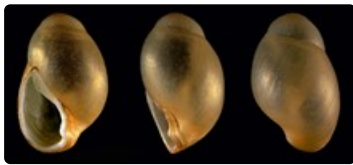




Opletopora jukesii (H. Adams, 1861)

Diagnostic features



Opletopora jukesii (adult size 6-8 mm)

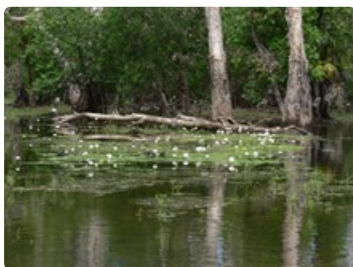


Opletopora jukesii - living animal. Photo: J. Walker.

The low rounded spire, pronounced columella fold at very bottom of



Distribution of *Opletopora jukesii*.



Habitat for this species, Coburg Peninsula, Northern Territory. Photo J. Ponder.

aperture and small size distinguish this species from typical species of *Opletopora*.

Classification

Opletopora jukesii (H. Adams, 1861)

Common name: Jukes's pouch snail.

Class: Gastropoda

Infraclass Heterobranchia

Megaorder Hygrophila

Order Lymnaeida

Superfamily Planorboidea

Family Planorbidae

Subfamily: Miratestinae

Genus *Oppletora* Iredale, 1943 (Type species: *Physopsis jukesii* H. Adams, 1861). *Oppletora* Iredale & Whitley, 1938 nom. nud.

Original name: *Physopsis jukesii* H. Adams, 1861. In Adams, H. (1861). Descriptions of a new genus and some new species of the shells from the collection of Hugh Cuming, Esq. *Proceedings of the Zoological Society of London* 1861: 143-145.

Type locality: Port Essington, Northern Territory.

Oppletora was treated as a subgenus of *Glyptophysa* following Walker (1988) in earlier versions of this key.

Biology and ecology

On water weeds, wood, and similar substrates, in ponds, billabongs, swamps, and sluggish streams and rivers. Feeds on algae and detritus. Egg mass typically a bean(kidney)-shaped jelly strip containing many small eggs. Development direct.

Distribution

Gulf of Carpentaria and Timor Sea divisions, Northern Territory and Western Australia.

Notes

Oppletora differs from the otherwise similar genus *Isidorella* in the penial apparatus having a penial stylet and an accessory flagellum (which are also present in *Glyptophysa*). *Isidorella* lacks a stylet and an accessory structure but the penis has two lobes.

Further reading

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https://keys.lucidcentral.org/keys/v3/freshwater_molluscs/

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