

XI. ANNOTATED PHYTO-TAXONOMICAL & PHYTO-GEOGRAPHICAL
PUBLICATIONS ON OR OF IMPORTANCE TO THE MALAYSIAN FLORA.

(cntd. from p.82).

Index Kewensis. Suppl. 10. (1936-1940). Clarendon Press,
Oxford, £4/4/. (1947).

Check List of British vascular plants (Journ. Ecol. 33 (1946)
308-347).

Nomenclature accepted by the Brit. Ecol. Soc. to uniformize
the binary names used for British plants.

Australasian Herbarium News, no 2, March 1948. 34 pp.

Publ. half-yearly by the Syst. Bot. Comm. of Sect. M
Austral. & N. Zeal. Assoc. Advanc. Sci.

Contains: Notes on Report on Committee meetings, nomen-
clature of naturalized plants, handbooks Flora & Fauna
S Australia, red seaweeds of Australia, consultation
of Russian floras, a list of members of the staffs of
Australasian Herbaria, expeditions to N Australia during
1948, and news and notes on current work.

- Adelbert, A.G.L.: Notes on the flora of Java IV. (Blumea 6 (1948) 310-336).
Incl. notes on Elaeocarpus, Meliaceae, Sapindaceae, Anacardiaceae, and Solanaceae.
- Ames, O.: Orchids in retrospect. A collection of essays on the Orchidaceae. Bot.Mus.Harv.Univ.Cambridge (Mass.) 1948. 172 pp. ill., portr.
A well-executed richly illustrated commemorative volume, dedicated to the author and celebrating his 50 years of service to the science of botany at Harvard University. It consists of a selection of his own distinguished essays to which is added a foreword, a biographical sketch (by prof. Mangelsdorf), and a bibliography of prof. Ames's.
- Archer, W.A.: Collecting data and specimens for study of economic plants. (U.S.Dep.Agric.Misc.Publ.no 568 Washington DC. 1945, 52 pp.).
Richly illustrated useful guide for field work with special reference to economic plants.
- Arnold, R.E.: Phalaenopsis sumatrana (Revue Horticole Suisse 20 (1947) 128).
- Backer, C.A. c.s.: Beknopte flora van Java (nooduitgave), afl.6. Rijksherbarium, Leiden, Juni 1948.
The 6th instalment of the mimeographed emergency edition of the new flora of Java, of C.A.Backer, with some contributions by Amshoff, Bakhuizen van den Brink Jr, and Lam. In this part are treated: Hamamelidaceae, Buxaceae, Salicaceae, Myricaceae, Betulaceae, Fagaceae, Casuarinaceae, Ulmaceae, Moraceae, Urticaceae, Cannabina-ceae, Aquifoliaceae, Celastraceae, Hippocrateaceae, Icacinaceae, Salvadoraceae, Olacaceae, Opiliaceae, Loranthaceae, Santalaceae, Balanophoraceae, Rhamnaceae, Elaeagnaceae, Vitaceae, Rutaceae, Simarubaceae, Burseraceae.
- Backer, C.A.: Notes on the flora of Java III. Some remarks on the Moraceae of Java (Blumea 6 (1948) 302-309, 1 pl.).
Incl. important notes and full descriptions of several spp of Ficus; *F.fairchildii* is new described.
- Bailey, I.W. & Ch.G.Nast: Morphology and relationships of Illicium, Schisandra and Kadsura I. Stem and leaf. (Journ.Arn.Arb. 29 (1948) 77-89, 6 pl.).
Comparative anatomy of stem and leaf is discussed: the characters prove remote from those of Magnoliaceae
s.str.

