

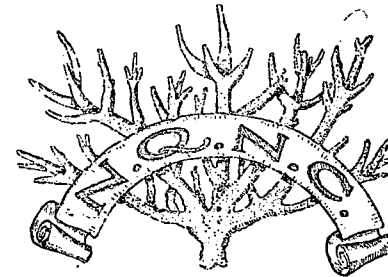
The North Queensland Naturalist

The Journal and Magazine of the North Queensland Naturalists' Club

Vol. 3. — No 1

CAIRNS, OCTOBER 1934

No. 25



North Queensland Naturalists' Club

Meets at Girls' and Infants' School, Abbott Street, Cairns,
usually on second Monday in each month at 8 p.m.

Next Meeting is postponed until Monday, 15th October (instead of 8th October).

BUSINESS FOR NEXT MONTHLY MEETING—Monday, October 15, 1934:

1. Minutes.
2. Correspondence and Reports.
3. Election of Members.

	PROPOSERS	SECONDRS
Nurse Strang Cairns District Hospital	Dr. H. Flecker	Mr. J. Wyer
Sister Williams Cairns Baby Clinic	Mr. M. Auricchio	Dr. H. Flecker
Mr. Boyns 21 Spence Street, Cairns	Mr. M. Auricchio	Mr. J. Wyer

4. Nominations for Membership.
5. General Business.
6. Remarks by Exhibitors.

It is particularly desired that members having interesting specimens should exhibit them at the Club's meetings, make a few remarks on them and furnish written particulars for record purposes. Brief descriptions should accompany exhibits for the benefit of fellow-members.

7. Subject for the Evening—

Lecture by Miss U. N. McConnel on
North Queensland Anthropology

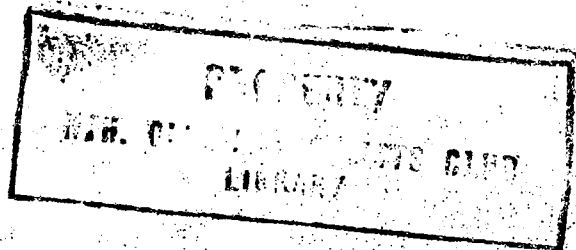
Office Bearers for 1934-35

President: Dr. H. Flecker, M.B., F.R.C.S., etc.
Vice-Presidents: Capt. W. Fish, Miss M. E. Hooper
Hon. Librarian: Mr. H. Purcell
Hon. Treasurer: Mr. R. J. Gorton

Hon. Secretary: Mr. J. Wyer, "Lochinvar," 253 Sheridan St., Cairns

Hon. Assistant Secretary: Mr. Michael Sergeant

Committee: Messrs M. Auricchio, J. McAuliffe, S. Dunn, T. P. Walsh



Aquatic Insects in North Queensland

By DAVID O. ATHERTON, B.Sc.Agr., Q.D.A.

(Continued from Vol. 2, p. 23)

The Odonata or dragon flies and damsel flies are probably the most conspicuous and consistent members of the fresh water insect fauna of northern waters. The strong and erratic flight of the dragon flies as they dash about, sometimes skimming the surface and anon flashing upwards at some unfortunate midge, constitutes a source of endless wonder and admiration. Of all insects some of the dragon flies are possessed of the most highly developed powers of flight. They are able to fly very swiftly, can change direction almost instantaneously, rise vertically, come to a full stop from headlong career in a moment, are able to hover in one spot and cap all aeronautical achievements by flying backwards at will. The immature forms of these accomplished fliers are known as nymphs and are confined to a watery environment where they crawl about among the rocks, mud and debris of the bottoms, devouring whatever small forms of life they are able to capture. When the nymph is full grown it climbs some convenient rock or plant before transforming itself into the adult insect. It would be tedious to enumerate even a few of the more common dragon flies of North Queensland but there are several which merit specific mention. Almost everyone must be familiar with the large blue *Orthetrum caledonicum* Br. and also with the large red *O. villosivittatum* Br., as both are strong fliers and quite common about the creeks of Eastern Queensland. Another interesting species is *Austrophlebia costalis* Till. which has a wing expanse of over five inches and is reputed to fly at 60 miles per hour. I have taken this species in the rain forest of the Atherton Tableland between Millaa Millaa and Ravenshoe. A beautiful species confined to North Queensland and New Guinea is *Rythemis resplendens* Sel. It expands about two inches and the lower part of each wing is coloured a very beautiful iridescent blue. This species may be taken in leisurely flight about any of the mountain streams of the far northern coast, such as that of the Intake, near Cairns.

