

Eurystomina fenestella n.sp. (fig. 87a—d)

juv.:	♀♀:	♂♂:
L=1,10—3,12 (2,24)	4,98	3,00—3,76 (3,29)
a=50,0—56,3 (52,4)	62,4	62,0—73,6 (68,8)
b= 4,2— 5,2 (4,6)	6,0	5,7— 5,7 (5,2)
c=29,2—37,9 (33,0)	43,7	31,0—33,0 (31,7)
	Vu.=59,5	

Total of specimens: 10 juv., 3 ♀♀, 4 ♂♂.

Samples: M 127A, 131A.

V 103:3b, :8d, 104:4c, 127.

Head: diameter 18 μ in male, 22 μ in female = 30% of diameter at end of esophagus.

Labial papillae: small. Cephalic setae: 12 + 4 μ in female (the shortness of four of the submedian setae is a very characteristic feature!).

Buccal cavity: in male 17 \times 10 μ , in female 26 \times 15 μ . Dorsal tooth slender, 20 μ in length. The two chambers separated by 3 transverse rings all of which consist of small denticles in the males, whereas in the females the posteriormost ring could not be resolved into further elements. Ratio anterior: posterior chamber = about 1:1,5.

Amphids: 8 μ wide. Excretory pore: as usual.

Ocelli: fairly small, less than 2 head diameters from anterior end = 40 μ in female, 30 μ in male.

Spicula: 59 μ = 1,1 anal diameters long. Accessory piece: 26 μ long. For further dimensions see fig. 87d.

One not yet fully developed male (L=3,06 mm) was met with in which the two supplements lacked their lateral parts («wings»), a feature which already was described as typical in *E. ornatum* var. *indicum* by MICOLETZKY & KREIS 1930, and in *E. eurylaima* by DITLEVSEN 1930.

Tail: 2,5—2,8 anal diameters long.

Habitat: Littoral algae, exposed and sheltered.

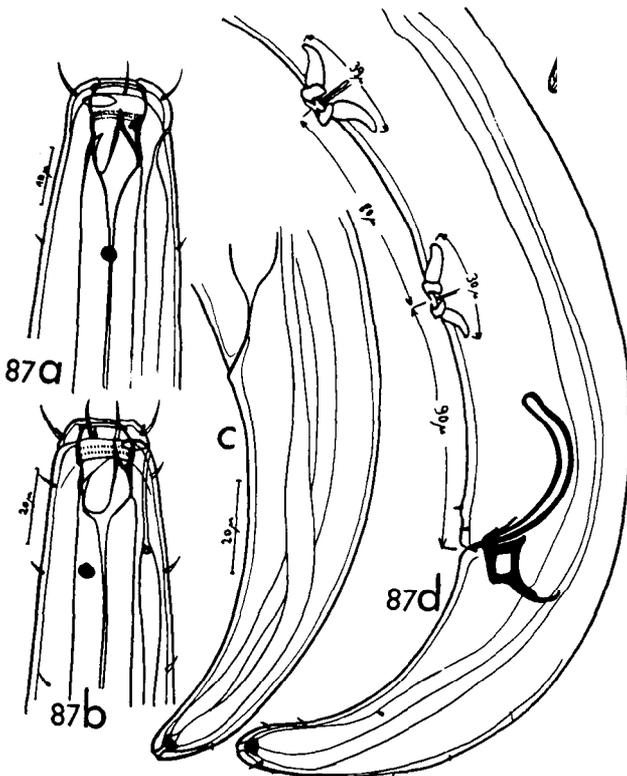


Fig. 87: *E. fenestella*: a — anterior end of male, b — anterior end of female, c — tail of female, d — tail of male.

M 127A: 24.VI.49. 29°55'56" S., 71°21'08" W. The Coquimbo area; Peninsula Coquimbo. headland S of Roca Pelicanos, N of Coquimbo. Tidal belt, very exposed. Yellow rocks. holdfasts of big brown alga. Hand sampling.

M 131A: 4.VII.49. 20°13'10" S., 70°10'19" W. The Iquique area; Iquique, southern part of the town. Tidal belt, extremely exposed. Red rocks, with rock pools. Hand sampling.

1: *Durvillia*-holdfasts.

2: tubes of polychaetes, sheltered, much sand.

M 123A: 15.IX.—17.X.48., 14.—16.XI.48. 32°57'24" S., 71°33'25" W. The Valparaiso—San Antonio area; Montemar, »Estacion de biologia marina». Tidal belt, rocks with rock pools; exposure varying in different parts of the station. Hand sampling. (The samples of this station are characterized by the letter V).

V 103:3b: *Durvillia*-holdfasts.

V 103:8d: Inner parts of *Durvillia*-holdfasts, much detritus.

V 103:4c: Inner parts of *Durvillia*-holdfasts.

V 127: *Corallinacea* and crustaceous algae, much detritus, not very exposed.