma hebraicum</i>	MID	MEDSMALL	DPLA	
<i>Thalassoma lunare</i>	SHALL	MEDSMALL	DPLA	
<i>Thalassoma newtoni</i>	DEEP	MEDSMALL	DPLA	*
<i>Thalassoma noronhanum</i>	DEEP	MEDSMALL	DPLA	
<i>Thalassoma pavo</i>	VDEEP	MEDSMALL	DPLA	
<i>Thalassoma purpurum</i>	DEEP	MEDSMALL	DPLA	*
<i>Thalassoma sanctahelenae</i>	DEEP	MEDSMALL	DPLA	*

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Thamnaconus modestoides</i>	DEEP	MED	OMNI	*
<i>Thorogobius angolensis</i>	VDEEP	MEDSMALL	MINV	
<i>Thorogobius ephippiatus</i>	MID	MEDSMALL	MINV	
<i>Thorogobius macrolepis</i>	VDEEP	SMALL	MINV	
<i>Thorogobius rofeni</i>	VDEEP	SMALL	MINV	
<i>Tomicodon australis</i>	VSHALL	SMALL	MINV	
<i>Tomicodon briggsi</i>	SHALL	SMALL	MINV	
<i>Tomicodon clarkei</i>	VSHALL	SMALL	MINV	
<i>Tomicodon cryptus</i>	VSHALL	SMALL	MINV	
<i>Tomicodon fasciatus</i>	VSHALL	SMALL	MINV	
<i>Tomicodon lavettsmithi</i>	VSHALL	SMALL	MINV	
<i>Tomicodon leurodiscus</i>	SHALL	SMALL	MINV	
<i>Tomicodon reitzae</i>	VSHALL	SMALL	MINV	
<i>Tomicodon rhabdotus</i>	VSHALL	SMALL	MINV	
<i>Tomicodon rupestris</i>	VSHALL	SMALL	MINV	
<i>Torquigener balteatus</i>	DEEP	MEDSMALL	SINV	*
<i>Trachinocephalus myops</i>	VSHALL	MED	PISC	
<i>Trachinotus africanus</i>	MID	LARGE	MINV	
<i>Trachinotus botla</i>	DEEP	LARGE	MINV	*
<i>Trachinotus carolinus</i>	MID	MED	MINV	
<i>Trachinotus falcatus</i>	DEEP	LARGE	MINV	
<i>Trachinotus goodei</i>	MID	MED	MINV	
<i>Trachinotus goreensis</i>	DEEP	LARGE	MINV	
<i>Trachinotus marginatus</i>	DEEP	MED	MINV	
<i>Trachinotus maxillosum</i>	DEEP	LARGE	MINV	
<i>Trachinotus ovatus</i>	VDEEP	LARGE	MINV	
<i>Trachinotus teraia</i>	DEEP	LARGE	MINV	
<i>Triathalassothia argentina</i>	MID	SMALL	MINV	
<i>Triathalassothia gloverensis</i>	MID	SMALL	MINV	
<i>Triathalassothia lambaloti</i>	MID	SMALL	MINV	
<i>Trichopsetta caribbaea</i>	VDEEP	MEDSMALL	SAND	
<i>Trichopsetta melasma</i>	VDEEP	MEDSMALL	SAND	
<i>Trichopsetta orbisulcus</i>	VDEEP	MEDSMALL	SAND	
<i>Trichopsetta ventralis</i>	VDEEP	MEDSMALL	SAND	
<i>Tripterygion delaisi</i>	MID	SMALL	MINV	
<i>Tripterygion melanurus</i>	SHALL	SMALL	MINV	*
<i>Tripterygion tripteronotus</i>	VSHALL	SMALL	MINV	
<i>Umbrina canariensis</i>	VSHALL	MED	MINV	
<i>Umbrina ronchus</i>	VSHALL	MED	MINV	
<i>Upeneus parvus</i>	DEEP	MED	SAND	
<i>Uranoscopus albesca</i>	VDEEP	MED	PISC	
<i>Uranoscopus cadenati</i>	VDEEP	MED	PISC	
<i>Uranoscopus polli</i>	VDEEP	MED	PISC	
<i>Uranoscopus scaber</i>	VDEEP	MED	PISC	
<i>Uropterygius macularius</i>	VDEEP	MED	MCAR	
<i>Uropterygius wheeleri</i>	VDEEP	MED	MCAR	
<i>Vanneaugobius canariensis</i>	MID	SMALL	MINV	
<i>Vanneaugobius dollfusi</i>	VDEEP	SMALL	MINV	
<i>Vanneaugobius pruvoti</i>	VDEEP	SMALL	MINV	
<i>Varicus bucca</i>	DEEP	SMALL	MINV	*
<i>Varicus imswe</i>	DEEP	SMALL	MINV	*
<i>Varicus marilynae</i>	DEEP	SMALL	MINV	
<i>Virididentex acromegalus</i>	DEEP	LARGE	OMNI	
<i>Vomerogobius flavus</i>	DEEP	SMALL	MINV	*
<i>Wheelerigobius maltzani</i>	VSHALL	SMALL	MINV	
<i>Wheelerigobius wirtzi</i>	VSHALL	SMALL	MINV	
<i>Xanthichthys lineopunctatus</i>	DEEP	MEDSMALL	DPLA	
<i>Xanthichthys ringens</i>	DEEP	MEDSMALL	DPLA	
<i>Xenobalistes punctatus</i>	MID	SMALL	OMNI	
<i>Xenopoclinus kochi</i>	SHALL	MEDSMALL	MINV	
<i>Xenopoclinus leprosus</i>	SHALL	MEDSMALL	MINV	
<i>Xiphasia matsubarai</i>	VDEEP	MED	OMNI	

