

RN

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentration	Vertical overlap	Seasonal migration	Schooling	Morphology	Desirability	Management
<i>Acanthostracion quadricornis</i>	55.00	0.00	2.68	10.24	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Acanthurus bahianus</i>	36.84	0.00	2.11	3.94	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Acanthurus chirurgus</i>	39.00	0.00	2.09	18.90	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Achirus lineatus</i>	33.10	0.00	3.52	0.79	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Albula vulpes</i>	104.00	0.00	3.73	18.11	low	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Alectis ciliaris</i>	150.00	0.00	3.95	1.57	low	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Alphestes afer</i>	33.00	0.00	3.58	1.57	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Aluterus monoceros</i>	76.20	3.00	3.84	0.79	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Anisotremus virginicus</i>	40.60	0.00	3.59	18.90	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Archosargus rhomboidalis</i>	33.00	0.00	2.89	5.51	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Aspistor luniscutis</i>	120.00	3.00	3.84	18.90	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Auxis thazard</i>	72.15	0.00	4.37	15.75	low	mod	increase_fish	increase_fish	high_selec	high	no_strat
<i>Bagre bagre</i>	55.00	3.00	4.01	5.51	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Bagre marinus</i>	69.00	3.00	3.51	39.37	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Balistes capriscus</i>	60.00	3.00	4.06	0.79	high	high	no_effect	no_effect	high_selec	low	reactive
<i>Haemulon chrysargyreum</i>	23.00	0.00	3.70	2.36	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Calamus calamus</i>	56.00	0.00	3.50	15.75	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Calamus penna</i>	46.00	0.00	4.35	14.17	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Calamus pennatula</i>	37.00	0.00	3.72	0.79	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Cantherhines pullus</i>	20.00	3.00	2.62	16.54	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Carangoides bartholomaei</i>	100.00	0.00	4.48	52.76	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Caranx crysos</i>	70.00	0.00	4.13	1.57	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Caranx hippos</i>	124.00	0.00	3.56	5.51	low	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Caranx latus</i>	112.11	0.00	4.16	2.36	low	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Carcharhinus acronotus</i>	200.00	8.00	4.36	0.79	low	mod	no_effect	no_effect	high_selec	mod	no_strat
<i>Carcharhinus limbatus</i>	286.00	8.00	4.37	0.79	low	mod	no_effect	no_effect	high_selec	mod	no_strat
<i>Cathorops spixii</i>	30.00	3.00	3.47	1.57	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Centropomus parallelus</i>	72.00	0.00	4.21	5.51	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Centropomus undecimalis</i>	140.00	0.00	4.17	1.57	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cephalopholis fulva</i>	44.00	0.00	4.05	8.66	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Chaetodipterus faber</i>	91.00	0.00	3.58	0.79	high	high	no_effect	increase_fish	mod_select	low	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentra tion	Vertical overlap	Seasonal migrat ion	Schooling	Morphology	Desirability	Management
<i>Chaetodon striatus</i>	16.00	0.00	3.53	0.79	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Diodon hystrix</i>	28.00	0.00	3.60	14.96	low	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Chloroscombrus chrysurus</i>	65.00	0.00	3.54	3.15	mod	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Conodon nobilis</i>	33.60	0.00	3.61	0.79	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion jamaicensis</i>	50.00	0.00	3.84	7.87	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion leiarchus</i>	90.80	0.00	3.06	0.79	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion microlepidotus</i>	92.00	0.00	3.99	1.57	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion virescens</i>	115.00	0.00	4.03	4.72	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Dactylopterus volitans</i>	61.00	0.00	3.65	1.57	low	high	no_effect	increase_fish	high_selec	low	no_strat