- Blake, S.T.: The Cyperaceae collected in New Guinea by L.J. Brass III (Journ.Arn.Arb. 29 (1948) 90-102).
Treats the genera Schoenus, Carpha, Costularia, Oreobolus, Cladium, Gahnia, Rhynchospora, Remirea.
- Bloem, J.W.: Eucalyptus in verband met het cultuurvraagstuk op arme gronden (Tectona 38 (1948) 125-159).
Notes on eucalypts in connexion with the desirability of trees suitable to poor soils in the Neth.Indies.
- Bor, N.L. & D.Chatterjee: Biological research and taxonomy (Sci. & Cult. 13 (1948) 272-275).
Aim of taxonomy with reference to the Flora of India.
- Bremekamp, C.E.B.: Notes on the Acanthaceae of Java (Verhand. Kon.Akad.Wet.A'dam sect.II, 45, no 2 (1948) I 78).
Genera of Acanthaceae occurring Java are listed and notes are given on critical species of each genus resulting from a revision of Javan Acanth. made for Backer's new Flora of Java. New species are described in Blepharis, Microstrobilus, Lepidagathis, Asystasia, Peristrophe, Hypoestes, Polytrema, Leptostachya, Rhaphidospora, Rostellularia, Rungia; several of these new species are based on extra-Javan material. Several new genera are described: Calliaspidia (Mexico), Psacadocalymna (America), Mananthes (S China to Java), Rhyticalymna (W Malaysia).
- Bremekamp, C.E.B. & N.E.Nannenga-Bremekamp: A preliminary survey of the Ruelliinae (Acanth.) of the Malay Archipelago and New Guinea (Verhand.Kon.Akad.Wet.A'dam sect. II, 45, no 1 (1948) 1-39).
6 Subtribes are distinguished within the Ruellieae. Key to the 8 genera recognized of the Ruelliinae among which 2 are new: Nothoruellia from New Guinea and Pararuellia from Indochina and Malaysia. Of Dipteracanthus, Pararuellia and Eranthemum keys to the species are given. Several new spp. are described and numerous new combinations are made.
- Buchholz, J.T. & N.E.Gray: A taxonomic revision of Podocarpus I. The sections of the genus and their subdivisions with special reference to leaf anatomy (Journ.Arn.Arb. 29 (1948) 49-63).
Key to the sections and subsections, mostly on vegetative characters; note on the origin Podocarpus.
- Bünning, E.: Ueber die Beschleunigung des Blühens in tropischen Gebirgen (Biol.Centr.B.67 (1948) 3-6).

To explain the absence of flowers of European plants in tropical lowlands which do flower at high altitudes in the tropics Lang & Melchers rule is applied: the critical day-length decreases with decreasing temperature.

- Burt, B.L.: Didissandra and Corallodiscus (esn.) (Gard. Chron. III, 122, no. 3179 (1947) 204-212).
In 1905 Ridley chose *D. frutescens* (Jack) Clarke as the lectotype of the genus; Craib in 1920 chose *D. lanuginosa* (Wall. ex DC) Clarke. Burt follows Ridley for *Didissandra* in the restr. sense. *Corallodiscus*, coinciding with Clarke's section *Boesides* is revived and accomodates now 18 SE Asiatic spp. formerly incl. in *Didissandra*.
- Chatterjee, D.: A new genus of Cucurbitaceae (Kew Bull. 1947, no 2, p.119-121 (1948), 1 fig.).
More full description of *Indofevillea khasyana* n.sp.
- Chatterjee, D.: Indian species of Arisaema (Nature 158 (1946) 490).
General notes on occurrence and scheme of relationship; a detailed account has been prepared and will be published elsewhere.
- Chatterjee, D.: Botanical nomenclature of the shaddock or pomelo (Nature 161 (1948) 770).
- Chatterjee, D.: The botanical survey of India (Nature 160 (1947) 387).
History of this Service and its future prospects.
- Chatterjee, D.: Early history of the Royal Botanic Garden, Calcutta (Nature 161 (1948) 362).
- Chatterjee, D.: Influence of East Mediterranean region flora on that of India (Sci. & Cult. 13 (1947) 9 - 11).
It is estimated that 10% of the Indian flora is derived from East Mediterranean stock.
- Chatterjee, D.: A new genus of Cucurbitaceae (Nature 158 (1946) 345).
Brief descr. of *Indofevillea* n.g allied to *Thladiantha*.
- Cheesman, E.E.: Classification of the bananas (Kew Bull. 1947, no 2 (1948) 97-117).
It is proposed to split the genus *Musa* into *Ensete* Horan (25 spp. in Africa) and *Musa* L. s.str. Of the latter 4 sections are distinguished.

