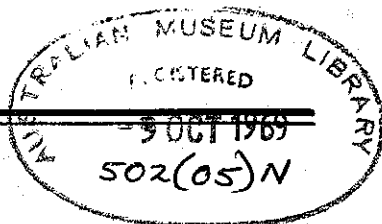


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# THE NORTH QUEENSLAND NATURALIST

CAIRNS

Journal of

**NORTH QUEENSLAND NATURALISTS CLUB**

**Founder, Presd. The late Dr. HUGO FLECKER.**

**OBJECTS** - The furtherance of the study of the various branches of Natural History and the preservation of our heritage of indigenous fauna and flora.

**ADDRESS** — Box 991, P.O. CAIRNS.

Q. 4870, Australia.

**MEETINGS** - Second Tuesday of each month at Oddfellows Hall, Lake St., 8p. m.

**FIELD DAYS** - Sunday before meeting. Notice of place and time given in "Cairns Post".

**Subscriptions (Due September 30):**

City and Suburban Members, \$2.50.

Country Members, \$2.00.

Junior Members, 50c.

Vol. 36

August, 1969.

No. 149

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"Each Author is responsible for the opinions and facts expressed in his or her article".

# NORTH QUEENSLAND COLEOPTERA.

## Their food or host plants. Part IV.

By J. G. Brooks, B. D. Sc., F. R. E. S.

I am again indebted to the Queensland Government Botanist for identifying the numerous plants submitted to him for determination. The areas of collecting have been extended to include Bowen, Ayr, Sellheim and Mt. Molloy.

### Yellow Jacket. Eucalyptus ochrophloia F.V.M. Addenda.

#### Family Buprestidae.

<i>Curis viridicyanea</i> Fairm.	
<i>Stigmodera</i> ( <i>Themognatha</i> ) <i>rigia</i> Blkb.	
" "	<i>sanguineocincta</i> Saund.
" (Castiarina)	<i>andersoni</i> L. & G.
" "	<i>flavosignata</i> Macl.
" "	<i>sexplagiata</i> Macl.
" "	<i>straminea</i> Macl.
" "	<i>vallisii</i> Deuq.

#### Family Cleridae.

<i>Eleale lepida</i> Pasc.
" <i>pulchra</i> Newm.
<i>Zenithicola crassus</i> Newm.
<i>Cleromorpha novemguttata</i> Westw.
<i>Lemidia hackeri</i> Lea.

All these species are blossom feeders.

### A Yellow Stringybark. Eucalyptus acemnioides Schau

#### Family Buprestidae.

<i>Curis viridicyanea</i> Fairm.	
<i>Stigmodera</i> ( <i>Themognatha</i> ) <i>regia</i> Blkb.	
" "	<i>sanguineocincta</i> Saund.
" "	<i>saundersi</i> Waterh.
" (Castiarina)	<i>andersoni</i> L. & G.
" "	<i>carinata</i> Macl.
" "	<i>cinnamomea</i> Macl.
" "	<i>doddi</i> Cart.
" "	<i>flavosignata</i> Macl.
" "	<i>horni</i> Kerr.
" "	<i>maculiventris</i> Macl.
" "	<i>strandii</i> Obenb.
" "	<i>octospilota</i> L. & G.
" "	<i>sexcavata</i> Deuq.
" "	<i>sexplagiata</i> L. & G.
" "	<i>vallisii</i> Deuq.

#### Family Scarabaeidae.

<i>Diaphonia palmata</i> Schaum.
<i>Trichaulax marginipennis</i> Macl.
<i>Lyraphora obliquata</i> Westw.
<i>Schizorrhina immaculata</i> Lea.
<i>Ablacopus trapezifera</i> Thoms.
<i>Chlorobapta frontalis</i> Don.
<i>Lemosoma tibiale</i> Macl.
<i>Glycyphana stolata</i> Fab.
<i>Clithria albersi</i> Kraatz.

#### Family Cerambycidae.

*Scolicrobrotus* Westw.

#### Family Scarabaeidae.

<i>Hemipharis insularis</i> L. & G.
<i>Eupoecila australasiae</i> Don.
<i>Polystigma punctata</i> Don.
<i>Cacochroa decorticata</i> Macl.
" <i>obscura</i> Blkb.
" <i>variabilis</i> Macl. var. Lea.
<i>Clithria albersi</i> Kraatz.
" <i>eucnemis</i> Burm.
<i>Trichaulax philippii</i> Schreib.
var. <i>macleayi</i> Kraatz.
<i>Glycyphana stolata</i> Fab.
<i>Microvalgus bursariae</i> .

#### Family Cerambycidae.

<i>Syllitus tuberculatus</i> McKeown.
<i>Telocera wollastoni</i> White.

#### Family Cleridae.

*Scrobiger splendidus* Newm.

#### Family Alleculidae.

*Chromomea ochracea* Cart.

#### Family Oedemeridae.

*Copidita punctatum* Macl.

Bats' Wing Coral Tree. *Erythrina vespertilis* Brenth.

Family Scarabaeidae.

*Anoplognathus parvulus* Waterh.  
Foliage feeders.

Grey or Pale Bloodwood. *Eucalyptus polycarpha* F. V. M.

Family Buprestidae.

