

Classification
 Order Actiniaria
 Family Actiniidae
 Genus Isoaulactinia
 Species ***Isoaulactinia hespervolita*** Daly, 2004

Reference: [Daly M. 2004. Anatomy and Taxonomy of Three Species of Sea Anemones \(Cnidaria: Anthozoa: Actiniidae\) from the Gulf of California, Including *Isoaulactinia hespervolita* Daly, n. sp.". Pacific Science 58\(3\): 377-390. doi:10.1353/psc.2004.0030.](https://doi.org/10.1353/psc.2004.0030)

Tissue	Cnidae type	Range Length x Width	n	N
Tentacles	small basitrich	13.7-24.2 x 1.8-3.6	6/6	97
	large basitrich	18.0-31.2 x 2.1-3.6	6/6	109
	spirocyst	9.9-23.8 x 1.5-2.8	6/6	112
Distal column	small basitrich	11.7-17.9 x 1.4-2.9	6/6	86
	microbasic p-mastigophore	23.0-30.0 x 4.4-6.9	6/6	69
Column	small basitrich	7.3-12.2 x 1.2-2.8	6/8	65
	large basitrich	13.5-22.6 x 1.7-3.0	8/8	185
	s-basitrich	18.3-48.9 x 1.2-3.0	7/8	52
	microbasic p-mastigophore	25.0-44.1 x 4.8-9.4	7/8	86
	macrobasic p-mastigophore	26.5-39.4 x 6.2-9.1	6/8	44
	spinose holotrich	20.1-45.0 x 9.9-17.5	7/8	55
Actinopharynx	small basitrich	10.9-22.2 x 1.8-3.4	4/5	65
	large basitrich	22.0-33.4 x 2.3-4.3	5/5	68
	microbasic p-mastigophore I	18.7-34.2 x 3.7-6.8	5/5	56
Filament	small basitrich	12.0-21.2 x 1.3-3.0	4/4	55
	large basitrich	24.4-29.4 x 3.2-5.3	3/4	13
	microbasic b-mastigophore	33.8-48.8 x 4.2-6.9	4/4	52
	microbasic p-mastigophore I	16.5-27.2 x 3.6-7.8	4/4	46
	microbasic p-mastigophore II	30.1-46.7 x 5.1-10.1	4/4	67

Tissue	Cnida
Tentacle	Spirocyst (E)
	Small basitrich (H)
	Large basitrich (G)
Acrorhagus	Small basitrich (H)
	Large basitrich (G)
	Thin holotrich (B)
	Wide holotrich (A)
Distal column	Small basitrich (H)
	Large basitrich (G)
Limbus	Small basitrich (H)
	Large basitrich (G)
Actinopharynx	Small holotrich (M)
	Small basitrich (H)
	Large basitrich (G)
	Microbasic
Filament	<i>p</i> -mastigophore I (L)
	Small basitrich (H)
	Large microbasic
	<i>b</i> -mastigophore (D)
	Microbasic
	<i>b</i> -mastigophore (K)
	Microbasic
<i>p</i> -mastigophore I (L)	
	S-shaped basitrich (C)



FIGURE 5. Cnidae of *Isoaulactinia bespervolita*, *Antopleura dowii*, and *Bunodosoma californica*. The species that is the source of each illustrated cnida is given after the name of each type; because the morphology of each type of cnida was similar for all three species, only a single example of each type is shown. Refer to Tables 1–3 for distribution and specific size information. Scale = 10 μ m. A. Wide holotrich, *A. dowii*. B. Thin holotrich, *A. dowii*. C. S-shaped basitrich, *A. dowii*. D. Large microbasic *b*-mastigophore, *Bunodosoma californica*. E. Spirocyst, *I. bespervolita*. F. Spinose holotrich, *I. bespervolita*. G. Large basitrich, *I. bespervolita*. H. Small basitrich, *Bunodosoma californica*. I. Macrobasic *p*-mastigophore, *I. bespervolita*. J. Microbasic *p*-mastigophore II, *I. bespervolita*. K. Microbasic *b*-mastigophore, *A. dowii*. L. Microbasic *p*-mastigophore I, *A. dowii*. M. Small holotrich, *A. dowii*.

Source: Daly (2004)