- Clausen, J., D.D.Keck, & W.H.Hiesey: Experimental studies on the nature of species III. Environmental responses of climatic races of Achillea. Carnegie Inst.Wash.Publ. 581 (1948) 129 pp.
Extensive detailed studies in ecotypes of *Achillea millefolium* transplanted under uniform conditions showing exemplary evidence of ecological segregation of a wide-spread tolerant species.
- Copeland, E.B.: Cyathea in New Guinea (Philip.J.Sc. 77 (1947) 95-124, 14 pl.).
The descriptions have been briefly extracted in Univ.Cal. Publ.Bot. 18 (1942) 218-219. The work incl. the species from neighbouring islands. 84 spp. are distinguished of which 90% are endemic.
- Cramer, P.J.S.: Tegenstellingen in de landbouw in Indonesië. 's Gravenhage 1948, 15 pp.
Inaugural address as an extraordinarius in trop. cultures in the University at Utrecht; antagonism between export cultures and those for consumption in Malaysia.
- Crocker, R.L. & J.G.Wood: Some historical influences on the development of the South Australian vegetation communities and their bearing on concepts and classification in ecology (Trans.R.Soc.S.Austr. 71 (1947) 91-136, 13 fig.)
An interesting discussion on the historic plant geography of Australia, the dating of a mid-Recent period of aridity and influence of this desiccation on the pattern of distribution. Discussion of ecological concepts. Reasons to explain the large number of "species complexes".
- Croizat, L.: A study in the Celastraceae. Siphonodonoideae subfam. nov. (Lilloa 13 (1947) 31-43, 8 fig.).
Morphology and affinity of *Siphonodon*, type of the new subfamily.
- Davis, R.S.: Spathoglottis plicata and Habenaria malintana (Orchid Digest 11 (1947) 118-119, 2 fig.).
Ecological observations in the Philippines.
- Donk, M.A.: Notes on Malaysian Fungi I (Bull.Bot.Gard.Btzg III, 17 (1948) 473-482).
Polyporus coffeae Wakef. is identified with *Diacanthodes philippinensis* (Pat.) Sing. the description of which is emended. It is related to *Abortiporus* as appears from an extensive discussion on the variability.

- Duchesne, Fl.: La section économique du Musée du Congo Belge (Ann.Mus.Belg.Congo Tervuren 1 (1947) 260 pp.).
Illustrated account of the useful products, mainly botanical, arranged as to subjects; also chapters on ivory, sericulture, apiculture and mining.
- Fairchild, D.: The world grows round my door. Ch.Scribner's Sons. N.Y. 1947. 347 pp. \$ 6.
The story of the Kampong, the house of the author in Florida interwoven with autobiographical data of a life full of amusing experiences.
- Faull, J.H.: Tropical fern hosts of rust Fungi (Journ.Arn.Arb. 28 (1947) 309-319.).
109 spp. are mentioned, of which 73 are recorded for the first time; 4 new comb. are proposed.
- Fosberg, F.R.: Formaldehyde in plant collecting (Science 106 (1947) 250).
Practical experience with preserving tropical plants when drying is impractical.
- Good, R.: The Geography of plants. Longmans, Green & Co., London, 1947, 403 pp. 71 fig. sh.30/4.
An outline of the floristic geography with special stress on the distribution of genera, and species, with chapters on the distribution on the British flora, the distribution of plants in an English country, and historic plant geography.
- Gregor, J.W.: Some reflections on intra-specific ecological variation and its classification (Trans.Bot.Soc.Edinb. 34, pt 4 (1947) 377-391).
A stimulating discussion on the various aspects of the naming of ecological taxa.
- Helbig, K.: Indonesiens Tropenwelt. Kosmos, Stuttgart 1947.
78 pp.
- Heintzelman, Ch.E. & R.A.Howard: The comparative morphology of the Icacinaceae V. The pubescence and the crystals (Amer.J.Bot. 35 (1948) 42-52).
- Hoogerwerf, A.: Het wildreservaat Baloeran (Tectona 38 (1948) 33-49).
General description of flora and fauna of the nature reserve Baloeran in the NE corner of East Java, the climate (which is a very dry monsoon climate), and a report on the author's trip in Nov. 1941.