Table A2 (continued)

Species	Depth category	Length category	Detailed dietary group	Estimated size and/or depth
<i>Xiphasia setifer</i>	VDEEP	LARGE	OMNI	
<i>Xyrichtys blanchardi</i>	DEEP	MEDSMALL	SAND	•
<i>Xyrichtys incandescens</i>	DEEP	MEDSMALL	SAND	•
<i>Xyrichtys martinicensis</i>	MID	MEDSMALL	SAND	
<i>Xyrichtys novacula</i>	DEEP	MEDSMALL	SAND	
<i>Xyrichtys sanctaehelenae</i>	DEEP	MEDSMALL	SAND	•
<i>Xyrichtys splendens</i>	DEEP	MEDSMALL	SAND	
<i>Xystreureys rasile</i>	VDEEP	MED	SAND	
<i>Zebrasoma gemmatum</i>	DEEP	MEDSMALL	SCRP	
<i>Zebrus zebrus</i>	VSHALL	SMALL	MINV	
<i>Zosterisessor ophiocephalus</i>	MID	MEDSMALL	MINV	

Table A3. Functional groups assigned to each species

LABEL	FULL NAME	DESCRIPTION
Trophic groups^a		
MCAR	Macrocarivores	Fish that eat mobile benthic organisms and fish
PISC	Strict piscivores	Fish that eat only fishes
MINV	Mobile benthic invertivores/cleaners	Fish that eat primarily crabs, molluscs and other benthic mobile invertebrates
SAND	Sand invertivores	Fish that eat primarily benthic invertebrates in the adjacent sandy areas to the reefs
SINV	Coral/colonial sessile invertivores	Fish that eat sessile benthic invertebrates
SPON	Spongivore/herb	Fish that eat primarily sponges, but also some algae
DPLA	Diurnal planktivores	Fish that eat primarily macro- and micro-zooplankton during the day
NPLA	Nocturnal planktivores	Fish that eat primarily macro- and micro-zooplankton during the night
THER	Territorial algae/detritus	Fish that eat farmed turf-algae within their territories
TURF	Turf grazing	roving herbivore that feed removing only algae and associated epiphytic material
SCRP	Scrapers	Roving herbivore that removes pieces of the substratum together with algae, leaving distinctive but relatively shallow bite scars
EXCV	Excavator/eroders	Roving herbivore similar to scrapers but leave deeper bite scars and remove greater quantities of substrata with each bite
MALG	Macroalgae browser	Roving herbivore that tends to bite or 'crop' the algae leaving the basal portions intact
OMNI	General omnivores	Fishes that eat a variety of organisms, including both animal and plant material in similar quantities
^a Categories based on Bellwood et al. 2004 and Ferreira et al. 2004		
Length groups^b		
SMALL		0–10 cm
MEDSMALL		10–25cm
MED		25–50 cm
LARGE		>50 cm
Depth groups^b		
VSHALL		0–10 m
SHALL		10–25 m
MID		25–50 m
DEEP		50–100 m
VDEEP		>100 m
^b Species classified to these categories based on: Böhlke & Chaplin (1993), Randall (1996), Lavett-Smith C. (1997), Carvalho-Filho (1999), Froese & Pauly (2005), Quattrini et al. (2004) and Feitoza et al. (2005)		

