

A new species of *Crepidatella* (Gastropoda: Calyptraeidae) from northern Chile

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Crepidatella occulta n. sp. is described from the intertidal zone in northern Chile. This species is morphologically cryptic with two other *Crepidatella* species from Chile, *Crepidatella dilatata* (Lamarck, 1822) and *Crepidatella peruviana* (Lamarck, 1822) (a senior synonym of *C. fecunda*), with respect to adult shell morphology and anatomy. However, *Crepidatella occulta* is clearly distinguishable from both of them on the basis of embryonic development. It can be distinguished from *Crepidatella peruviana*, a planktotroph, and *Crepidatella dilatata*, a direct developer with uncleaved nurse eggs, because it has direct development with developing nurse embryos that are consumed before the juveniles hatch. Genetic data from DNA sequences also support the distinct status of this species, and show that the South African species *C. capensis* (Quoy & Gaimard, 1832-33) is more closely related to *C. dilatata* and *C. peruviana* than is *C. occulta*. In addition *Crepidatella occulta* displays diagnostic allele