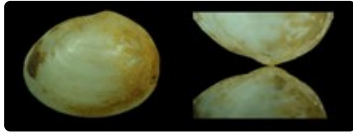




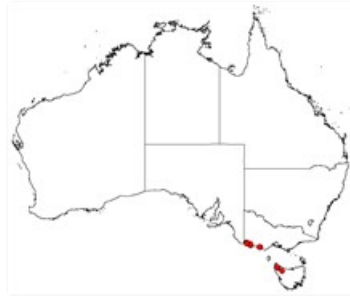
## *Pisidium (Afropisidium) aslini* Kuiper, 1983

### Diagnostic features

The subgenus is diagnosed as follows: Shell small, oval. Surface finely striated, sculpture more pronounced around umbo. Hinge plate narrow, cardinal teeth straight. Ligament external, elevated



*Pisidium (Afropisidium) aslini* (adult size up to 2.5 mm)



Distribution of *Pisidium (Afropisidium) aslini*.



Glenelg River at Dartmore, a locality where *P. aslini* occurs. Photo C. Lydeard.

over dorsal margin. Only one (exhalant) siphon present; inhalant opening merged with pedal slit due to loss of presiphonal suture; ventral pair of siphonal retractors well developed, placed at posterior end of pedal slit. Outer demibranch absent. Brood pouch localised dorsally, formed by 7-20 filaments (depending on size). Lateral loop of nephridium clearly visible from dorsal side.

The species differs from other Australian *Pisidium* in having an exterior ligament exterior, an elongate, moderately convex shell which is sculptured with fine, dense striations. The shell reaches 2.5 mm in length.

### Classification

*Pisidium (Afropisidium) aslini* Kuiper, 1983

*Common name:* Pea shell, pea clam, pill clam

*Class* Bivalvia

*nfraclass* Heteroconchia

*Cohort* Heterodonta

*Megaorder* Neoheterodontei

*Order* Sphaeriida

*Superfamily* Sphaerioidea

*Family* Sphaeriidae

*Genus* *Pisidium* Pfeiffer, 1821

Subgenus *Afropisidium* Kuiper, 1962 (Type species: *Pisidium lepus* Kuiper, 1957 = *Pisidium pirothi* Jickeli, 1881).

*Original name:* *Pisidium aslini* Kuiper, 1983. Kuiper, J. G. J. (1983). The Sphaeriidae of Australia. *Basteria* 47: 3-52.

*Type locality:* Left bank at junction of Moleside Creek, Glenelg River, Victoria.

## Biology and ecology

Shallow burrower, suspension and deposit feeder. Inhabits creeks, is often associated with *P. tasmanicum* (Korniushin, 2000). Broods young.

## Distribution

Western Victoria and northern Tasmania.

## Further reading

Korniushin, A. V. (2000). Review of the family Sphaeriidae (Mollusca: Bivalvia) of Australia, with the description of four new species. *Records of the Australian Museum* 52: 41-102.

Kuiper, J. G. J. (1983). The Sphaeriidae of Australia. *Basteria* 47: 3-52.

Lamprell, K. & Healy, J. (1998). *Bivalves of Australia, volume 2*. Leiden, Backhuys Publishers.

Lee, T. (2019). Sphaeriidae Deshayes, 1855 (1820). Pp. 197-201 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

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