

Addenda and Corrigenda

- Vol. 1
 No. 9, p. 5—*Tetracera wuthiana*. Add loca.
 Dunk Is (Banfield); Johnstone R.
 (Michael).
 After (*Hibbertia*) banksii (Benth.) add
 Rusty Guinea Flower.
 Before (H.) *velutina*, insert (H.) *con-*
cinna (Bail.)
 Herberton (Ringrose).
 After (H.) *velutina* (R.Br.) add Velvet
 Guinea Flower.
 After (H.) *lepidota* (R.Br.) add Slender
 Guinea Flower.
 p. 6—Before Family Myristiceae, insert
 (P.) *johnsonii* (DC.)
 Mt. Barle Frere, 5000ft. (Johnson).
 Before *Mitrephora* insert (P.) *michaelii*
 (White)
 Johnstone R. (Michael)
 After (*Melodorum*) *maccreai* insert
 (F.v.M.)
 p. 7—After (*Cryptocarya glaucescens*),
 var. *nitida*, insert (Benth.)
 Before (C.) *triplinervis* insert (C.) *cor-*
rugata (White and Francis). Oak
 Walnut.
 Bellenden Ker Range, near summit
 of central peak (White).
 Before (C.) *oblata* insert (C.) *australis*,
 (Benth.) Gellmeria.
 Cairns Dist.; Johnstone R. (Bancroft)
 (C.) *pleurosperma* (White and Francis)
 Gadgarra (Fuller); Bellenden Ker
 (White); Johnstone R. (Michael).
 Before *Beilschmiedia* insert (C.) *corruga-*
ta. Oak Walnut.
 Bellenden Ker Range (White).
 (B.) *bancroftii*. Delete loc. Atherton-
 Evelyn Tableland (Swain) and add
 Barron R. (Cowley); Atherton Dis.
 (Mocatta); Evelyn (J. F. Bail.);
 Bellenden Ker Scrubs (F. M. Bail.);
 Russell R. (Sayer).
 After loc. Johnstone R. add (Bancroft).
 Delete (B.) *lachnostemonia*.
 Before (*Endiandra*) *hypotephra* insert
 (E.) *longipedicillata* (White and
 Francis)
 Atherton District (Mosatta).
acuminata (White and Francis)
 Yarrabah (Michael).
palmerstoni (as per last list of correc-
tions).
 p. 8—After (*Cassytha filiformis* (L.) add
 Thready Dodder-laurel.
 (*Tinospora*) *berneyi*. Delete loc. and
 insert Croydon (Wilson); Spring
 Valley, Hughenden.
 Before *Adeliopsis* insert
Stephania (Lour.)
bancroftii (Bail.)
 Stannary Hills (Bancroft).
 Before *Capparis* insert *Polanisia* (Rafin)
viscosa (DC.)
 Moa Is. (Macgregor)

Census of North Queensland Plants (Continued)

- Family SAPINDACEAE (Juss.)
Castanospora (F.v.M.)
alphandi (F.v.M.)
 Barron Scrubs; Mulgrave Scrubs;
 Boonjie (Kajewski); Johnstone
 Scrubs; Rockingham B.
 ? *longistipitata* (Bail.)
 Scrubs of Barron R. (E. Cowley).
Cupania (Linn.)
wadsworthii (F.v.M.)
 Mt. Elliott
anacardioides (A. Rich.) Tukeroo.
 Flowers Sep. to Oct.
 Burdekin R. (F.v.M.)
serрата (F.v.M.)
 Rockingham B. (Dallachy)
flagelliformis (Bail.) Maraguigi.
 Barron R. (E. Cowley)
curvidentata (Bail.)
 Stony Creek (Nugent).
pseudorhus (A. Rich.). Pink Tamarind.
 Flowers Feb. to April.
 Barron R. Ranges; Cardwell.
robertsonii (F.v.M.)
 Rockingham B. (Dallachy)
sericolignis (Bail.)
 Scrub about Barron R.; Mulgrave R.
Toechima
erythrocarpa (F.v.M.)
 Butcher's Cr. (Miss Walsh); Ranges
 about Rockingham B. (Dallachy).
lanceolatum (White). Flowers May and
 June.
 Gadgarra (Kajewski).
- Ratonia* (DC.)
lachnocarpa (F.v.M.)
 Rockingham B. Coast (Dallachy).
grandissima (F.v.M.)
 Rockingham B. (Dallachy)
anodonta (Benth.)
 Rockingham B. (Dallachy)
purctulata (F.v.M.)
 Gregory R., near Mt. Dryander (Mich-
 ael).
cordierii (F.v.M.)
 Rockingham B. (Dallachy)
tenax (Benth.)
 Rockingham B. (Dallachy)
nugentii (Bail.), Chambin
 Barron R. (Bail.); Freshwater Creek
 (Cowley and Nugent).
exangulata (F.v.M.)
 Rockingham B. (Dallachy)
lessertiana (Benth.) Murgon
 Daintree R. (Cowley); Cardwell.
daemeliana (F.v.M.)
 C. York (Daemel).
martyana (F.v.M.)
 Rockingham B. (Dallachy)
Atalaya (Blume)
multiflora (Benth.)
 C. York (M'Gillivray)
hemiglauca (F.v.M.) Whitewood.
 Gilbert R.

