

## ADDITIONS TO THE CHECKLIST OF FLOWERING PLANTS OF SAYAP-KINABALU PARK, SABAH

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### ABSTRACT

*A list is provided of 55 additional taxa of flowering plants collected at Sayap, not reported by Latiff et. al. in the preceding paper. Seven families are listed that are not included in their list. Also included here are three families of ferns with five species*

### INTRODUCTION

We did not participate in the Sayap expedition, but in 1984 we made 76 collections there in the course of visits on 22 April and 19-20 May. Because these collections represent for the most part taxa not obtained during the Sayap expedition, they are appended here. Our collections represent 28 families of flowering plants, which include 54 completely determined taxa (some not yet published) and nine that are incompletely determined. These collections include seven families and 55 species, subspecies and varieties of flowering plants not recorded by Professor Latiff and colleagues in the preceding paper. Only seven species we collected were also obtained by them. We also include here five fern species in three families, which represent the rest of our vascular plant collections from the Sayap area.

The small amount of overlap in the Latiff collections and ours may have resulted in part from the different collecting times involved. More species common to both collections may also be found when the expedition collections and ours are more completely identified. However, it is likely that the great difference in the two collections reflects the tremendous richness of the Kinabalu flora in general and of the Sayap area in particular. Undoubtedly, further expeditions will be able to add many more species to the list. A detailed map of the Sayap area was not available to us in 1984. The label locality given for the five collections we made on 22 April is "Near Sayap on NW side of Mt. Kinabalu, ca 30 km SE of Kota Belud." For those made on 19-20 May the label indicates "S of Sayap on NW side of Mt. Kinabalu, ca 30 km SE of Kota Belud." For all our collections the latitude-longitude coordinates are indicated as 6° 11'N, 116° 34'E. The collections from 22 April come from slightly above the top margin of the map provided by Latiff *et al.* (i.e. closer to the center of Sayap than that map shows) Those from 19-20 May are from within the top half of the map and relatively close to the Wariu River.

**CHECKLIST****ACTINIDIACEA**

*Saurauia subcordata* Korth.

Elev. 800-1000m. *J.H Beaman with R.S. Beaman, T.E Beaman & P.Decker 9776.* Elev. 800-1000m *J.H. Beaman with R.S Beaman, T.E Beaman & P. Decker 9800.*

*Saurauia* sp

Elev. 800-1000m. *J.H. Beaman with R.S. Beaman, T.E Beaman & P. Decker 9749.*

**ANACARDIACEAE**

*Semecarpus bunburyanus* Gibbs

Elev. 700m. *J.H Beaman with R.S. Beaman & L. Besse 9464*

**ANNONACEAE**

*Goniothalamus clemensii* Ban

Elev. 800-1000m. *J.H. Beaman with R.S. Beaman, T.E.Beaman & P. Decker 9752.* Elev. 800-1000m. *J.H. Beaman with R.S Beaman, T.E Beaman & P. Decker 9801.*

*Goniothalamus fasciculatus* Boerl.

Elev. 800- 1000m. *J.H. Beaman with R.S Beaman, T.E Beaman & P.Decker 9748.*

**Mitrephora** sp. n. (aff. *M.maingayi* Hook. f. & Thomson) = *Haviland* 1311

Elev. 800-1000m. *J.H Beaman with R.S. Beaman, T.E. Beaman & P. Decker 9753.*

*Polyalthia insignis* (Hook. f.) Airy-Shaw

Elev. 800-1000m. *J.H Beaman with R.S. Beaman, T.E. Beaman; & P. Decker 9751.*

**ARACEAE**

*Homalomena propinqua* Schott

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E. Beaman & P. Decker 9768.*

*Schismatoglottis calyptrata* (Roxb.) Zoll & Moritzi

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9769*

*Scindapsus curranii* Engl.

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9802.*

*Scindapsus perakensis* Hook. f.

Elev. 800-1000m *J.H Beaman with R.S Beaman, T.E. Beaman & P. Decker 9799*

## ARALIACEAE

*Schefflera mitragera* Frodin sp. n. (MS)

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9757.

## ASPLENIACEAE

*Asplenium borneense* Hook.

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E. Beaman & P. Decker 9809.

*Asplenium normale* D. Don

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9808.

## BEGONIACEAE

The species numbers indicated below are those of Martin Sands.

