

Sumatra collections, Yates Bartlett & Hamel,
Rahmat Si Toroes, etc.

Y = Yates
B = Bartlett
R. = Rahmat Si Toroes
H. & R. = Hamel & ~~Rahmat~~ Si Toroes

Oleaceae:

- 777 H. & R. *Linociera pubipaniculata* Merr. n. sp.
371 R. *Jasminum multipetalum* Merr. n. sp.
1388 Y *Jasminum crassum* Merr. n. sp.
7591 B *Linociera calophylla* Blume ? (no good fls), leaves
narrow for Blume's species
1811 Y *Jasminum insigne* Blume (not *crassifolium* Bl.)
1431 R *Jasminum* sp.; no corollas.
7232 B *Jasminum* sp. apparently near *maingayi* Clarke; no mature
fls.
1815, 1384, 2094 Y *Ligustrum robustum* Blume
2475 Y *Jasminum* cf. *multiflorum* Andr.

Malpighiaceae:

- R. 1507 *Aspidopteris tomentosa* (Bl.) Juss. Good fruiting
material, when received, may show this to be separable;
the specimen with buds only.
B. 8725a, Y 1991 *Hiptage bengalensis* (Linn.) Kurz (H. ma-
dablota Gaertn.)

Onagraceae:

- R. 1093, Y 2536 *Jussiaea peruviana* Linn. (*J. speciosa* Ridl.!)
R. 1278 *Jussiaea linifolia* Vahl

Oleaceae:

- B 6988 *Ochlanostachys amentacea* Mast
B 7638 *Anacalosa frutescens* Blume
B 8164 *Erythrolamum scandens* Blume; narrow leaved form

Opiliaceae:

- R 305 *Champereia manillana* (Blume) Merr. (*C. griffithii*
Hook. f.) I can see little or no reason for distin-
guishing two species here
R 1319 *Opilia amentacea* Blume, apparently rather than *Cansj-*
era)
Y 1482 *Opiliaceae* ?; might be *Santalaceae*; fls needed.

Gramineae: (I have very few numbers from the Bartlett-Rahmat
collections; here are a few, unnamed in my lot:

- R 263 *Sphaerocaryum pulchellum* (Roth.) Merr
H & R. 741 *Pollinia laxa* Nees ?
H. & R. 743 *Digitaria timorensis* (Kth.)
R. 1053 *Panicum luzoniense* Presl
R. 387 *Panicum patens* L. (the form often called *P. carinatum*
Presl)
B. 6882 *Schizostachyum lumampao* (Blanco) Merr or very near
Y. 1121 *Oryza ridleyi* Hook. f.
H. & R. *Oryza officinalis* Wall. (*O. latifolia* Hk. f., non
Desv.)
T. 180 *Rottboellia* sp

Scrophulariaceae:

- R. 1395, B. 7767 *Torenia flava* Ham.
R. 196 *Lindernia crustacea* (L.) F. Muell
B. 7922 *Lindernia cordifolia* (Colsm.) Merr. (*Vandellia*
pedunculata Benth.)
H. 1147 R. 329, Y 2311 *Limnophila chinensis* (Osb.) Merr.
(*L. villosa* Bl.; *L. hirsuta* Ham.)

Sumatra- 2.

- R. 1396 *Adenosma javanicum* (Bl.) Koord
 B. 7860, 7523, H. & R. 726, Y. 1461 *Buchnera cruciata* Ham.
 (B. *sumatrana* Miq. is apparently the same).
 R. 1106, H. 1096 *Artanema angustifolium* Benth.
 B. 7764 *Adenosma bilabiatum* (Roxb.) Merr.
 R. 1332, Y. 1230 *Ilysanthes serrata* (Roxb.) O. Ktz.
 B. 7736, Y. 1224 *Ilysanthes ciliata* (Koen.) O. Ktz.
 Y. 2172, 2653 *Wightia, ottlanderii* Van Steenia, vel aff. (prob
 in undet or in undet Bignoniaceae).
 H. 1031 *Picria fel-terrae* Lour. !! (*Curanga amara* Juss.!)
 A poor scrappy specimen, named by taste; bite it!
 B. 7724 *Scoparia dulcis* L.

LOGANIACEAE:

- Y. 2587 *Fagraea acuminatissima* Merr.; new to Sumatra.
 R. 21, 1478, 1075, B. 8702 *Fagraea racemosa* Jack.
 R. 1346, 1406 *Fagraea teysmannii* Camell.; new to Sumatra.
 Y. 1583, 2201 (or 2207?), B. 8324, 8041, 7876, 7479 *Fagraea elliptica*
 Roxb. (*F. speciosa* Bl.)
 R. 1290 *Strychnos axillaris* Wall.
 B. 7537, 8044 *Geniostoma arboreum* (Bl.) O. Ktz.

BURMANNIACEAE:

- B. 7926, *Burmannia disticha* Linn.

RUTACEAE:

- B. 7603, R. 277 *Evodia latifolia* DC.
 B. 8600, sterile; *Citrus aurantium* L. with little doubt.
 R. 1388, 1388a *Clausena*; not matched; specimens very poor.
 H. 1539, B. 6463, 8430 *Clausena excavata* Burm. f.
 Y. 1837, 1344, B. 8419, 8733, 8256, H. 1170 *Micromelum pubescent* Bl.
 retained by Tanaka as distinct from the older M.
minutum (Forst.) Seem.
 B. 7190, 8451 *Merrillia caloxylon* (Ridl.) Swingle; the genus is new
 to Sumatra.
 R. 1531 *Paramignya andamanica* (King) Tanaka; new to Sumatra.
 B. 8663 *Evodia speciosa* Rchb. f. & Zoll.; new to Sumatra.

ALANGIACEAE:

- B. 8703 *Alangium chinense* (Lour.) Rhed. supsp. *tomentosum* (Bl.)
 (possibly mixture of labels or numbers, your label gives
 the preliminary ident. as *Fagraea racemosa* Jack).

CONVOLVULACEAE:

- R. 356 *Jacquemontia tomentella* (Miq.) Hallier f.
 R. 1330, B. 8159 *Merremia peltata* (L.) Merr.
 H. 1058 *Ipomoea gracilis* R. Br. (*I. denticulata* Choisy)
 H. 1098 *Anisaea martinicensis* (Jacq.) Choisy
 R. 1532 *Merremia gemella* Hallier f.
 B. 9070 *Merremia hastata* Hallier f.
 B. 7088, 7600, 6665, Y. 2253 *Erycibe tomentosa* Blume

CELASTRACEAE:

- T. 1492, safely *Celastraceae*, and probably *Lophopetalum*; material
 very poor.
 R. 7653, safely *Celastraceae*, and probably *Glyptopetalum*; only very
 young buds.
 T. 214, 375 *Microtropis sumatrana* Merrill n.sp.
 B. 5690, 7510 *Perrottetia alpestris* (Bl.) Loesen. (also 5892 - *Rohmetia* Boerha)
 B. 6864 *Celastrus malayensis* Ridl.

HYDROPHYLLACEAE:

- B. 6563, Y. 2022 (as *Brookea*? *Scroph.*?) is *Wigandia kunthii* Choisy,
 native of Mexico. Bartlett: Was this cult. or
 naturalized?

Campanulaceae:

- R. 61 *Pentaphragma integrifolium* Merr. var. *longipetiolatum* Merr
n. var.
B. 7495 *Pentaphragma bartlettii* Merr. n. sp.
B. 7572, 6737, 6630, Y 2597 *Pentaphragma integrifolium* Merr.
n. sp.
B. 8625 *Pratia montana* (Bl.) Hassk
B. 6513 " " " "
B. 7497 *Pratia nummularia* (Lam.) Kurz.
H. & R. 763 *Campanumoea lancifolia* (Roxb.) Merr. (*C. axillaris*
Oliv.)

Casuarinaceae:

- B. 8561 *Casuarina equisetifolia* Forst
B 9051, 7493 *Casuarina sumatrana* Miq.

Boraginaceae:

- B. 8735 *Tournefortia tetrandra* Bl. (*T. zollingeri* Miq.)

Caprifoliaceae:

- B. 7735 *Lobelia succulenta* Blume (*L. affinis* Wall.)
B. 6483 *Viburnum cylindricum* Ham. (*V. coriaceum* Bl.)
B. 8033 *Viburnum*, apparently near *cylindricum* Ham.; fls needed
B. 7475, 7440 *Viburnum cylindricum* Ham. var. with small leaves,
but fls may show it to be specifically distinct
R 1480, Y 2535, 2524 *Viburnum sambucinum* Bl. var. *tomentorum* ~~Hx~~
Hallier f. (*V. sumatranum* Miq.)
B 8160, R 1345, 340, 218, B 7849, 8071 *Viburnum sambucinum* Bl.
B 8039, 7478 *Lonicera pulcherrima* Ridl.

Capparidaceae:

- B. 7826 *Capparis*; indeterminate from the fragmentary, incom-
plete specimen; no good fls, and method of attachment
not shown
R. 1418 *Cleome ciliata* Schum & Thom; native of tropical
Africa, but also naturalized at Penang and Singapore, but
not in Ridely's Flora.

Cruciferae:

- B. 6573 *Cardamine africana* var. *bobornica* (Pers) O. Schulz
(*C. javanica* (Bl.) Miq.)

Cucurbitaceae:

- R. 1533 *Gymnopetalum cochinchinense* (Lour.) Kurz.
R. 1427 *Melothria javanica* (Miq.) Cogn
B. 7228, Y. 1249 *Melothria gracilipes* Merr. n. sp.
B 8702a *Bartlettia sumatrana* Merr. n. gen. n. sp.

Compositae: (Here I have included only those numbers where additions
or corrections are made; where there is no change in the origin-
al determination, the numbers are not cited)

- B 7661 *Erechtites hieracifolia* Raf.
H. & R. 751 *Sonchus oleraceus* Linn
H. & R. *Senecio araneosus* DC. as far as I can tell from the
old specimen, no flowers and no achenes
Y 2455 *Senecio korintjiana* Boerl
B. 7505 *Gynura procumbens* (Lour.) Merr. but with narrow
leaves and apparently somewhat larger heads than in the
typical form. Better wait for additional collections
before attempting to separate this form
B. 7799, R. 1051, perhaps *Blumea barbata* DC.; the material is
not ample or satisfactory
R 1267 *Vernonia cinerea* Less. a robust form
H. 1143 *Adenostemma lavenia* (L.) O. Ktze
H. & R. ~~xxx~~ B. 8336 *Anaphalis longifolia* DC
B. 7430 *Laggera alata* Schulz-Bip
B. 7868 *Microglossa volubilis* DC
R. 1333, Y. 1294 *Vernonia javanica* DC. *V. arborea* Ham. is
a "collective species" probably including several really

Compositae (cont.)

- H. 1010, R. 1036 *Eleutheranthera ruderalis* (Sw.) Schulz-Bip.
Naturalized from tropical America; occurs also in Java and
in Singapore, but is not in Ridley's Flora.

