

5. — *Anticoma acuminata* (EBERTH, 1863).

(Fig. 5, A-C.)

1 juv. from Villefranche, off « Vieux Villefranche », black mud and organic detritus.  
Depth 20 m.

5 ♂♂, 6 ♀♀, 2 juv. from « Baie de Lilong », near Villefranche. Depth 5 m.

2 ♀♀, 4 juv. from Villefranche, off the « Plage des Marinières », coarse sand under vegetation of *Posidonia*. Depth 3 m.

Above I have asked attention for the fact, that according to me *A. acuminata* and *A. pellucida* are distinct species (confer p. 29).

Female and male presented the following dimensions :

♂ : 1,56 mm;     $\alpha = 32,5$ ;     $\beta = 3,23$ ;     $\gamma = 7,1$ .

FILIPJEV'S formula :

0	52	232	484	M	1344	
8		28	44	48	28	1564 $\mu$ .

♀ : 2,1 mm;     $\alpha = 34,3$ ;     $\beta = 4,1$ ;     $\gamma = 7,3$ ;    V. = 53,3 %.

FILIPJEV'S formula :

0	240	500	1100	1780	2060 $\mu$ .
8	32	52	60	28	

Dimensions of EBERTH'S :

♂ : 2 mm;     $\alpha = 26$ ;     $\beta = 3$ .

♀ : 2,5 mm;     $\alpha = 25$ .

After the indications given by EBERTH it is not certain that in both male and female the oesophagus measured  $1/3$  of the total length of the body. There exists however a striking identity in the relative oesophageal length between my male and that of EBERTH, which brings I think the justification of EBERTH'S observations and measurements and is in contradiction with the postulation of COBB (1891) where this author says : « seemingly by a misprint the neck was stated to be one-third as long as the body ».

A further difference between *A. acuminata* and *A. pellucida* is the situation of the excretory pore. The excretory pore is found at a level with the cervical hairs and far behind the amphids separated by a distance, slightly less than  $1/4$  of the whole oesophageal length from the anterior end of the body. The opening of the amphids is situated at  $1/4$  from the distance between the anterior border of the head and the foremost of the row of 4 cervical setae. Width of amphidial opening 28 % of the corresponding body diameter, and as far from the anterior head border. Foreborder of the head bluntly rounded. Buccal cavity narrow. 10 cephalic setae. The submedian setae are paired and unequal in size; the longer setae equal 71 % the corresponding body diameter. Nerving at 48 % of the oesophageal length.

Spicula curved, with fine velum and short manubrium. Spicular chord almost as long as the anal diameter. Gubernaculum short, of fine texture. Praeanal tube, 2 anal diameters in front of the cloaca.

Male tail gradually tapering to a rather long and filiform flagellum, the latter slightly swollen at its tip. The tail bears some minute setae in scattered position. Length of male tail nearly equal to 8 anal diameters. The female tail is 10 anal diameters long.

GEOGRAPHICAL DISTRIBUTION : Nice, Banyuls, Cette, Naples, Adria, Baleares, Mallorca, Ibiza.

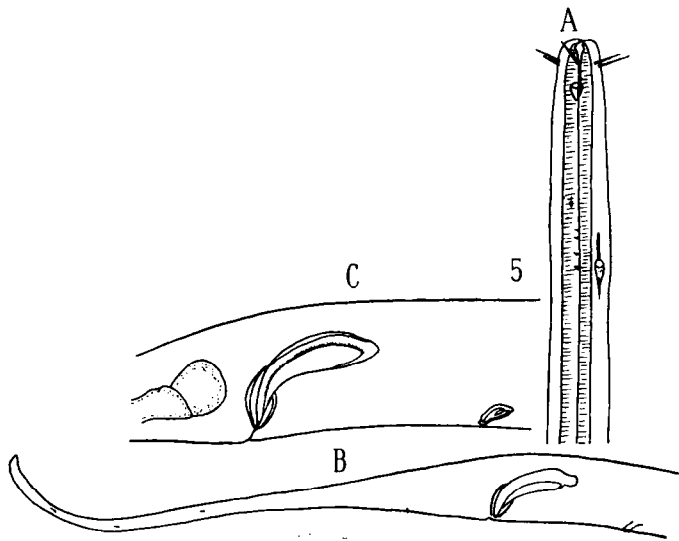


FIG. 5. — *Anticoma acuminatum* (EBERTH).  
A : Male head. B : Male tail.  
C : Male genital armature.