



Reductions of the Wallichian Herbarium.: II Gesneraceae

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- "Satyrium, Impatiens. I think they would all 'like to go into "the ark for to get out of the rain.'
- "I got two diminutive Utricularias in moss, one at Jorpokri "(lilac) and one on Sabarkum and the summit of Singlela (white). "I found plenty of my Swertia tonglensis on Tonglu and "Kalipokri. I found a new form at Jorpokri, something like S. "Dalhousieana but not it.
- "The bees I collected visiting flowers I cannot name. It strikes "me that they are very ill known. A very handsome yellow"ringed fellow goes to *Impatiens arguta*. Aconite is much
 "visited by them. The long-tubed Composites get the visits of
 "the long-tongued flies of the genus Vollucella. I caught one of
 "these flies and measured its tongue, which stretched to 22 mm.;
 "most likely the insect can suck honey from a tube 18 mm. long
 "which is just what the largest *Bombus hortorum* can do in
 "England. The bees of Sikkim go to work in the rain, which
 "is what English bees do not."

XX.—REDUCTIONS OF THE WALLICHIAN HER-BARIUM.—II. GESNERACEAE.

C. B. CLARKE.

GESNERACEAE.

- 407. Wulfenia obliqua, Wall. (2 sheets) = RHYNCOGLOSSUM OBLIQUUM, Blume, var. PARVIFLORA, C. B. Clarke.
- 408. Wulfenia intermedia, Wall. (2 sheets)=RHYNCOGLOSSUM OBLIQUUM, Blume.
- 409. Wulfenia Notoniana, Wall. (1 sheet) = KLUGIA NOTONIANA, A. DC.
- 777. Didymocarpus punduana, Wall. (1 sheet), is good.
- 778. Didymocarpus Rottleriana, Wall. (3 sheets), is good.
- 779. Didymocarpus crinita, Jack (1 sheet), is good.
- 780. Didymocarpus frutescens, Jack (2 sheets), is good.
- 781. Didymocarpus cordata, Wall. (1 sheet), is good.
- 782. Didymocarpus subalternana, Wall. (2 sheets), is good.
- 783. Didymocarpus macrophylla, Wall. (3 sheets), type sheet is good; sheet 784 β = DIDYMOCARPUS PEDICELLATA, R. Br.; sheet 784 γ is good.
- 785. Didymocarpus aromatica, Wall. (1 sheet), the chief part is good. The example in late fruit, in the right hand lower corner of the sheet, marked by D. Don in his own hand as the type of his D. plicata, is D. MACROPHYLLA, Wall. (as stated by R. Br.).

- 786. Didymocarpus obtusa, Wall (1 sheet) = DIDYMOCARPUS CINEREA, D. Don.
- 787. Didymocarpus reptans, Jack (1 sheet), is good.
- 788. Didymocarpus? hamosa, Wall. (3 sheets); type sheet, sheet 788 β = CHIRITA HAMOSA, R. Br.; sheet 788 γ = CHIRITA HAMOSA, R. Br.? var. FINLAYSONI, C. B. Clarke.
- 789. Didymocarpus? helioteroides, Wall. (1 sheet) = BAEA WALLICHII, R. Br.
- 790. Didymocarpus mollis, Wall. (1 sheet), is good.
- 791. Didymocarpus lanuginosa, Wall. (1 sheet), is good.
- 792. Didymocarpus conchorifolia, Wall. (1 sheet), is good.
- 793. Didymocarpus? multiflora, Wall. (1 sheet) = BAEA MULTIFLORA, R. Br.
- 794. Aeschynanthus bracheata, Wall. (2 sheets), is good.
- 795. Aeschynanthus longiflora, Wall. (1 sheet) = AESCHYNAN-THUS SUPERBA, C. B. Clarke.
- 796. Aeschynanthus parasitica, Wall. (3 sheets); type sheet

contains 3 plants, viz.:—
Upper left hand marked X = AESCHYNANTHUS MACULATA, Lind.

Upper right hand marked Y = AESCHYNANTHUSGRANDIFLORA, Spreng.

At the bottom marked Z = AESCHYNANTHUS MICRANTHA, C. B. Clarke.

Sheet 796 β contains 2 plants, viz.:—

Upper left hand marked M = AESCHYNANTHUSGRANDIFLORA, Spreng.

Upper right hand marked N = AESCHYNANTHUSMACULATA, Lindl.

Sheet 796 γ = AESCHYNANTHUS GRANDIFLORA, Spreng.

- 797. Aeschynanthus fulgens, Wall. (1 sheet), is good.
- 798. Aeschynanthus radicans, Jack (2 sheets), type sheet = AESCHYNANTHUS WALLICHII, R. Br.; second sheet = AESCHYNANTHUS GRIFFITHII, R. Br.
- 709. Aeschynanthus ramosissima, Wall. (1 sheet), is good. (This is marked by D. Don in his own hand as his Trichosporum parviflorum.)
- 800. Calosacme grandiflora, Wall. (2 sheets) = CHIRITA VERTICAEFOLIA, Buch.-Ham.
- 801. Calosacme flava, Wall. (1 sheet) = CHIRITA PUMILA, D. Don.
- 802. Calosacme acuminata, Wall. (3 sheets); type sheet, sheet 802 β = Chirita acuminata, R. Br.; sheet 802 γ = DIDYMOCARPUS ACUMINATA, R. Br.