Clethraceae:

- Y 1285, 2348, B. 7890 *Clethra pubifolia* Merr.n.sp.
Y.1518 *Clethra pulcherrima* Ridl.!(an *C. sumatrana* J.J.Sm.)
B. 8312 *Clethra sumatrana* J.J.Sm.
B. 7394 *Clethra longipedicellata* Merr.n.sp.

Chloranthaceae:

- B. 8275 *Chloranthus officinalis* Blume (other numbers in this
genus are correctly named)

Commelinaceae:

- B 6844 *Pollia*, sp.indet; inadequate material, but probably
belongs in this genus
B. 6620, H. & R. 687, Y 1552 *Pollia aclisia* Hassk
R. 8 *Pollia thyrsiflora* (Bl.) Steud
B. 8414 *Pollia pumila* Hall.f
H. & R. 757 *Forrestia marginata* Hassk
B. 7707 *Forrestia irritans* Ridl
H. 1184 *Forrestia sumatrensis* Ridl
B. 6612 " "
H. 1057 *Commelina nudiflora* Linn
B. 6932 *Aneilema sinicum* Lindl
R. 1439 *Aneilema malabaricum* (L.) Merr.
B. 6563, and probably 7897 (poor specimen) *Aneilema protensum*
Wall.
B" 8592 *Commelina obliqua* Hassk.

Cyperaceae (correctly reported in earlier lists not included here)

- B. 8676, 8228, R.27 *Mapania humilis* (Hassk.) F.-Vill.
R. 275 *Mapania* sp.; a single detached immature head; insufficient
B. 6895 *Mapania* sp.; sterile
R. 102 *Mapania palustris* (Hassk.) F.-Vill.
B. 8049 *Fimbristylis* sp.
R. 255 *Fimbristylis monostachya* Hassk
H. 1196 *Fimbristylis* sp. indet; too immature.
B. 7204, R. 19 *Fimbristylis dura* (Z. ' & M.) Merr. (*F. asperrima*
Boeckl.)
B. 7668 *Fimbristylis* sp.; form of ~~*F. dura*~~ *F. dura* ?
H. 1133 *Fimbristylis annua* (All.) R. & S. (*F. diphylla* Vahl)
H. 1295 *Fimbristylis globulosa* Kth
B. 6833 *Pycnus globosus* L. var. *holosericeus* (Link) Merr.
R. 382 *Cyperus radiatus* Vahl
B. 8204 *Cyperus eleusoides* Kth ?
H. 1032 " " "
R 333 B. 8067 *Cyperus uncinatus* Poir
B. 8214 *Cyperus procerus* Rottb ?
R. 383 *Torulinium ferax* L.C.Richard
R. 72, B. 8221 *Cyperus diffusus* Vahl
B. 8363 *Cladium undulatum* Thw.
B. 7842, 7509a *Cladium latifolium* Merr. (*Vincentia malesica*
Stäpf.), depending on the generic concept
B. 6426, 7249 *Scleria sumatrensis* Retz
H. 1126, R 1400, ~~B. 7942~~ *Scleria terrestris* (Linn.) Fass.
(*S. elata* Thw.) *B. 7942 Scleria hebecarpa* Nees
R. 327 B. 6422 *Scirpus mucronatus* Linn
R. 154 *Mariscus sieberianus* Nees
B. 7670, R. 271 *Kyllinga*; perhaps form of *K. cylindrica* Nees
R. 1331 *Lipkocarpa argentea* R.Br
B 6851 R 20, B 6753, R. 366 *Hypolytrum latifolium* L.C.Rich
B. 6481, H & R 756 *Carex baccans* Nees
B. 7791 *Carex rafflesiana* Boott B. 8503 *Gahnia javanica* Z. & M
July 17, 1932 EDM

Saxifragaceae:

- B 8610, H. & R. 746, Y 1519 *Dichroa cyanitis* Miq.
(not *D. febrifuga* Lour.).
B 7946, 7947 *Hydrangea oblongifolia* Blume

Solanaceae:

- B. 8215, H. 1242 *Solanum* (*Lycianthes*) *biflorum* Lour.
var. Bitter, who retains *Lycianthes* as a valid
genus would probably place this under some other
species because of the short calyx teeth.
H. & R. 679 *Solanum* (*Lycianthes*) sp; allied to *biflorum*,
the material very incomplete.
H. 1541 *Physalis* *angulata* Linn.
B. 8407 *Solanum* *indicum* Linn., a spineless or nearly
spineless form.

Simarubaceae:

- R. 1354, *Picrasma* K. I think, but only detached young
fls., no inflorescences, and an incomplete leaf.
B. 6788 *Picrasma javanica* Blume

Linaceae:

- B. 6883 I can suggest no other family, but the genus is quite unknown to me, fls necessary.

Aristolochiaceae:

- B. 7338, 7331 *Apama corymbosa* Solerader.

Lycopodiaceae:

- R. 1475 *Lycopodium phlegmaria* Linn.

Anacardiaceae:

- B. 7599 *Dracontomelum mangiferum* Blume
B. 8734 *Mangifera foetida* Lour.
Anac. indet. B. 7065 I do not know the genus and
cannot place it without fls.; safely Anacardaceae.

Amaranthaceae:

- B. 7366, 7663a *Cyathula prostrata* (L.) Bl.; but *Cyathula* Lour. is *Achyranthes* Linn.! Cambridge code proposes to hold up *Cyathula* Blume, non Lour. for this genus
- B. 6942 *Psilotrichum trichotomum* Blume

Ericaceae:

- B. 8019, 7991 *Diplycosia bartlettii* Merr.n.sp.
Y. 2452 *Diplycosia sumatransis* Merr.n.sp.
Y 1496, 2003, B 8646 *Rhododendron yatesii* Merr.n.sp.
B. 7998 *Rhododendron sumatranum* Merr.n.sp.
B. 8005 *Vaccinium bartlettii* Merr.n.sp.
Y 2427 *Vaccinium urophyllum* Merr.n.sp.
Y 2204, 2410 *Rhododendron multicolor* Miq. (not yatesii)
B. 8647 Y. 2462 *Rhododendron retusum* Benn

Elaeagnaceae: B

- B. 8597, 8368 *Elaeagnus ferruginea* Rich. subsp. *sumatran*
ana Servatzev; also Y 1432 (not *E. latifolia* L.)

Eriacaulaceae:

- B. 7457. 7883 *Eriocaulon hookerianum* Stapf

Elaeocarpaceae:

- B. 6868, 6744 *Elaeocarpus griffithii* Wight; small lvs.
R. 1522 *Elaeocarpus stipularis* Bl. (E. gambir Becc.)
B. 7020 *Elaeocarpus petiolatus* Wall.
B. 7022 *Elaeocarpus stenophyllus* Merr. n. sp.
B. 7318 *Elaeocarpus parvifolius* Winkl.

ERICACEAE:

- B. 8638 *Gaultheria nummularioides* D. Don
B. 8928 *Gaultheria fragrantissima* Wall.
B. 8024, Y 1973 *Vaccinium eugenioides* Moore
B. 8245, 8311, 7145 *Vaccinium littoreum* Miq.

Sumatra 6

Nepenthaceae:

- R. 337, B 8405, 7074 *Nepenthes ampullaria* Jack
- B. 7481, 8348, 7848, Y ~~200~~ 2013 *Nepenthes tobaica* Danser
- R. 30 *Nepenthes mirabilis* (Lour) Druce ? No pitchers
- B. 8030 *Nepenthes spectabilis* Danser
- B. 8921 *Nepenthes pectinata* Danser
- B. 8032 *Nepenthes rafflesiana* Jack

Liliaceae: (have not been able to do much with representatives of this family, chiefly because of incomplete specimens)

- B. 8232 *Smilax* sp. no fls
- B. 7878 *Smilax* sp. sterile
- B. 7504 *Smilax leucophylla* Blume
- B. 7892 *Smilax* cf. *laevia* Wall. Sterile
- B. 6938 *Smilax* sp cf. *indica* A.DC
- B. 8712 *Smilax ferox* Walli val aff. no fls
- B. 6539 *Disporum cantoniense* (Lour.) Merr.
- B. 6383 *Pleomele* sp. a detached leaf only
- B. & 7050 *Pleomele* sp. no fls
- B. 8134 *Pleomele*, group of *elliptica* (Thunb) ;sterile

Ebenaceae:

- B. 6996 *Diospyros* sp. almost certainly; no fls

- R. 105, 1343 *Diospyros wallichii* K. & G ?

Asclepiadaceae: (I have very little working knowledge of this difficult family; following are tentative dets.)

- B. 6950 *Dischidia* = Yates 1681, no fls

- B. 7577 *Dischidia* sp. no fls

- R. 245 *Hoya* sp

- R. 60 *Hoya* ???

- H. & R. 682 *Hoya rhodostela* Ridl

- B. 8694 *Hoya coronaria* Blume

- B. 7123 *Gymnema* (not *Ehretia*)

- B. 7021 *Dischidia hirsuta* Decne

Loranthaceae:

- H. 1352 *Loranthus* sp. inadequate

- R. 123 *Loxanthera speciosa* Blume

- H. 1351 *Loranthus pentandrus* Linn.

- Y. *Dendrophthoe flosculosa* Danser

- Y. 1263 bis (or a) *Elytranthe cochinchinensis* (Lour.)

- Y. 1385 *Loranthus incarnatus* Jack

- Y. 1582 *Loranthus productus* King.

- Y. 1581 *Loranthus productus* King.

Anonaceae:

- B. 7121 *Artabotrys suaveolens* Blume

- B. 7071 *Artabotrys sumatranus* Miq ? fls needed

- Y. 1908 *Cyathostemma hookeri* King (not *Pseuduvaria*)

- R. 1347 *Dasymaschalon blumea* Finet & Gagnep.

- R. 1377 *Fissistigma fulgens* (Wall.) Merr.

- B. 7303 *Fisstigma manubriatum* (Wall.) Merr.

- B. 7658 *Goniothalamus macrochyllus* Hk. f. & Th.

- R. 1341 *Goniothalamus* sp.; only 1 fl.; nothing for study

- B. 8111 *Oxymitra glauca* Hk. f. & Th.

- B. 8192 *Oxymitra* sp. with stem galls, no fls or fruits

- B. 7333 *Oxymitra excisa* Miq. prob. fls needed.

- R. 1315 *Pseuduvaria reticulata* (Bl.) Miq.

- R 323 *Polyalthia glauca* (Hassk.) Boerl (P. sumatran (Miq.) Kurz.)

- R. 1313 *Phaeanthus sumatrabus* Miq. ? fls needed.

- B. 8294 *Stechelorcarpus nitidus* King ? fls needed.

- R. 1383 *Dasymaschalon* (probably); my specimen has calyces only; corolla essential.