*Begonia* sp. 13

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9772.

*Begonia* sp. 40

Elev. 800-1000m. J.H. Beaman with R.S. Beaman, T.E. Beaman & P. Decker 9791.

*Begonia* sp. 66

Elev 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9747.

## COMMELINACEAE

According to Dr. Robert Faden the correct name for the genus *Forrestia* (the name used by Latiff et al. ) is *Amischatolype*.

*Amischatolype glabrata* (Blume) Hassk.

Elev. 800-1000m J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9759.

*Amischatolype marginata* (Blume) Hassk.

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9754

*Amischatolype* sp.

Elev. 800-1000m. J.H. Beaman with R.S Beaman, T.E Beaman & P. Decker 9803

*Pollia secundiflora* (Blume) Bakh. f.  
Elev. 700m *J.H Beaman* with *R.S. Beaman & L. Besse* 9461

## EUPHORBIACEAE

*Alchornea borneensis* Pax & Hoffm.?  
Elev. 700m *J.H Beaman* with *R.S Beaman & Libby Besse* 9463

*Antidesma neurocarpum* Miq.  
Elev. 800-1000m *J.H Beaman* with *R.S Beaman, T.E Beaman & P. Decker* 9784.

*Antidesma tomentosum* Blume var. *tomentosum*  
Elev. 800-1000m. *J.H Beaman* with *R.S Beaman. T.E Beaman & P. Decker* 9756.

## FAGACEAE

*Lithocarpus porcatus* Soep.  
Elev. 800-1000m. *J.H Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9794.

## GESNERIACEAE

*Cyrtandra elatostemoides* Elmer  
Elev 800-1000m. *J.H. Beaman* with *R.S Beaman, T.E. Beaman & P.Decker* 9790.

*Didymocarpus violoides* C. B. Clarke  
Elev. 800-1000m *J.H Beaman* with *R. S Beaman, T.E Beaman & P.Decker* 9745.

## GRAMMITIDACEAE

*Prosaptia alata* (Blume) Christ  
Elev. 800-1000m. *J.H Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9810.

## LAURACEAE

*Cryptocarya* sp.  
Elev. 800-1000m. *J.H Beaman* with *R.S Beaman, T.E. Beaman & P.Decker* 9750.

## LEEACEAE

*Leea indica* (Burman f.) Merr.

Elev. 800-1000m. J.H. Beaman with R.S Beaman, T.E Beaman & P. Decker 9766.

## MELASTOMATACEAE

*Driessenia microthrix* Stapf var. *microthrix*

Elev. 800-1000m. J.H Beaman with R.S. Beaman, T.E. Beaman & P. Decker 9795.

*Medinilla alternifolio* Blume

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9794.

*Sonerila* sp.

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9793.

## MENISPERMACEAE

*Stephania corymbosa*(Blume) Walp.

Elev. 800-1000m J.H Beaman with R.S. Beaman, T.E. Beaman & P. Decker 9760

## MORACEAE

*Ficus lepicarpa* Corner

Elev. 700-0m. J.H Beaman with R.S Beaman & Libby Besse 9460

*Ficus midotis* Corner

Elev. 800-1000m. J.H Beaman with R.S Beaman, T.E. Beaman & P. Decker 9763.

*Ficus sinuata* Thunb. subsp. *cuspidata*(Reinw. ex Blume) Corner

Elev 800- 1000m J.H.Beaman with R.S. Beaman, T.E Beaman & P. Decker 9775

## MYRSINACEAE

*Ardisia polyactis* Mez

Elev 800-1000m. J.H. Beaman with R.S. Beaman, T.E Beaman & P.Decker 9765.

*Ardisia virens* Kurz

Elev 800-1000m J.H Beaman with R.S. Beaman, TE Beaman & P. Decker 9764

## ORCHIDACEAE

*Apostasia odorata* Blume

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9792*

*Appendicula foliosa* Ames & C. Schweinf.

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9782.*

*Coelogyne swaniana* Rolfe

Elev. 800-1000m. *JH Beaman with R.S. Beaman, T.E. Beaman & P.Decker 9781.*

*Epipogium roseum* (D. Don) Lindley

Elev 800- 1000m *J.H Beaman with R.S. Beaman, T.E Beaman & P.Decker 9812.* Elev  
800-1000m *J.H Beaman with R.S Beaman, T.E. Beaman & P.Decker 98 13*

*Tropidia pedunculata* Blume

Elev. 800- 1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9789.*

## PIPERACEAE

*Piper korthalsii* Miq.