- 803. Calosacme dimidiata, Wall. (1 sheet) = CHIRITA DIMIDIATA, R. Br.
- 804. Calosacme polycarpa, Wall. (3 sheets) = LYSIONOTUS SERRATA, D. Don.
- 805. Calosacme macrophylla, Wall. (2 sheets) = CHIRITA BIFOLIA, D. Don.
- Sheet found next n. 806, marked "Amongst the Didymocarpeae n. 34, see Notes" = Rubiacea (very badly preserved).
- 807. Cyrtandra frutescens, Jack (3 sheets), type sheet contains 2 plants, viz.:—

 Left hand = CYRTANDRA DECURRENS, De Vriese.

 Right hand = CYRTANDRA DISPAR, DC.
 - Sheet 807 β = CYRTANDRA DECURRENS, De Vriese; sheet 807 γ = CYRTANDRA DISPAR, DC.
- 808. Cyrtandra? acuminata, Wall. (2 sheets) = CYRTAN-DROMAEA ACUMINATA, Benth. et Hook. f.
- —— Sheet found next 808 marked "Chelone? latifolia, Goyalpara," by Buch.-Ham. = RHYNCOTECHUM LATIFOLIUM, Hook. f. & T. Thoms.
- 809. Loxonia? alata, Wall. (1 sheet) = DIDYMOCARPUS INCANA, Benth. et Hook. f.
- 4410. Platystemma violoides, Wall. (1 sheet), is good.
- 4411. Platystemma majus, Wall. (1 sheet), = Platystemma VIOLOIDES, Wall.
- 6394. Glossanthus malabarica, Klein (2 sheets) = Klugia Notoniana, A. DC.
- 6395. Glossanthus? grandiflora, Benth. (1 sheet) = STAURAN-THERA GRANDIFLORA, Benth. (errore typogr. Stauranthera grandifolia).
- 6395. Didymocarpus Missionis, Wall. (1 sheet), is good.
- 6397. Aeschynanthus acuminata, Wall. (1 sheet), is good.
- 6411. Corysanthera elliptica, Wall. (1 sheet) = RHYNCOTECHUM ELLIPTICUM, A. DC.
- [7131]. Cyrtandra? lanuginosa, R. Br. (1 sheet) = ISANTHERA PERMOLLIS, Nees (but the sheet is without any Wallichian ticket or number).
 - 7495. Cyrtandracea (1 sheet) = SYLVIANTHUS BRACTEATA, Hook. f., inter Rubiaceas.
- [9073]. Isanthera permollis, Nees. This number is wholly missing in the Wallichian Herbarium, but the duplicate sheet of this number at Kew is good.

- [9079]. Rhyncotechum? (1 sheet), contains 2 plants, viz.:—

 a. Upper = Baeica filiformis, C. B. Clarke.
 b. Lower = Baeica Griffithii, C. B. Clarke.
 (This sheet was found without Wallichian number or label. I have placed it under 9079 because the duplicate sheets of that number at Kew contain Baeica
- [9080]. Epithema?. Number wholly missing in the Wallichian Herbarium. The duplicate sheet of n. 9080 at Kew = EPITHEMA CARNOSUM, Benth.

filiformis and B. Griffithii.)

XXI.—ADDITIONS TO THE WILD FAUNA AND FLORA OF THE ROYAL BOTANIC GARDENS, KEW: II.

The appearance of "The Wild Fauna and Flora of the Royal Botanic Gardens, Kew," which was referred to in the Bulletin for 1906, p. 42, has been followed by the receipt of numerous letters, some of them critical as to matters of detail, but all of them in accord as to the debt of gratitude due to Sir W. T. Thiselton-Dyer for the happy thought which inspired and the perseverance which, in spite of many difficulties, brought to a successful issue the preparation of the work. It is particularly gratifying to be able to add that neither those whose allusions are merely appreciative nor those whose remarks take the form of welcome, because justifiable, criticism have shown any desire to rest content with mere comment. To some the work bids fair to prove an inspiration to prepare for other localities a corresponding record; to others, and this more immediately concerns us, it has suggested the idea that the way in which they can most practically show their appreciation of what has already been done is to endeavour to supplement it. Simultaneously with the appearance of the work itself, the first addition to the wild fauna and flora of Kew appeared in the Bulletin (New and Additional Species of Fungi occurring in the Royal Botanic Gardens, Kew: K. B., 1906, p. 46), and it is proposed to place on record from time to time the results obtained by the willing workers who are engaged in the study of the various natural groups dealt with in the original work. present note, which deals with the Coccids or Scale Insects, is therefore the second of a series of supplementary articles, the contents of which may, it is hoped, at a later date be incorporated in a revised edition of the original work.

HEMIPTERA-HOMOPTERA.

COCCIDAE (Scale Insects).

R. NEWSTEAD.

This supplementary list of the Coccids includes but a single species that is new to the Kew fauna, but the list of food plants has been considerably augmented, and from this point of view