

TABLE 1  
Synoptic table of morphological characteristics of species currently assigned to *Protocirrineris*  
(modified from Magalhães and Bailey-Brock, 2013).

Species /References	Type locality	Size	Prostomium	Peristomium	Origin of branchiae	Arrangement of tentacular filaments	Posterior region and pygidium	MGSP	Capillaries at SEM
<i>tenuisetis</i> <sup>1</sup> Grube, 1860		16.5 mm long, 5 mm wide	Short, Conical,	Single annulus?	Not described	Two groups from chaetigers 4–10	Not described	Unknown	Not observed
<i>chrysotherma</i> (Claparède, 1868)	Gulf of Naples, Italy	20-22 mm long, 0.5 mm wide for 150 chaetigers	Triangular,	Single annulus?	Chaetiger 4	2–3 pairs from chaetiger 4, one pair per segment	Not described	Unknown	Not observed
<i>nuchalis</i> (Ehlers, 1907)	Auckland harbor, New Zealand	42 mm long, 3 mm wide for about 388 chaetigers	Short, conical, with nuchal	Three annuli, first longer; dorsal crest	Chaetiger 4	Two groups of 2–4 longitudinal rows each above chaetigers 7–16	Not tapering anterior to pygidium, anal terminal and with two bean-shaped slits	Body stained uniformly	Not observed
<i>indicus</i> Day (1973)	South Bombay, India	120 mm long, 1.2 mm wide for about 700 chaetigers	Short,	Enlarged, undivided	Chaetiger 7	Two groups above chaetigers 7–11 or 8–13, 12 filaments in each group	Not described	unknown	Not observed
<i>socialis</i> Blake, 1996	Central California, USA	40 mm long, 2 mm wide for about 350 chaetigers	Short, rounded	Two annuli	Chaetigers 1–3	Three or four filaments in longitudinal rows above chaetigers 7–9	Posterior end not inflated, crowded chaetigers	No staining reaction	Not observed
<i>angelicollatio</i> Elias & Rivero, 2009	Mar del Plata, Argentina	18 mm long, 1.08 mm wide for 172 chaetigers	Short, rounded, with nuchal	2–3 annuli, dorsal crest present	Chaetigers 7 or 8	Two groups of 2–3 pairs in longitudinal rows above chaetigers 4–7	Inflated dorsally	Uniformly stained dark green	Fimbriated
<i>mascaratus</i> Magalhães & Bailey-Brock, 2013	Oahu, Hawaii, USA	8 mm long, 0.4 mm wide for 126 chaetigers	Short, conical, with nuchal	3 annuli, subequals	Chaetigers 3 or 4	Two groups of 2 pairs each above chaetigers 1-2 or 2-3	Pygidium simple, terminal anus	Pro- and peristomium intensely speckled	Fimbriated
<i>purgamentorum</i> Lezzi et al., 2015	Ionian coast, Italy		Short, rounded, with nuchal	Two lateral and ventral annuli	Chaetiger 4	Two groups of two longitudinal rows above chaetigers 4–7		Uniformly light green	Finely serrated in one side
<i>Stranloperarum</i> Elias, Saracho, & Simon. V SILPOLY	Cape, Lambert Bay, South Africa		Short, rounded, with nuchal		Chaetiger 7	Two groups of 2–4 longitudinal rows above chaetigers 5–10 (11)		Uniformly stained dark green	Fimbriated
<i>magalhaesi</i> Elias & Saracho V SILPOLY	Cape, Lambert Bay, South Africa		Very short, oblique nuchal organs	Dorsally smooth, lateral annulations	Chaetiger 2-3	Two groups of 2–4 longitudinal rows above chaetiger 4 to 8–9	Inflate dorsally, pygidium with 3-5 lobes; anus dorsal	No staining reaction	Fimbriated, some dentated in one side
<i>baiana</i> sp. nov. Elias, Saracho & Magalhães. V SILPOLY	Todos os Santos Bay, Northern Brazil		Short conical, rising from the peristomium without eyes	Triannulated, with sub annulations; First 4 chaetigers also with a sub-annulation	Chaetiger 1	Tentacular filaments (about 5–6 in each pack) rising over chaetigers 3-4	inflated laterally and dorsally, ending in a terminal anus	Unknown	
<i>camamuensis</i> sp. nov. Elias, Saracho & Magalhães. V SILPOLY	Camamu Bay, Northern Brazil		Short and wide; just protruding from the body	Peristomium triannulated, short (as long as 4 chaetigers)	Chaetiger 1, present to the end of the body sporadically	Tentacular filaments short (regenerating) rising among chaetigers 3–4, numbering 5–10 per pack	Laterally expanded, pygidium conical with anus terminal	Entire body stained, with uncolored patches in the ventrum and the posterior cone	

<sup>1</sup> According to Hartman (1959), this species is indeterminate, probably due to the poorly preservation state of the holotype.