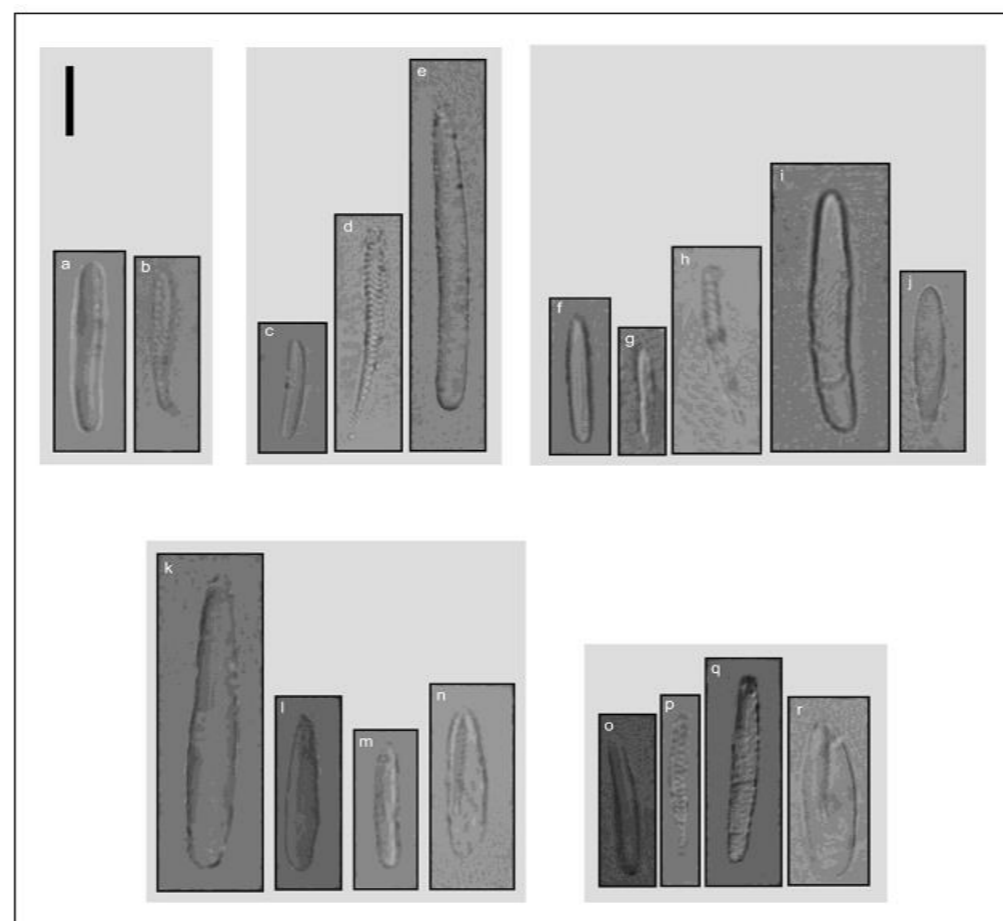


Classification  
 Order Actiniaria  
 Familia Actiniidae  
 Genero Bunodosoma  
 Species ***Bunodosoma zamponii*** Gomes, Schama & Solé-Cava, 2012

Reference: [Garese A, Carrizo S, Acuña FH. 2016. Biometry of sea anemone and corallimorpharian cnidae: statical distribution and suitable tools for analysis. Zoomorphology. DOI 10.1007/s00435-016-0319-6](https://doi.org/10.1007/s00435-016-0319-6)

Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N
Tentacles	Spirocyst	16–30 (22.63) 9 2–4 (2.78)	12/12	360
	Basitrich	17–31 (23.73 ± 2.75) 9 2–4 (2.75)	12/12	360
Acrorahgi	Basitrich	10–25 (15.55 ± 2.77) 9 2–3 (2.22)	12/12	360
	Spirocyst	17–42 (29.38 ± 4.71) 9 2–4 (3.05)	12/12	360
	Holotrich	33–63 (46.56 ± 5.85) 9 4–6 (4.76)	12/12	360
Column	Basitrich I	12–28 (18.31 ± 1.92) 9 2–4 (3.00)	12/12	360
	Basitrich II	11–19 (14.80 ± 1.40) 9 2–3 (2.00)	12/12	360
	Spirocyst	17–33 (23.88 ± 3.53) 9 2–4 (2.94)	12/12	121
	Holotrich I	28–56 (35.06 ± 5.90) 9 4–6 (4.65)	12/12	329
	Holotrich II	17–29 (22.99 ± 2.47) 9 3–6 (4.42)	11/12	330
Actinopharinx	Basitrich	11–20 (15.10 ± 1.95) 9 2–3 (2.16)	12/12	360
	Spirocyst	16–33 (21.77 ± 2.68) 9 2–3 (2.66)	10/12	118
	Microbasic b-mastigophore	20–33 (26.07 ± 2.56) 9 2–4 (3.09)	12/12	360
	Microbasic p-mastigophore	17–26 (22.07 ± 2.10) 9 3–7 (4.82)	11/12	69
Mesenterial filaments	Microbasic b-mastigophore I	30–58 (42.72 ± 4.12) 9 4–8 (5.51)	12/12	360
	Microbasic b-mastigophore II	18–30 (22.37 ± 2.20) 9 3–5 (3.64)	12/12	360
	Microbasic b-mastigophore III	8–23 (14.15 ± 2.40) x 2	12/12	360
	Microbasic p-mastigophore	17–32 (22.71 ± 2.07) 9 4–8 (5.34)	12/12	360