<i>Decapterus punctatus</i>	36.60	0.00	3.41	2.36	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Decapterus tabl</i>	50.00	0.00	3.22	2.36	low	mod	increase_fish	increase_fish	high_selec	high	no_strat
<i>Diapterus auratus</i>	42.80	0.00	2.44	2.36	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Diodon holocanthus</i>	50.00	0.00	3.90	0.79	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Echeneis naucrates</i>	110.00	0.00	3.68	24.41	high	mod	no_effect	no_effect	high_selec	low	no_strat
<i>Echeneis neucratoides</i>	75.00	0.00	3.57	0.79	high	mod	no_effect	no_effect	high_selec	low	no_strat
<i>Elagatis bipinnulata</i>	180.00	0.00	4.27	19.69	high	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Elops saurus</i>	100.00	0.00	3.49	0.79	mod	high	no_effect	increase_fish	high_selec	mod	no_strat
<i>Epinephelus adscensionis</i>	65.00	0.00	3.53	17.32	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Eugerres brasilianus</i>	55.50	0.00	3.39	0.79	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Euthynnus alletteratus</i>	122.00	0.00	4.28	26.77	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Fistularia petimba</i>	200.00	0.00	4.43	0.79	high	high	no_effect	no_effect	low_select	low	no_strat
<i>Fistularia tabacaria</i>	200.00	0.00	3.69	4.72	high	high	no_effect	no_effect	low_select	low	no_strat
<i>Genidens barbatus</i>	120.00	3.00	3.77	3.15	mod	high	no_effect	no_effect	high_selec	low	reactive
<i>Genidens machadoi</i>	80.00	3.00	3.69	0.79	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Genyatremus luteus</i>	37.00	0.00	3.50	0.79	mod	high	no_effect	no_effect	mod_select	high	no_strat
<i>Ginglymostoma cirratum</i>	430.00	8.00	4.15	0.79	high	high	no_effect	increase_fish	high_selec	mod	reactive
<i>Gymnothorax moringa</i>	200.00	0.00	4.50	1.57	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Gymnothorax vicinus</i>	132.00	0.00	4.26	1.57	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Haemulon aurolineatum</i>	25.00	0.00	3.46	10.24	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon melanurum</i>	33.00	0.00	3.50	0.79	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon parra</i>	41.20	0.00	3.47	0.79	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon plumierii</i>	53.00	0.00	3.59	48.82	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon steindachneri</i>	30.00	0.00	3.73	40.16	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Harengula clupeiola</i>	18.70	0.00	3.31	7.09	low	high	no_effect	increase_fish	high_selec	high	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentra tion	Vertical overlap	Seasonal migrat ion	Schooling	Morphology	Desirability	Management
<i>Heteropriacanthus cruentatus</i>	50.70	0.00	3.61	0.79	mod	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Holacanthus ciliaris</i>	45.00	0.00	2.99	4.72	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Holocentrus adscensionis</i>	61.00	0.00	3.11	3.15	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Dasyatis americana</i>	290.00	8.00	3.51	6.30	low	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Lactophrys trigonus</i>	55.00	0.00	3.29	3.15	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Lagocephalus laevigatus</i>	100.00	0.00	4.02	0.79	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Larimus breviceps</i>	31.00	0.00	3.52	3.15	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Lutjanus alexandrei</i>	31.00	0.00	3.80	0.79	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lutjanus analis</i>	94.00	0.00	3.91	14.96	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lutjanus apodus</i>	87.80	0.00	4.25	0.79	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lutjanus jocu</i>	128.00	0.00	4.41	6.30	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lutjanus synagris</i>	60.00	0.00	3.82	65.35	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lycengraulis batesii</i>	30.00	0.00	3.85	0.79	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Lycengraulis grossidens</i>	28.67	0.00	3.67	2.36	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Micropogonias furnieri</i>	73.20	0.00	3.09	14.17	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Mugil curema</i>	91.00	0.00	2.01	2.36	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Mulloidichthys martinicus</i>	44.80	0.00	3.21	0.79	mod	high	no_effect	increase_fish	high_selec	mod	no_strat