Anonaceae:

- R^x 1288 Uvaria (probably); only one very immature fl.
 Y 1951, 1753 Polyalthia stenopetala Finet & Gagnep
 B. 7319 Polyalthia bullata King Ridl.
 R. 362, B 6866, 7286 Polyalthia desmantha (Hk.f. & Th.)
 Y. 1719 Pyramidanthus prismatica (Hk.f. & Th.) Merr
 (not Uvaria lobbiana)
 B. 8725 Uvaria ptychocalyx Miq.
 B. 8413 Uvaria purpurea Bl.
 B. 6873 Uvaria lobbiana Hk.f. & Th., as far as I can tell
 in absence of flowers
 Y. 2147, 2562 Xylopius ferruginea Hk.f. & Th.
 R. 1288, 1449 Miliusia sp. as far as I can determine in
 the absence of flowers
 B. 7018 Drepananthus pruniferus Maingay

Apocynaceae:

- R. 1428 Chilocarpus (no fls or fruits)
 H. & R. 713 Alyxia forbesii King.
 B. 6722 Alyxia odorata Wall.
 B. 7291 Leuconotis sp. no mature fls.
 R. 1506 Willugbeia sp. (no mature fls.)
 Y 1475 Parameria barbata (Bl.) K.Schum
 B. 8690 Tabernaemontana dichotoma Roxb.
 Y 1787 Tabernaemontana crispa Roxb ?
 B. 7590 Urceola longisepala Merr.n.sp.
 B. 7726, 6379, 7262, 7662a, 7571, 6526, 8540, 7869
 Rauwolfia perakensis King & Gamble.
 R. 1314 Tabernaemontana cylindrocarpa (King & Gamble)
 R. 1375, 1340 " " " " Merr.
 B. 7124 Vallaria maingaya Hk.f.

Taxaceae:

- B. 6805, 8226 Podocarpus blumea Endl., leaves from
 juvenila shoots, larger than on normal branches.

Taccaceae:

- R. 178 Tacca cristata Jack. B. 8116, H. 1125 are
 sterile, apparently juvenile, forms of this .

Symplocaceae:

- B. 7937 Symplocos sp. no good fls.
 B. 7639, 7328 Symplocos rubiginosa Wall.
 B. 8088 Symplocos cochinchinensis (Lour.) Moore
 (S. javanica Bl.; S. ferruginea Roxb.)
 R. 1465 Symplocos rubiginosa Wall ?

Styracaceae

- Y. 2532 Styrax parallelonervus Perk. (S. sumatrana
 J.J.Sm.)
 Y. 1411 Styrax subdenticulatus Miq.
 Y. 1467 " " " (not serrulatum Roxb.)
 B. 8077 Styrax subdenticulatus Miq.

Sterculiaceae:

- R. 1272 Sterculia sp. ? scrappy material, no fls or frts.
 R. 250 Sterculia, fls needed, near S. patentinervia.
 Y. 1387 R. 28 Sterculia rubiginosa Vent (S. rufa Korth.)
 Y. 2381 " " (not subpeltata)
 B 8726, 8417, 7211 Firmiana colorata (Roxb.) R.Br.
 B. 8599 Melochia umbellata (Houtt) Stapf.
 R. 388 Helicteres hirsuta Lour
 R. 312 Sterculia patentinervia Merr.n.sp.
 Y. 1455, 1964 Sterculia cauliflora Merr.n.sp.
 R. 308, Y 2142 R. 280 Sterculia urophylla Merr.n.sp.
 R. 352 Byttneria curtisii Oliv.
 Y. 2213 Byttneria (Buettneria) jackiana Wall.

Staphyleaceae:

- R. 1410, 341 Turpinia cochinchinensis (Lour.) Merr
 (T. pomifera DC.)

Hernandiaceae:

H. 1176, R. 359, Y 1904 *Illigera dasyphylla* Miq.

Hippocrateaceae:

R. 52 *Salacia prinoides* (Willd.) DC

Hydrocharitaceae:

R. 1524 *Lagarosiphon alternifolius* (Roxb.) Druce

Hamamelidaceae:

B. 8007 *Bucklandia tricuspidis* (Miq.) Hallier f.

Lecythidaceae:

R. 1205, 1325 *Barringtonia macrostachya* Kurz (probably; material of both poor)Y. 2072 *Planchonia valida* Blume

Liliaceae:

R. 1335 *Pleomele elliptica* (Thunb.) E N.E.Br. ?Y. 2015 *Smilax laevis* Wall.B. 7806 *Smilax* sp. very young buds onlyB. 6779 *Smilax* sp., no leaves, stems and immature fruits only.B. 7805 *Smilax*, near *odoratissima* Bl. and *aspericaulis* Wall., but not the same as either; fls essential.H. & E. 695 *Ophiopogon intermedius* Don, probably; no fls. It is quite certainly not a *Peliosanthes*E. 1508 *Smilax* sp. suggests *megacarpa*, but the very young infl. is totally different; fls needed.B. 7239 sterile; perhaps a *Pleomele* rather than a *Taetsia*.R. 181 *Dianella ensifolia* DC.

Icacinaceae:

R. 1482, Y. 2380 *Gonocaryum melanocarpum* Hochr.R. 252, 1323 *Gomphandra subrostrata* Merr.n.sp.B. 7316 *Gomphandra affinis* Mast

B. 7623 " " "

H. & R. 762 *Gomphandra* sp. almost certainly, but my specimen with neither fls. nor fruits.Y. 2248, 2637 *Gomphandra yatesii* Merr.n.sp. (2248 in hb. as *Apodytes*)

Labiatae:

B. 7935 *Gomphostemma bartlettii* Merr.n.sp.H. 1167 H. & E. 760, Y. 1573, B. 6527 *Gomphostemma oblongum* Wall.B. 8176 *Gomphostemma parvum* Merr.n.sp.Y. 1553, B. 8568 *Paraphlomis brevidens* Merr. n.sp. (not *Gomphostemma*)B. 8241, Y. 1738 *Gomphostemma microcalyx* PrainB. 7753 *Coleus remotiflorus* Miq ? (the other numbers of *Coleus* I cannot name further at this time)H. & R. 767 *Scutellaria sumatrana* Miq.B. 7598 *Scutellaria discolor* ColebrH. 1028 *Leucas zeylanica* R.Br.B. 7780, 6532 *Leucas lavandulifolia* Smith.B. 7431, 7761 *Mosla dianthera* (Ham.) Maxim. Genus new toB. 8091 *Ocimum sanctum* Linn. Malaysia.B. 8090 *Ocimum basilicum* Linn.

H. & T. Labiatae, unknown to me, material very inadequate.

Leguminosae:

R. 161, 1511 *Bauhinia rahmatii* sp.nov. § *Bartlettiiella* sect.B. 7600 *Bauhinia gracilipes* Merr.n.sp.B. 7581, ~~248~~ Y 2483 *Bauhinia kockiana* Korth. (not *creaghii*) nov.E. 1504, 1510 *Bauhinia semibifida* Roxb.Y 2404 *Bauhinia stipularis* Korth.

Y 1777 " " "

B. 8737 *Pithecolobium jiringa* (Jack) Prain.B 7579, 7594 *Pithecellobium contortum* (Grah.) Mart.

Sumatra 9

Leguminosae:

- R. 1425 *Pithecellobium clypearia* (Jack) Benth. N.B. *Pithecellobium* is the original and correct spelling for the genus; there was absolutely no warrant for changing the name to *Pithecellobium*; Martius derived it from two Greek words meaning "monkey" and "ear-ring"
- Y. 1864 *Pterolobium microphyllum* Miq. (not " *Caesalpinia micrantha* Merr n.sp. "
- R. 304, Y 2168, B6972, 7287 *Saraca triandra* Linn.; rather ~~large~~ large for this species.
- B. 8746 *Centrosema plumieri* Benth
- B. 6449 *Uraria crinita* (L.) Desv
- B. 8356 *Crotalaria chinensis* Linn (fruits needed)
- H. & T. 323 *Crotalaria ferruginea* Grah
- Y 2194 " " (not chinensis)
- R. 1273 *Mezopneumum* ? cf. *sumatranum* W. & A.; cf. *Caesalpinia*; material totally inadequate
- R. 78 (28 ?) *Caesalpinia jayaba* Maza
- Y. 1862 *Mucuna ovalis* Baker f ?
- B. 7727, Y. 1142 *Mucuna acuminata* Grah ? fruits needed
- B. 8724 *Vigna hosi* (Craib) Backer
- R. 1274 *Acacia pennata* Willd
- H. & R. 728 *Desmodium heterophyllum* DC.
- B. ~~8774~~ 7874 *Desmodium dasylobum* Miq.
- R. 1119 *Cassia* sp.; some exotic species I suppose, perhaps from tropical America
- B. 8723 *Mimosa invisa* Mart
- R. 1112 *Calopogonium mucunoides* Desv
- R. 1258 *Derris*, probably; neither fls nor fruits
- B. 8704 more apt to be *Derris* than *Millettia*; fruits needed
- B. 7339 perhaps *Whitfordiodendron*; neither fls nor fruits
- B. 6983 indet; apparently Leguminosae, but material inadequate.

9-continued.

Rosaceae:

- B. 6871 *Pygeum myriandrum* Merr.n.sp.
- Y. 1262 *Rubus glomeratus* Blume (not *moloccanus*)
- B. 8665 *Rubus chrysophyllus* Reinw.
- B. 7725 *Rubus alceaefolius* Lam.
- B. 7409 " " "

Rhizophoraceae:

- B. 7616 *Anisophyllaea disticha* Baill.

Ranunculaceae:

- B. 6484, 8337, 7894 *Ranunculus diffusus* DC

Proteaceae:

- YX 2510 *Helicia javanica* (Bl.) Benn. rather than *H. obovata*
- B. 7385, 7598, 7116,, 8064, Y. 1593 *Helicia attenuata* Blume

Polygalaceae:

- RX ~~14x~~ 1357, 1402 *Xanthophyllum* sp. not matched
- B. 7665a, R 121, B. 7632 *Xanthoxylum beccarianum* Chodat vel aff.
- B. 7290, 7289 *Xanthophyllum citrifolium* Chod
- B. 7588, 7586 *Xanthophyllum flavum* Ridl
- B. 7322 *Xanthophyllum vitillinum* Nees ?
- B. 7274 *Xanthophyllum* sp. (prob.) no fls or fruits
- H. 1152, B 7691, 7372, 8607, 8519, 8542, 7566 *Polygala venenosa* Juss
- B. 6701 *Salomonina cantoniensis* Lour.

Primulaceae:

- B. 7895 *Lysimachia japonica* Thunb

Pittosporaceae:

- B 8399, 8188 *Pittosporum ferrugineum* Ait.

Polygonaceae:

- B. 7466 *Polygonum strigosum* R.Br.
 B. 6511, Y. 1497 *Polygonum paniculatum* Blume
 Y. 1555 *Polygonum malaicum* Danser
 B. 7412 " " "

Sapotaceae:

- B. 7086 *Payena* ?
 B. 7308 *Palaquium confertum* H.Lam ?
 B. 8281 *Palaquium oblongifolium* Burck
 B. 7309 *Payena acuminata* (Blume) Pierre
 B. 7297, 7293 *Payena* sp. not matched

Sapindaceae: I have made only approximate determinations, pending the publication of Radlkofer's monograph, now in press, in *Pflanzenreich*.