**Fig. 11** Cnidom of *Bunodosoma zamponii*. Tentacle: **a** basitrich, **b** spirocyst; Acrorahgi: **c** basitrich, **d** spirocyst, **e** holotrich; Column: **f** basitrich I, **g** basitrich II, **h** spirocyst, **i** holotrich I, **j** holotrich II; Mesenterial filament: **k** microbasic b-mastigophore I, **l** microbasic b-mastigophore II, **m** microbasic b-mastigophore III; **n** microbasic p-mastigophore; Actinopharynx: **o** basitrich, **p** spirocyst, **q** microbasic b-mastigophore, **r** microbasic p-mastigophore. Scale= 10 µm

Source: Garese et al. (2016)

Reference: [Gomes PB, Schama R, Solé-Cava AM, 2012. Molecular and morphological evidence that \*Phymactis papillosa\* from Argentina is, in fact, a new species of the genus \*Bunodosoma\* \(Cnidaria: Actiniidae\). Journal of the Marine Biological Association of the United Kingdom](https://doi.org/10.1007/s00435-016-0319-6)

Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N	Abundance
Tentacles	Hpirocysts	(10.0–25.4) × (2.0–2.4)	10/10	40	VC
	b-rhabdoids	(13.0–31.8) × (2.0–3.0)	10/10	40	C
Acrorahgi	Holotrichs	(29.9–55.1) × (3.0–6.4)	10/10	40	C
	Spirocysts	(19.1–39.6) × (2.0–4.2)	10/10	40	C
	b-rhabdoids	(14.0–23.3) × (2.0–4.2)	10/10	25	S
Column	b-rhabdoids	(10.6–24.0) × (2.0–3.0)	10/10	67	C
	Spirocysts	(14.8–30.0) × (2.0–3.0)	5/10	25	R

	Holotrachs*	(17.0–25.0) × (2.0–5.0)	10/10	35	C
	Holotrachs	(30.0–46.0) × (3.0–6.0)	4/10	20	R
Actinopharinx	Spirocysts	(17.0–22.8) × (2.1–2.4)	10/10	20	R
	b-rhabdoids	(18.0–32.4) × (2.4–4.24)	10/10	35	C
	p-rhabdoids	(23.3–27.6) × (4.0–5.0)	10/10	25	C
Mesenterial filaments	b-rhabdoids I	(37.0–53.0) × (4.0–6.0)	9/10	25	C
	b-rhabdoids II	(21.0–27.0) × (2.0–3.0)	8/10	25	S
	b-rhabdoids III	(8.4–19.0) × 2.0	9/10	30	C
	p-rhabdoids A	(19.0–27.0) × (4.0–6.0)	8/10	25	C
	p-rhabdoids B1a	(15.0–20.0) × (5.0–6.0)	3/10	20	R

Notes: \*very common in the middle column, absent or sporadic near the oral and pedal disc.  
VC, very common; C, common; S, scarce; R, rare