<i>Mycteroperca bonaci</i>	150.00	0.00	4.30	0.79	high	high	no_effect	no_effect	high_selec	high	reactive
<i>Notarius grandicassis</i>	63.00	3.00	3.98	2.36	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Ocyurus chrysurus</i>	86.30	0.00	3.60	12.60	high	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Oligoplites palometa</i>	49.70	0.00	4.30	1.57	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Oligoplites saliens</i>	50.00	0.00	3.83	0.79	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Opisthonema oglinum</i>	38.00	0.00	3.27	16.54	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Orthopristis ruber</i>	40.00	0.00	3.58	3.15	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Paralichthys brasiliensis</i>	100.00	0.00	4.38	0.79	mod	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Polydactylus virginicus</i>	33.00	0.00	3.71	3.15	mod	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Pomacanthus paru</i>	41.10	0.00	2.81	0.79	high	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Priacanthus arenatus</i>	50.00	0.00	4.23	15.75	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Prionotus punctatus</i>	45.00	0.00	3.77	0.79	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Rhinobatos percellens</i>	113.50	8.00	3.58	0.79	mod	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Pseudupeneus maculatus</i>	30.00	0.00	3.65	11.02	mod	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Rachycentron canadum</i>	200.00	0.00	4.19	3.15	mod	mod	increase_fish	no_effect	high_selec	mod	no_strat
<i>Rhizoprionodon porosus</i>	113.00	8.00	3.99	27.56	low	mod	increase_fish	no_effect	high_selec	mod	no_strat
<i>Sciaedes proops</i>	100.00	3.00	4.36	11.81	mod	high	no_effect	no_effect	high_selec	low	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentra tion	Vertical overlap	Seasonal migrat ion	Schooling	Morphology	Desirability	Management
<i>Scomberomorus brasiliensis</i>	138.75	0.00	3.31	46.46	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scomberomorus cavalla</i>	184.00	0.00	4.42	14.17	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scomberomorus regalis</i>	183.00	0.00	4.51	10.24	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scorpaena plumieri</i>	45.00	0.00	3.56	5.51	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Selar crumenophthalmus</i>	70.00	0.00	3.81	3.15	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Selene brownii</i>	29.00	0.00	3.82	0.79	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Selene setapinnis</i>	60.00	0.00	3.72	3.15	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Selene vomer</i>	48.30	0.00	4.29	8.66	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Seriola rivoliana</i>	177.60	0.00	4.45	2.36	high	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Sparisoma amplum</i>	47.58	0.00	2.00	1.57	high	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Sparisoma axillare</i>	53.19	0.00	2.00	7.87	high	high	no_effect	no_effect	high_selec	mod	reactive
<i>Sparisoma frondosum</i>	42.09	0.00	2.00	6.30	high	high	no_effect	no_effect	high_selec	mod	reactive
<i>Sphyraena guachancho</i>	200.00	0.00	4.35	1.57	low	mod	no_effect	no_effect	high_selec	high	no_strat
<i>Sphyrna lewini</i>	430.00	8.00	4.08	1.57	mod	mod	increase_fish	increase_fish	high_selec	mod	reactive
<i>Syacium micrurum</i>	40.00	0.00	3.27	7.87	mod	high	increase_fish	no_effect	mod_select	low	no_strat
<i>Syacium papillosum</i>	30.00	0.00	3.31	11.81	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Synodus foetens</i>	53.80	0.00	4.42	1.57	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Synodus intermedius</i>	46.00	0.00	4.21	4.72	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Thalassophryne nattereri</i>	21.30	0.00	3.60	1.57	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Synodus synodus</i>	40.00	0.00	4.17	5.51	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Trichiurus lepturus</i>	234.00	0.00	4.42	1.57	mod	high	increase_fish	no_effect	mod_select	mod	no_strat