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9814.*

*Pothomorphe peltata* (L.) Miq.

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E. Beaman & P. Decker 9755.*

## POLYGALACEAE

*Polygala* sp.

Elev. 800-1000m *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9804.*

## POLYPODIACEAE

*Microsorium sarawakense* (Baker) Holttum

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E. Beaman & P.Decker 9806*

*Pyrrosia albicans* (Blume) Ching

Elev. 800- 1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9807.*

## RUBIACEAE

*Argostemma hameliifolium* Wernh.

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E. Beaman & P.Decker 9811.*

*Hedyotis capitellata* Wallich

Elev. 800-1000m. *J.H Beaman with R.S. Beaman, T.E. Beaman & P.Decker 9778.*

*Ixora urophylla* Bremek.

Elev. 800-1000m. *J.H. Beaman with R.S Beaman, T.E Beaman & P.Decker 9746.*

*Myrmeconuclea stipulacea* Ridsd.

Elev. 800-1000m. *J.H Beaman with R.S. Beaman, T.E Beaman & P.Decker 9770.*

*Praravinia* sp. 2

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9798.*

*Psychotria iteophylla* Stapf

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P. Decker 9796.*

*Genus undetermined*

Elev. 800-1000m *J.H Beaman with R.S Beaman. T.E Beaman & P.Decker 9767.* Elev.

800-1000m *J.H. Beaman with R.S Beaman, T.E Beaman & P. Decker 9788*

## SABIACEAE

*Meliosma sumatrana* (Jack) Walp.

Elev. 800-1000m. *J.H. Beaman with R.S Beaman, T.E Beaman & P. Decker 9785.*

## SOLANACEAE

*Lycianthes biflora*(Lour.) Bitter

Elev. 800-1000m. *J.H Beaman with R.S Beaman, T.E Beaman & P.Decker 9780.*

## STERCULIACEAE

*Sterculia stipulata* Korth var. *trichopetiolata*(Merr.) Tantra

Elev. 800-1000m. *J.H. Beaman with R.S Beamon, T.E. Beaman & P.Decker 9786.*

## TILIACEAE

*Grewia* sp.

Elev. 800-1000m. *J.H. Beaman* with *R.S Beaman, T.E. Beaman & P.Decker* 9771.

*Genus undetermined*

Elev 800-1000m. *J.H. Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9777

## URTICACEAE

*Dendrocnide oblanceolata* (Merr.) Chew

Elev 800-1000m *J.H. Beaman* with *R.S Beaman, T.E. Beaman & P.Decker* 9779

*Elatostema kabayense* (Gibbs) Schroeter

Elev 800-1000m. *J.H Beaman* with *R.S Beaman, T.E. Beaman & P.Decker* 9783

*Elatostema winkleri-huberti* Hilde Schroeter ?

Elev 800-1000m *J.H Beaman* with *R.S Beaman, T.E Beaman & P Decker* 9758

*Oreocnide trinervis* (Wedd.) Miq.

Elev. 700m *J.H Beaman* with *R. S Beaman & Libby Besse* 9462 Elev. 800-1000m *J.H Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9774

## VERBENACEAE

*Clerodendrum* sp. n ?

Elev. 800-1000m. *JH Beaman* with *R.S Beaman, T.E Beaman & P. Decker* 9787 Elev 800-1000m. *J.H Beaman* with *R.S Beaman, T.E. Beaman & P. Decker* 9797

## VITACEAE

*Cayratia geniculata* ( Blume) Gagnepain

Elev. 800-1000m *J.H. Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9762

*Tetrastigma dubium* (Hook. f.) Planchon

Elev. 800- 1000m *J.H Beaman* with *R.S Beaman, T.E. Beaman & P.Decker* 9761.

## ZINGIBERACEAE

*Globba tricolor* var. *gibbsiae* (Ridley) R. M. Smith

Elev 800-1000m. *J.H Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9805.

FAMILY UNDETERMINED

Elev 800-1000m *J.H Beaman* with *R.S Beaman, T.E Beaman & P.Decker* 9773

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