

Fig. 167 a—d

Localities and material. — Falkland Islands, St. 41: 6♂♂, 3♀♀; St. 42: 4♂♂, 3♀♀; St. 46: 1♂, 3♀♀; South Georgia, St. 22e: 1♂; St. 28: 1♂; Graham Land, St. 6: 1♀

Dimensions: ♂ L = 1,969 mm.,  $a = 26,61$ ,  $\beta = 8,04$ ,  $\gamma = 10,94$ ,

♀ L = 2,750 mm.,  $a = 27,78$ ,  $\beta = 8,46$ ,  $\gamma = 12,22$ , V = 51,82 %

This species, in its general shape very similar to *A. spinosus*, also present from the same localities, differs in its posteriorly distinctly more thinned tail, in its thinner spicules and in their *short, clumsy accessory piece*.

Body tapering towards both extremities, stronger, however, in front than behind. Cuticle finely annulated. Submedian cephalic bristles very slender, more elongated than in *A. spinosus*, as long as the corresponding head diameter. Buccal cavity typical, deep, funnel-shaped. Lateral organs shaped as in *A. spinosus*, but stronger, much larger, in length 29,5  $\mu$  and in breadth 6,6  $\mu$ .

Ventral gland pyriform, shortly behind the oesophagus, provided with a central nucleus and a large supplementary gland.

Tail especially different from *A. spinosus*, conical in its 2 anterior thirds, measuring 5/7 of the total length, in its last third uniformly very thinned, at the ventral side with submedian hairs; its conical part 131  $\mu$ , its thinner part 50  $\mu$  in length, the latter in thickness 4,9  $\mu$ , i. e. 1/10 of its anal diameter.

Spicules short and clumsy, at their proximal end rounded, strongly curved, their accessory pieces *clumsy, short, directed dorsally and posteriorly*.

In a female from St. 46 were found 5 eggs in front of the vulva and 4 oval rectangular eggs behind it.

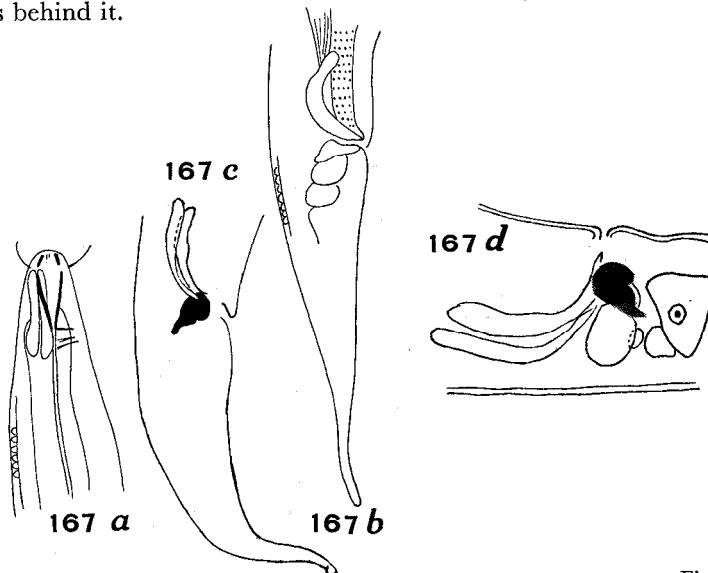


Fig. 167. *Axonolaimus tenuicaudatus*

n. sp. a. Anterior end,  $\times 450$ , b. Tail and spicules,  $\times 200$ , c. Tail and spicules,  $\times 270$ , d. Spicular apparatus,  $\times 364$