<i>Ulaema lefroyi</i>	23.00	0.00	3.33	9.45	low	high	no_effect	increase_fish	high_selec	mod	no_strat
<i>Uraspis secunda</i>	50.00	0.00	4.00	1.57	mod	mod	no_effect	increase_fish	mod_select	high	no_strat

PE

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentration	Vertical overlap	Seasonal migration	Schooling	Morphology	Desirability	Management
<i>Acanthurus bahianus</i>	36.84	0.00	2.11	15.38	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Acanthurus chirurgus</i>	39.00	0.00	2.09	19.23	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Acanthurus coeruleus</i>	39.00	0.00	2.15	1.92	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Achirus lineatus</i>	33.10	0.00	3.52	1.92	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Aetobatus narinari</i>	153.22	8.00	4.17	5.77	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Albula vulpes</i>	104.00	0.00	3.73	1.92	low	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Alectis ciliaris</i>	150.00	0.00	3.95	5.77	low	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Alphestes afer</i>	33.00	0.00	3.58	1.92	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Aluterus monoceros</i>	76.20	3.00	3.84	1.92	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Anisotremus surinamensis</i>	76.00	0.00	3.58	17.31	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Anisotremus virginicus</i>	40.60	0.00	3.59	3.85	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Archosargus probatocephalus</i>	91.00	0.00	3.53	3.85	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Archosargus rhomboidalis</i>	33.00	0.00	2.89	1.92	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Auxis thazard</i>	72.15	0.00	4.37	13.46	low	mod	increase_fish	increase_fish	high_selec	high	no_strat
<i>Bagre bagre</i>	55.00	3.00	4.01	17.31	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Bagre marinus</i>	69.00	3.00	3.51	50.00	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Bothus maculiferus</i>	25.00	0.00	3.67	1.92	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Haemulon chrysargyreum</i>	23.00	0.00	3.70	19.23	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Calamus penna</i>	46.00	0.00	4.35	7.69	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Calamus pennatula</i>	37.00	0.00	3.72	44.23	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Carangoides bartholomaei</i>	100.00	0.00	4.48	57.69	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Caranx crysos</i>	70.00	0.00	4.13	3.85	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Caranx hippos</i>	124.00	0.00	3.56	19.23	low	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Caranx latus</i>	112.11	0.00	4.16	13.46	low	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Carcharhinus acronotus</i>	200.00	8.00	4.36	1.92	low	mod	no_effect	no_effect	high_selec	mod	no_strat
<i>Carcharhinus limbatus</i>	286.00	8.00	4.37	1.92	low	mod	no_effect	no_effect	high_selec	mod	no_strat
<i>Cathorops spixii</i>	30.00	3.00	3.47	28.85	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Centropomus parallelus</i>	72.00	0.00	4.21	5.77	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cephalopholis fulva</i>	44.00	0.00	4.05	15.38	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cetengraulis edentulus</i>	18.20	0.00	2.11	5.77	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Chaetodipterus faber</i>	91.00	0.00	3.58	1.92	high	high	no_effect	increase_fish	mod_select	low	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentra tion	Vertical overlap	Seasonal migrat ion	Schooling	Morphology	Desirability	Management
<i>Chaetodon striatus</i>	16.00	0.00	3.53	23.08	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Chloroscombrus chrysurus</i>	65.00	0.00	3.54	28.85	mod	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Conodon nobilis</i>	33.60	0.00	3.61	1.92	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cyclopsetta chittendeni</i>	32.00	0.00	3.59	28.85	low	high	no_effect	no_effect	mod_select	low	no_strat