To be continued

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The North Queensland Naturalist

The Official Journal and Magazine of the North Queensland Naturalists' Club

CAIRNS, JANUARY, 1934

Vol. 2, No. 4

The next meeting of the N.Q. Naturalists' Club will be held at the Girls' and Infants' School, Abbott Street, Cairns, on Monday, 15th January, at 8 p.m. Mr. M. Mackesy will lecture on "The Snakes of Australia," illustrating his talk by numerous specimens.

The usual monthly meeting of the Club was held on Monday, 11th December, 1933.

Miss M. Walsh, of Butcher's Creek, Peeramom, and Messrs M. D. Kirsner, Manager of the Cairns Branch of L. A. Wilkinson, Ltd., and F. Hunter, District Postal Inspector, were elected members.

Miss Mary Smyth, teacher of Girls' School, Cairns, Dr. R. S. Allan, geologist, Christchurch, N.Z., and Mr. L. Bowen were proposed for membership.

Mr. M. J. Manski showed a large series of very beautiful photographs taken by Mr. H. Chargois showing the giant Hercules Moth, *Coscenoscera hercules*, in every stage of development from the eggs on the feeding plant, caterpillars at different stages of growth, the formation of the chrysalis, the different stages of emergence of the moth, and finally the fully developed moth of each sex.

Mr. J. W. Buzacott, entomologist of Meringa, gave a very instructive talk on Mendelism, outlining Mendel's work, and giving a short account of the internal structure of the dividing cell, pointing out the manner in which the genes are arranged in order in the chromosomes. The manner in which the different hereditary characteristics are transmitted was explained.

Specimens of *Lingula* (?) *murphiana* secured alive at Mission Bay were shown by Dr. Flecker. These brachiopods are of much interest to palaeontologists, as they are living representatives of similar forms found in some early geological strata.

Specimens of pressed flowers forwarded by Miss M. Walsh, of Butcher's Creek have been identified as *Melastoma malabathricum* (Melastomaceae) and *Randia hirta* (Rubiaceae).

An excursion to Barron Heads was held on Sunday, 17th December, under ideal weather conditions. Opportunity was afforded of exploring the beaches both of Trinity Bay and on the river, as well as the intervening scrub. A great variety of plants were noted including a native passion flower (*Passiflora*) with beautiful pink flowers. On the beach were found some shells, including *Solarium*, and also a number of very flat cake urchins (*Echinoderms*).

The excursion arranged to take place to Glen Boughton has had to be postponed owing to inclement weather. An announcement when this will take place will be made at the next meeting.

The Cairns City Council has agreed to the suggestion offered by this Club to prohibit the use of harpoons, spears, etc. on Green Island. Much useless and aimless destruction of marine life, especially of the clams (*Tridacna*) has been caused by their use.

Addenda and Corrigenda

Vol. 1
 No. 9, p. 5—*Clematis glycinoides*. For (Flowers in August) read Flowers July and August.
 Add loc. L. Barrine (Kajewski).
 Add *Tetracera daemelliana* (F.v.M.) after Flowers Dec.
 Add locs. Daintree R. (Kajewski).
 (*T.*) *nordtiana*. Add loc. Daintree R. (Kajewski).
 Before Family Nymphaeaceae add (*H.*) *scandens* (F.v.M.) var. *oxyphylla* (Domin). Flowers Nov.
 Scrubby Cr. (Kajewski)
 Saurauja (Willd.)
andreaana (Oliver). Flowers Oct.
 Freshwater Cr.; Boonjie (Kajewski); Creeks about Bellendea Ker.
Piper banksii. Add loc. Daintree R. (Kajewski).
 Bottom of page add
 (*P.*) *triandrum* (F.v.M.)
 Gadgarra (Kajewski)
 p. 6—For (Family) Myristiceae read MYRISTACEAE.
 Before Family Magnoliaceae add (*M.*) *cimicifera* (R.Br.), var. *muelleri* (Donn.). (Flowers Nov.)
 Daintree R. (Kajewski); Gadgarra (Kajewski).
Drimys membranacea. Add locs. Gadgarra

(Kajewski); Rockingham B. (Dallachy).
 After Hills about Mulgrave R. add (Bail.)
 After (*D.*) *semecarpoides* (F.v.M.) add Flowers Dec.
 Add locs. Mt. Alexander (Kajewski); E. Malanda (Kajewski).
 Before *Galbulimima* add (*D.*) *insipida* (R.Br.). Flowers Oct.
 Mt. Bartle Frere (Kajewski)
 Before Family Anonaceae add *Austrobaileya* (White) *scandens* (White). Flowers Oct.
 Boonjie (Kajewski)
 Before (*Melodorum*) *uhrii* add (*M.*) *leichhardtii* (Benth.) Merangara Daintree R. (Kajewski); Malanda (White).
 (*M.*) *maccraei*. Add loc. Daintree R. (Kajewski).
 Before *Saccopetalum* insert Family EUPOMATIACEAE.
 Before Family Monimiaceae add *Eupomatia* (R.Br.) *laurina* (R.Br.). Flowers Nov.
 Scrubby Cr., Herberton Range (Kajewski).
 Before *Daphnandra* add *Hedycarya* (Forst.) *loxocarpa* (Benth.)
 Gadgarra (Kajewski).

