

# *Glycyphana stolata* (Fabricius, 1781)

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### Taxonomy

Sub family: Cetoniinae / Tribe: Cetoniini / Genus: *Glycyphana* / Subgenus: *Glycyphaniola*

### Distinguishing Features

Medium sized polygonal shaped and dorsoventrally flattened beetles. Body length 8-11mm, body colour: brown to green with a dull/matte sheen. Microtrichia (scale) patches are present on pronotum (lateral margins and spots on disc), elytra, and pygidium. Clypeus with apex emarginate and entirely setose. Pronotum with strong, sparse, c-shaped punctures. Elytra evenly covered in mostly c-shaped punctures. Apical half of elytral suture raised into a keel, with apical spines present. Mesometasternal process developed.

The reduced tooth at the mid point of the hind tibia is a species distinguishing feature.

### Related and Similar Species

There are around 108 known species of *Glycyphana* spread across six subgenera. Australia has two representatives of *Calocyphana*, and eight within *Glycyphaniola*. A key to the Australian species was provided by Bacchus (1974).

*Protaetia* is the only other representative of Cetoniini present in Australia.

*Glycyphana stolata* can be separated from *Protaetia fusca* by its general smaller size (8-11mm compared to 12-15mm), differing patterns of dorsal scale patches, the presence of c-shaped punctations on the pronotum and elytra, a less pronounced situation of the pronotal posterior margin around the scutellum (a key feature to separate between the two genera), lack of elytral longitudinal grooves, and the presence of a setae bearing lateral groove across the mesometasternal process.

It can be readily separated from the exotic *Tropinota hirta* presented in the key here which has a grey black body colouration, a median longitudinal carina on its pronotum, and densely covered all over in white/yellow setae.

### Biological Data

Adult beetles have been collected on flowers from a number of native Australian plants from numerous families including Myrtaceae, Proteaceae and Fabaceae. They are also known from ornamentals such as roses, so a wider host range would not be out of character.

Their life history information is currently unknown.

### Distribution

*Glycyphana stolata* is native to Australia and common across Eastern Australia, ranging from NSW to far north QLD. It has been collected in SA, and introduced into WA where it is now widespread across the South West of the state.

The genus has a wider distribution across the Oriental region stretching from India to Japan, down towards Australia, across Indonesia, Timor-Leste and Papua New Guinea, and into the Pacific Islands of Vanuatu and the Solomon Islands.

### Useful Links

Flower Chafers of NSW Fact Sheet:

[https://keys.lucidcentral.org/keys/v3/aus\\_museum/flower\\_chafers/key/Cetoniinae/Media/Html/gstolata.htm](https://keys.lucidcentral.org/keys/v3/aus_museum/flower_chafers/key/Cetoniinae/Media/Html/gstolata.htm)

Further exotic species images can be found at BioLib: <https://www.biolib.cz/en/taxon/id663273/>

### References

Bacchus, M.E. 1974. A revision of the Australian species of the genus *Glycyphana* Burmeister (Coleoptera: Scarabaeidae). Journal of the Australian Entomological Society 13: 111-128



[Glycyphana stolata dorsal view](#)

Photographer:

Pia Scanlon



[Glycyphana stolata lateral view](#)

Photographer:

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[Glycyphana stolata ventral view](#)

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[Glycyphana stolata clypeus view](#)

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