<i>Cynoscion leiarchus</i>	90.80	0.00	3.06	11.54	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion virescens</i>	115.00	0.00	4.03	9.62	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Dactylopterus volitans</i>	61.00	0.00	3.65	1.92	low	high	no_effect	increase_fish	high_selec	low	no_strat
<i>Decapterus macarellus</i>	46.00	0.00	3.96	11.54	low	mod	increase_fish	increase_fish	high_selec	high	no_strat
<i>Diapterus auratus</i>	42.80	0.00	2.44	1.92	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Diapterus rhombeus</i>	40.00	0.00	3.01	3.85	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Echeneis naucrates</i>	110.00	0.00	3.68	7.69	high	mod	no_effect	no_effect	high_selec	low	no_strat
<i>Elops saurus</i>	100.00	0.00	3.49	1.92	mod	high	no_effect	increase_fish	high_selec	mod	no_strat
<i>Epinephelus adscensionis</i>	65.00	0.00	3.53	5.77	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Eucinostomus gula</i>	25.50	0.00	2.68	7.69	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Eugerres brasilianus</i>	55.50	0.00	3.39	21.15	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Euthynnus alletteratus</i>	122.00	0.00	4.28	28.85	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Fistularia petimba</i>	200.00	0.00	4.43	1.92	high	high	no_effect	no_effect	low_select	low	no_strat
<i>Genidens genidens</i>	42.50	3.00	3.57	1.92	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Gymnothorax funebris</i>	250.00	0.00	4.01	1.92	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Gymnothorax ocellatus</i>	90.00	0.00	4.08	1.92	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Gymnothorax vicinus</i>	132.00	0.00	4.26	1.92	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Haemulon aurolineatum</i>	25.00	0.00	3.46	21.15	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon parra</i>	41.20	0.00	3.47	9.62	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon plumierii</i>	53.00	0.00	3.59	40.38	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Haemulon steindachneri</i>	30.00	0.00	3.73	48.08	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Pomadasys corvinaeformis</i>	25.00	0.00	3.59	1.92	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Holacanthus ciliaris</i>	45.00	0.00	2.99	1.92	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Holacanthus tricolor</i>	35.00	0.00	3.01	1.92	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Holocentrus adscensionis</i>	61.00	0.00	3.11	21.15	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Dasyatis americana</i>	290.00	8.00	3.51	5.77	low	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Lactophrys trigonus</i>	55.00	0.00	3.29	32.69	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Larimus breviceps</i>	31.00	0.00	3.52	17.31	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Lutjanus analis</i>	94.00	0.00	3.91	9.62	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lutjanus apodus</i>	87.80	0.00	4.25	11.54	mod	high	no_effect	increase_fish	high_selec	high	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentra tion	Vertical overlap	Seasonal migrat ion	Schooling	Morphology	Desirability	Management
<i>Lutjanus jocu</i>	128.00	0.00	4.41	11.54	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lutjanus synagris</i>	60.00	0.00	3.82	50.00	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Lycengraulis grossidens</i>	28.67	0.00	3.67	7.69	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Macrodon ancylodon</i>	45.00	0.00	3.90	23.08	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Menticirrhus americanus</i>	50.00	0.00	3.39	9.62	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Menticirrhus littoralis</i>	48.30	0.00	3.92	1.92	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Micropogonias furnieri</i>	73.20	0.00	3.09	30.77	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Mugil curema</i>	91.00	0.00	2.01	11.54	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Mulloidichthys martinicus</i>	44.80	0.00	3.21	5.77	mod	high	no_effect	increase_fish	high_selec	mod	no_strat