It is impossible in a brief note such as this to do more than indicate the most interesting representatives of the various aquatic groups in the insects usually encountered. However, this alone will serve to draw attention to those denizens of our waters which will amply repay the study of the field naturalist. So far as I am aware neither the stone flies nor the Blepharacerae have previously been recorded from the coastal or mountain streams of North Queensland, and in view of their other habitats in much colder climates the present record is doubly interesting and is made in the hope that further study of the groups will receive a local stimulus that shall result in the lifting of the veil which now obscures their distribution in this State.

EXCURSIONS

YUNGABURRA.—Mr. A. E. Coleman of Yungaburra has kindly invited members of the club to visit his property together with Mount Hypipeme. Cars will meet in front of Tropical Theatre Cairns, at 8 a.m. Sunday, October 28th. Will those desiring to attend please communicate with Mr. M. Auricchio.

MICHAELMAS CAY.—Excursions are being arranged to Michaelmas Cay and the surrounding reef about Friday, Saturday and Sunday, 21st, 22nd and 23rd December. Details will be announced later. Members of the Field Naturalists' Club of Victoria will be present. Will those desirous of participating kindly communicate with Mr. M. Auricchio as early as possible.

Census of North Queensland Plants (Continued)

(Figures after plants indicate flowering months)

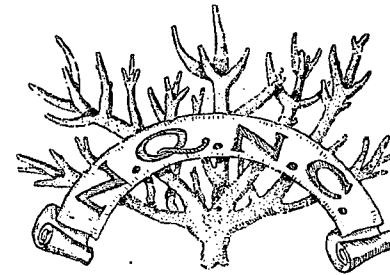
- | | |
|--|---|
| Jacksonia thesioides, A. Cunn., 6. | juncea, L. Sun Hemp. |
| P. of Wales I. (F.M.B.); Thursday I. (F.M.B.); Lizard I. (M'Gillivray); Endeavour R. (Banks and Sol.). | Pt. Denison (Bowman) |
| Gastrolobium, K.Br. | linifolia, L. 3. |
| grandiflorum, F.v.M. Heart Leaf Poison Bush. 2. | I. of G. of Carpentaria (R.Br.); Mabuiag I. (Macgregor); Mt. Mulligan (Flecker); C. York (M'Gillivray); Endeavour R. (R.Br.); Pt. Denison (Fitzalan). |
| Flinders R. (F.M.B.); Mt. Mulligan (Flecker); Rockingham B. (F.M.B.); Cape R. (F.M.B.); Pt. Denison (F.M.B.) | nana, Burm. |
| Pultenaea, Sm. | * Sweers I. (J. F. Bail) |
| Millari, F.M.B. | calycina, Schrank. 4. |
| Herberton (J. F. Bail) | I. of Torres Str.; Wai Weir I. (Macgregor); Mt. Mulligan (Flecker) Endeavour R. (R.Br.); Pt. Denison (Fitzalan). |
| Bossiaea, Vent. | retusa, L. 12. |
| carinalis, Benth. | Cairns (Flecker); Edgecombe B. (Dallachy). |
| Cape R. (Daintree). | Mitchelli, Benth. |
| Brownii, Benth. | Pt. Denison (Fitzalan). |
| Pt. Bowen (R.Br.) | humifusa, Grah. |
| Armitii, F.v.M.) | Rockingham B. southward (F.M.B.) |
| Gilbert R. (Daintree); Herbert R. (Armit) | novae-hollandiae, DC. |
| phylloclada, F.v.M. | G. of Carpentaria (F.M.B.) |
| Is. of G. of Carpentaria (R.Br.) | Cunninghamii, R.Br. Bird Flower. |
| Templetonia, R.Br. | G. of Carpentaria (F.v.M.) |
| Hookeri, Benth. | trifoliatrum, Willd. |
| I. of G. of Carpentaria (R.Br.) | Is. of G. of Carpentaria (R.Br.); Pt. Denison (Fitzalan). |
| Hovea, R.Br. | incana, L. |
| longifolia, R.Br. Long-leaf Hovea. | Gilbert R. (F.v.M.) |
| Gadgarra (Kajewski); Newcastle Range (F.v.M.); Rockingham B. southward (F.M.B.) | striata, DC. 4 to 9, 11, 12. |
| var. pannosa, Benth. | Murray I. (Macgregor); Cairns (Flecker); Innisfail (Flecker); Bowen (F.M.B.) |
| Palmer R. (F.M.B.) | dissitiflora, Benth. |
| longipes, Benth. | G. of Carpentaria (Landsborough) |
| Rockingham B. (F.M.B.); Burdekin R. (F.v.M.) | laburnifolia, L. |
| Crotalaria, L. Rattlepod. | Rockingham B. (A. Cunn.); C. Upstart (M'Gillivray); Sandy shores of Burdekin R. (F.v.M.); Pt. Denison (Fitzalan). |
| verrucosa, L. 3. | quinquefolia, L. |
| Hodgkinson R., Mt. Mulligan (Flecker); Rockingham B. (Armit); C. Upstart (M'Gillivray); Edgecombe B. (Dallachy). | L. Burdekin R. (Bowman) |
| crispata, F.v.M. | |
| I. of G. of Carpentaria (R.Br.) | |

