

# Hasarius Simon, 1871

## Taxonomy

*Hasarius* includes four Australian species: *Hasarius adansonii*, *H. inhonestus*, *H. mulciber* and *H. obscurus*. *Hasarius adansonii* is cosmopolitan, found in warmer areas around the world. The remaining Australian species are known only from the type material, lost in two cases. It seems doubtful these species actually belong in *Hasarius*.

## Description

*Hasarius adansonii* is a medium-sized spider, body length 4 to 7 mm, with an elongate-ovate abdomen. The head, viewed from above, is rectangular with rounded sides, widest behind the posterior lateral eyes. The carapace is high, rounded, with a steep thoracic slope. Chelicerae have a divided (fissident) retromarginal tooth and two promarginal teeth. The third pair of legs is longest in the females and the first pair of legs longest in the males. All legs are slightly built.

The male's palpal tibia has a thick brush of white hair and a short and sharply-pointed retro-lateral tibial apophysis. The tegulum is rounded with no proximal lobe and a short embolus arising on the distal surface.

The female's coiled spermathecae can be seen externally, immediately anterior to the epigastric fold which has a median pocket.

## Biology

*Hasarius adansonii* is a cosmopolitan species found around the world in warmer climates. It can also be found in hothouses in more temperate areas overseas. It is a tramp species often occurring around port cities.

## Distribution

In Australia *Hasarius adansonii* is found in coastal regions, especially near ports, from Sydney to Darwin.

*Note:*

Species name as in the World Spider Catalogue <http://www.wsc.nmbe.ch/search>

## References

Davies, V.T. & Żabka, M. 1989 Illustrated keys to the genera of jumping spiders (Araneae: Salticidae) in Australia. *Memoirs of the Queensland Museum* 27, 189-266.

Richardson, B.J. & Żabka, M. 2016. Salticidae. Arachnida: Araneomorphae. Canberra, Australian Faunal Directory. Australian Biological Resources Study, at <https://biodiversity.org.au/afd/taxa/SALTICIDAE>.

Whyte, R. & Anderson, G. 2017. *A Field Guide to Spiders of Australia*. CSIRO Publishing: Clayton.

\* The information sheet should be interpreted in the context of the associated diagrams and photographs. Diagrams explaining anatomical terms can be found in the 'Salticidae' pictures at the beginning of the list of genera.



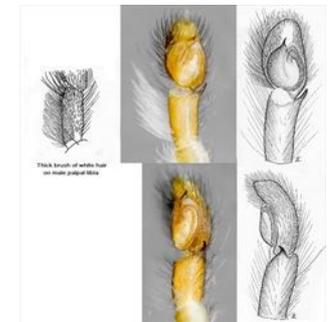
Examples of live *Hasarius*

Illustrator (and ©) R. Whyte



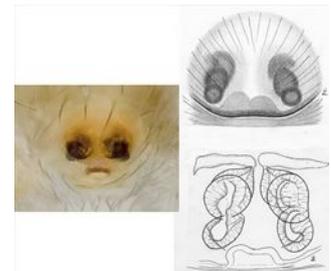
Aspects of the general morphology of *Hasarius*

Illustrators (and ©) B.J. Richardson (CSIRO), M. Żabka (diag.) (QMB)



Palp morphology of *Hasarius*

Illustrators (and ©) B.J. Richardson (M) (CSIRO), M. Żabka (QMB)



Epigyne morphology of *Hasarius*

Illustrators (and ©) R. Whyte, M. Żabka (diag.) (QMB)