- Hutchinson, J.B.: Notes on the classification and distribution of genera related to Gossypium (New Phytol. 46 (1947) 123.).
- Hylander, Nils: Über Geokarpie (Bot. Notiser 1946, 432-470).
Extensive review of geocarpus plants in the broadest sense; 7 types are proposed. Many Malaysian plants are included in the discussion.
- Jacobs, Don.L.: An ecological life-history of Spirodela polyrrhiza with emphasis on the turion phase (Ecol. Monogr. 17 (1947) 437-469).
- Koster, J.Th.: Notes on Malay Compositae II (Blumea 6 (1948) 264-265).
Results of a study of types of some spp. of Blumea in Herb. DC. at Geneva. Some name changes are proposed.
- Merrill, E.D.: On the control of destructive insects in the herbarium (Journ. Arnold Arb. 29 (1948) 103-110).
Discussion of various methods for control of insects in the herbarium. In the Arnold Arb. bug traps are used consisting of herbarium of plants preferred by herb. beetles; these are fumigated at regular intervals.
- Moldenke, H.N.: The known geographic distribution of the members of the Eriocaulaceae, together with a check-list of scientific names proposed in this group. New York, 1946, mimeogr. 4°, 61 pp.
- Moldenke, H.N.: A list showing the location of the principal collections of Verbenaceae, Avicenniaceae, Stilbaceae, Symphoremaceae, and Eriocaulaceae. Suppl. 1. New York, 1947, mimeogr. 4°, 27 pp.
Collectors names are accompanied by the name of herbarium in which the author found specimens.
- Moldenke, H.N.: An alphabetic list of invalid and incorrect scientific names proposed in the Verbenaceae, Avicenniaceae, Stilbaceae, and Symphoremaceae. Including variations in spelling and accreditation. Suppl. 1. New York, 1947, mimeogr. 4°, 30 pp.
- Morrison, Crosbie (ed.): Melbourne's Garden. Melbourne University Press. 1946. 158 pp. Cloth 21/.
- Commemorates the centenary of the Gardens. A worthy richly illustrated record conveying to the reader the beauty of these Gardens, and its history.
- Ostendorf, F.W.: Fertility of cacao (Chron. Nat. 104 (1948) 101-105).

Cacao trees belong to 2 distinct classes viz self-sterile and self-fertile. Fruit-setting depends on factors acting within the mother plant.

Pichon, M.: Classification des Apocynacées I. Carissées et Ambelaniées (Mém. Mus. Nat. Hist. Nat. n.s. 24 (1948) 111-181, 4 pl.).

Extensive treatment of the genera and sections with keys and descriptions; species examined are enumerated.

Pichon, M.: Classification des Apocynacées IV. Genre Alstonia et genres voisins (Bull. Mus. Hist. Nat. II, 19 (1947) 294-301).

In *Alstonia* 3 sections are distinguished: *Pala* (with 2 series, *Glabratae* and *Pilosae*), *Tonduzia*, and *Dissuraspermum* (with 2 series, *Occidentales* and *Orientales*). *Ambloyocalyx* Bth. and *Tonduzia* Pittier are reduced to *Alstonia*. *Winchia* DC. is reinstated. *Paladelpha* n.g. is proposed (based on *Alstonia angustiloba* Miq.). *Blaberopus* DC. is reinstated.

Pichon, M.: Classification des Apocynacées. V. Cerberoidées (Not. Syst. 13 (1948) 212-229, 2 pl.).

Treated as a new subfamily with a key to the genera, generic descriptions and synonymy.

Pichon, M.: Classification des Apocynacées. VI. Genre 'Tabernaemontana' (Not. Syst. 13 (1948) 230-254).

The genus is subdivided in 8 subgenera, most possessing several sections each.

Pichon, M.: Classification des Apocynacées. VII. Le genre *Aspidosperma* (Bull. Mus. Hist. Nat. II, 19 (1947) 362-369).

Pichon, M.: Classification des Apocynacées. VIII. Les *Voacanga* d'Afrique (Bull. Mus. Hist. Nat. Paris II, 19 (1947) 409-416).

Mentions also Malaysian species in sect. 3. *Orchipeda* (syn. *Pootia*) which is subdivided in series *Longitubae* and *Brevitubae*.

Pichon, M.: Classification des Apocynacées. XV. Genres *Trachelospermum*, *Baissea* et *Oncinotis* (Bull. Mus. Hist. Nat. Paris II, 20 (1948) 190-197).

Baissea is divided into 4 sections, of which the first (*Afrobaissea*) is subdivided into 4 series.

Quisumbing, E.: The genus *Phalaenopsis* of the Philippines (Philip. Orch. Rev. 1 (1948) 4-9, 1 fig.).

The 7 Philippine spp. are described; no key.