Addenda and Corrigenda

Vol. 1

No. 9, p. 6—After (*Peperomia*) *leptostachya* (Hook. and Arn.) add 1 and 8.
 No. 10, p. 7—*Flindersia inflata*. After loc. Atherton Dist. add (Swain). After (F.) *bourjotiana* add 7 to 4.
 P. 8—*Halfordia scleroxyla*. For *Kerosene-tree* read *Ghittoe*. 4.
 Add locs. Cairns Atherton Dist. (Swain); Gadgarra (Kajewski).
Micromelum pubescens. Add locs. York I. (Macgregor); C. York (Francis).
 After (*Murraya*) *exotica* (L.), add China Box.
Atalantia glauca. For Native Kumquat read Australian Kumquat.
 For (*Ailanthus*) *imberbiflora* (F.v.M.) read (A.) *malabarica*, A.D.C. White Siris. 12.
 After (*Brackenridgea*) *australiana* (F.v.M.) add 19.
 Add loc. Boonjie (Kajewski).
 No. 11, p. 4 *Canarium australasicum*. Add loc. Range Rd. (Kajewski).
Tribulus cystoides. Add locs. York I. (Macgregor); Pt. Molle (M'Gillivray).
 Before *Erythroxyton* insert Family ERYTHROXYLACEAE.
 For *Erythroxyton* read *Erythroxyllum*.
 Before Family *Malpighiaceae* add (E.) *ecarinatum*, Burck. Brown Plum. 7 and 10.
 Gadgarra (Kajewski); Boonjie (Kajewski).
 After (*Oxalis*) *corniculata* (L.), *Creeping Wood Sorrel*, add 5 to 9, 11.
 Add loc. Cairns (Flecker).
 Before Family *Malvaceae* add Family GONYSYLACEAE.
Microstemma setosa, White. 12.
 Mt. Molloy (Brass); Street's Cr. Kuranda (Doggrell); E. Malanda (Kajewski).
 Before (*Sida*) *macrocarpa* add *Malva* (L.) *parviflora*, L. Small Flowered Mallow Europe.
 Charters Towers.
 Before (S.) *cordifolia* var. *mutica* add (S.) *acuta*, Burm.
 Croydon (Wilson); Gordonvale (Jarvis); Palm I. (Herbert); Townsville (Bick).
cordifolia, L. 2 to 4, 6 to 9, 12.
 Mt. Mulligan (Flecker); Cairns (Flecker); Palm I. (Herbert).
 After (S.) *cordifolia* (Linn.) var. *mutica* add Benth.

