

HALALAIMUS (TYCNODORA) COMATUS Wieser.

(Fig. 16, a-c.)

*Halalaimus (Tycnodora) comatus* Wieser 1953, Southern Chile.

Heard Island : Station 19.

♀ (1x) : L = 2.24 mm. ;  $\alpha = 49$  ;  $\beta = 3.6$  ;  $\gamma = 8.4$  ; V = 55%.

♂ (1x) : L = 2.24 mm. ;  $\alpha = 61$  ;  $\beta = 3.6$  ;  $\gamma = 6.5$ .

Macquarie Island : Coll. G, N.

♀ (1x) : L = 2.3 mm. ;  $\alpha = 51$  ;  $\beta = 3.8$  ;  $\gamma = 7.6$  ; V = 48%.

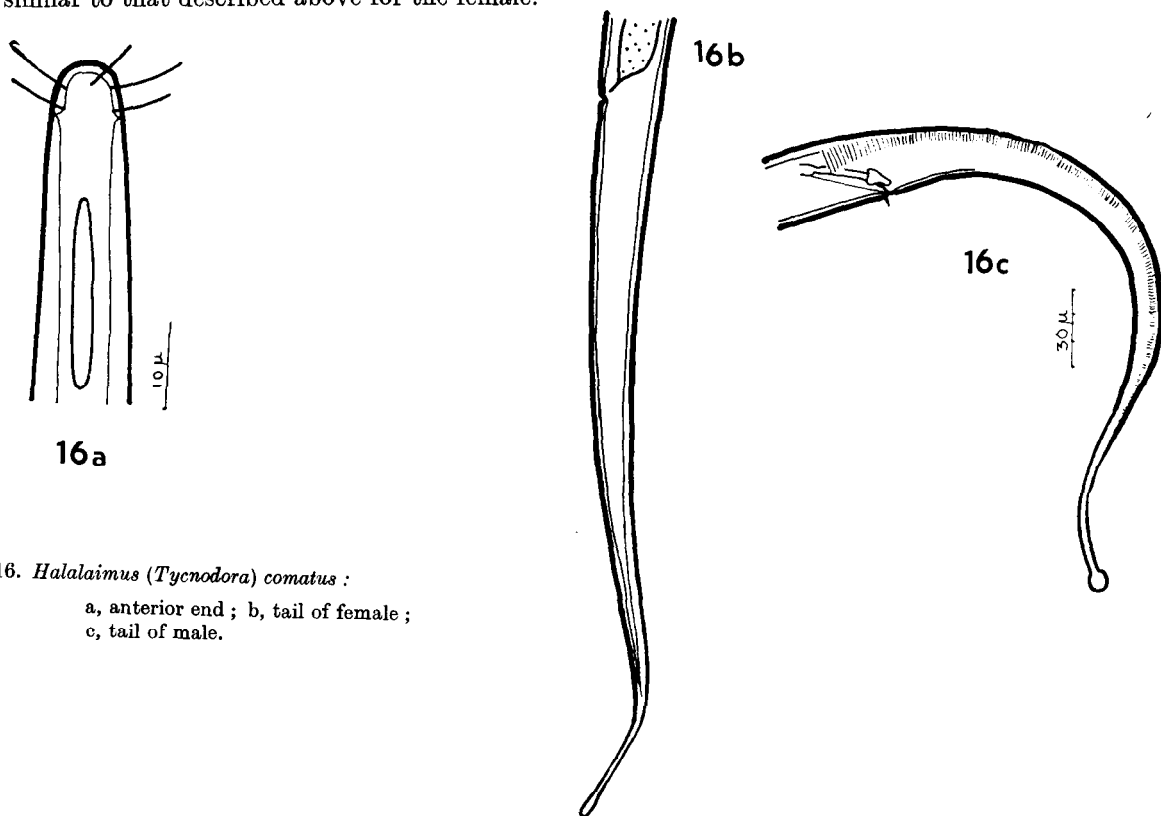
♂ (1x) : L = 2.1 mm. ;  $\alpha = 52$  ;  $\beta = 3.6$  ;  $\gamma = 8.1$ .

The cuticle is very thick, in the region of the amphid occupying more than half of the body width. It is very finely ringed in the male, more coarsely in the female. On each side of the tail of the male the cuticle is raised into a dorso-lateral line of coarse striae, each line almost like a series of wide scales arranged one behind the other, those nearer the tip being narrower, and the whole series extending from just in front of the anus as far as the slenderest part of the tail. A similar appearance was described by de Mann for *H. gracilis*, (1888, 3).

A slight constriction encircles the anterior end just behind the nuchal setae. The cephalic setae are about equal in length to the head breadth and the nuchal setae which arise close to them. The amphid width in the Macquarie Island specimens is about a fifth of that of the body at the same level, and rather narrower in those from Heard Island.

The tail length in the female is 10.6-12.0 and in the male 10-15 anal breadths. The tail of the female ends in a swollen tip, but that of the male ends in a distinct spherical swelling, resembling that figured by Allgen for *H. similis*. The spicule is stout and cephalated, 33-35 $\mu$  long, or 1.5-1.6 anal breadths. The gubernaculum is 14 $\mu$  long. There is a single median bristle on the anterior lip of the anus.

The amphid width in these specimens is greater than in the type of the species. Wieser describes the tail of his specimens as ending in a knob-like swelling, but his figure shows a condition similar to that described above for the female.



16. *Halalaimus (Tycnodora) comatus* :

a, anterior end ; b, tail of female ;  
c, tail of male.

## HEARD ISLAND.

STATION 19 : 53° 05' 30" S., 73° 24' E., Shore collection along beach of Atlas Cove. Nematodes from algae washed up on shore.

### A.A.E. COLLECTIONS.

The following collections were made at Macquarie Island by the A.A. Expedition during 1912-1913. The reference letters under which they are listed here follow in alphabetical sequence with those given to A.A.E. Antarctic collections recorded in Section 2 of this Report :—

G. Littoral.

H. Among seaweeds, probably at the north end of the Island.

I. Shore collection.

J. Low tide.

K. Below low tide.

L. Rock scrapings from below low tide, mostly sponges.

M. West coast, among green algae and oligochaetes.

N. North end of island, scrapings from rocks below low tide level.

O. Towntnet off North-East Bay, 19.6.12, " mainly Copepods, some Radiolaria ".