

Article title: Reef fish communities in the central Red Sea show evidence of asymmetrical fishing pressure

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ESM 2. List of species recorded as well as their trophic guild assignment, *a/b* values (see Methods), and ubiquity across all study sites.

	Trophic Guild	<i>a</i> value	<i>b</i> value	Ubiquity
Acanthuridae				
<i>Acanthurus gahhm</i> (Forsskål, 1775)	Herbivore	0.023	3.060	83.3%
<i>Acanthurus nigrofuscus</i> (Forsskål, 1775)	Herbivore	0.023	3.060	80.0%
<i>Acanthurus sohal</i> (Forsskål, 1775)	Herbivore	0.023	3.060	6.7%
<i>Ctenochaetus striatus</i> (Quoy & Gaimard, 1825)	Herbivore	0.023	3.060	100.0%
<i>Naso brevirostris</i> (Cuvier, 1829)	Herbivore	0.060	2.743	10.0%
<i>Naso elegans</i> (Rüppell, 1829)	Herbivore	0.023	3.060	56.7%
<i>Naso hexacanthus</i> (Bleeker, 1855)	Planktivore	0.042	2.854	90.0%
<i>Naso unicornis</i> (Forsskål, 1775)	Herbivore	0.028	2.980	66.7%
<i>Zebrasoma desjardini</i> (Bennett, 1835)	Herbivore	0.034	2.861	63.3%
<i>Zebrasoma xanthurum</i> (Blyth, 1852)	Herbivore	0.034	2.861	56.7%
Balistidae				
<i>Balistapus undulatus</i> (Park, 1797)	Carnivore	0.026	3.010	86.7%
<i>Balistoides viridescens</i> (Bloch & Schneider, 1801)	Carnivore	0.024	3.018	46.7%
<i>Odonus niger</i> (Rüppell, 1836)	Planktivore	0.036	2.875	26.7%
<i>Pseudobalistes flavimarginatus</i> (Rüppell, 1829)	Carnivore	0.073	2.760	16.7%
<i>Rhinecanthus assasi</i> (Forsskål, 1775)	Carnivore	0.022	3.000	3.3%
Caesionidae				
<i>Caesio lunaris</i> Cuvier, 1830	Planktivore	0.011	3.080	56.7%
<i>Casio striata</i> Rüppell, 1830	Planktivore	0.011	3.080	20.0%
<i>Caesio suevica</i> Klunzinger, 1884	Planktivore	0.010	3.050	30.0%
Carangidae				
<i>Carangoides bajad</i> (Forsskål, 1775)	Top Predator	0.020	2.869	66.7%
<i>Carangoides ferdau</i> (Forsskål, 1775)	Top Predator	0.037	2.851	6.7%
<i>Caranx ignobilis</i> (Forsskål, 1775)	Top Predator	0.023	3.060	23.3%
<i>Caranx melampygus</i> Cuvier, 1833	Top Predator	0.025	2.940	80.0%
<i>Caranx sexfasciatus</i> Quoy & Gaimard, 1825	Top Predator	0.028	2.980	33.3%
<i>Elagatis bipinnulata</i> (Quoy & Gaimard, 1825)	Top Predator	0.016	2.690	3.3%

