

Thoracostoma (Thoracostoma) setosum (LINSTOW 1896) (fig. 10a, b)

= *Leptosomatium* s. LINST.

Thoracostoma s. JÄGERSKIÖLD 1901; DE MAN 1904; STEINER 1922a; LINSTOW 1906.

juv.: L=15,0 a=51,1 b=6,8 c=101,2

STEINER's specimen:

♀♀: L=16,4 a=50,1 b=6,0 c=101,4 Vu.=61,6.

Length of DE MAN's specimens: 25—27 mm.

Sample: M 115:2.

Head: $55 \mu = 20\%$ of diameter at end of esophagus.

Labial papillae: setose. Cephalic setae: 14μ long.

Cervical setae: 14μ long, arranged in 6 longitudinal rows and in groups of different numbers.

Cephalic capsule: 52μ long, asymmetrical, the dorsal side stronger developed than the ventral one. Cephalic ring well developed. Lobes irregularly two- or tripartite, provided with 2—3 large locules of varying shape and size. The furrows and holes as in the former species. In front several cuticularized processes and rods.

Amphids: $10,5 \mu = 18\%$ of corresponding diameter in width.

Buccal cavity: Apparently with several teeth but it is sometimes not easy to judge whether the tooth-like prominences do belong to the buccal cavity or to the cephalic capsule.

Cuticle: in the esophageal region 9μ thick.

Ocelli: 157μ behind anterior end, $10,5 \mu$ wide and relatively smaller than in all other species of *Thoracostoma* s.str.

Tail: 1 anal diameter long.

Habitat: littoral algae. LINSTOW's, DE MAN's and STEINER's specimens of different provenance, mostly littoral algae, sand and even muddy sand.

Distribution: Only subantarctic: South-Georgia, Magalhaens-Street, Baie Lapataia, Canal du Beagle, southern Chile.

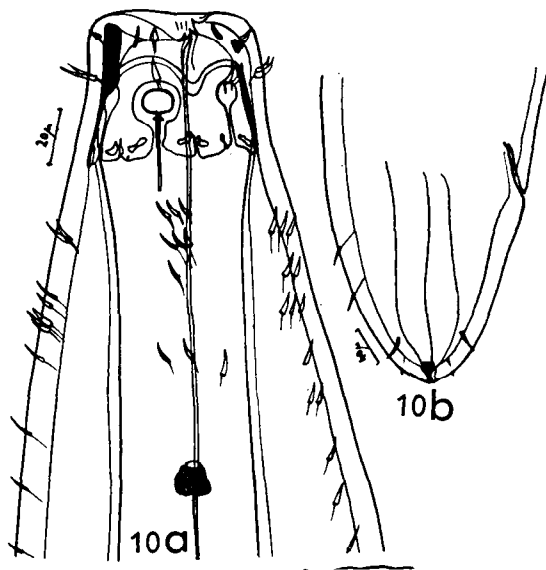


Fig. 10: *T. (Th.) setosum*: a — anterior end of juvenile, b — tail of juvenile.

M 115: 3.V.49. 53°11' S., 70°55' W. Southern Chile, the Magallanes area; estrecho de Magallanes, near the estuary of Rio los Ciervos, S of Punta Arenas. Tidal belt, exposed (shelter: kelp). Algae, gravel and clay, mixed with mud and covered with boulders. Hand sampling.

zone I: tufted, rigid alga, fairly much detritus and sand; 0—9 cm above low water level.

zone II: sand with much detritus, between boulders and algae; 9—21 cm above low water level.

zone IV: tall, shrub-like alga, little detritus; 37—56 cm above low water level.