The following supplement accompanies the article

Umbrella species in marine systems: using the endangered humphead wrasse to conserve coral reefs

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Supplement. This supplement contains information gathered from the published literature on the home ranges of coral reef fishes.

Table S1: Body size, home-range length, and references for coral reef fishes

Species	Mean body length (mm)	Mean home range length (m)	Reference
Acanthurus bahianus	145	116	(Chapman & Kramer 2000)
Acanthurus chirurgus[1]	185	75	(Garcia et al. 2011)
Acanthurus coeruleus	145	88	(Chapman & Kramer 2000)
Acanthurus coeruleus[1]	42	1.67	(Bell & Kramer 2000)
Amblycirrhitus pinos	44	1.8	(Luckhurst & Luckhurst 1978)
Bodianus rufus[1]	190	24	(Hoffman 1983)
Cantherhines pullus	170	42	(Chapman & Kramer 2000)
Canthigaster rostrata[1]	53	5.1	(Sikkel 1990)
Caranx ignobilis	329	2913	(Wetherbee et al. 2004)
Caranx melampygus	502	4593	(Holland et al. 1996)
Carcharhinus leucas[1]	2080	6250	(Yeiser et al. 2008)
Carcharhinus melanopterus melanopterus	1210	5900	(Papastamatiou et al. 2010)
Centropyge argi	45	1.2	(Luckhurst & Luckhurst 1978)
Cephalopholis cruentata	300	64	(Popple & Hunte 2005)
Chaetodon austriacus	130	233	(Righton & Mills 2006)
Chaetodon striatus	135	110	(Chapman & Kramer 2000)
Chaetodon trifascialis	180	1204	(Righton & Mills 2006)
Chlorurus microrhinos[1]	431	101	(Welsh & Bellwood 2011)
Dascyllus aruanus[1]	40	2	(Sale 1971)
Enneanectes atrorus	23	0.4	(Luckhurst & Luckhurst 1978)

Species	Mean body length (mm)	Mean home range length (m)	Reference
Epinephelus fulvus	260	8	(Shapiro et al. 1994)
Epinephelus guttatus[1]	254	33	(Chapman & Kramer 2000)
Epinephelus morio[1]	535	1572	(Farmer 2009)
Epinephelus striatus[1]	582	152	(Bolden 2001)
Haemulon sciurus[1]	288	133	(Hitt et al. 2011)
Halichoeres bivittatus[1]	114	6.45	(Jones 2006)
Halichoeres garnoti[1]	119	6.7	(Jones 2006)
Halichoeres maculipinna[1]	117	7.88	(Jones 2006)
Halichoeres poeyi[1]	107	5.81	(Jones 2006)
Holocanthus tricolor	160	62	(Kramer & Chapman 1999)
Holocentrus adscensionis	170	22	(Kramer & Chapman 1999)
Kyphosus sectatrix	352	547	(Eristhee & Oxenford 2001)
Labroides dimidiatus[1]	40	4.4	(Moland & Jones 2004)
Lethrinus harak[1]	244	182	(Taylor & Mills 2013)
Lethrinus obsoletus[1]	209	100	(Taylor & Mills 2013)
Lutjanus analis[1]	553	3120	(Farmer 2009)
Lutjanus apodus[1]	312	120	(Hitt et al. 2011)
Lutjanus griseus[1]	540	2016	(Farmer 2009)
Cheilinus undulatus	750	6329	This study
Micrognathus ensenadae	90	2.6	(Luckhurst & Luckhurst 1978)
Mycteroperca bonaci[1]	500	1199	(Farmer 2009)
Myripristis jacobus	145	26	(Chapman & Kramer 2000)
Naso lituratus[1]	194	151	(Marshell et al. 2011)
Naso unicornis[1]	115	130	(Marshell et al. 2011)
Naso unicornis[1]	473	136	(Meyer & Holland 2005)
Negaprion brevirostris[1]	1510	6320	(Yeiser et al. 2008)
Ocyurus chrysurus[1]	513	1788	(Farmer 2009)
Ophioblennius atlantius[1]	67	0.8	(Nursall 1977)
Parupeneus porphyreus[1]	232	156	(Meyer et al. 2000)
Plagiotremus rhinorhynchos[1]	51.5	5.7	(Moland & Jones 2004)
Plectropomus areolatus[1]	537	247	(Hutchinson & Rhodes 2010)
Plectropomus leopardus	490	223	(Zeller 1997)
Pomacentrus flavicauda[1]	66	1.6	(Low 1971)
Pseudocaranx dentex	476	6100	(Afonso et al. 2009)
Scarus niger[1]	400	18	(Bellwood 1985)
Scarus oviceps[1]	350	20	(Bellwood 1985)
Scarus rivulatus[1]	236	55.8	(Welsh & Bellwood 2012)

Species	Mean body length (mm)	Mean home range length (m)	Reference
Scarus rubroviolaceus[1]	700	58	(Ong 2007)
Scarus rubroviolaceus[1]	449.5	72.7	(Howard et al. 2013)
Sianus leneatus[1]	255	200	(Fox & Bellwood 2011)
Siganus doliatus	231	140	(Brandl & Bellwood 2013)
Sparisoma aurofrenatum[1]	280	15	(Mumby & Wabnitz 2002)
Sparisoma chysopterum[1]	460	18	(Mumby & Wabnitz 2002)
Sparisoma rubripinne[1]	478	28	(Mumby & Wabnitz 2002)
Sparisoma viride[1]	280	25	(Rooij & Jong 1996)
Sparisoma viride[1]	227.5	68.5	(Garcia et al. 2011)
Sparisoma viride[1]	640	15	(Mumby & Wabnitz 2002)
Stegastes diencaeus	78	2	(Luckhurst & Luckhurst 1978)
Stegastes nigricans[1]	70	0.28	(Letourneur 2000)
Stegastes partitus	57	2.4	(Luckhurst & Luckhurst 1978)
Stegastes planifrons	68	1.8	(Luckhurst & Luckhurst 1978)
Thalassoma bifasciatum[1]	74	6.5	(Jones 2006)
Ucla xenogrammus[1]	50.6	2.08	(Fujita et al. 2006)

[1]Home-range length estimated from area assuming circular home range.

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