- Y. 1962 *Lepisanthes kunstleri* King ?
 B. 6474 " " "
 R. 25, 316, Y 1603, R. 1368 *Allophylus villosus* Radlk.
 Y. 2555 *Nephelium juglandifolium* Blume ?
 B. 7024 *Nephelium* group of *lappaceum* L. but leaves softly pubescent beneath

Sabiaceae:

- R. 234 *Maliosma*, cf. *ferruginea* Blume; no fls
 R. 1387 *Meliosma confusa* Bl. var. *laxior* Baker f.

Connaraceae:

- B. 8161 *Rourea* (not *Connarus*) I started to describe this as new and abandoned it because I think the sheet is a mixture; note the few nerved leaves of the fruiting specimen, and the many nerved leaves of the flowering one !
 B. 7270 *Connarus grandia* King
 B. 7149 *Rourea humilis* Blume
 B. 6894, 6883 *Roureaopsis javanica* Planch. (6883 is in earlier sheet as indet under *Linaceae* I believe)
 B. 8255 *Ellipanthus sumatranus* Boerl & Koord
 B. 7108, 7347, 6987, 7087 *Agelaea borneensis* (Hk.f.) Merr.
 (A. *vestita* Hk.f.)
 B. 7334 *Agelaea wallichii* Hk.f.

Rosaceae (continued)

- B. 8014 *Pygeum sterrophyllum* Merr.n.sp.
 B. 8662 *Photinia bartlettii* Merr.n.sp.
 B. 7877, 8657 *Photinia sumatrana* Merr.m.sp.
 B. 8565 (type), and ? 8661 *Prunus wallichii* Steud.
 B. 7902 *Rubus chrysophyllus* Focke
 B. 7538 *Rubus moluccanus* Linn.

Theaceae:

- B. 8715 *Pyrenaria* ? prob. not this genus, but I can do nothing further without fls.
 B. 7630 *Pyrenaria serrata* Bl. vel. aff; mature fls needed
 B. 6696, 8061, R. 389 *Adinandra dumosa* Jack.

Umbelliferae:

- B. 7473 *Oenanthe linearis* Wall.
 R 1224, B. 8124 *Carum involucratum* (Roxb.) Baill.
 B. 7731 *Hydrocotyle javanica* Thunb.

Ulmaceae:

- B. 7546 *Trema angustifolia* Planch.
 B. 7049 *Gironniera subaequalis* Planch.
 B. 6973, R. 147, 1463 *Gironniera nervosa* Planch.

Tiliaceae:

- B. 6934, R. 330 *Trichospermum javanicum* Blume
 B. 6497, R. 190, H & R. 725 *Triumfetta pilosa* Roth.
 B. 6655 *Triumfetta suffruticosa* Bl.
 Y. 2367, H. & T. 1307, 1309, T. 1422, 1442, B. 7162 *Microcos* (*Grewia*) *tomentosa* Smith.

Tiliaceae:

- R. 1279 *Grewia umbellata* Roxb. = *G. acuminata* Juss !
 B. 7200 *Grewia acuminata* Juss.

Thymelaeaceae:

- B. 7176, R 47, 53 *Phaleria octandra* (L.) Baill.

Verbenaceae:

- B. 6919, Y 1183 *Vitex gamosepala* Griff.
 B. 7160 *Vitex clarkeana* King & Gamble
 R2 1236, 1497, 284 *Vitex vestita* Wall.
 Y. 1284, B. 7148 *Clerodendron colebrookeanum* Walp.
 Y. 2075 *Avicennia officinalis* Linn
 B. 7207, R. 184, B. 6460 *Clerodendron infortunatum* L.
 H. 1144 B. 6447, 8728 *Clerodendron serratum* Spreng
 Y. 1192, 2479, 1669 R. 1433, B. 8195 *Clerodendron dispari-*
folium Bl. (not *laevifolium*)
 R. 1386 *Clerodendron deflexum* Wall.
 R. 1233 *Premna kunstleri* King & Gamble
 B. 8603 *Callicarpa longifolia* Lam
 R. 1045, B. 6448 *Callicarpa pentandra* Roxb
 B. 8420, 8711 *Premna pyramidata* Wall.

Violaceae:

- H. 1237 *Rinorea* sp. no fls or fruits
 R. 1411 *Rinorea hamelii* Merr.n.sp. also Y. 1745(not
 R. 1208 " " " *R. kunstleriana*)
 B. 8196, 6470, Y. 2049 *Rinorea kunstleriana* (King) Taub.
 Y. 1627 *Rinorea yatesii* Merr.n.sp.
 B. 8209, 8234 *Rinorea wallichiana* (Hook.f.) O.Ktz
 R. 74 *Rinorea anguifera* (Lour.) O.Ktz
 B. 7437 *Viola betonicaefolia* Sm. var. (no fls)
 B. 7939, 7809 *Viola sumatrana* Miq.
 B. 7921 *Viola ancuata* Blume
 B. 6874 R. 115 *Rinorea comosa* (King) Merr.
 Y. 1640, R. 339 *Rinorea sumatrana* Merr.n.sp.

Leguminosae:

- R. 1119 *Cassia* (*Chamaefistula*) *bacillaris* Linn.f. det Britt

Xyridaceae:

- B. 7401, 7476 *Xyris capensis* Thunb. var. *schoenoides* (Mart.)
 A.Nilss.

Vitaceae:

- H. 1537 *Leea aequata* Linn
 B. 8273 *Leea gigantea* Griff. (probably)
 B. 8699 *Tetrastigma wrayi* (King) ?
 B. 6768 *Tetrastigma lanceolarium* (Wall.) Pl.
 B. 6386, R. 1118 *Cissus hastata* (Miq.) Pl.
 B. 7016 *Columella geniculata* (Bl.) Merr. var
 B. 8584 *Columella* sp. imperfect material
 B. 8162 *Columella japonica* (Thunb.) Merr.
 R. 1479 *Ampelocissus* (probably); material inadequate
 Y. 1905, B. 8148, 7352, R. 107 *Ampelocissus polystachya*
 B. 8716 *Pterisanthes rufula* (Miq.) PlanchWall.) Planch.
 B. 7321 *Pterisanthes polita* (Miq.) Laws.
 B. 7597 *Pterisanthes heterotricha* Merr.n.sp.
 R. 18 *Pterisanthes eriopoda* (Miq.) Planch.

Sumatra- 12

Fagaceae:

- R. 1476 *Castanopsis conspersispina* Merr.n.sp.
Y. 2326 *Quercus hystrix* Korth.

Gentianaceae:

- B. 8507 Y 1972 *Crawfurdia trinervis* (Bl.) O.KTz. (*C.blumei*)
R. 324 *Exacum chironioides* Griseb.

Urtiaceae:

This family is exceedingly difficult and is badly in need of thorough revision. I suspect that too many "species" have been described, and that on the other hand there are still too many "collective species"

- B. 72332 *Procris cephalidia* Comm.
B. 7749 *Procris frutescens* Blume
B. 7560, Y. 1643 *Boehmeria* ? (possibly *Cypholophus*); not
Oreocnide

- Y. 1421, B. 7908 *Boehmeria rugosissima* (Bl.) Wedd
B. 8583 *Boehmeria* ?
B. 7750, 7386, 8617, Y 1449, 2328 *Oreocnide sylvatica* Miq.
B. 7132 *Debregeasia longifolia* Wedd
B. 7240, R. 55 B. 8435 *Pipturus mollissimus* Wedd
B. 8434 *Pipturus argenteus* Wedd
H. 1194, R. 1232, R. 158 *Leucosyke sumatrana* Miq. I think rather than *E. capitellata* Wedd., but might be a form of the latter
B. 7405 *Leucosyke sumatrana* Miq
Y. 1170, B. 7133 *Maoutia puya* Wedd. (not *Boehmeria*)
B. 7439 *Maoutia diversifolia* Wedd
B. 7387, 7718, 8629 *Pouzolzia ovalis* Wedd
B. 8629 *Pouzolzia*; group of *P. elegans* Wedd
R. 11, B. 8687 *Polychroa sinuata* (Bl.) Merr
Pilea spp. (various numbers, I cannot determine further at present)
B. 7734, 8186, R. 1229 *Laportea stimulans* Miq
B. 6491 *Gonostegia hirta* (Bl.) Miq
B. 8581 *Elatostema polycephalum* (Wall.)
B. 8575, 8571, 8454 *Elatostema sylvanum* Ridl. The other *Elatostemas* I cannot name at present beyond the genus

Zingiberaceae:

I am not prepared to do much with this difficult group other than to indicate the genera; scarcely a single specimen is in condition for critical study as almost invariably the fugaceous flowers were not preserved. In Globba, for example, the species cannot be placed by any key without corollas, and there isn't a single corolla on any of the specimens.

- B. 8084 *Plagiostachys*; no fls
B. 6906 *Plagiostachys* no fls
R. 373 *Amomum* ?
B. 6917 *Amomum* (or *Hornstaedtia* ?)
R. 58 *Amomum*

Palmae: I know very little about this group other than the more characteristic genera: here are some suggestions

- B. 7085 *Plectocomia* ??
R. 64 *Korthalsia*
B. 7272 *Daemonorops*

Sumatra- 12

Flacourtiaceae:

- B. 8439, 8713 *Hydnocarpus yatesii* Merr.
 R 40, Y 1356, 1810 *Hydnocarpus sumatranus* (Miq.) Koord
 (but might possibly be *H. pentagyna* Van Sloot.)
 B. 7023 *Hydnocarpus* ~~stark~~ setumpul Van Sloot.
 R. 1488, B 8714, 7166 *Flacourtia rukam* Zoll. & Mor.
 R. 1378 *Scolopia spinosa* (Roxb.) Warb. (probably)
 Y. 2066, B. 8410, R. 49 *Ryparosa wrayi* King
 R. 1384, 1363, 1359, 1515, 1286, B. 7272 Y 2257 *Osmelia*
~~bartlettii~~ Merr.
 B. 6890, R 1405, 1371, 1327 *Casearia lobbiana* Turcz

Marantaceae:

- B 8266 *Phacelophrynium* sp. no good fls.
 B. 6702, 6845 ~~Maximiliana~~ *Phrynium capitatum* Blume

Gnetaceae:

- R. 22 *Gnetum* sp.
 B. 6888, 8669 *Gnetum microcarpum* Blume
 B. 7354 (and prob. B6455, sterile) *Gnetum macrostachyum* Hk.f.
 B. 6718 R. 309 *Gnetum microcarpum* Blume
 B. 7756 *Gnetum gnemonoides* Brongn.

Moraceae: 6709 *Gnetum loerzingii* Marcgr (prob.; sterile specimen.