- Quisumbing, E.: Philippine plants used for arrow and fish poisons (Philip.J.Sc. 77 (1947) 127-177).
General enumeration with extracted phytochemical literature; with lit.list.
- Reeder, J.R.: The Gramineae-Panicoideae of New Guinea (Journ. Arn.Arb. 29 (1948) 257-318, 4 pl.).
Essentially based on the collections of Brass, Carr, Clemens, and Kanehira & Hatusima specimens represented in U.S.A. herbaria. Keys to the tribes, genera and species; all species described. 7 new spp. are described and 5 new varieties. A future concordant revision of the Festucoideae is alluded to.
- Schlittler, J.: Unsere gegenwärtige Kenntnis über die Liliaceengattung Dianella in Malesien (Blumea 6 (1948) 200-228).
Result of the study of material additional to the author's monograph (1940). The spp. of subsect *Odorata* & *Sparsiflorae* intergrade; only two lineages occur in Malaysia viz *D. javanica* and *D. nemorosa* Lamk., the latter with numerous forms.
- Schröter, C.C. & L.G.M. Baas Becking: Eeuwfeest van de olie-palm in deze Archipel (Econ.Weekblad 14 (1948) 351-352, 1 fig.).
Discussion of the oldest *Elaeis* specimens in SE Asia which celebrate their centenary in the Botanic Gardens at Buitenzorg in 1948.
- Smith, A.C.: The families Illiciaceae and Schisandraceae (Sargentia 7 (1947) 1-224, 41 fig.).
An exhaustive treatment of the new family Illiciaceae comprising the genus *Illicium* (with 2 sections and 42 spp.), and Schisandraceae comprising *Schisandra* (4 sections and 25 species) and *Kadsura* (3 sections and 22 species). They are represented in Malaysia: *Illicium* 8 spp., *Schisandra* 2 spp., and *Kadsura* 10 spp. *Illicium evenium* King has been found to represent a *Ternstroemia*. *Illicium* occurs in the Philippines, Borneo, the Malay Peninsula and Sumatra; *Schisandra* only in Java and Sumatra and *Kadsura* throughout the archipelago except the Lesser Sunda Isl. and New Guinea. Unfortunately the material from the herbaria at Buitenzorg, Singapore and Leyden has not been examined. Most species appear to have a rather restricted range geographically.
- Smith, L.S.: The ligneous genus Endospermum Bth. (Euph.) in New Guinea (Proc.R.Soc.Queensl. 58 (1946) 51-60).

Steenis, C.G.G.J.van: Dr Pieter Buwalda. In memoriam (Bull. Bot. III Gard.Btzg III, 17 (1948) 377-380, portr.)

Steenis, C.G.G.J.van: Obituary notices (Bull.Bot.Gard.Btzg III, 17 (1948) 381-382).

Notes on the late Dr J.J.Smith and Dr H.Uittien.

Steenis, C.G.G.J.van: Miscellaneous botanical notes I (Bull. Bot.Gard.Btzg III, 17 (1948) 383-411, 2 fig.).

17 notes, dealing with *Impatiens* in Java, Javan *Eriaceae*, a new variety of *Anisomeles indica* in Bali, occurrence of stipulae in *Myricaceae* and *Aquifoliaceae*, the genus *Acanthophora* (Aral.), Malaysian *Aralia*, *Justicia*, a new sp. of *Hygrophila* (Acanth.), a new name in *Randia* (Rub.), new records for the Javan flora, ditto for Sumatra, note on *Moultonianthus* (Euph.), the genus *Disepalum* (Anon.), description of some Bornean *Apocynaceae*, reduction of some Philippine spp., provisional note on Malaysian *Sebastiania* (Euph.) and distribution of *Agyneia bacciformis* (Euph.).

Steenis, C.G.G.J.van: Miscellaneous botanical notes II (Blumea 6 (1948) 243-263).

An additional note on the synonymy of Malaysian *Lonicera*, a note on the genera of the *Saururaceae*, identity and distribution of 3 Mal. *Compositae*. Further a report on some useful plants from the island of Alor (near Timor) collected by Miss Cora du Bois, and a note on the date of publication of Blume's *Flora Javae*, *planches inédites* now it appears that they were offered for sale long before 1897.

Steenis, C.G.G.J.van: Dansera and Uittienia. New Malaysian genera of the Caesalp.-Cassiae allied to Dialium (Bull. Bot.Gard.Btzg III, 17 (1948) 413-419, 1 fig.).

Monotypic *Dansera procera* (Sumatra); and *Uittienia modesta* (Borneo); both trees are described.

Steenis, C.G.G.J.van: Malaysian species of Sophora (Legum.) (Bull.Bot.Gard.Btzg III, 17 (1948) 421-428).

5 species are recognized, a key and descriptions are given.