<i>Nebris microps</i>	40.00	0.00	3.60	5.77	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Ocyurus chrysurus</i>	86.30	0.00	3.60	5.77	high	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Oligoplites palometa</i>	49.70	0.00	4.30	32.69	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Opisthonema oglinum</i>	38.00	0.00	3.27	13.46	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Orthopristis ruber</i>	40.00	0.00	3.58	7.69	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Paralenchurus brasiliensis</i>	30.00	0.00	3.42	3.85	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Peprilus paru</i>	30.00	0.00	3.99	9.62	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Polydactylus virginicus</i>	33.00	0.00	3.71	1.92	mod	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Pomatomus saltatrix</i>	130.00	0.00	4.53	1.92	low	mod	no_effect	increase_fish	high_selec	high	reactive
<i>Priacanthus arenatus</i>	50.00	0.00	4.23	21.15	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Prionotus punctatus</i>	45.00	0.00	3.77	1.92	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Pseudupeneus maculatus</i>	30.00	0.00	3.65	1.92	mod	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Rachycentron canadum</i>	200.00	0.00	4.19	3.85	mod	mod	increase_fish	no_effect	high_selec	mod	no_strat
<i>Rhizoprionodon porosus</i>	113.00	8.00	3.99	53.85	low	mod	increase_fish	no_effect	high_selec	mod	no_strat
<i>Scarus coelestinus</i>	77.00	0.00	2.03	1.92	high	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Sciades proops</i>	100.00	3.00	4.36	15.38	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Scomberomorus brasiliensis</i>	138.75	0.00	3.31	63.46	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scomberomorus cavalla</i>	184.00	0.00	4.42	9.62	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scomberomorus regalis</i>	183.00	0.00	4.51	11.54	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scorpaena plumieri</i>	45.00	0.00	3.56	5.77	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Selar crumenophthalmus</i>	70.00	0.00	3.81	19.23	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Selene spixii</i>	41.78	0.00	3.93	15.38	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Selene vomer</i>	48.30	0.00	4.29	1.92	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Sparisoma chrysopteron</i>	46.00	0.00	2.00	3.85	high	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Sparisoma rubripinne</i>	47.80	0.00	2.00	9.62	high	high	no_effect	no_effect	high_selec	mod	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentra tion	Vertical overlap	Seasonal migrat ion	Schooling	Morphology	Desirability	Management
<i>Sparisoma axillare</i>	42.00	0.00	2.00	1.92	high	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Sphyraena guachancho</i>	200.00	0.00	4.35	7.69	low	mod	no_effect	no_effect	high_selec	high	no_strat
<i>Stellifer rastrifer</i>	32.10	0.00	3.39	1.92	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Stephanolepis hispidus</i>	27.50	0.00	2.56	1.92	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Syacium papillosum</i>	30.00	0.00	3.31	17.31	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Synodus synodus</i>	40.00	0.00	4.17	1.92	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Trachinotus carolinus</i>	64.00	0.00	3.50	1.92	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Trachinotus goodei</i>	50.00	0.00	4.34	1.92	low	high	no_effect	increase_fish	mod_select	high	no_strat

PR

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentration	Vertical overlap	Seasonal migration	Schooling	Morphology	Desirability	Management
<i>Achirus lineatus</i>	33.10	0.00	3.52	0.72	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Albula vulpes</i>	104.00	0.00	3.73	0.72	low	high	no_effect	no_effect	high_selec	mod	no_strat
<i>Aluterus monoceros</i>	76.20	3.00	3.84	5.76	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Astroscopeus y-graecum</i>	44.00	0.00	4.20	2.88	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Archosargus rhomboidalis</i>	33.00	0.00	2.89	4.32	high	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Bagre bagre</i>	55.00	3.00	4.01	0.72	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Balistes caprisus</i>	60.00	3.00	4.06	2.16	high	high	no_effect	no_effect	high_selec	low	reactive