*Curis carusca* Waterh.

*Stigmodera* (*Themognatha*) *excisicollis* Macl.  
" (*Castiarina*) *alternata* Lumh.  
" " *andersoni* L. & G.  
" " *atronotata* Waterh.  
" " *auricollis* Thoms.  
" " *cinnamomea* Macl.  
" " *erubescens* Blkb.  
" " *horni* Kerr.  
" " *maculiventris* Macl.  
" " var. *strandii* Obenb.  
" " *octospilota* L. & G.  
" " *triguttata* Macl.

Family Scarabaeidae.

*Phyllotocus navicularis* Blanch.  
*Mimadoretus flavomaculatus* Macl.  
*Hemipharis insularis* L. & G.  
*Eupoecila australasiae* Don.  
*Polystigma punctata* Don.  
*Cacochroa decorticata* Macl.  
" *variabilis* Macl. var. *Lea*.  
*Clithria eucnemis* Burm.  
*Lyraphora velutina* Macl.  
*Glycyphana stolata* Fab.

Family Cleridae.

*Phlogistus sculptus* Macl.  
" *smaragdinus* Gorh.  
*Eleale lepida* Pasc.  
" *viridicollis* Macl.  
*Zenithicola crassus* Newm.

Family Cerambycidae.

*Chlorophorus curtisi* L. & G.  
*Aridaeus heros* Pasc.

Family Curculionidae.

*Curculio mastersi* Pasc.

All these species are blossom feeders.

Bloodwood. *Eucalyptus gummifera* (Gaertn) Hochr. Addenda.

Family Buprestidae.

*Stigmodera* (*Themognatha*) *aestimata* Kerr.  
" (*Castiarina*) *andersoni* L. & G.  
" " *auricollis* Thoms.  
" " *carinata* Macl.  
" " *cinnamomea* Macl.  
" " *decipiens* Westw.  
" " *doddi* Cart.  
" " *flavosignata* Macl.  
" " *nigriventris* Macl.  
" " *obsepta* Kerr.  
" " *rubella* Cart.

Family Scarabaeidae.

*Phyllotocus assimilis* Macl.  
" *navicularis* Blanch.  
" *vittatus* Macl.  
*Cheiragra pallida* Macl.  
*Dilochrosis balteata* Vall.  
*Eupoecila evanescens* Lea.  
*Chlorobapta frontalis* Don.  
*Lemosoma tibiale* Macl.  
*Glycyphana pulchra* Macl.  
*Mimadoretus flavomaculatus* Macl.  
*Automulus brooksi* Brit.

Family Cerambycidae.

*Tellocera wollastoni* White.

*Stenellipsis spencei* McKeown.

All are blossom feeders except *S. spencei* McK., which is taken on dying leaves.

Cockey Apple. *Phanconia careya* (F. Muell) Kunth.

Family Buprestidae.

*Cyphogastra pistora* L. & G.  
" *vulnerata* Thery.

Burdekin Plum. Pleiogynium cerasiferum (F. Muell) Domin.

Family Buprestidae.

Cyphogastra pistora L. & G.

" vulnerata Thery.

Chalcotaenia australasiae Saund.

" cuprasceus Waterh.

Family Curculionidae.

Peripagis limbatus Pasc.

Orthorrhinus cylindirostris Fab.

Family Cerambycidae.

Typhocesis macleayi Pasc.

These species are either foliage or bark feeders.

Golden-Beard Grass. Chrysopogon fallax S. T. Blake.

Family Buprestidae.

Paracephala aenea Blkb.

These species feed on the flowers of the grass.

Family Chrysomelidae.

Rhyparida didyma Fab.

## THE GOLDEN BOWER BIRD.

Australia is noted for its colourful birds and birds with strange habits and calls. One of the most beautiful of these is the Golden Bower Bird (*Prionodura newtonia*) famed not only for its beauty but also because it belongs to that curious family of bower builders.

The male is a shining gold in colour with brownish wings, side of head and lower back, and, as he flies through the jungle of North Queensland, is a veritable flash of shining golden light. The female is less conspicuous, being an olive green above and light grey below - nevertheless an attractive bird.

The Golden Bower bird is found only in North Queensland, Australia, and there only in jungle country at an altitude of 3000 feet and over.

Other bower building birds are found in Australia and New Guinea and range from those that just clear a space in the jungle floor and decorate this with fresh leaves, to birds that build elaborate play houses and decorate with all manner of objects.

*P. newtonia* selects a place - generally in the more open type of rainforest - where two small trees or shrubs are fairly close together with a stick or branch connecting the two. He brings many small twigs and sticks and piles them around and between the two upright saplings to a height of three or four feet with the sides elevated a foot or so above the horizontal branch - the "singing stick". Sometimes the shoulders of the bower arch over the singing stick to form a tunnel-like opening. The singing stick is decorated with pieces of grey-green lichen, just about covering it with a mat of material with just a small piece uncovered where he sits to sing. Small white flowers of a particular species are also used, but when some similar artificial flowers were placed near by to tempt him, they were utterly ignored.

The bower may be used by the bird year after year and then suddenly abandoned and a new one built near-by.

When photographs were being taken at the bower, it was noted that Goldie visited it mainly in the early morning, although