

## ONCHOLAIMUS LEPTOS n.sp.

(Fig. 29, a-c.)

Kerguelen Island : Stations 48, 54 ; Coll. 771.

♀ (1x) : L = 6.5 mm. ;  $\alpha = 130$  ;  $\beta = 10.8$  ;  $\gamma = 108$  ; V = 61%.♂ (4x) : L = 4.5-6.2 mm. ;  $\alpha = 103-163$  ;  $\beta = 10.0$  to 11.3 ;  $\gamma = 77-108$ .

Heard Island : Station 19.

♀ (1x) : L = 6 mm. ;  $\alpha = 133$  ;  $\beta = 10.9$  ;  $\gamma = 100$  ; V = 60%.

Macquarie Island : Station 81B.

♀ (1x) : L = 6.3 mm. ;  $\alpha = 105$  ;  $\beta = 12.5$  ;  $\gamma = 84$  ; V = 60%.

This new species is very close to *O. brachycercus* de Man 1889. The tail is, however, rather longer and in the female of rather different shape, than in de Man's species. The female specimens also (except for length) resemble those of *O. viridis* Bastian 1865 but the male is not at all like that attributed (on very insufficient grounds) by Kries (1932, 55) to the species.

The body is almost the same width throughout. The cepalic setae are about a fifth, and the amphid opening about a quarter, of the corresponding head breadth. The lips are distinct. The buccal capsule, is  $40\mu$  long,  $25\mu$  wide. The longer subventral tooth is only slightly longer than the other two teeth ; all reach more than half the length of the buccal cavity. The excretory pore is 2.3-3.3 stomatal lengths from the anterior end.

The caudal glands are preanal. The tail is twice the anal breadth (2.6 times in Macquarie Island specimen). No external opening was found for the demanian system. There is one very long slender shelled egg in the uterus of each of two specimens and these are  $190\mu$  by  $50\mu$  (Kerguelen) and  $226\mu$  by  $48\mu$  (Macquarie).

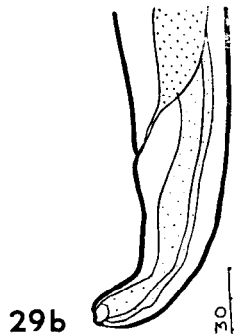
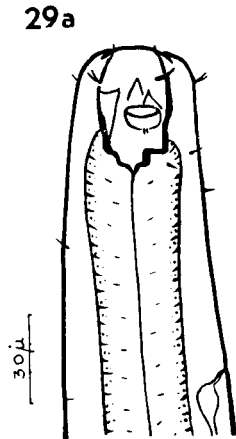
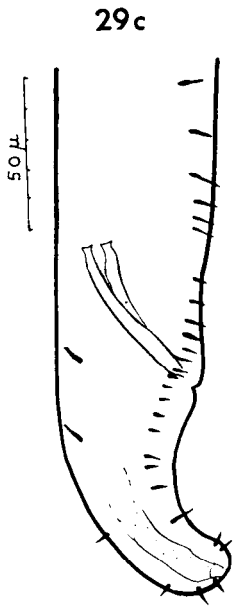
The male tail is 1.3-1.8 times the anal breadth. A submedian row of fairly long setae extends on each side from well in front of the proximal end of the spicule to near the end of the tail and on the ventral aspect the tail bears two smaller paired setae ; other paired setae lie on the subdorsal part of the tail. The spicule length is  $38-60\mu$ , 1.1-1.3 times the anal breadth ; the proximal end of each is slightly cephalated, the distal part widened, and the tip pointed. No gubernaculum was seen.

STATION 48 : Swain's Bay, near Swain's Haulover. Shore collecting.

STATION 54 : head of Greenland Harbour ; intertidal collections. A rich fauna.

Collections 771, 772 : 15.2.30 ; Jeanne d'Arc. From sponge washed up on beach.

STATION 19 :  $53^{\circ} 05' 30''$  S.,  $73^{\circ} 24'$  E., Shore collection along beach of Atlas Cove. Nematodes from algae washed up on shore.Station 81B :  $54^{\circ} 29'$  S.,  $158^{\circ} 58'$  E. ; ashore at Buckles Bay. "Great masses" of *Durvillea* growing here.



29. *O. leptos* : a, head of male ; b, tail of female ; c, tail of male.