



Scientific name
Diphyscium mucronifolium

Common name
Pregnant mother moss

Family
Diphysciaceae

Photo by: Benito Tan

National Status: Critically Endangered (CR)

Habitat and Ecology: Growing on wet rocks and pebbles in shaded sites along streams and forest trails.

Distribution: In Singapore, found only in one locality in Bukit Timah Nature Reserve and one other site in Bukit Batok. Outside Singapore, it is widespread in the Asian tropics in shaded and wet forest sites near stream and creeks.

Threats: Degradation and drying of suitable habitats.

Scientific interest and potential value: A unique moss that has an unusually large and asymmetric capsule sitting on the gametophyte. This moss occupies a unique position in the evolution of larger size of the moss sporophyte (capsule).

Conservation measures: Protection for the known localities of this moss in Singapore needs to be continued, and other examples of suitable habitat should be sought.