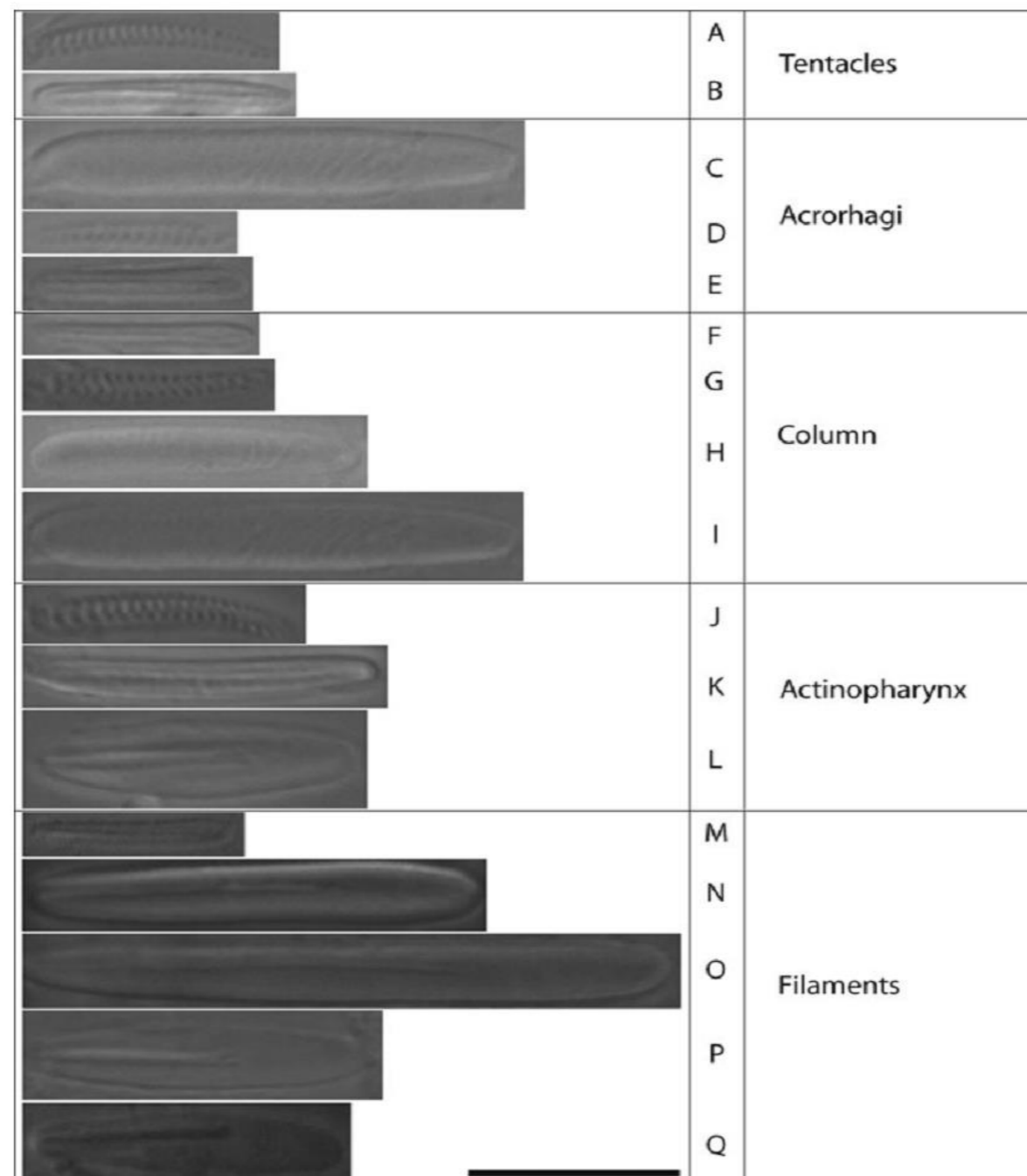


Fig. 8. Cnidae of *Bunodosoma zamponii* sp. nov.: (A) spirocyst; (B) b-rhabdoid; (C) holotrach; (D) spirocyst; (E) b-rhabdoid; (F) b-rhabdoid; (G) spirocyst; (H) holotrach; (I) holotrach; (J) spirocyst; (K) b-rhabdoid; (L) p-rhabdoid; (M) b-rhabdoid 1; (N) b-rhabdoid 2; (O) b-rhabdoid 3; (P) p-rhabdoid A; (Q) p-rhabdoid B1a. Scale bar: 10  $\mu$ m.

Classification  
Order Actiniaria  
Family Actiniidae  
Genus *Bunodosoma*  
Cited as *Phymactis Clematis*  
Species ***Bunodosoma zamponii*** Gomes, Schama & Solé-Cava, 2012

Reference: Acuña FH, Zamponi MO: 1997. The use of Cnidocysts for Ecological Races Identification from sea anemones populations (Anthozoa, Actiniidae). *Ihneringia Serie Zoologia* 82: 9-18.

Tissue	Cnida type	Range Length x Width (mean $\pm$ sd)	Zone	N
Tentacles	Spirocyst	16.05 $\pm$ 11.45	Punta Cantera	100
	Microbasic b-mastigophore	17.57 $\pm$ 1.7		100
Column	Microbasic p-mastigophore	16.85 $\pm$ 1.53		100
	Microbasic b-mastigophore	12.77 $\pm$ 1.4		100
Tentacles	Spirocyst	22.15 $\pm$ 2.67	Punta Piedras	100
	Microbasic b-mastigophore	22.38 $\pm$ 2.29		100
Column	Microbasic p-mastigophore	21.32 $\pm$ 3.15		100
	Microbasic b-mastigophore	15.99 $\pm$ 2.34		100