## List of Localities

- St. 1. Off the Coast of Uruguay. Black-grey clay.  $33^{\circ} 0' S$ . —  $51^{\circ} 10' W$ . 80 m. 12. 12. 1901.  
Number of species found: 8; Number of specimens found: 21.
- St. 2. Off the Coast of North Argentina.  $37^{\circ} 15' S$ . —  $56^{\circ} 8' W$ . Sand-mixed gravel. 100 m. 23. 12. 1901.  
Number of species found: 12; Number of specimens found: 26.
- St. 3. Fuegian Archipelago.  $54^{\circ} 43' S$ . —  $64^{\circ} 8' W$ . Rubble stones and gravel. 36 m. 6. 1. 1902.  
Number of species found: 20; Number of specimens found: 37.
- St. 5. Graham Region. S. East of the Seymour Sound.  $64^{\circ} 20' S$ . —  $56^{\circ} 38' W$ . Sand and gravel. 150—  
200 m. 16. 1. 1902.  
Number of species found: 1; Number of specimens found: 10.
- St. 6. Graham Region.  $64^{\circ} 36' S$ . —  $57^{\circ} 42' W$ . Stones and gravel. Mud-sample. 125 m. 20. 1. 1902.  
Number of species found: 29; Number of specimens found: 40.
- St. 7. Graham Region.  $65^{\circ} 56' S$ . —  $54^{\circ} 35' W$ . Stone-mixed mud. 920 m. 22. 1. 1902.  
Number of species found: 3; Number of specimens: 7.
- St. 8. Graham Region. Position of the station as well as depth uncertain.  $64^{\circ} 5' S$ . —  $56^{\circ} 37' W$ . Loose  
clay. 360 m. 11. 2. 1902.  
Number of species: 9; Number of specimens: 33.
- St. 11. Graham Region.  $65^{\circ} 19' S$ . —  $56^{\circ} 48' W$ . Gravel-mixed clay. 400 m. 18. 2. 1902.  
Number of species: 31; Number of specimens: 68.
- St. 15. Falkland Islands. Port William.  $51^{\circ} 40' S$ . —  $57^{\circ} 49' W$ . Macrocystis-Formation. 10 m. 31. 3. 1902.  
Number of species found: 44; Number of specimens: 150.
- St. 18. South Georgia. Mouth of the Westford, Cumberland Bay.  $54^{\circ} 15' S$ . —  $36^{\circ} 25' W$ . Loose clay. 250  
m. Bottom temp. + 1,2 C. 22. 4. 1902.  
Number of species: 13; Number of specimens found: 125.
- St. 21. South Georgia. Mouth of the Possession-Bay.  $54^{\circ} 8' S$ . —  $37^{\circ} 3' W$ . Clay. 200 m. 9. 5. 1902. Bottom  
temp. + 1,5 C.  
Number of species found: 15; Number of specimens found: 79.
- St. 22. South Georgia. Off the May-Bay.  $54^{\circ} 17' S$ . —  $36^{\circ} 28' W$ . Clay with some algae. 75 m. Bottom temp.  
+ 1,5 C. 14. 5. 1902.  
Number of species found: 26; Number of specimens found: 85.

- St. 22a. South Georgia. Cumberland, May-Bay. Catching over stony bottom among algae in and under the tide zone. 5. 5. 1902.  
Number of species found: 11; Number of specimens found 63.
- St. 22b. South Georgia. Grytviken. 22. 5. 1902 and 20 m. depth. 11. 6. 1902.  
Number of species found: 16; Number of specimens found: 77.
- St. 22c. South Georgia. Grytviken, from old kelp-rhizoids. 23. 5. 1902.  
Number of species found: 45; Number of specimens found: 350.
- St. 22d. South Georgia. Grytviken. Sample of fine washings from old kelp. 22. 5. 1902.  
Number of species found: 22; Number of specimens found: 200.
- St. 23. South Georgia. Off the mouth of the Moraine-Bay. 54° 23' S. — 36° 26' W. Grey clay with gravel and stones. 64—74 m. Bottom temp. + 1,65 C. 16. 5. 1902.  
Number of species found: 32; Number of specimens found: 147.
- St. 23a. South Georgia. Moraine-Fiord. 148 m. Bottom temp. — 0,35 C. 15. 2. 1902.  
Number of species found: 14; Number of specimens found: 51.
- St. 23b. South Georgia. Moraine-Fiord. 14 m.  
Number of species found: 12; Number of specimens found: 49.
- St. 24. South Georgia. Off the "Kochtopf"-Bay. 54° 22' S. — 36° 37' W. Grey clay. 95 m. 20. 5. 1902.  
Number of species found: 23; Number of specimens found: 120.
- St. 25. South Georgia. Off the "Kochtopf"-Bay 54° 22' S. — 36° 27' W. Grey clay with some algae. 24—52 m. 21. 5. 1902.  
Number of species found: 29; Number of specimens found: 83.
- St. 26. South Georgia. Off the "Kochtopf"-Bay. 54° 22' S. — 36° 27' W. Stony bottom with algae off the Macrocystis-Formation. 30 m. 24. 5. 1902.  
Number of species found: 11; Number of specimens found: 29.
- St. 28. South Georgia. Mouth of the "Kochtopf"-Bay. 54° 22' S. — 36° 28' W. Sand and algae. 12—15 m. 24. 5. 1902.  
Number of species found: 58; Number of specimens found: 338.
- St. 30. South Georgia. The Moraine-Fiord. 54° 24' S. — 36° 26' W. Clay with sparse stones. 125 m. Bottom temp. — 0,25 C. 26. 5. 1902.  
Number of species found: 23; Number of specimens found: 247.
- St. 33. South Georgia, in the "Kochtopf"-Bay. 54° 22' S. — 36° 28' W. Clay and algae. 22 m. 30. 5. 1902.  
Number of species found: 23; Number of specimens found: 106.
- St. 34. South Georgia. Off the mouth of the Cumberland-Bay. 54° 11' S. — 36° 18' W. Grey clay with a few stones. 250—310 m. Bottom temp. + 1,45 C. 5. 6. 1902.  
Number of species found: 38; Number of specimens found: 224.
- St. 39. Falkland Islands. Port William. 51° 40' S. — 57° 41' W. Sand and small stones with algae. 40 m. 4. 7. 1902.  
Number of species found: 11; Number of specimens found: 12.
- St. 40. Falkland Islands. Berkeley Sound. 51° 33' S. — 58° 0' W. Gravel and shells with algae. 16 m. Bottom temp. — 2,75 C. 19. 7. 1902.  
Number of species found: 54; Number of specimens found: 291.
- St. 41. Falkland Islands. Port Louis, shallow water. 51° 33' S. — 58° 9' W.  
Number of species found: 51; Number of specimens found: 310.
- St. 42. Falkland Islands. Port Louis. 51° 33' S. — 58° 9' W. Ooze and shells. 8 m. 26. 7. 1902.  
Number of species found: 55; Number of specimens found: 372.
- St. 42a. Falkland Islands. Port Louis: Greenpatch. Material shaken up from algae and kelp-rhizoids, cast up on shore by storm. 30. 7. 1902.  
Number of species found: 54; Number of specimens found: 150.
- St. 46. Falkland Islands. Port Louis. Carenage Creek. 51° 32' S. — 58° 7' W. Sandy bottom with quantities of *Codium*. 1 m. 9. 8. 1902.  
Number of species found: 28; Number of specimens found: 103.
- St. 47. Falkland Islands. Port Louis. Mouth of the Carenage Creek. 51° 32' S. — 58° 7' W. Shells and stones. 3—4 m. 9. 8. 1902.  
Number of species found: 63; Number of specimens found 247.

