



## *Conondalia buzwilsoni* Ponder, Zhang, Hallan & Shea, 2019



*Conondalia buzwilsoni* (size 2.6-3.3 mm).



Distribution of *Conondalia buzwilsoni*.



Creek in Conondale State Forest. Photo J. Ponder.

### Diagnostic features

This genus differs from other similar tateids in having an elongate bursa copulatrix to which the bursal duct enters mid ventrally. The operculum has rudiments of pegs on its inner side. The shell is ovate-conic with a somewhat thickened peristome.

The genus is diagnosed as follows by Ponder et al. (2021).

Shell small, conical, whorls convex, with growth lines only; peristome slightly to moderately thickened, umbilicate. Operculum thin, yellowish, subpyriform, paucispiral with last whorl large, nucleus acentric; inner surface with 1 or 2 protuberances representing rudimentary pegs near nucleus. Radula with central teeth with median cusp wider and longer than adjacent cusps; lateral margins wide; innermost of two basal cusps (third outer denticle sometimes present) short, broad; basal tongue narrow. Male with prostate bean-shaped, little less than half in pallial roof. Pallial vas deferens simple. Penis with distal half parallel-sided for most of length, distally tapered, lacking lobes or processes; glands absent.

### Classification

*Conondalia buzwilsoni* Ponder, Zhang, Hallan & Shea, 2019

Class Gastropoda

Infraclass Caenogastropoda

Order Littorinida

Suborder Rissoidina

Superfamily Truncatelloidea

Family Tateidae

Genus *Conondalia* Ponder, Zhang, Hallan & Shea, 2019 (Type species: *Conondalia buzwilsoni* Ponder, Zhang, Hallan & Shea, 2019)

*Original name:* *Conondalia buzwilsoni* Ponder, Zhang, Hallan & Shea, 2019. In Ponder, W. F., Zhang, W. -H., Hallan, A., & Shea, M. E. (2019). New taxa of Tateidae (Caenogastropoda, Truncatelloidea) from springs associated with the Great Artesian Basin and Einasleigh Uplands, Queensland, with the description of two related taxa from eastern coastal drainages. *Zootaxa* 4583(1): 1-67.

*Type locality:* Conondale State Forest, in tributary of Tragedy Creek, S of Gympie, Queensland.

### State of taxonomy

Several species of *Conondalia* are known from SE Queensland, but all but one are undescribed.

### Biology and ecology

Lives on leaves, rocks and similar substrates in a small flowing stream.

### Distribution

Known from a single stream in the Conondale State Forest, southeast Queensland.

### Further reading

Ponder, W. (2019). Tateidae Thiele, 1925. Pp. 134-138 in C. Lydeard & Cummings, K. S. *Freshwater Mollusks of the World: a Distribution Atlas*. Baltimore, John Hopkins University Press.

Ponder, W. F., Zhang, W. -H., Hallan, A., & Shea, M. E. (2019). New taxa of Tateidae (Caenogastropoda, Truncatelloidea) from springs associated with the Great Artesian Basin and Einasleigh Uplands, Queensland, with the description of two related taxa from eastern coastal drainages. *Zootaxa* 4583(1): 1-67.

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To contact the authors for comment or suggestions, please email: [fwmollusc@gmail.com](mailto:fwmollusc@gmail.com)

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