<i>Scomberoides lysan</i> (Forsskål, 1775)	Top Predator	0.015	2.830	3.3%
<i>Trachinotus blochii</i> (Lacepède, 1801)	Carnivore	0.088	2.572	3.3%
Carcharhinidae				
<i>Triaenodon obesus</i> (Rüppell, 1837)	Top Predator	0.002	3.363	3.3%
Chaetodontidae				
<i>Chaetodon auriga</i> Forsskål, 1775	Carnivore	0.032	2.920	43.3%
<i>Chaetodon austriacus</i> Rüppell, 1836	Carnivore	0.023	3.148	80.0%
<i>Chaetodon fasciatus</i> Forsskål, 1775	Carnivore	0.023	3.148	70.0%
<i>Chaetodon larvatus</i> Cuvier, 1831	Carnivore	0.026	3.100	10.0%
<i>Chaetodon lineolatus</i> Cuvier, 1831	Carnivore	0.069	2.622	13.3%
<i>Chaetodon melannotus</i> Bloch & Schneider, 1801	Carnivore	0.027	3.049	66.7%
<i>Chaetodon mesoleucos</i> Forsskål, 1775	Carnivore	0.023	3.148	10.0%
<i>Chaetodon paucifasciatus</i> Ahl, 1923	Carnivore	0.023	3.148	13.3%
<i>Chaetodon semilarvatus</i> Cuvier, 1831	Carnivore	0.023	3.148	50.0%
<i>Chaetodon trifascialis</i> Quoy & Gaimard, 1824	Carnivore	0.035	2.860	23.3%
<i>Heniochus intermedius</i> Steindachner, 1893	Carnivore	0.017	3.211	60.0%
Chanidae				
<i>Chanos chanos</i> (Forsskål, 1775)	Herbivore	0.013	3.010	3.3%
Cirrhitidae				
<i>Cirrhitichthys oxycephalus</i> (Bleeker, 1855)	Carnivore	0.014	3.117	13.3%
<i>Paracirrhites forsteri</i> (Schneider, 1801)	Carnivore	0.009	3.070	93.3%
Echeneidae				
<i>Echeneis naucrates</i> Linneaus, 1758	Planktivore	0.001	3.320	3.3%
Ephippidae				
<i>Platax orbicularis</i> (Forsskål, 1775)	Carnivore	0.043	2.975	10.0%
<i>Platax teira</i> (Forsskål, 1775)	Carnivore	0.043	2.975	20.0%
Haemulidae				
<i>Plectorhinchus albovittatus</i> (Rüppell, 1838)	Carnivore	0.017	3.040	6.7%
<i>Plectorhinchus gaterinus</i> (Forsskål, 1775)	Carnivore	0.017	3.040	23.3%
Kyphosidae				
<i>Kyphosus cinerascens</i> (Forsskål, 1775)	Herbivore	0.018	3.037	33.3%
<i>Kyphosus vaigiensis</i> (Quoy & Gaimard, 1825)	Herbivore	0.020	3.037	16.7%
Labridae				
<i>Anampses twistii</i> Bleeker, 1856	Carnivore	0.020	3.000	33.3%
<i>Bodianus anthioides</i> (Bennett, 1832)	Carnivore	0.011	3.039	23.3%
<i>Bodianus axillaris</i> (Bennett, 1832)	Carnivore	0.011	3.039	10.0%
<i>Bodianus diana</i> (Lacepède, 1801)	Carnivore	0.011	3.039	43.3%
<i>Cheilinus quinquecinctus</i> Rüppell, 1835	Carnivore	0.015	3.000	6.7%
<i>Cheilinus undulatus</i> Rüppell, 1835	Carnivore	0.015	3.070	40.0%
<i>Coris aygula</i> Lacepède, 1801	Carnivore	0.003	3.489	3.3%