<i>Caranx crysos</i>	70.00	0.00	4.13	16.55	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Cathorops spixii</i>	30.00	3.00	3.47	0.72	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Centropomus parallelus</i>	72.00	0.00	4.21	28.06	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Chaetodipterus faber</i>	91.00	0.00	3.58	1.44	high	high	no_effect	increase_fish	mod_select	low	no_strat
<i>Chloroscombrus chrysurus</i>	65.00	0.00	3.54	25.90	mod	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Citharichthys arenaceus</i>	20.00	0.00	3.46	0.72	low	high	no_effect	no_effect	mod_select	low	no_strat
<i>Citharichthys macrops</i>	20.00	0.00	3.50	30.94	low	high	no_effect	no_effect	mod_select	low	no_strat
<i>Citharichthys spilopterus</i>	21.00	0.00	3.57	2.88	low	high	no_effect	no_effect	mod_select	low	no_strat
<i>Conodon nobilis</i>	33.60	0.00	3.61	7.91	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Ctenosciaena gracilicirrus</i>	21.00	0.00	3.87	3.60	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion jamaicensis</i>	50.00	0.00	3.84	27.34	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion leiarchus</i>	90.80	0.00	3.06	32.37	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion microlepidotus</i>	92.00	0.00	3.99	4.32	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Cynoscion virescens</i>	115.00	0.00	4.03	15.11	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Dactylopterus volitans</i>	61.00	0.00	3.65	10.07	low	high	no_effect	increase_fish	high_selec	low	no_strat
<i>Diapterus auratus</i>	42.80	0.00	2.44	1.44	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Diapterus rhombeus</i>	40.00	0.00	3.01	0.72	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Diplectrum radiale</i>	26.00	0.00	4.07	7.19	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Echeneis naucrates</i>	110.00	0.00	3.68	35.25	high	mod	no_effect	no_effect	high_selec	low	no_strat
<i>Elops saurus</i>	100.00	0.00	3.49	13.67	mod	high	no_effect	increase_fish	high_selec	mod	no_strat
<i>Etropus crossotus</i>	20.00	0.00	3.49	0.72	low	high	no_effect	no_effect	mod_select	low	no_strat
<i>Eucinostomus argenteus</i>	21.20	0.00	3.24	3.60	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Eucinostomus gula</i>	25.50	0.00	2.68	32.37	mod	high	no_effect	increase_fish	mod_select	mod	no_strat
<i>Eucinostomus melanopterus</i>	30.00	0.00	3.39	15.11	mod	high	no_effect	increase_fish	mod_select	mod	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentration	Vertical overlap	Seasonal migration	Schooling	Morphology	Desirability	Management
<i>Galeocerdo cuvier</i>	750.00	8.00	4.56	10.07	low	mod	increase_fish	no_effect	high_selec	mod	no_strat
<i>Genidens barbatus</i>	120.00	3.00	3.77	0.72	mod	high	no_effect	no_effect	high_selec	low	reactive
<i>Genidens genidens</i>	42.50	3.00	3.57	1.44	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Gymnura altavela</i>	77.00	8.00	4.50	7.19	mod	high	no_effect	no_effect	mod_select	mod	reactive
<i>Haemulon steindachneri</i>	30.00	0.00	3.73	0.72	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Pomadasys corvinaeformis</i>	25.00	0.00	3.59	2.88	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Hemicaranx amblyrhynchus</i>	50.00	0.00	3.87	1.44	mod	mod	no_effect	increase_fish	mod_select	high	no_strat
<i>Dasyatis guttata</i>	290.00	8.00	4.30	0.72	low	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Dasyatis say</i>	290.00	8.00	3.70	25.90	low	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Isopisthus parvipinnis</i>	41.50	0.00	4.04	2.16	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Lagocephalus laevigatus</i>	100.00	0.00	4.02	40.29	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Larimus breviceps</i>	31.00	0.00	3.52	2.16	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Lutjanus synagris</i>	60.00	0.00	3.82	31.65	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Macrodon ancylodon</i>	45.00	0.00	3.90	49.64	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Menticirrhus