Before (S.) *rhombifolia* insert (S.) *subspicata*, F.v.M.
 Bountiful Is. (Macgregor)
Abutilon graveolens. For (W.) read (W. and Arn.)
 (A.) *muticum*. Add loc. Palm I. (Herbert).
 Before *Urena* insert (A.) *auritum*, Don.
 Palm I. (Herbert).
crispum, Don. India and America.
 Bowen (Michael)
 Before (U.) *armitiana* add (U.) *lobata*, L. 7 to 9.
 Cairns (Flecker); Palm I. (Herbert).
 P. 5—After *Hibiscus notho-manihot* (F.v.M.) add 12.
 Add loc. Daintree R. (Kajewski).
 Before (H.) *divaricatus* add (H.) *radiatus*, Cav. Quootham. 2 and 5.
 Cairns (Flecker); Mt. Mulligan (Flecker); Palm I. (Herbert).
 After (H.) *tiliaceus* (Linn.), *Cotton-tree*, add 12.
 Add loc. Flinders Gp. (Rich. and Hed.); Daintree R. (Kajewski); Palm I. (Herbert).
 After (*Sterculia*) *quadrifida* (R.Br.) *Ko-ral-ba*, add 10 to 3.
 Before (*Brachychiton*) *populneus* add (B.) *acerifolium*, Cunn. *Flame Currajong*. 9 to 2.
 From Rockingham B. Southward (Swain).
 After (B.) *populneus* (R.Br.), *Currajong* add 10 to 2.
 For (B.) *caudata* (Howard) read *diversifolium*.
 Add locs. Coen R. (Swain); Mareeba (Swain).
 Before (*Tarrietia*) *argyrodendron* (F.v.M.) var. *grandiflora* add (T.) *argyrodendron*, (F.v.M.), Booyong 9.
Endeavour R. (Francis).
 Bottom of page add (T.) *argyrodendron* var. *macrophylla*, F.M.B.
 Cairns-Atherton District (Swain).
 P. 6—For (T.) *argyrodendron* var. *peralata* (Bailey). *Crow's Foot Elm* read (T.) *peralata*, F.M.B. *Red Tulip Oak*. 5
 Add loc. Atherton Plat. (Swain); Gadgarra (Kajewski).
 Before *Kleinhovia* add (T.) *trifoliata*, F.v.M. 11.
 L. Barrine (Kajewski).
Heritiera, Ait. *littoralis*, Ait. *Looking Glass Tree*.
 Palm I. (Herbert).



The North Queensland Naturalist

The Journal and Magazine of the North Queensland Naturalists' Club

Vol. III. No. 2

CAIRNS, NOVEMBER 1934

Serial No. 26

North Queensland Naturalists' Club

Meets at Girls' and Infants' School, Abbott Street, Cairns, usually on second Monday in each month at 8 p.m.

BUSINESS FOR NEXT MONTHLY MEETING—Monday, 12th. Nov., 1934

1. Minutes.
2. Correspondence and Reports.
3. Election of Members.

PROPOSERS	SECONDEES
Mr. J. J. Brooks, 77 Lake Street, Cairns	Mr. T. Walsh
Dr. V. C. Byrne, Abbott St., Cairns	Mr. M. Auricchio
Mr. Geo. Hy. Clarke, 172 Sachs St., Cairns	Mr. G. Bates
Brother Dennis, Marist Bros. College, Cairns	Mr. R. J. Gorton
Mr. Fernand Henri, A.M.P. Society, Cairns	Mr. J. Wyer
Dr. T. G. Hewitt, 68 Abbott St., Cairns	Dr. H. Flecker
Mr. Ian Higlett, Bank of N.S.W., Cairns	Mr. James
Mrs. M. J. Hill, Glen Boughton	Mr. J. McAuliffe
Mr. W. I. Horn, care of Manahans Ltd., Cairns	Mr. T. Walsh
Mr. W. J. McDonagh, Australian Hotel, Cairns	Mr. J. Wyer
Mr. W. L. Miller, Australian Mach. Co., Cairns	Mr. M. Auricchio
Mr. S. P. Rutherford, c/o W. Smith & Co., Cairns	Mr. J. McAuliffe
Mr. M. Auricchio	Mr. M. Auricchio

4. Nominations for Membership.
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 Hon. Librarian: Mr. H. Purcell
 Hon. Treasurer: Mr. R. J. Gorton
 Hon. Secretary: Mr. J. Wyer, "Lochinvar," 253 Sheridan St., Cairns
 Hon. Assistant Secretary: Mr. Michael Sergeant
 Committee: Messrs M. Auricchio, J. McAuliffe, S. Dunn, T. P. Walsh