Table 1: Jewel beetle (family: Buprestidae) records from Waite Conservation Reserve and nearby Waite Campus.

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| --- | --- | --- | --- | --- |
| sub- family | species | area | host plant | position |
| A | Agrilus hypoleucus | WCR | *Acacia pycnantha* | foliage |
| B | Anilara angusta | WCR | *Eucalyptus microcarpa* | dead foliage |
| B | Anilara blackburni | WCR | *Eucalyptus microcarpa* | dead foliage, # billets |
| B | Anilara longicollis | WCR | *Eucalyptus microcarpa* | dead foliage, # billets |
| B | Anilara obscura | WCR | *Eucalyptus microcarpaEucalyptus leucoxylon* | dead foliage, # billetsdead foliage |
| B | Anilara planifrons | WCR | *Acacia pycnantha* | foliage |
| B | Chrysobothris perroni | WCR | *Eucalyptus camaldulensisEucalyptus microcarpa* | **#** dead in fallen branch, # billets |
| A | Dinocephalia transsecta | WCR | *Allocasuarina verticillata* | foliage |
| A | Diphucrania modesta | WCR | *Acacia pycnantha* | foliage |
| A | Diphucrania nubeculosa | WCR | *Acacia pycnantha* | foliage |
| A | Germarica lilliputana | WCR | *Allocasuarina verticillata* | foliage |
| A | Germarica sp. large | WCR | *Allocasuarina verticillata* | foliage |
| B | Melobasis propinqua  | WCR | *Pultenaea largiflorens* | flowers |
| B | Melobasis semisuturalis | WCR | *Acacia pycnantha* | foliage |
| B | Melobasis simplex | WCR | *Acacia pycnantha* | foliage |
| B | Melobasis sordida | WCR | *Acacia pycnantha* | foliage |
| B | Melobasis vittata | WCR | *Acacia pycnantha* | foliage |
|  |
| B (a)\* | Castiarina amplipennis  | WARI | *\*Eucalyptus sp.* | flowers |
| B (b) | Castiarina crenata  | WARI | *\*Angophora sp.* | flowers |
| B (a) | Melobasis fasciata  | WARI | *Eucalyptus camaldulensis* | trunk |
| B | Pseudanilara piliventris | WARI | *\*Acacia notabilis* | dead foliage |
| B | Pseudanilara purpureicollis | WARI | *\*Acacia notabilis* | dead foliage |
| B (a) | Selagis aurifera  | WARI | *\*Eucalyptus sp.* | flowers |
| B | Temognatha lessonii | WARI | *Eucalyptus camaldulensis* | below flowering canopy |
| KEY:subfamily: A = Agrilinae, B = Buprestinaearea: WCR = Waite Conservation Reserve; WARI = Waite campus/arboretum\*source: (a) = private collection RG; (b) = WARI collection; remainder P.J. Lang**#** indicates breeding record/larval host |