- B 7271, 6979, 7068, 7278 (but not a vine!!!), R 357, H 1188
~~Sideroxylon~~ ~~Stonitzia~~ ~~Sideroxylon~~ *Sloetia elongata* (Miq.)
 Koord. (*S. sideroxylon* T. & B.)
 R. 1443 *Conocephalus suaveolens* Bl ? (too young fls)
 H & R 758 *Conocephalus subtrinervius* Miq.
 Y 2104 " "
 B 8205, 8449 *Ficus pisifera* Wall.
 B 8303 *Ficus ribes* Reinw
 B 7324 *Ficus recurva* Blume var
 B 7233 7161 *Ficus ramentacea* Roxb
 B 8732 8658 *Ficus padana* Burm.f. (*F. toxicaria* Linn.)
 B 8580 *Ficus leptoryncha* Val
 Y 1236 *Ficus hirta* Vahl ? (vix alba)
 B 7589 *Ficus hirta* Vahl
 7483 B *Ficus globosa* Blume ? (no fruits, leaf specimen only)
 Y 1551 *Ficus fulva* Reinw
 R 1483 *Ficus urophylla* Wall
 B 8036 *Ficus consociata* Blume
 B 6852 *Ficus annulata* Blume (probably; fruits immature)
 B 7716, R 54 *Ficus lepicarpa* Blume
 B 8411, R 73, 1275 *Ficus subulata* Blume
 B 7186 *Ficus parietalis* Blume
 Y 2270 *Ficus korthalsii* Miq.
 B 7111 *Ficus globosa* Blume
 R 1336 *Ficus gelderi* Miq.
 R 307, 209, B 8582, 8560, 209, 75398541 *Ficus cuspidata*
 Reinw.
 B 6516, 7789, 8335, 7888, 8557, 8358 *Ficus diversifolia* Blume
 H&R 718 *Ficus caulocarpa* Miq ??? (altogether too young)
 B 7610, 7517 *Ficus alba* Reinw.
 B 8310 *Ficus albidifolia* Merr.n.sp. (not *F. alba* Reinw)
 B 8445, 7668a *Ficus tricolor* Miq
 B 6546 *Ficus bartlettii* Merr.n.sp.
 Y 1670 *Ficus yatesii* Merr.n.sp.
 R 1289 *Ficus lanata* Blume
 B 6773 *Ficus stolonifera* King, if the infructescences were
 prostrate on ground, not hanging from the branches
 Y 1946 *Ficus obtusa* Hassk; Y 2274 *Ficus lacor* Ham. var.

Sumatra- 13

(*Rahmat si Boera*: 5810-*Pericampylus glaucus* (Lamk.) Miers)

Monimiaceae:

B 7095, R 253 Kibara chartacea Blume

Menispermaceae:

B 7664 Limacia sp. I think, but buds too young to be sure
R 1505 Limacia velutina (Wall.) Miers, var.; leaves rounded

7 hence not typical

R 1495, 6847 Cyclea laxiflora Miers ? One with very immature
re staminate buds, other with immature fruits, no fls.

R 34, B 7015 Fibraurea chloroleuca Miers

Meliaceae:

B 7327 Dysoxylum cauliflorum Hiern

R 1408 Aphanamixis rohituka (Roxb.) W. & A

B 6865 Aphanamixis sp.; fls needed

B 8727 Aphanamixis grandifolia Blume

Y 2386 Chisochiton sumatranus Bak.f.

R 302 Chisochiton lasiogynus Boerl. & Koord

Pandanaceae: Most of the material submitted consists of leaf-
specimens only; identification is impossible without
fruits.

B 8057, R.39 Pandanus (if erect) no notes, ~~no~~ leaves only
prob. ~~Yates~~ 1653

B 7178 leaf only; looks like Pandanus tectorius Soland.

R 372 Pandanus in fl.; fruits essential

B 7611 Pandanus I suppose, surely so if erect; leaf only

B 8043 Pandanus; leaf only

B. 6545 Freycinetia (probably; surely so if scandent)
leaves only, no notes

B. 8632 Pandanus; group of P. immersus Ridl.

Passifloraceae:

R. 51 Passiflora; possibly undescribed, apparently allied to
P. octandra Gagnep; specimen very poor

H 1155 Passiflora foetida Linn

R. 1397 Adenia quintuplinervia (Miq.) Hall.f.

Y 1891 Adenia macrophylla (Bl.) Koord

Y 1427 " "

B 6385 " "

" " " " (not "grandifolia")

Pinaceae:

8562 Callitris sp.; I have no working knowledge of this
Australian genus.

Piperaceae: No changes in identifications previously reported
Few additions, as follows:

B. 8570, 8398 Piper philodendron Ridl. ex descr.

B 6453 Piper sp. juvenile ! without its mature character
leaves ; any further det. would be merely a guess

Phytolaccaceae:

B. 7006, 8334 Phytolacca icosandra Linn !!! Was this cult.
or wild ? It is strictly an American species and hence
must be an introduced one in Sumatra. It is recorded
from no parts of the Old World.

N.B.

Rubiaceae:

R. 1291 Borreria latifolia (Aubl.) K.S. Schum. Introd. from
trop. america, but recorded from no parts of the Old World;
I have it also from Singapore !! Not in Ridley

H. 1080, 1011 B 6458 Borreria laevis (Lam.) Griseb. Like
the preceding, yet not reported from the Old World. I have
recently collected specimens from Philippines ! New Guinea !
Singapore ! New Britain ! and Samoa ! Not in Ridley

B. ~~6890~~ 6980 Nauclea (Sarcocephalus) junghuhnii (Miq.) Merr.

Y. 1293 Neonauclea cyrtopoda (Miq.) Merr. (not obtusa)

Sumatra- 14

- B. 8158 *Neonauclea pallida* (Reinw.) Merr.
R. 325 *Naonauclea purpurascens* (Korth.) Merr.
B. 7268, R. 342 *Nauclea* (*Sarcocephalus*) *subdita* (Korth) Merr
R. 1415 *Uncaria* sp. fls all abnormal from insects or fungi.
R. 348 (or 248 ?) (351 scratched) *Uncaria roxburghiana* Korth
B. 7009 *Uncaria glabrata* DC
B. 7392 *Uncaria gambir* Roxb
R. 42 *Uncaria acida* (Hunter) Roxb
B. 7081 *Uncaria longiflora* (Poir.) Merr. (*U. pteropoda* Miq.)
B. 8708. 7221, 7751 *Uncaria ferrea* (Blume) DC
B. 6946 *Uncaria cordata* (Lour.) Merr. (*U. pedicellata*)
R. 1316 *Saprosma* sp. material insufficient!
B. 8238 *Saprosma arboreum* Blume
R. 159 B. 6625 8530 R. 1284 *Chasalia curviflora* Thw. (Some of the numbers I have identified as Thwaites' species may represent *C. propinqua* Ridl. type from Berastagi; but I suspect Ridl's species is no good!
B. 8163 Y 1767 *Gaertnera acuminata* Benth (not *Chasalia curviflora* as Yates' specimen was identified)
Y. 1380, 2042 (as "Rub" indet.) B. 7783 H. 1197 R. 1436 *Aphenandra sumatrana* Miq.
R. 1517 B. 7618 7650 *Lucinaea membranacea* King (prob. *L. sumatrana* Val. & Koord. is the same)
R. 139, 1517 *Lucinaea membranacea* King
B. 8085 *Morinda rigida* Miq. ex descr.
B. 6904 *Lecananthus erubescens* Jack
Y. 1773 *Morinda jackiana* Korth
Y. 2501 *Wendlandia ovata* Merr. n. sp.
B. 7147 7513, 7406 *Wendlandia glabrata* DC
B. 8550 *Tarenna* sp. (fls essential; might be new)
B. 7153 *Tarenna costata* (Miq.) Merr.
B. 7413 *Tarenna mollis* (Wall.) Valetton
R. 1107 *Oldenlandia diffusa* Roxb
B. 7766 *Hedyotis kurzii* Merr. (*H. wallichii* Kurz, non Walp.)
R. 1210, H 1122 B 7082, 6733, 7606 R. 194 *Hedyotis rigida* Miq
B. 6475 6458a, R. 166 1472, 1519 *Hedyotis capitellata* Wall
R. 386 *Hedyotis costata* (Roxb.) Kurz
R. 1398, 152, H. 1174 B. 6683 *Hedyotis auricularia* Linn.
H. & R. 1298 *Hedyotis pinifolia* Wall. (prelim. rept. *Oldenlandia* sp.)
B. 6557 *Hedyotis* sp. fls desirable
B. 7530 *Hedyotis* sp., group of *H. uncinella* fls desirable.
B. 7940, Y 1529, 2433 *Ophiorrhiza ridleyi* Merr. (*O. bracteata* Ridl. non Korth.)
B. 6616, 8473, Y 1430 *Argostemma triflorum* Ridl.
Y. 1540, B. 8462, 8495 *Argostemma stellare* Ridl. (*A. stellatum* Ridl. x non Craib.)
B. 8681 8245 *Argostemma riparium* Ridl ?
B. 8455x 7494 *Argostemma corymbosum* Ridl
B. 8686 *Streblosa microcarpa* (Wall.) Ridl
R. 1499, 1318, 112, 233 *Psychotria malayana* Jack
B. 8135 *Psychotria* sp.; remotely possible *P. malayana*; material too poor
B. 7556, 7617 *Psychotria* sp.
Y. 2588 *Psychotria* cf. *kunstleri* King & Gamble
B. 7627 *Psychotria* sp.
R. 41, B. 8674 *Psychotria laxiflora* Blume
R. 1334 *Psychotria sarmentosa* Blume
H. & R 1158, R. 182, B. 6390, 6469, 6893, Y 6469 *Psychotria viridiflora* Reinw
B. 6528, 6618, H. & R. 715, 625 *Psychotria*

