# *Genus Euglesa* Leach in Jenyns, 1832

## Diagnostic features

Shell small, short oval or quadrangular, moderately convex. Surface irregularly striated. Pores moderately dense. Hinge plate relatively narrow. Cardinal teeth arched or bent. Ligament enclosed. Presiphonal mantle suture elongated. Inner radial mantle muscles form five to seven strong bundles. Outer demibranch small, strongly shifted posteriorly.

## Classification

***Euglesa*** Jenyns, 1832

*Class* Bivalvia

*Infraclass* Heteroconchia

*Cohort* Heterodonta

*Megaorder* Neoheterodontei

*Order* Sphaeriida

*Superfamily* Sphaerioidea

*Family* Sphaeriidae

*Subfamily*: Sphaeriinae

*Genus Euglesa* Jenyns, 1832

*Type species*: *Euglesa henslowiana* Jenyns, 1832 (= *Pisidium personatum* Malm, 1855) (also sometimes cited as *Tellina pusilla* Gmelin, 1791)

*Original reference*: Jenyns, L. (1832). A monograph on the British species of *Cyclas* and *Pisidium*. *Transactions of the Cambridge Philosophical Society* 4: 289–311.

*Type locality*: near Cambridge, England.

*Synonyms*: *Australpera* Iredale, 1943; *Glacipisum* Iredale, 1943 and several others - see https://www.marinespecies.org/aphia.php?p=taxdetails&id=885715

## State of taxonomy

We follow the latest revision of the species of this group by Korniushin (2000) except we treat *Euglesa* as a genus rather than a subgenus of *Pisidium* following Bespalyala et al. (2024).

## Biology and ecology

In rock and gravel substrate, amongst weed, and in sand and mud. Most frequent in creeks and small rivers. In South Australia and Tasmania, it also inhabits springs, peat bogs, lakes, and lagoons. Suspension and deposit feeder.

## Distribution

In Australia, the genus is found throughout much of south-eastern Australia, including Tasmania, as well as in Central Australia. Otherwise has a wide distribution including Europe, New Zealand, New Guinea, Indonesia, much of Europe and North America.

## Notes

Korniushin treated *Euglesa* as a subgenus of *Pisidium* Pfeiffer, 1821, as we also did in earlier versions of this key. *Pisidium* is a distinct genus found in eastern Europe and the USA (Bespalyala et al. 2024).

## Further reading


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



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