- St. 49. Falkland Islands. Berkeley Sound. 51° 35' S. — 57° 56' W. Shells and stones. 25—30 m. 10. 8. 1902.  
Number of species found: 27; Number of specimens found: 58.
- St. 51. Falkland Islands. Port William. 51° 40' S. — 57° 42' W. Sand. 22 m. 3. 9. 1902.  
Number of species: 45; Number of specimens found: 245.
- St. 53. Falkland Islands. Port William. 51° 40' S. — 57° 47' W. Sand and gravel. 12 m. 3. 9. 1902.  
Number of species found: 65; Number of specimens found: 372.
- St. 54. Falkland Islands. Stanley Harbour. 51° 42' S. — 57° 50' W. Ooze with shells. 10 m. 3. 9. 1902.  
Number of species found: 2; Number of specimens found: 7.
- St. 55. Falkland Islands. Port Albemarle. 52° 11' S. — 60° 26' W. Sandy bottom with algae. 40 m. 8. 9. 1902.  
Number of species found: 33; Number of specimens found: 113.
- St. 56. Falkland Islands. Port Albemarle. Albemarle Harbour. 52° 9' S. — 60° 33' W. Sandy bottom with algae. 15 m. 8. 9. 1902.  
Number of species found: 15; Number of specimens found: 40.
- St. 57. Falkland Islands. Port Albemarle. Albemarle Harbour. 52° 8' S. — 60° 33' W. Sand. 18—30 m. 11. 9. 1902.  
Number of species found: 21; Number of specimens found: 40.
- St. 58. Falkland Islands. S. W. West Falkland. 52° 29' S. — 60° 36' W. Sand and gravel. 197 m. 11. 9. 1902.  
Number of species found: 23; Number of specimens found: 93.
- St. 59. Falkland Islands. S. W. West Falkland. On the Burdwood-Bank. 53° 45' S. — 61° 10' W.  
Crushed shells with stones 137—150 m. 12. 9. 1902.  
Number of species found: 20; Number of specimens found: 70.
- St. 62. Fuegian Archipelago. Beagle-Channel. 54° 53' S. — 67° 56' W. Sand-mixed clay. 140 m. 16. 9. 1902.  
Number of species found: 12; Number of specimens found: 63.
- St. 64. Fuegian Archipelago. North side of the Beagle Channel between Ushuaia and Lapataia. 54° 52' S. — 68° 25' W. Shells and algae. 35 m. 13. 10. 1902.  
Number of species found: 33; Number of specimens found: 192.
- St. 67. Fuegian Archipelago. Ushuaia. 54° 49' S. — 68° 18' W. Ooze. 6 m. 16. 10. 1902.  
Number of species found: 9; Number of specimens found: 42.