

Generic key for Flabelligeridae, de Saint-Joseph 1894

Prepared by Adam Webb, City of San Diego, 2025, version 1.0

- 1A.** Dorsal shield present **2**
- 1B.** Dorsal shield absent **3**

- 2A.** Neurochaetae simple, falcate *Daylithos*
- 2B.** Neurochaetae pseudo-compound in 4-6, simple falcate from 7 *Semiodera*

- 3A.** Chaetae simple, including anchylose, and simple curved **4**
- 3B.** Chaetae compound, pseudocompound, bifid, articulated, or otherwise not appearing simple **6**

- 4A.** Well-developed cephalic cage; neurochaetal hooks typically start in setiger 4-5, with anchylose bases, shorter than body width *Pherusa*
- 4B.** Cephalic cage reduced or absent **5**

- 5A.** Neurochaetae blunt, falcate spines *Brada*
- 5B.** Neurochaetae aristate spines *Bradabyssa*

- 6A.** Neurochaetae with modified tips, any articulation is superficial or as fused anchylose bases **7**
- 6B.** Neurochaetae with clear articulation **8**

- 7A.** Dorsal papillae completely covered by a fragile tunic; superficial articulation (no real articulation) visible in long thin tapering crest of neurochaetae *Annenkova*
- 7B.** Compound neurochaetae in mid body distally foliose, sometimes bifid *Lamisipina*
- 7C.** Compound neurochaetae with fused anchylose bases, and median/posterior spines typically bidentate or bifid tips, sometimes entire *Trophoniella*
- 7D.** Neurochaetae distal article modified as mucro tip, sometimes bifid *Pycnoderma*

- 8A.** Compound neurochaetae with single point of articulation (may appear ankle-like) **9**
- 8B.** Compound neurochaetae with clear multiple points of articulation **12**

- 9A.** Papillae or tubercles obscuring chaetae by forming a sheath, or completely covering chaetae **10**
- 9B.** Chaetae not covered by sheath, or not completely covered by papillae or tubercles **11**

- 10A.** Tunic typically forming long clavate tubercles, notopodial papillae fused to form 'notopodial lobes' which completely cover notochoetae *Flabelliderma*
- 10B.** Papillae long, covered by tunic, forming sheath around chaetae *Flabegraviera*

- 11A.** Compound neurochaetae pseudo-compound in setigers 4-7, then falcate from 8 *Therochaeta*
- 11B.** Tunic mucoid or transparent, mostly obscuring any papillae, anterior truncate *Flabelligera*
- 11C.** Body tapering towards both ends, papillae long, longer in parapodial lobes, covered by tunic *Flabehlersia*
- 11D.** Cephalic cage very short; dorsal papillae distinct, as individual or large sediment tubercles; commensal on urchins *Flabesymbios*

- 12A.** Neurochaetae multi-articulated; body clavate, subcylindrical, with a few anterior setigers often swollen and longer than others *Diplocirrus*

- 12B.** Neurochaetae multi-articulated in transition chaetae (4-7), then anchylose hooks or aristate, tapered capillaries *Paratherochaeta*
- 12C.** Neurochaetae multi-articulated, bifid tipped; covered by sandy tunic, first few setigers with long parapodial papillae, or formed into dorsal longitudinal rows *Piromis*