Steenis, C.G.G.J.van: The genus Arisaema in Java (Bull.Bot. Gard.Btzg III, 17 (1948) 447-456).

A discussion on the variability, distribution of sexes, a key to the 6 species and 1 variety recognized, and notes on the species.

Steenis, C.G.G.J. van: Revision of Symplocos sect. Cordyloblaste (Symploc.) (Bull. Bot. Gard. Btzg III, 17 (1948) 429-446, 2 fig.).

21 spp. described are reduced to 4, and 1 new species is recognized; a key and descriptions are given, specimens are enumerated and a distributional map is produced.

Steenis, C.G.G.J. van: Remarks on some generic names used for Malaysian Phanerogams I (Bull. Bot. Gard. Btzg III, 17 (1948) 457-464).

Identity of *Craterianthus* Val., *Goniostoma* Elm., *Orescia montana* Reinw., *Angiopetalum* Reinw., *Beloanthera* Hassk., *Cyclandrophora* Hassk., *Heptoneureum* Hassk., *Sorindeja glaberrima* Hassk., *Campanulopsis* Z.M., *Rhynchocarpa* Back. non al.; nomenclatural notes on *Endospermum* Bth., *Oxymitra* Hook. f. & Th., *Hornschuchia* Nees, *Hosea* Ridl., *Shuteria* W. & A., *Cyrtandropsis* Lautb., *Nymanina* S.O. Lind., *Hasskarlia* Meissn., *Jung-huhnia* R.Br., *Paracelsea* Z.M.; distributional notes on *Taraxacum* & *Petasites*.

Thomas, J.B.: Over het verbend tussen de atmosferische vochtigheidstoestand en het watergehalte van het baardmos (*Usnea barbata*) (Vakbl. v. Biol. 27 (1947) 186).

Dead and living material show no appreciable difference in water content.

Tjio, Joe Hin: The somatic chromosomes of some tropical plants (Hereditas 34 (1948) 135-146).

Root chromosomes of 59 spp. belonging to 29 genera and to 21 families have been counted and studied. Material belongs to tropical plants; part of it was obtained from Java, the others mostly from pot plants in Scandinavian greenhouses.

Tjio, Joe Hin: Notes on nucleolar conditions in *Ceiba pentandra* (Hereditas 34 (1948) 204-208).

$2n=88$ is found in both *C. pentandra* and "*C. occidentalis*". With the latter is probably meant *C. pentandra* var. *caribaea* (DC.) Bakh. - Ed.

Toxopeus, H.J.: Notes on the effect of colchicine treatment of *Hibiscus sabdariffa* and *H. cannabinus* (Genetica 24 (1948) 330-332).

Experiments on artificial doubling of the chromosomes.

Tryon, R.M.: Revision of the genus *Pteridium* (Rhodora 43 (1941) 37-67).

Many varieties are distinguished.

- Verhaar, G.: Chemical composition of the fruits of Dialium indum L. (Chron.Nat. 104 (1948) 71-73).
Fruit pulp contains tartaric acid but through its low content it is less suitable than Tamarindus.
- Voogd, C.N.A.de: De boskulturen van Janlapa (Tectona 39 (1948) 63-76).
Contains notes on the composition of a secondary growth in W Java and reforestation.
- Vos, H.C.C.A.A.: Germination of cacao pollen (Chron.Nat.104 (1948) 99-101).
Experiments of artificial germination of pollen in Java no male sterility or defective pollen was found.
- Wagner, W.H. & D.F.Grether: Pteridophytes from Guam (Bern. P.Bish.Mus., Occas.Pap.19 (1948) no 2, 25-99, 11 fig.).
Essentially based on collections made during the war; 57 spp. are mentioned belonging to 36 genera; 10 spp. are new to the island; ample discussions.
- Westermann, J.H.: Fauna en natuurbescherming in Nederlandsch Nieuw Guinea (Meded.Ned.Comm.v.Intern.Natuurbescherm. no 13 (1947) 7-107, ill., 1 map).
Extensive discussion on the preservation of wild life in New Guinea.
- Whelden, R.M.: A note on a Chara new to the Philippine Islands (Farlowia 3 (1947) 67-71, 1 pl.)
Chara australis is described.
- White, C.T.: A new species of Austrobaileya (Austrobaileya-aceae) from Australia (Journ.Arn.Arb. 29 (1948) 255-256).
2nd sp. of the interesting genus.