

This species is rather more ventricose than *Dosinia scalaris* of Menke, in this respect agreeing better with *Dosinia juvenis*, Chemnitz. The concentric ridges are thickened, with acute edges, upon the central portion of the valves, and separated by deeper sulci than in the two above mentioned species. At the sides, as in this form, they are lamellar and more erect. The broad streak in the interior of the valves, radiating from behind the umbones, is not purple, but dark olive-brown, and is not present in all examples. In some specimens of *Dosinia juvenis* a similar style of painting is met with.

With regard to form, this species approaches nearer to *Dosinia scalaris* than *Dosinia juvenis*, which is higher in proportion to the length, and does not, so far as I am aware, attain such large dimensions as *Dosinia deshayesii*, which are as follows:—length 50 mm., height 45, diameter 26. The area is deeper than in *Dosinia scalaris*, and defined by angular edges, particularly noticeable in the left valve, resembling *Dosinia juvenis*. On the contrary, the pallial line is nearer the margin in this species and *Dosinia scalaris* than in *Dosinia juvenis*.

Adams describes the colour as “rufescente, albo variegata.” This description does not give a sufficient idea of the painting of this shell, which may be said to be reddish-brown varied with four more or less distinct white rays, one down the posterior dorsal slope, one bordering the lunular margin, and the two others upon the centre of the valves. These rays in some specimens are almost obliterated or confused with the ground colour of the shell, and at the two ends of the valves there are frequently more or less angular markings and oblique lines upon the pale rays. The lunule is particularly wide, certainly wider than in *Dosinia scalaris*, if not deeper. In conclusion, I may observe that all these three species are very closely related, and by some might be regarded as variations of one and the same species, but if *Dosinia scalaris* be retained distinct from *Dosinia juvenis*, we must then admit the validity of the present form.

*Dosinia circinaria*, Deshayes (Pl. I. figs. 2–2e).

*Dosinia circinaria*, Deshayes, Cat. Conchif. Brit. Mus., p. 9.

*Dosinia circinaria*, Römer, Monog. Dosinia, p. 19.

*Habitat*.—Port Jackson, New South Wales, in 6 to 7 fathoms.

The locality of this species has not hitherto been known. The tip of the umbones appears to be generally stained with a pale brownish colour, a feature not referred to by Deshayes, who also does not give any dimensions. The type which is now figured is 28 mm. long, 27 high, and 16 in diameter.