

Order Actiniaria
 Family Actinodendridae
 Genus Megalactis
 Species **Megalactis hemprichii** Ehrenberg 1834

Reference: [Ardelean A, Fautin DG, 2004. A new species of the sea anemone Megalactis \(Cnidaria: Anthozoa: Actiniaria: Actinodendridae\) from Taiwan and designation of a neotype for the type species of the genus. Proceedings of the Biological Society of Washington. 117](#)

Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N
Oral face tentacle	Basitrich II	16.6-23.2 x 2.4-3.2	2/2	20
Distal column	Basitrich II	17.0-27.45 x 2.2-4.0	2/2	37
Middle column	Basitrich II	21.9-30.0 x 2.5-4.51 (26.4 x 3.2)	2/2	103
	Basitrich III	-	0/2	0
Proximal column	Basitrich II	22.2-30.3 x 2.6-4.4	2/2	23
Actinopharinx	Basitrich I	27.0-44.2 x 2.3-3.8	2/2	104
	Basitrich II	17.6-26.3 x 2.2-3.5	2/2	54
	Basitrich III	-	0/2	0
Mesenterial filaments	Basitrich I	33.8-72.8 x 2.6-4.2	2/2	116
	Basitrich II	18.8-26.1 x 2.2-3.2	2/2	54
	Basitrich III	54.0 x 5.2	1/1	1
	Basitrich IV	over 150 x 15	1/1	1
	Spirocyst	18.4-27.0 x 1.9-3.8	1/1	10
Acrospheres	Basitrich I	53.5-76.8 x 2.8-4.7 (67.8 x 3.5)	2/2	93
	Basitrich III	76.3-81.7 x 4.8-5.4	2/2	2
	Spirocyst	18.8-25 x 2-2.8	2/2	20

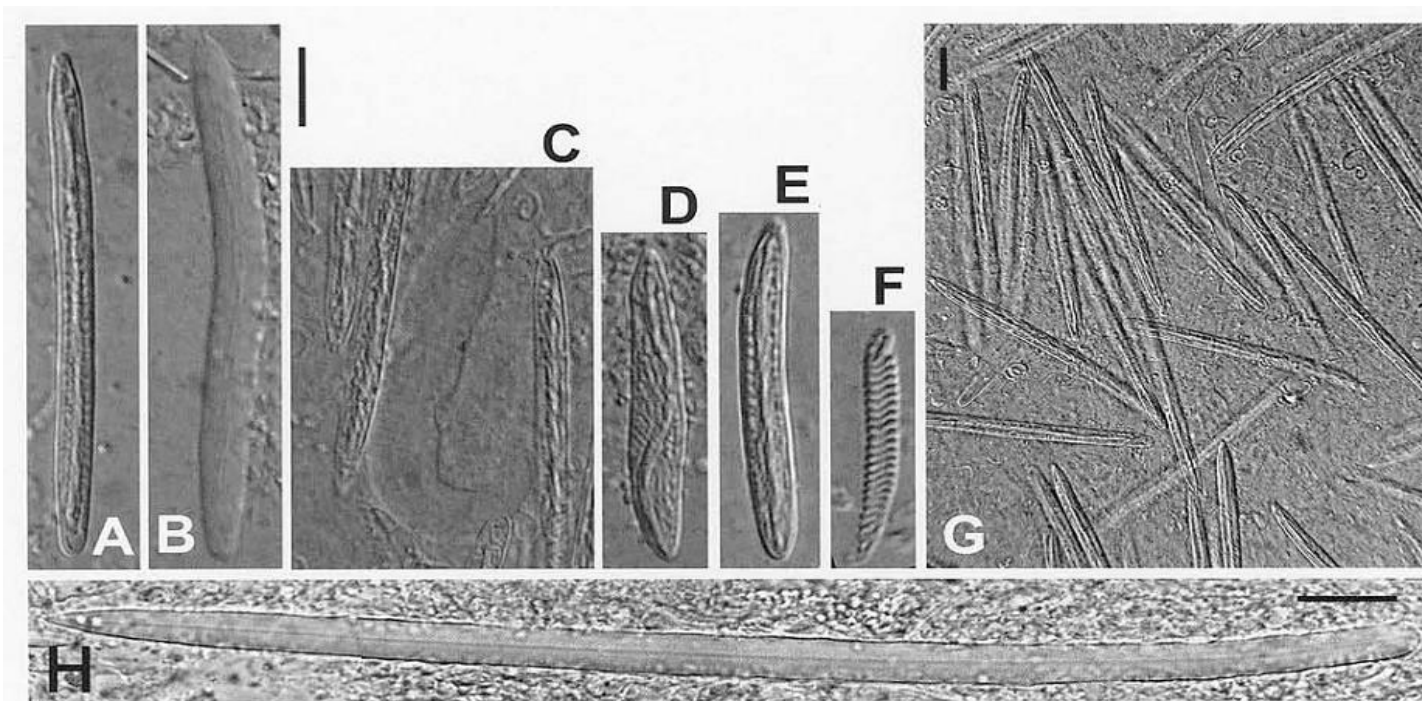


Fig. 4. Cnidae. Basitrichs of acrospheres (A, B), and middle column (C, D, E). Spirocyst (F). Image of a squash preparation from an acrosphere showing numerous basitrichs (G). Long basitrich (H) from filaments of *M. hemprichii* (TAUI 21560). Scale bars = 10 μm.

Source: Ardelean and Fautin (2004)