

TABLE S1 | Codes, measures, and units constituting the ecomorphological data set obtained for *Acanthurus bahianus*, *A. chirurgus*, and *A. coeruleus*. Head length is the maximum length of the head (*i.e.*, from the tip of the snout to the end of the operculum); head height is defined as the head depth measured vertically through the center of the eyes; head width is the largest horizontal measurement of the head; head width on the eyes line correspond to a horizontal measurement of the head between the center of the eyes; mouth width is the interior lateral dimension of the mouth (fully opened); and mouth height is the interior dorsal-ventral dimension of the mouth fully opened (*i.e.*, the mouth gape).

	Ecomorphological data set
TL	Total length (mm)
HL	Head length (mm)
HH	Head height (mm)
HW	Head width (mm)
HWE	Head width on the eyes line (mm)
MW	Mouth width (mm)
MH	Mouth height (mm)
DTL	Digestive tube length (mm)
PM	Premaxilla weight (g)
MAX	Maxilla weight (g)
DEN	Dentary weight (g)
ART	Articular weight (g)



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