

METONCHOLAIMOIDES SQUALUS Wieser.

(Fig. 34, a-d.)

Metoncholaimoides squalus Wieser 1953, Southern Chile.

Kerguelen Island : Stations 9, 48, 56A ; Coll. 790.

♀ (2x) : L = 4.3, 5.0 mm. ; $a = 48, 41$; $\beta = 6.1, 8.3$; $\gamma = 48, 55$; V = 55, 54%.

♂ (2x) : L = 3.6, 3.8 mm. ; $a = 33, 54$; $\beta = 5.5, 6.3$; $\gamma = 40, 42$.

j (1x) : L = 2.9 mm. ; $a = 29$; $\beta = 5.8$; $\gamma = 32$.

Macquarie Island : Station 81B.

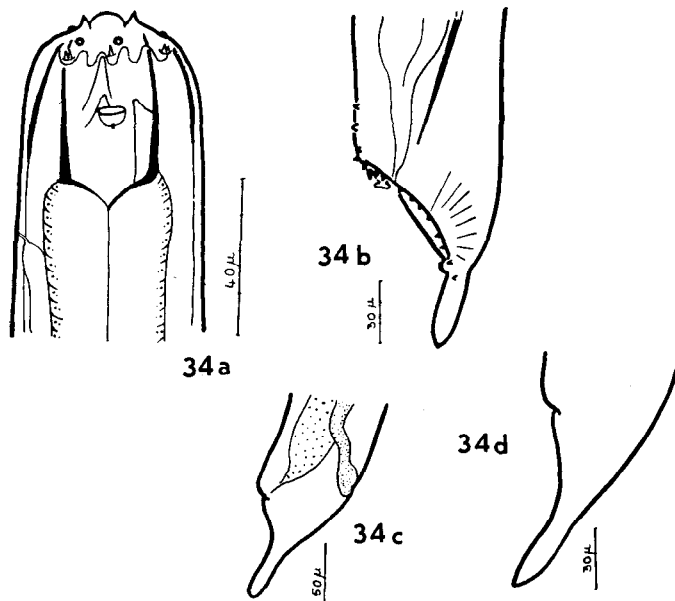
♀ (2x) : L = 4.5 mm. ; $a = 41, 37$; $\beta = 6.9, 7.0$; $\gamma = 45, 50$; V = 55%.

These specimens are very similar to those described by Wieser from Chile, except for two points. The amphid though difficult to see, appears to be at about midlength of the buccal capsule, not at two-thirds of its length from the anterior end. The excretory pore in all the present specimens is close to the level of the base of the buccal capsule.

The spicules are $730-750\mu$ long, 7.8-8.3 times the tail length. The tail length is 1.8-2.2 times the anal breadth, a little longer than that of the type.

The greatest number of eggs present in one female is thirteen, and these measure about $100-120\mu$ by $70-80\mu$. The demanian pore in the four adults present is just in front of the anus. The two juveniles assigned to the species have a tail shape very like that of the adult females, and resembling the second juvenile figured by Wieser (p. 125, fig. 74e) ; the tail of his first juvenile (fig. 74d) is like that of juvenile *Adoncholaimus crassicaudus* Wieser, described above. The anterior ends of these two species are very similar, the difference between the females lying in the tail shape and in the position of the demanian pores.

Station 81B : $54^{\circ} 29' S.$, $158^{\circ} 58' E.$; ashore at Buckles Bay. "Great masses" of *Durvillea* growing here.



34. *Metoncholaimoides squalus* : a, head of male ; b, tail of male ; c, tail of adult female ; d, tail of young female.

STATION 9 : Shore collecting stations on islands in Bras Bossière. Nematodes from intertidal mussel bank.

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

STATION 56A : Rivett Arm, intertidal collection. Very rich fauna in this area, extending down steeply shelving shore line.

Collections 789, 790, 792 : 16.2.30 ; Jeanne d'Arc, intertidal.