

Threatened species of the Northern Territory

Harts Range rocksnail

Granulomelon grandituberculatum

Conservation status

Australia: Not listed

Environment Protection and Biodiversity Conservation Act 1999

Northern Territory: Vulnerable

Territory Parks and Wildlife Conservation Act 1976



Credit: V. Kessner

Description

The Harts Range Rocksnail is a medium-sized camaenid land snail, with a shell diameter of 13-16 mm. The pale greenish-yellow shell is characterised by its high spire and greatly reduced radial sculpture¹.

Distribution

The Harts Range Rocksnail is endemic to the Northern Territory (NT), where it is known only from the basins of Maud and Florence Creeks on the south side of the Harts Range, northeast of Alice Springs.

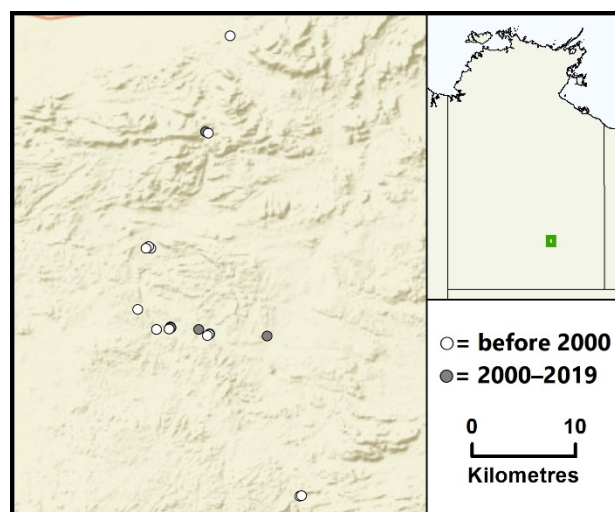
NT conservation reserves where reported: None.

Ecology and life-history

This species has very specific habitat requirements, being found in deep crevices in talus.

Threatening processes

There is no direct evidence that any factors have caused a decline in the numbers or distribution of the Harts Range Rocksnail. However, there has been no monitoring of status, and this species may be detrimentally affected by an increased frequency and/or intensity of fire, fuelled in part by invasive exotic grasses, particularly Buffel Grass *Cenchrus ciliaris*.



Caption: Known localities of the Harts Range Rocksnail in the NT (nrmmaps.nt.gov.au)

Conservation objectives and management

There is currently no management program for the Harts Range Rocksnail in the NT.

Research priorities are: to conduct further surveys to determine whether the species occurs elsewhere; and to identify specific threats at known localities.

A monitoring program should be established for at least representative localities. The management priority is to better safeguard the known localities through establishment of appropriate fire regimes.

References

¹ Solem, A., 1993. Camaenid land snails from Western and central Australia (Mollusca: Pulmonata: Camaenidae). VI Taxa from the red centre. Rec. West. Aust. Mus. Suppl. 43, 983–1459.