Census of North Queensland Plants (Continued)

Sapindus (L.)
 ? *australis* (Benth.)
 C. York (M'Gillivray)
Nephelium (L.)
semiglacum (F.v.M.)
 From Rockingham B. southward (F.v.M.)
connatum (F.v.M.)
 Rockingham B.; Pt. Denison.
subdentatum (F.v.M.)
 Iringilburra Cr.; Rockingham B. (Dallachy).
semicinereum (F.v.M.)
 Rockingham B.
tomentosum (Benth.). Flowers Oct. to Apr.
 Rockingham B. (Dallachy).
divaricatum (F.v.M.)
 Rockingham B.
distyle (F.v.M.). Corduroy.
 Pt. Denison Southw. rd.
callarie (Bail.). Callarie.
 Up. Barron R. (J. F. Bail.); Mulgrave R.
Heterodendron (Desf.)
oleaeifolium (Desf.)
 Bowen R.; Burdekin R. (F.v.M.)
Harpullia (Roxb.)
frutescens (Bail.)
 Atherton Tableland (Bick.); Herberton (Rauff); Evelyn (J. F. Bail.); Bel-

lenden Ker, over 2,000ft.; Mourilyan (Mugford); Johnstone R. (Michael).
rhyticarpa (White and Francis). Flowers July.
 Freshwater Cr. (Francis); Yarrabah (Michael); Gadgarra (Kajewski); Barnard's Spur, Bellenden Rer Range (Bail.).
pendula (Planch.). Tulip Lancewood. Flowers July to Oct.
 Cairns-Atherton Dist. (Swain); Rockingham B.; Pt. Denison (Fitzalan).
Blepharocarya (F.v.M.)
involuticrigeria (F.v.M.). Rose Butterwood. Flowers Feb. to Apr.
 Coen R.; Endeavour R.; Atherton Dist. (Swain); Herberton Dist. (J. F. Bail.); Innisfail Dist. (Swain).
Dodonaea (L.). Hop Bush.
triquetra (Andr.). Large-leaf Hop-bush. Flowers Oct. to Jan.
 Rockingham B. southward.
lanceolata (F.v.M.)
 Is. of G of Carpentaria (R Br.); Sunday Is. (M'Gillivray); Range Road (Kajewski); Palm Is. (Henne); C. Cleveland (Cunn); Pt. Denison (Fitzalan).

To be continued

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Vol. 2. No. 5.

CAIRNS, FEBRUARY 1934

The usual monthly meeting of the Club was held on Monday, January 15th, when Mr. Morris Mackesy gave a lecture on Australian Snakes, illustrated by Specimens. The giant sea snake, captured the previous day by Messrs peel, Black, Walk and Cole, measuring 76 inches in length, was on view. It may be a new species. Further particulars will appear later.

Miss M. Smyth, Dr. R. S. Allan of Christchurch, N.Z., and Mr. L. Bowen were elected members.

Messrs Buzacott, Henry Purcell, Miss Smallwood and Mrs. H. K. N. McDonnell were proposed for membership.

The next meeting of the Club will be held at the Girls and Infants' School at 8 p.m. on Monday, February 12th, when Mr. Harold Smith, of the Entomological Laboratory, Atherton, will deliver an address.

How to Collect Insects

By FRED H. JAMES, Atherton

The collection and study of insects is fascinating and profitable work for old and young. Insects are best captured by using a butterfly net. They may be killed without injury by dropping them in a glass jar filled with the fumes of benzine, alcohol, ether, chloroform, carbon disulphide, or potassium cyanide. Once they are dead the insects should be spread out in their natural attitude on a soft board and held in place by fine pins until they are quite dry; they may then be mounted on long pins thrust through the thorax and into the bottom of a shallow box. When mounted, labels bearing the name of the specimen should be neatly pasted underneath. A small magnifying glass is a great aid to insect study.

About 300,000 species of insects have been collected, named and described by scientists. But by far the greater part of the insects which inhabit the world are still unknown to science. Hundreds of new species are discovered every year.

WHERE INSECTS FLOURISH

As a class, insects are found in virtually all parts of the earth, many species existing inside the arctic circle. But insects flourish best in warm countries. From man's point of view insects may be divided into the harmful and useful classes. Many kinds, like grasshoppers and locusts, plant lice, scale insects, cotton weevils, and caterpillars of nearly all moths and butterflies, do an immense amount of damage to trees, crops, domestic animals and food stores. Others, such as cockroaches, flies, fleas, mosquitoes and gnats, annoy men and animals and even spread some of the most dreaded diseases of mankind such as malaria, yellow fever, and that frightful scourge bubonic plague. But there is another side to the story which is often overlooked. If it were not for bees and other honey-seeking insects which carry the fertilising pollen from flower to flower, it would be almost impossible to raise many kinds of fruit and other crops.

(To be continued)