

## Family IX. L O L I G I N E I, Steenstrup.

*Sepioteuthis*, Blainville.*Sepioteuthis lessoniana*, Férussac.

1825. *Sepioteuthis lessoniana*, d'Orb., Tabl. méth., p. 155 (*nomen tantum*).  
 1830. " " Lesson, Voy., "Coquille," Moll., p. 241, pl. xi.  
 1839. " " d'Orb., Céph. acét., p. 301, Sépioteuthes, pls. i. vi. figs. 9-14.  
 1849. " " Gray, Brit. Mus. Cat., p. 80.  
 1886. " " Appellöf, Japanska Ceph., p. 31.

*Habitat*.—From the surface of the harbour, Kandavu, Fiji, August 1874. One specimen, ♂.

Ternate, October 15 to 17, 1874. One specimen, ♂. (Presented by the Resident.)

New Guinea, Java, Cape Fabre, Trincomalee (d'Orbigny); New Zealand (Gray); Japan (Appellöf).

Both the Challenger specimens agree so well with d'Orbigny's description that I have no hesitation in referring them to this species. The individual from Ternate being the largest that has come under my notice, I append its dimensions.

*Dimensions.*

Length, total, . . . . .	570 mm.	
End of body to mantle-margin, . . . . .	195 "	
End of body to eye, . . . . .	215 "	
Breadth of body, . . . . .	85 "	
Breadth of head, . . . . .	50 "	
Eye to edge of umbrella, . . . . .	33 "	
Breadth of fin, . . . . .	45 "	
Length of hectocotylus, . . . . .	27 "	
Diameter of largest sucker on sessile arm, . . . . .	4.5 "	
Diameter of largest sucker on tentacle, . . . . .	5.5 "	
	Right.	Left.
Length of first arm, . . . . .	70 mm.	66 mm.
Length of second arm, . . . . .	85 "	80 "
Length of third arm, . . . . .	90 "	98 "
Length of fourth arm, . . . . .	95 "	100 "
Length of tentacle, . . . . .	320 "	335 "

The hectocotylisation is of the type common in this genus and *Loligo*; it occupies the distal fourth of the arm; the suckers diminish in size and their peduncles become large swollen cones, and eventually these entirely replace the suckers.