<i>Epibulus insidiator</i> (Pallas, 1770)	Carnivore	0.016	3.081	36.7%
<i>Gomphosus caeruleus</i> Lacepède, 1801	Carnivore	0.024	2.703	90.0%
<i>Halichoeres hortulanus</i> (Lacepède, 1801)	Carnivore	0.012	3.064	90.0%
<i>Labroides dimidiatus</i> (Valenciennes, 1839)	Carnivore	0.006	3.231	86.7%
<i>Larabicus quadrilineatus</i> (Rüppell, 1835)	Carnivore	0.011	3.039	20.0%
<i>Macropharyngodon marisrubri</i> (Smith, 1957)	Carnivore	0.010	3.040	3.3%
<i>Oxycheilinus digramma</i> (Lacepède, 1801)	Carnivore	0.049	2.450	20.0%
<i>Oxycheilinus mentalis</i> (Rüppell, 1828)	Carnivore	0.049	2.450	6.7%
<i>Pseudocheilinus evanidus</i> Jordan & Evermann, 1903	Carnivore	0.012	3.115	16.7%
<i>Pseudocheilinus hexataenia</i> (Bleeker, 1857)	Carnivore	0.012	3.115	76.7%
<i>Pseudodax moluccanus</i> (Valenciennes, 1840)	Carnivore	0.011	3.040	86.7%
<i>Thalassoma lunare</i> (Linnaeus, 1758)	Carnivore	0.021	2.814	80.0%
<i>Thalassoma rueppellii</i> (Klunzinger, 1871)	Carnivore	0.021	2.814	43.3%
Lethrinidae				
<i>Lethrinus microdon</i> Valenciennes, 1830	Carnivore	0.022	2.900	3.3%
<i>Lethrinus xanthochilus</i> Klunzinger, 1870	Carnivore	0.022	2.940	6.7%
<i>Monotaxis grandoculis</i> (Forsskål, 1775)	Carnivore	0.027	2.960	70.0%
Lutjanidae				
<i>Lutjanus argentimaculatus</i> (Forsskål, 1775)	Top Predator	0.021	2.930	3.3%
<i>Lutjanus bohar</i> (Forsskål, 1775)	Top Predator	0.016	3.059	70.0%
<i>Lutjanus ehrenbergii</i> (Peters, 1869)	Carnivore	0.003	3.335	26.7%
<i>Lutjanus gibbus</i> (Forsskål, 1775)	Carnivore	0.023	3.890	36.7%
<i>Lutjanus kasmira</i> (Forsskål, 1775)	Carnivore	0.011	3.154	40.0%
<i>Lutjanus monostigma</i> (Cuvier, 1828)	Top Predator	0.022	2.913	46.7%
<i>Macolor niger</i> (Forsskål, 1775)	Planktivore	0.023	3.000	63.3%
Monacanthidae				
<i>Aluterus scriptus</i> (Osbeck, 1765)	Carnivore	0.823	1.814	6.7%
<i>Amanses scopas</i> (Cuvier, 1829)	Carnivore	0.022	2.922	3.3%
<i>Cantherhines pardalis</i> (Rüppell, 1837)	Carnivore	0.017	3.070	3.3%
Mullidae				
<i>Mulloidichthys vanicolensis</i> (Valenciennes, 1831)	Carnivore	0.012	2.960	6.7%
<i>Parupeneus cyclostomus</i> (Lacepède, 1801)	Carnivore	0.010	3.110	6.7%
<i>Parupeneus sp.</i>	Carnivore	0.010	3.110	20.0%
Muraenidae				
<i>Gymnothorax javanicus</i> (Bleeker, 1859)	Top Predator	0.001	3.100	16.7%
Ostraciidae				
<i>Ostracion cyanurus</i> Rüppell, 1828	Carnivore	0.115	2.550	6.7%
Pomacanthidae				
<i>Centropyge multispinis</i> (Playfair, 1867)	Carnivore	0.031	2.885	80.0%
<i>Pomacanthus imperator</i> (Bloch, 1787)	Carnivore	0.034	2.968	26.7%