Sumatra- 15

- B. 6528, 6613, H & R. 685, 715 *Psychotria multinervia* Ridl.
but this species seems doubtfully distinct from *P. rhinocerotis* Blume
- B. 7592, R 176, 1320 *Psychotria rostrata* Blume
- H. & R 766, 717 B 6855 Y 2335 *Psychotria montana* Blume
- B. 8611 *Psychotria montana* Blume
- B. 6759, 8247 *Coptophyllum capitatum* Miq
- R. 1500 *Tarenna sylvicola* Ridl
- Y. 2153 *Acranthera yatesii* Merr.n.sp
- R. 315 *Acranthera longipes* Merr.n.sp.
- B. 7311 *Acranthera* sp. inadequate material
- B. 6571, 7687 Y 2599, B. 6757, R 230, B. 8207, 6714 *Ophiorrhiza*, and all probably referable to *O. exserta* Ridl
- Y. 1533, B 8529 *Ophiorrhiza deflexa* Ridl
- B. 6758, 8277, 8389 *Ophiorrhiza rosacea* Ridl x
- Y 1638 *Ophiorrhiza ixora* Ridl ?
- B. 7674 *Ophiorrhiza flavescens* Ridl
- B. 8469, R 140, H & R. 783 *Ophiorrhiza* spp. indet
- R. 1358 *Ixora* sp.
- B. 6719, R 1502 *Ixora pendula* Jack
- R. 207 *Ixora pendula* Jack
- B. 7235, 6846, 7174 *Ixora javanica* DC
- Y. 1772, H & R. 1456 R. 108 *Ixora fulgens* Roxb
- B. 8670, 8701, 6464, R 1285, 1271, 332, 1285, 185, 332, 1489 *Ixora nigricans* R.Br.
- R. 1211 *Lasianthus* sp. = Yates 1845
- B. 6452 *Lasianthus* " " "
- B. 6452 *Lasianthus* sp
- B. 6962 *Lasianthus*
- B. 7962 *Lasianthus*
- B. 7070 *Lasianthus*
- B. 6552 *Lasianthus*
- Y. 2508 *Lasianthus purpureus* Blume (not *Mycetia*)
- H. 1185 *Lasianthus*
- Y. 1913 R. 1369, B. 6897 *Lasianthus pilosus* Wight.
- B. 6471, 7696, R. 1321 *Lasianthus maingaya* Hook.f.
- B. 7302 *Lasianthus stercorarius* Blume
- (A peculiarly difficult group, because of the numerous species proposed and their relatively slight differences in many cases. One needs to compare with types !!!! There will be many reductions, so why describe more at present ?)
- B. 6966, R. 126 *Urophyllum* sp
- R. 232 *Urophyllum* sp
- B. 6908, 7080, 8517 *Urophyllum macrophyllum* Korth
- R. 1366 *Urophyllum macrophyllum* Korth
- R. 111, 223 *Urophyllum* sp
- B. 6609, 6611 *Urophyllum macranthum* Ridl.
- B. 6967, 7651, 8696 *Urophyllum* spp x (or *Pleiocarpidia* ?)
- B. 8564, R. 1339 *Urophyllum grandifolium* Ridl.
- B. 8082 *Urophyllum* sp
- (Same comment as under *Lasianthus*)
- R. 1393 *Timonius flavescens* Jack ?
- R. 1448 *Timonius*; very likely perfect fl. of 1529
- R. 1529 *Timonius*
- R. 1464, 1484, B. 7330 *Timonius wallichianus* (Korth.) Val.
- B. 7648 *Tarenna* sp. inadequate
- B. 6674 *Tarenna mollis* (Wall.) Bal
- B. 6495 *Tarenna sylvicola* (Ridl.)
- R. 202 *Tarenna* ?? (mighe be *Pavetta*)
- B. 1364 *Pavetta* sp. fls needed (i.e.mature ones)
- B. 7748a *Pavetta* sp. (probably)
- B. 7332 *Pavetta longifolia* DC ? also 8427

Sumatra 16

- R. 1467, B. 8739 H & R. 688, 1162, R. 1390 *Petunga hirta* Ridl
 B. 7156 *Randia* sp. group of "*densiflora*" ?; scandent ?
 erect shrub or tree ?
 B. 7003 8063 *Randia spinosa* (Thunb.) Poir ? no spines
 R. 69 B. 6944, 7159 Y. 2242 *Gardenia tentaculata*
 Hook.f. (not *Randia*)
 B. 7770 *Mussaenda* ??
 B. 8693, 7403, R. 4 *Mussaenda* spp. mostly inadequate.
 B. 6492 R. 1414, B. 8034 *Mussaenda hirsuta* Ridl
 Y. 2639 B. 7172 *Canthium dicoccum* (Gaertn.) Merr
 Y. ~~Myce~~ 1542 *Mycetia brachybotrys* Merr.n.sp
 B 7692, Y. 1641 *Mycetia yatesii* Merr.n.sp.
 B. 7485 *Mycetia sumatrana* Merr.n.sp
 H. & E. 698 *Mycetia angustifolia* Ridl
 R. 674 *Mycetia angustifolia* Ridl
 Y. 1367 B. 7647, 7620 *Tricalysia* (*Diplospora*) *singularis*
 (North.) Merr.

Rubiaceae of uncertain generic position because of inadequate material. B. 8179 (looks like *Psychotria* in all but its axillary inflorescences) B. 7157 (4-celled fruits, immature); B6761 no mature fls.

Y. 2501 *Wendlandia ovata* Merr.n.sp. (prob. in herb U.C. as Apocynaceae indet.)

In this exceedingly difficult family anyone is handicapped by inadequate field notes. Many of the specimens have no notes; others do not indicate whether tree, shrub, or vine is represented and sometimes one cannot determine from a herbarium specimen whether or not a scandent or erect plant is represented. The numerous notes in some character unknown to me are all "Greek" as far as supplying any definite information as to the plant. These statements, of course, apply to other groups than Rubiaceae as well; but in these very large families good notes often supply most important clues. EDM. At the end of a long hard day !!!!!

Sumatra 16, continued:

Myristidaceae:

- 7299 B, 7052 B *Gymnacranthera forbesii* (King) Warb
 B 7329 *Knema intermedia* Warb.
 B 7110 Y 1610 *Horsfieldia irya* (Gaertn.) Warb ? staminate
 infl. rather too long for this species, & leaves large
 B. 6990 7304 6867 *Horsfieldia amygdalina* (Wall.) Warb
 B 7151 Y 2184 *Horsfieldia bivalvis* (Hk.f.) Merr.
 B. 7300, 6991 *Horsfieldia glabra* (Bl.) Warb. ? but cf.
 H. *irya* Warb--material insufficient
 B. 8283 *Myristica fragrans* Houtt
 B. 7177 *Myristica*, apparently same as Yates 2123, material
 insufficient

Guttiferae:

impossible to make any further detts. of the few species, mostly *Garcinias* in fruit, except by comparison, and I cannot match any of them here.

Myrsinaceae:

- H & E. 761 *Ardisia reclinata* Scheff ? fls needed.
 B 8230 *Ardisia dolichosepala* Merr.
 R 1498 Y 1445, B. 8463, 8619 *Ardisia crispa* (Thunb.)
 A.DC. sensu lat.
 R. 1322 *Ardisia villosa* Roxb. sensu lat. (A. *vestita* Wall.)
 R. 1324 *Ardisia* prob. *palembanica* Miq. fls essential
 Y 2454 *Ardisia laevigata* Blume ?
 B. 8664 *Ardisia javanica* A.DC.
 Y 2173 *Ardisia fuliginosa* Blume

Sumatra 17

- Y 1511, 2054, 1465 B 7014, 6606, Y 2065 B 7644
Ardisia colorata Roxb. et vars.
 B. 8475 *Ardisia* sp. fls needed
 B. 7064 *Ardisia*, specimen too poor
 Y. 2579, B. 7646, 7283 *Ardisia* sp: fls needed.
 B. 7242 *Ardisia* sp fls needed
 B. 8497 *Ardisia* sp. fls needed
 B. 7325 *Embelia* sp. looks very characteristic, but my specimen is very poor
 B. 8022 *Embelia microphylla* Merr.n.sp.
 B. 8352, 6395 *Embelia* sp. fls too young
 B. 6870, 6704 *Grenacheria lampani* (Korth.) Mez
 R. 1520, ~~1242~~ 1424, 1350, 1461, 162, Y 1840, 2218, 1150
Embelia ribea Burm.f. (includes *E. garcinifolia* Wall.)
 B. 6512 *Embelia coriacea* Wall
 B. 6514, Y 1507 *Maesa oligotricha* Merr.n.sp.
 B. 7715 *Maesa striata* Mez
 B. 8614, 6496, 7930 H & R. 778 *Maesa indica* Wall.
 R. 1525, 183, 211, B. 7425, 7001, 6382 *Maesa ramentacea* Wall.
 B. 7587 *Labisia pumila* (Bl.) B. & H.f.
 B. 8346 *Rapanea affinis* (DC.) Mez.
 The more I try to use Mez's monograph, in *Pflanzenreich*, the more I cuss, because it wont work. I conclude that somebody must do it all over again !!!!!

Araceae:

- R. 120, 177 *Anadendron* ? If so, a very distinct new species, but I am afraid of *Raphidophora-Epipremnum-Scindapsus* etc. There are no spathes on my material !
 B. 8450 *Pothos beccarianus* Engl. without doubt, but merely the juvenile leaf-form; see fig. in Engl. Pflr. 24: 44 fig. 17 (on p. 43)
 B. 7689 *Schizmatoglottis* sp; no complete ~~spathe~~ spathes.
 R. 119 *Schizmatoglottis* sp.; inadequate specimen
 B. 6985 *Scindapsus hederaceus* Schott
 Y. 1457 (and 1691 ?) *Raphidophora wrayi* Hook.f.
 Y. 1537 *Raphidophora korthalsii* Schott.
 B. 7220 *Raphidophora korthalsii* Schott ?; only parts of a flea, no fls or fruits.
 Y. 1764, 1333 *Pothos macrophyllus* De Vriese (not *P. macrocephalus* ~~Scort.~~ Scort.)
 B. 6440, H & R 1311 *Lasia spinosa* (Linn.) Thwaites
 B. 8307 *Homalomena* I suppose; the specimen is badly dried and badly broken.
 R. 104 *Homalomena* sp.
 R. 14 *Homalomena longipes* Merr.n.sp.
 B. 8426 *Homalomena*; cf. *sagittifolia* Jungh; specimen very fragmentary
 R. 224, B. 8467 *Homalomena pygmaea* (Hassk.) Engl
 B. 8295 *Homalomena humilis* (Jack) Hk.f.
 B. 7683, 6643 *Homalomena angustifolia* (Jack) Hk.f.
 B. 8222, Y. 1265 *Colocasia indica* Hassk. (hardly *Alocasia*)
 B. 7005 *Anadendron affine* Schott
 Y. 1228 *Aglaonema marantifolium* Bl
 R. 9, 173 *Aglaonema oblongifolium* Schott.

Araliaceae:

- R. 1287, B. 8240 (sterile!!!) *Schefflera bartlettii* Merr. n.sp.
 B. 8267 *Schefflera sumatrana* Merr.n.sp. I venture this because the l-foliolate character is unusual; this in spite of the fragmentary broken inflorescence.
 Y. 1970 *Schefflera multifoliolata* Merr.n.sp. (not heterophylla)

Sumatra- 18

- Y 1963, 1447, B 7951 *Schefflera scandens* (Blume) Koord.
 B 7548 (large bullate, many nerved lvs.) B 7292 R 144,
~~133~~ 1490, H 1140 *Schefflera tomentosa* (Blume) Harms
 comes well within range of variation of Malay Penin. form,
 but like the latter is more tomentose than the Javan type
 B 8332 *Schefflera venulosa* (W. & A.) Harms
 B 7189 H 1181 (both with mere fragments of infl.) Y 1370
Schefflera yatesii Merr. n. sp.
 Y 2251 *Schefflera rigida* (Bl.) Harms ?
 Y 1721 2543 *Schefflera elliptica* (Miq.) Harms (vix *venulosa*)
 B 6958 *Schefflera*; very characteristic, not placed, but alto-
 gether too young
 B 8065, 7230 *Arthrophyllum ovalifolium* Miq
 R. 38 *Aralia beccarii* Ridl; but probably also the Sumatra
 form referred by Miquel to *A. dasycphylla* Miq.
 Y 1474 B 6492a *Brassaiopsis glomerulata* (Bl.) O.Ktz.
 H 1175 *Trevesia burckii* Boerl. (not *buckii*)

Begoniaceae:

- B. 8479, 6621, 8515 *Begonia beccariana* Ridl.
 (am unable to carry determinations of the few other numbers
 beyond the genus. In every case something is lacking, either
 fruits or male or female fls, and one needs "all he can
 get" to do anything with *Begonia* !

