

species, while the other, also known as an inhabitant of Europe, is from Kerguelen Island, a locality which, of all others, has shown in its entomostracan fauna a close resemblance to that of Europe.

1. *Paradoxostoma ensiforme*, G. S. Brady (Pl. XXXV. fig. 3, *a-d*).

Paradoxostoma ensiforme, Brady, Monog. Recent Brit. Ostrac., p. 460, pl. xxxv. figs. 8-11;
Paradoxostoma ensiforme, Brady, Crosskey, and Robertson, Monog. Post-Tertiary Entom., p. 215, pl. x. figs. 27, 28.

Carapace, as seen from the side,¹ pear-shaped, much lower in front than behind; greatest height somewhat less than half the length, and situated behind the middle; anterior extremity attenuated and sharply rounded off, posterior more broadly rounded and almost angulated in the middle; dorsal margin forming a flattened arch, suddenly sloping and slightly sinuated towards the front, ventral margin nearly straight; seen from above, regularly ovate, widest in the middle, extremities equal and acuminate, thrice as long as broad; end view ovate, broadly rounded above, pointed below. Surface of the shell quite smooth. Length, 1-33d of an inch (.77 mm.).

Found only in mud brought up by the anchor in Vigo Bay from a depth of 11 fathoms.

[Pl. XXXV. fig. 3, *a-d*. *a* Carapace seen from right side, *b* from above, *c* from below, *d* from behind. Magnified 50 diameters.]

2. *Paradoxostoma abbreviatum*, G. O. Sars (Pl. XXXV. fig. 1, *a-d*).

Paradoxostoma abbreviatum, G. O. Sars, Oversigt af Norges marine Ostracoder, p. 94.
Paradoxostoma abbreviatum, Brady, Monog. Recent Brit. Ostrac., p. 458, pl. xxxv. figs. 22-25.
Paradoxostoma abbreviatum, Brady, Crosskey, and Robertson, Monog. Post-Tertiary Entomostr., p. 214.

Carapace, as seen from the side, broadly pear-shaped, highest near the hinder end, height equal to more than half the length; extremities rounded, anterior narrow and depressed, posterior very broad; dorsal margin boldly arched, ventral sinuated in the middle; seen from above, ovate, pointed in front, rounded off behind, greatest width in the middle and equal to one-third of the length; end view ovate, broad above, attenuated below; surface of the shell quite smooth. Length, 1-45th of an inch (.53 mm.).

One or two examples only found in a dredging from Balfour Bay, Kerguelen Island, 20 to 50 fathoms. Though agreeing in general features with *Paradoxostoma abbreviatum*, Sars, these specimens differ in having a more highly arched dorsum and a straighter ventral margin. Still, as no very decided characters appear, and as no sufficient series of specimens of the Balfour Bay form is at hand for comparison, it seems best to identify them, for the present at least, with the European species.

¹ The figures (Pl. XXXV. figs. 1 and 3, *a, b, c*) are by an oversight placed upside down, the anterior extremity being turned downwards instead of upwards.