<i>Pomacanthus maculosus</i> (Forsskål, 1775)	Carnivore	0.034	2.968	20.0%
<i>Pygoplites diacanthus</i> (Boddaert, 1772)	Carnivore	0.031	2.885	93.3%
Pomacentridae				
<i>Abudefduf sexfasciatus</i> (Lacepède, 1801)	Planktivore	0.023	3.130	6.7%
<i>Abudefduf vaigiensis</i> (Quoy & Gaimard, 1825)	Planktivore	0.020	3.034	16.7%
<i>Amblyglyphidodon flavilatus</i> Allen & Randall, 1980	Planktivore	0.023	3.130	3.3%
<i>Amblyglyphidodon indicus</i> Allen & Randall, 2002	Planktivore	0.023	3.130	40.0%
<i>Amphiprion bicinctus</i> Rüppell, 1830	Planktivore	0.020	3.000	23.3%
<i>Chromis dimidiata</i> (Klunzinger, 1871)	Planktivore	0.057	2.650	100.0%
<i>Chromis flavaxilla</i> Randall, 1994	Planktivore	0.057	2.650	83.3%
<i>Chromis pembae</i> Smith, 1960	Planktivore	0.048	2.710	46.7%
<i>Chromis viridis</i> (Cuvier, 1830)	Planktivore	0.048	2.710	6.7%
<i>Chromis weberi</i> Fowler and Bean, 1928	Planktivore	0.057	2.650	26.7%
<i>Dascyllus trimaculatus</i> (Rüppell, 1829)	Planktivore	0.060	2.850	36.7%
<i>Neoglyphidodon melas</i> (Cuvier, 1830)	Herbivore	0.018	3.182	10.0%
<i>Plectroglyphidodon lacrymatus</i> (Quoy & Gaimard, 1824)	Herbivore	0.061	2.635	40.0%
<i>Pomacentrus sulfureus</i> Klunzinger, 1871	Planktivore	0.030	2.870	66.7%
Scaridae				
<i>Cetoscarus bicolor</i> (Rüppell, 1829)	Herbivore	0.020	3.000	53.3%
<i>Chlorurus gibbus</i> (Rüppell, 1829)	Herbivore	0.019	3.100	13.3%
<i>Chlorurus sordidus</i> (Forsskål, 1775)	Herbivore	0.019	3.100	86.7%
<i>Hipposcarus harid</i> (Forsskål, 1775)	Herbivore	0.013	3.050	23.3%
<i>Scarus ferrugineus</i> Forsskål, 1775	Herbivore	0.020	3.000	53.3%
<i>Scarus ghobban</i> Forsskål, 1775	Herbivore	0.019	3.003	3.3%
<i>Scarus niger</i> Forsskål, 1775	Herbivore	0.018	3.130	23.3%
<i>Scarus sp.</i>	Herbivore	0.032	3.060	43.3%
Scombridae				
<i>Gymnosarda unicolor</i> (Rüppell, 1836)	Top Predator	0.011	3.065	26.7%
Serranidae				
<i>Aethaloperca roga</i> (Forsskål, 1775)	Carnivore	0.030	3.000	73.3%
<i>Cephalopholis argus</i> Bloch & Schneider, 1801	Carnivore	0.012	3.120	20.0%
<i>Cephalopholis hemistiktos</i> (Rüppell, 1830)	Carnivore	0.022	3.000	70.0%
<i>Cephalopholis miniata</i> (Forsskål, 1775)	Carnivore	0.017	2.990	96.7%
<i>Cephalopholis sexmaculata</i> (Rüppell, 1830)	Carnivore	0.027	3.000	20.0%
<i>Diploprion drachi</i> Roux-Estève, 1955	Carnivore	0.010	3.040	6.7%
<i>Epinephelus fuscoguttatus</i> (Forsskål, 1775)	Top Predator	0.014	3.040	6.7%
<i>Epinephelus tauvina</i> (Forsskål, 1775)	Top Predator	0.022	3.010	10.0%
<i>Epinephelus tukula</i> Morgans, 1959	Top Predator	0.106	2.560	3.3%
<i>Plectropomus marisrubri</i> (Fowler, 1904)	Top Predator	0.012	3.060	50.0%
<i>Pseudanthias squamipinnis</i> (Peters, 1855)	Planktivore	0.057	2.650	100.0%

<i>Variola louti</i> (Forsskål, 1775)	Top Predator	0.014	3.040	3.3%
Siganidae				
<i>Siganus stellatus</i> (Forsskål, 1775)	Herbivore	0.014	3.138	30.0%
Sparidae				
<i>Acanthopagrus bifasciatus</i> (Forsskål, 1775)	Carnivore	0.014	1.575	3.3%
Sphyraenidae				
<i>Sphyraena barracuda</i> (Edwards, 1771)	Top Predator	0.050	2.517	46.7%
<i>Sphyraena qenie</i> Klunzinger, 1870	Top Predator	0.006	3.000	10.0%
Tetraodontidae				
<i>Arothron diadematus</i> (Rüppell, 1829)	Carnivore	0.017	2.960	20.0%