Burseraceae:

- Not able to do much with these. Dr. Lam has been working on
 the family for some years but has published little. He has
 not been very "stable" in his recognition of genera.
 7345 B *Santiria* (i.e. *Hemisantiria*; but I believe that
 Lam has another generic name for this group now) Fls.
 needed. Same as Krukoff 208 (sterile)
 B 7048 *Canarium* cf. *denticulatum* Bl.; but might be a *San-*
tiria--- the fruit is too young.
 B 6872 *Santiria* sp. (i.e. *Hemisantiria* I suppose)

Dichapetalaceae:

- R 1516 1409 *Dichapetalum timorense* (DC.) Engl. 1409 is
 remarkable similar to the typical form; isotype from
 Timor in herb. N.Y.! EDM

Dioscoreaceae:

- Y 2055 *Dioscorea daunea* Prain & Burkill (det Burkill)

Olacaceae:

- B 7317 *Ochanostachys amentacea* Mast. sterile! (in prelim
 list as "Dipt.")

Dilleniaceae:

- B 6903 *Wormia pulchella* Jack
 B 8718 *Wormia oblonga* Wall. *Wormia* is sufficiently dis-
 tinct from *Dillenia*, but often it is difficult to
 separate the two when fls only are available.
 B 7514, 6591, 7784 *Saurauia vulcani* Korth
 B 6400 R 189, H 1132, Y 1426 *Saurauia nudiflora* DC
 B 7444 8656, 7910 H & R 721 *Saurauia roseata* Ridl
 Y 2325 *Saurauia leucophloeia* Korth ?

Aquifoliaceae: I wasted hours trying to solve the difficulties of Loesener's "monumental" monograph of this family, but can only conclude that the result of his work is "confusion worse confounded!" Maybe with supplementary collections I can do better, for often one needs perfect and staminate fls and fruits.

B. 8333 ~~X~~ *Ilex spicata* Blume

B. 6504 *Ilex bartlettii* Merr.n.sp. (ad interim) I may hold this up pending additional collections; fruits only

B. 9016 *Ilex havilandii* Loesener

B 7395, Y 2301, 1584 *Ilex grandifolia* Merr.n.sp.

B 8003 *Ilex* sp.

Gesneriaceae: Another group in which I am not at all "at home" outside of the Philippines? Ridley's work has complicated the group very badly as to the Malaysian species.

B. 8615 *Didymocarpus* ~~6~~ *Yates* 2628; *D. albina* Ridl.

B 7404, Y 2296 *Didymocarpus horsfieldii* O.Ktz. or near

B 8520 *Didymocarpus* sp. group of *D. albina* Ridl.

B. 6505 *Didymocarpus* sp

B 6750 *Didymocarpus platypus* Clarke var. *sumatranus* Ridl.

B 7363 *Didymocarpus crinita* Wall.

B 6971 *Trichosporum* sp. no fls.

B 8695 *Trichosporum* sp.

B 7760 *Trichosporum* sp.

B. 8503 H & R. 710 *Trichosporum* sp.

B 7955 ~~*Cyrtandra*~~ *Cyrtandra* sp. group of *oblongifolia* Benth. & Hk.f. no fls

B 6780 *Cyrtandra* sp. no fls; apparently group of *C. picta*.

B 7690 *Cyrtandra* sp. no fls

R 103 B 6716 *Cyrtandra rosea* Ridl

H & R 691 Y 1473 *Cyrtandra pauciflora* Ridl

B 8602 *Cyrtandra pandurata* Ridl

B 8613 *Cyrtandra* ?? (no fls or fruits; might be *Scroph.* or even *La biate*).

B 8688 8174 8206 *Cyrtandra* sp

B 8612 *Cyrtandra* sp: This family is one of those "impossible" groups unless one can get at authentic material of most of the species!

Lauraceae: Another bad group, bad even when one has staminate, pistillate fls and fruits. The oriental genera are rather badly defined, and there seems to be little agreement as to generic limits in the *Litsea* group. I have here numerous authentic specimens, many fragments, in the Meisner herbarium, but still I am unable to carry some of the identifications beyond the probable genus.

R. 114 *Litsea tuberculata* (Blume)

Y 1362 " " " (not *perakensis*)

B 7066 *Litsea resinosa* (Blume)

R 26, 1328 *Litsea umbellata* (Lour.) Merr (*L. amara* Bl.)

Y 2017 *Litsea obtusifolia* (Bl.) ?

Y 2655 *Litsea* cf. *pbtusata* (Meisn)

Y 1682, 1744, B 8731 *Litsea noronhae* Blume

Y 1590 *Litsea noronhae* Blume

Y 2010 *Lindera acuminata* Blume

R 1420 Y 1814 *Nothophoebe*; I think undescribed, but fls too young

B 7281 R 1374 *Dehaasia* ? fls too young

B 7346 *Dehaasia* ?? very young buds

Y 1714 *Dehaasia* sp. (hardly *Beilschmiedia*)

Y 1396 *Dehaasia microcarpa* Blume ?

Sumatra-20

- Y 2501 *Cinnamomum subavenium* Miq
 B 7503, R 76 *Cinnamomum iners* Reinw.
 Euohorbiaceae: One of the worst unless one has all stages, i.e. staminate and pistillate fls and fruits. The indet. ones "come out in the wash" as supplementary material comes in.
 B. 7336, 7301, 6977, 7155 R 44 B 7008, 6924 Y 2364
Antidesma cuspidatum Blume
 B 6830m 7390, 7743 *Antidesma montanum* Bl.
 B 7277 *Antidesma* sp ; stipules fallen, and only a fragment of a detached infructescence
 Y 2040, 1454 *Antidesma tetrandrum* Blume
 B 7237 *Antidesma* Same as Yates 1329 ???
 R 248 *Antidesma* sp ? I have never seen an *antidesma* with fruits quite like this and suspect it to be new, but would prefer to wait for fls.
 H & T 749 676a *Acalypha brachystachya* Hoffm.
 R 384 B 7411 *Glochidion superbum* Baill.
 Y 1269 *Glochidion arborescens* Bl.
 R 1265 *Glochidion obscurum* (Willd.)
 H & R 1159 B 8598 Y 2157 *Glochidion hirsutum* Muell
 B 7167 *Glochidion leiostylum* Kurz ?
 Y 2112 2189 2376 R 1526 Y 2059 R 1535 *Glochidion penangense* Muell.
 Y 2481 *Glochidion borneense* Boerl
 Y 2305 " " ?
 B 7407 " " ?
 The few other numbers of *Glochidion* I can carry no further at present
 B 6926 *Endospermum sumatranum* Merr.n.sp.
 R 1381 *Gelonium bifarium* Roxb ?
 B 8231, R 367 *Gelonium multiflorum* Juss
 R 32 1494, B 6981 8194 R 1209 *Galearia aristifera* Miq
 B 6785 *Galearia aristifera* Miq
 R 1407 *Galearia phlebocarpa* (R.Br.) Miq. var
 R 171, 1329 Y 1654 *Galearia phlebocarpa* (R.Br.) Miq
 B 7326 *Elatiospermum tapos* Blume
 B 8710 *Croton caudatus* Giesel (in all probability; very badly broken material)
 R 377 *Croton caudatus* Geisel
 R 1486 *Cnesmone javanica* Blume
 H & R 1308 Y 1263 *Cleistanthus myrianthus* (Hassk.) Kurz
 R 1419 *Bridelia monoica* (Lour.) Merr. var
 R 1485 *Claoxylon longifolium* (Bl.) Miq
 R 1444 B 6850, 8400 *Claoxylon polot* (Burm.f.) Merr.
 B 8402 ~~Claoxylon~~ *Cleidion spiciflorum* (Burm.f.) Merr.
 B 6588 *Breynia rhamnoides* Muell
 B 6472, 7215 R 1270 *Breynia reclinata* Hk.f
 R 1413, B 6391 *Breynia patens* Benth
 B 6930 *Baccaurea*; apparently new, but I cannot definitely place in its proper section until male fls come in.
 B 7583 7585, 7584 R 203 *Baccaurea parviflora* Muell.
 B 7072 *Baccaurea griffithii* Hook.f.
 R 204 *Aporosa* sp. fls needed
 B 7602 *Aporosa frutescens* Bl
 R 380 *Aporosa aurea* Hk.f.

Sumatra 21

- R 1528, 1226, 283, 338 *Mallotus porterianus* Muell.
 B 8152 Y 1788 B 8401 *Mallotus oblongifolius* Muell.
 (not M. dispar)
 R 334 *Mallotus macrostachys* Muell
 R 167, 334 " " "
 B 8286 *Mallotus repandus* Muell
 B 7656 *Macaranga bartlettii* Merr.n.sp.
 R. 1235 *Macaranga divergens* Muell.
 Y 2602 *Macaranga gigantea* (Rchb.f. & Zoll.) Muell.
 B 8075 *Macaranga triloba* Muell
 R 192 *Macaranga denticulata* Muell
 B 6892 *Macaranga javanica* Muell.
 B 6462 *Homalanthus populneus* Pax.
 R 1527, 29, B 7258 (sterile; or does your specimen by chance have female fls or fruits ?) *Botryophora kingii* Hook.f.!
 A wonderfully interesting find; two collections recorded, and so far only male fls known Am sure this belongs in tribe with *Macaranga-Mallotus* etc., but Pax and Hoffmann do not include it, and Engl. & Prantl place the genus among those of uncertain status. I never saw this before, but worked it out by the rather tedious process of "generic elimination"
~~R 1435 *Sebastiania chaemala* Muell.~~
 R. 1435 *Sebastiania chaemala* Muell.
 H 1240 Y 1739 B 7613 R 59 1514, 1212, 1225 *Trigonostemon sumatranus* Pax & Hoffm. But I rather doubt the species being distinct from the Mal.Penin T. *malaccanua* Muell., while the Yunnan T. *thyrsoides* Stapf is very very close.
 R 1044 B 6459 *Sauropus androgynus* (Linn.) Merr.
 B 7621 *Microdesmis casearifolia* Planch
 H & R 776 R 1109 *Phyllanthus urinaria* Linn
 B 8142 *Phyllanthus niruri* Linn
 B 8293 *Richeriella* sp ? but if so the generic limits will have to be extended somewhat. So far monotypic, (Palawan, Philippines), but I have specimens of another species from Indo-China collected by O.Kuntze, and I found a specimen from the Malay Peninsula at Kew, representing another species. Female fls or fruits, Or both, needed
 R 1389 prob *Euphorbiaceae*, staminate only, no good fls (only young buds, open fls fallen) staminate needed
 B 7089 *Euphorbiaceae* ??? fls too young to be sure.
 Orchidaceae: I'm no orchid specialist, but the more I compare specimens the more I am inclined to the belief that among orchidologists a species is merely "one plant perched on another one somewhere in the tropics" to paraphrase one of Gleason's definitions. However, I am pretty confident that my determinations, as far as I have been able to carry them, are reasonably correct !!!
 H 1200 B 7013 *Plocoglottis javanica* Bl. or very near.
 B 8547 *Eria* ?
 B 7738 *Calanthe*
 H 1193, 1238 *Tropidia curculigides* Lindl.
 B 8421 *Vanilla*
 B 7990 *Coelogyne*
 B 6771 *Liparis* no fls.
 H & R 707 *Liparis crenulata* Lindl ?
 Y 1789, 1848, B 6645 *Agrostophyllum hasseltii* (Bl.) JJSm.
 (not *Appendicula*)
 R 321 *Podochilus* sp.
 Y 1605 *Podochilus tenuis* Lindl (not *Appendicula*)
 B 7633 *Cymbidium longifolium* Don ?
 H & R *Thrixspermum* sp.
 B 7216, 8089 *Cymbidium amplexicaule* (Bl.) Rchb.f.

