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Article title: Herbivorous reef fish interaction with the habitat and physicochemical variables in coral ecosystems in the Mexican Tropical Pacific

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Table S3: Details of the herbivorous species functional traits used to differentiate between functions based on different feeding strategies amongst herbivorous reef fish from Natural Protected islands in Mexican Tropical Pacific [107-110]

Species	Species code	Size ^{abcd}	Aggregation type ^{4abcd}	Mobility ^{bcd}	Feeding mode ^{bcd}	Position ^{bcd}	Q/B ^b
<i>Acanthurus nigricans</i> (Linnaeus 1758)	Anig	1:0.1-7	2: Small	2: Within	3: Grazer	2: Above	39.3
<i>Acanthurus triostegus</i> (Linnaeus 1758)	Atri	1:0.1-7	2: Small	2: Within	3: Grazer	2: Above	38.2
<i>Acanthurus xanthopterus</i> Valenciennes 1835	Axan	2:7.1-15	2: Small	3: Between	3: Grazer	2: Above	18
<i>Kyphosus vaigiensis</i> (Quoy & Gaimard 1825)	Kana	2:7.1-15	1: Solitary	3: Between	3: Grazer	2: Above	30.1
<i>Kyphosus elegans</i> (Peters 1869)	Kele	2:7.1-15	1: Solitary	3: Between	2: Browser	2: Above	27.3
<i>Microspathodon dorsalis</i> (Gill 1862)	Mdor	2:7.1-15	1: Solitary	1: Sedentary	2: Browser	1: Bottom	33.8
<i>Nicholsina denticulata</i> (Evermann & Radcliffe 1917)	Nden	2:7.1-15	1: Solitary	2: Within	4: Scraper	2: Above	24.3
<i>Prionurus laticlavius</i> (Valenciennes 1846)	Ppun	2:7.1-15	3: Large	2: Within	3: Grazer	2: Above	19.1
<i>Scarus ghobban</i> Forsskål 1775	Sgho	2:7.1-15	1: Solitary	2: Within	4: Scraper	2: Above	16.6
<i>Scarus perrico</i> Jordan & Gilbert 1882	Sper	3:15.1-30	1: Solitary	2: Within	4: Scraper	2: Above	19.7
<i>Scarus rubroviolaceus</i> Bleeker 1847	Srub	3:15.1-30	1: Solitary	2: Within	4: Scraper	2: Above	17.7
<i>Stegastes acapulcoensis</i> (Fowler 1944)	Saca	1:0.1-7	1: Solitary	2: Within	1: Farmer	1: Bottom	48.5
<i>Stegastes flavilatus</i> (Gill 1862)	Sfla	1:0.1-7	1: Solitary	1: Sedentary	1: Farmer	2: Above	48.9

Size (mean observed length in cm), 3 ordered categories: 0.1-7cm, 7.1-15cm, 15.1-30cm. Aggregation type (number of individuals found on social schooling), 3 categories ordered: Solitary (single), Small (3-20 individuals), Large (> 20 ind.). Mobility (common range movement), 3 categories: Sedentary (site attached species), Within (stay within reefs), Between (move to other reefs). Feeding type (common type of algae consumption), 4 categories: Farmer (territorial algal farming), Grazer (feeds superficially on epithelial turf algae), Browser (feeds on macroalgae frond), Scraper (feeds by scraping on epithelial turf algae generally leaving marks). Position (position on the water column), 2 categories: Above (moving on the water column), Bottom (Near or attached to the bottom). Q/B (food consumption per biomass ratio), continuous trait.

References: ^aown data; ^bweb search: FishBase [107]; Shorefishes of the Tropical Eastern Pacific [108]; ^cfield experience A.L. Cupul-Magaña Pers.Comm.; and ^dscientific literature: [109,110].