americanus</i>	50.00	0.00	3.39	29.50	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Menticirrhus littoralis</i>	48.30	0.00	3.92	40.29	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Micropogonias furnieri</i>	73.20	0.00	3.09	5.76	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Mugil curema</i>	91.00	0.00	2.01	0.72	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Mycteroperca rubra</i>	144.00	0.00	4.13	23.02	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Oligoplites saliens</i>	50.00	0.00	3.83	0.72	mod	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Ophichthus gomesii</i>	91.40	0.00	4.03	23.02	mod	high	increase_fish	no_effect	low_select	low	no_strat
<i>Opisthonema oglinum</i>	38.00	0.00	3.27	38.85	low	high	no_effect	increase_fish	high_selec	high	no_strat
<i>Orthopristis ruber</i>	40.00	0.00	3.58	0.72	low	high	no_effect	no_effect	high_selec	high	no_strat
<i>Paralichthys orbignyanus</i>	62.40	0.00	3.45	33.09	mod	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Paralonchurus brasiliensis</i>	30.00	0.00	3.42	2.88	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Pellona harroweri</i>	18.00	0.00	4.20	8.63	mod	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Peprilus paru</i>	30.00	0.00	3.99	38.85	high	high	no_effect	no_effect	mod_select	low	no_strat
<i>Pomatomus saltatrix</i>	130.00	0.00	4.53	16.55	low	mod	no_effect	increase_fish	high_selec	high	reactive
<i>Porichthys porosissimus</i>	34.00	0.00	3.73	15.83	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Prionotus punctatus</i>	45.00	0.00	3.77	17.27	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Rhinobatos percellens</i>	113.50	8.00	3.58	2.16	mod	high	no_effect	no_effect	mod_select	mod	no_strat
<i>Rhizoprionodon lalandii</i>	80.00	8.00	4.28	5.76	mod	mod	no_effect	no_effect	high_selec	mod	no_strat
<i>Rhizoprionodon porosus</i>	113.00	8.00	3.99	3.60	low	mod	increase_fish	no_effect	high_selec	mod	no_strat
<i>Sardinella brasiliensis</i>	27.00	0.00	3.10	1.44	low	mod	no_effect	increase_fish	high_selec	high	no_strat

Species	Lmax	Winemiller	Trophic level	Areal overlap	Geog. concentration	Vertical overlap	Seasonal migration	Schooling	Morphology	Desirability	Management
<i>Scomberomorus brasiliensis</i>	138.75	0.00	3.31	17.99	low	mod	no_effect	increase_fish	high_selec	high	no_strat
<i>Scorpaena plumieri</i>	45.00	0.00	3.56	0.72	mod	high	no_effect	no_effect	high_selec	low	no_strat
<i>Selene setapinnis</i>	60.00	0.00	3.72	7.91	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Selene vomer</i>	48.30	0.00	4.29	1.44	mod	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Sphyræna guachancho</i>	200.00	0.00	4.35	12.23	low	mod	no_effect	no_effect	high_selec	high	no_strat
<i>Sphyrna lewini</i>	430.00	8.00	4.08	4.32	mod	mod	increase_fish	increase_fish	high_selec	mod	reactive
<i>Sphyrna zygaena</i>	500.00	8.00	4.94	7.91	mod	mod	no_effect	no_effect	high_selec	mod	reactive
<i>Stellifer brasiliensis</i>	22.20	0.00	3.38	5.04	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Stellifer rastrifer</i>	32.10	0.00	3.39	7.91	high	high	no_effect	no_effect	high_selec	high	no_strat
<i>Stephanolepis hispidus</i>	27.50	0.00	2.56	4.32	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Syacium papillosum</i>	30.00	0.00	3.31	44.60	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Symphurus tessellatus</i>	26.84	0.00	3.57	2.88	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Synodus foetens</i>	53.80	0.00	4.42	6.47	high	high	no_effect	no_effect	high_selec	low	no_strat
<i>Trachinotus carolinus</i>	64.00	0.00	3.50	4.32	low	high	no_effect	increase_fish	mod_select	high	no_strat
<i>Trichiurus lepturus</i>	234.00	0.00	4.42	32.37	mod	high	increase_fish	no_effect	mod_select	mod	no_strat
<i>Trinectes paulistanus</i>	20.50	0.00	3.34	7.19	mod	high	no_effect	no_effect	mod_select	low	no_strat
<i>Umbrina canosai</i>	40.00	0.00	3.85	2.16	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Umbrina coroides</i>	35.00	0.00	3.10	2.16	mod	high	no_effect	no_effect	high_selec	high	no_strat
<i>Zapteryx brevirostris</i>	59.30	8.00	3.64	0.72	mod	high	no_effect	no_effect	mod_select	mod	reactive