Sumatra 22

- B 8493 *Malaxis* (probably; but my specimen has no inf.
H & R 1163 *Eulophia*
B 6378 *Eulophia squalida* Lindl
B 7562 *Galeola nudiflora* Lour.
B 6437 *Calanthe furcata* Batem ("veratrifolia" auctt.)
H 1124 282, B 6420 *Nieuwiedia veratrifolia* Bl.
B 6525 *Phaius blumei* Lindl
H & R 692, 697a, B 6524 *Eria* spp. (three species, 692
in the section (or genus) *Trichotosia*)

Melastomataceae:

- B 7050a, 7296 Y 2278 *Marumia muscoba* Blume (not *vulcanica*)
Y 2012 1424 *Anplectrum yatesii* Merr.n.sp. (not *Disso-
chaeta appendiculata* Bl.)
B 6900 6995 7315 *Dissochaeta sumatrana* Merr.n.sp.
B 8080 *Dissochaeta celebica* Bl
B 7496 R 1216 *Dissochaeta gracilis* Bl.
Y 2214 B 6913 Y 1746 *Kibessia galeata* Bl.
B 7423 *Kibessia tetraptera* Miq
R 1349 *Kibessia* ? *azurea* (Bl. DC.?
B 6569 *Pachycentria tuberculata* Korth
B 7107 *Pachycentria* ? no fls.
B 8511 *Sonerila exacoides* Ridl
B 7697 Y 1642 *Sonerila obliqua* Korth
B 8457 *Sonerila heterophylla* Jack
Y 2336 B 7368, 7379 6997 *Sonerila* sp.
B 6629 *Sonerila* ??? no fls
B 8512, 7983 *Sarcopyramis nepalensis* DC
B 6869 H 1249 *Pternandra caerulea* Jack
R 216 B 8741 *Memecylon laevigatum* Bl. (*M. myrtilla* Bl.)
B 7282 7288 *Memecylon garcinoides* Bl
R 215 *Memecylon beccarianum* Cogn.
R 1463 *Memecylon laruei* Merr ?
B 6624 *Melastoma*; very apt to be undescribed, the very
narrow leaves characteristic, but neither fls nor fruits
R 1215 *Melastoma*; the fls too young. It may eventually
prove to be an *Otanthra*
B 7550 *Melastoma velutinosum* Ridl
B 7684 8344 *Melastoma "polyanthum"* Bl. A collective
species, by many sunk in the even more "collective" *M.*
malabathricum Linn
Y 2357 *Melastoma asperum* Bl.
B 7889 H 1186 B 7396 *Melastoma decemfidum* Roxb. (*M. pul-
cherrimum* Kprth. from Sumatra, may prove to be a syn.)
Y 1527 B. 8660, 6570 *Medinilla* sp. perhaps new, but fls
essential.
H & R 708 B 7828 *Medinilla speciosa* Bl.
B 8626 Y 1982 *Medinilla javanensis* Bl.
Y 2279, 1423, 1977 B 8000, (6508 ?) *Medinilla vulcanica*
Ridl. (*haud clarkei*) also 1493 Yates
B 6582 *Medinilla septuplinervia* Cogn
B 7657 R 110 *Medinilla hasseltii* Bl
R 1249a 1509 *Kibessia* ???
B 6735 X *Blastus cogniauxii* Stapf
Y 2154 B 8078 *Phyllagathis rotundifolia* (Jack) Bl.
B 7974 8351 Y 1403 H & R 716 *Oxyspora racemosa* Ridl.
(not *Blastus*)
Y 2353, B 7851 *Oxyspora sumatrana* Merr.n.sp
B 7870 *Dissochaeta biligulata* Korth (not *Anplectrum*)

Myrtaceae:

- B 7846, ~~R 153~~ *Leptospermum javanicum* Blume.
R 153 *Rhodamnia cinerea* Jack

Sumatra 23

- R1342 *Eugenia pseudomormosa* King ??? fls all detached
Y 1612, 2578 *Eugenia inophylla* Roxb
Y 2288 R 1281 *Eugenia oblata* Roxb
Y 1569 *Eugenia caudata* King
B 7019 7619 *Eugenia filiformis* Wall
B 7614 *Eugenia clavata* (Korth) Merr
B 6931 Y 1700 *Eugenia densiflora* (Roxb.) DC
Y 2379 *Eugenia fastigiata* Blume
Y 1911 *Eugenia jambos* L
B 8015 *Eugenia spicata* Bm
B 7875 *Eugenia bracteolata* Wight
Y 2611, 1205 *Eugenia jamboloides* K. & V
B 7536 R 1513, 1469, 254 *Eugenia* sp. (group of *E. bracteolata*)
B 8012 *Eugenia* sp. fls essential.
- Balsaminaceae:
Y 1189 *Impatiens platypetala* Lindl.
Y 2453 *Impatiens delectans* Ridl. Topotype.
~~B 1853, 6499~~ *Impatiens* spp.
- Amaryllidaceae:
B 7605 *Curculigo villosa* Wall.
B 6558 R 163 *Curculigo sapitulata* (Lour.) O.Ktz
B 6755, 8250, 6916 R 378 *Curculigo glabrescens* (Ridl.) Merr.
- Acanthaceae:
B 7375, 6628, 8518, 8170 Y 2321 *Staurogyne* ? (cf. *subglabra* Clarke) (not *Justicia*)
~~H & R 764 Hemigraphis ?~~
H & R 764 *Hemigraphis* ? cf. *Strobilanthes* --no fls (no corollas)
Y 15 1406, B 6592 *Strobilanthes bibracteatus* Blume
Y 2149 *Strobilanthes filiformis* Bl. (*S. sumatrana* Miq.)
an *S. multiflora* Ridl ?
H & R 784 *Strobilanthes* ? no fls (corollas)
Y 1295 *Strobilanthes ancolana* Miq. (*S. cernua* var. *macrostachya* Hall.f.)
B 8217 *Strobilanthes* sp
R 1404 *Staurogyne setigera* (Nees) O.Ktz
Y 1765, 13811095 *Peristrophe acuminata* Nees
Y 2519 *Justicia procumbens* Linn
H & R 684 *Justicia glandulosa* Ridl
R 67 *Justicia* ?
B 8143 Y 1903 R 1474 *Justicia ptychostoma* Nees
Y 2471 *Hypoestes rosea* Decne
B 8156a *Hygrophila saxatilis* Ridl.
H & R 1293 *Hygrophila obovata* Nees
H 1062 *Hygrophila salicifolia* (Vahl) Nees
B 6486 8217a 6476 *Pseuderanthemum sumatrense* (Ridl.) Merr,
E 1085 *Hemigraphis alternata* (Burm.f.) T.Anders
(I do not know "my way around" very well in this peculiarly perplexing family, where generic classification has been so finely drawn in some cases as to require pollen grain characters; while in other groups the segregations are apparently very broad indeed)
- Miscellaneous specimens "out of order" or unplaced:
B 7593 indet; possibly *Icacinaceae*; fls needed.
Y 2033 B 7545 *Scrophulariaceae* ? Unknown to me. Might however be *Gesneriaceae*
B 7144 *Deplanchea* ??? If so new, but with but a single flower and an otherwise fragmentary specimen I can go no further
R 376 *Deplanchea* ? (perhaps *D. bancana* (Scheff.) Van Sl. (very fragmentary specimen, no leaves)
R 1391 *Eyodia latifolia* DC
B 6599 *Cestrum fasciculatum* Miers

Sumatra 24

- B 7310 7284 7341 Byttneria (Buettneria) curtisii Oliv.
 B 8073 Aporosa ? with galls no fls or fruits
 B 8042 a sterile specimen; cannot suggest its place
 B 7105 Brownlowia ???; a sterile specimen Might belong in
 some quite unrelated family
 R 1392 Osmelia bartlettii Merr
 R 1430 Micromelum pubescens Bl
 H 1244 Drypetes ????? A sterile specimen; suggests also
 Polyalthia et al, Anonaceae
 B 7320 indet; no fls or fruits Suggests Cnestis, but "big
 tree" forbids

This gives all numbers I have here, other than those that were
 named, as far as I can name them, in the preliminary lists.
 In the not distant future you will receive a list of names
 of the Washington "singles". When you shall have entered
 all names on your ~~list~~ numerical list, and on the speci-
 mens, I suggest that where there are discrepancies that you
 send the sheets to me. Doubtless, I being my own typist
 in preparing these lists, I have sometimes hit the wrong
 number. Any numbers that you may have in duplicate
 would be gratefully received here ~~xxx~~ especially ferns named
 by Copeland, of which there are none in N.Y., and the "lost
 numbers" of the last Rahmat Si Toroos collection. Now that
 I have worked through this lot, and thereby gained a much
 better working knowledge of the Sumatran flora, I am sure
 that I can promptly name the recent Rahmat Si Toroos col-
 lection with little delay. When you make up the study
 set I wish that you would send along any notes that ~~it~~ may
 be available, ---even native names frequently suggest
 relationships--- and make the study set as complete
 as the material will permit.

EDM

Oct 17, 1932



Bartlett, Harley Harris et al. 1932. "Sumatra Collections, Yates, Bartlett, Hamel, Rahmat Si Toroes, etc." *Plant lists*

View This Item Online: <https://www.biodiversitylibrary.org/item/227883>

Permalink: <https://www.biodiversitylibrary.org/partpdf/266133>

Holding Institution

Harvard University Botany Libraries

Sponsored by

CLIR

Copyright & Reuse

Copyright Status: Public domain. The Library considers that this work is no longer under copyright protection

License: <https://creativecommons.org/licenses/by-nc-sa/4.0/>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.