

A contribution to the Flora of Salsette Island, Bombay (Malad-Madh Area)

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INTRODUCTION

Though many distinguished botanists have explored various parts of Bombay, none seems to have paid particular attention to Bombay and Salsette islands. The area selected for the present study covers much of the western part of Salsette Island, just north of Bombay city and island. The area of Malad-Madh is divided into two rather unequal parts by the Western Railway, which runs NS. The portion on the eastern side of the railway line consists of cultivated fields just above sea-level, with an occasional hill rising up to 100 m. The western portion of the area covers Madh Island, and is separated by Malad Creek; a large part of this section is covered by mud flats which, at high tide, become fully submerged.

The climate of the area is of the monsoon type, with a rainless and comparatively cool season from November to February, a hot dry season from March to May, and very wet season during June to September. The average rainfall for the area is 220 cm. going up to a maximum of 350 cm. and a minimum of 156 cm.

There is practically no spot in the area, which has not been subjected to very drastic deforestation; constant cutting of woody species, overgrazing on the herbaceous plants, and summer fires have all combined to turn the area into a very poor type of Southern Moist Deciduous Forest, or of Deciduous Monsoon Forest, to use the terminology of Champion. With the advent of the monsoon, however, the ground becomes covered with dense herbaceous vegetation; the cultivated fields soon turn a brilliant green with *Oryza sativa* Linn. covering almost every inch of their surface.

Along the sea shores and sea creek the typical mangrove vegetation can be seen throughout the year; but even here there is constant cutting of woody species either for firewood or for the tanning of fishing nets.

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It is rare to see any mangrove tree over 3 metres in height in the area.

In the following enumeration, the order is the same as that of Cooke's FLORA OF THE PRESIDENCY OF BOMBAY; the nomenclature is generally that of Cooke's FLORA, occasionally the name has been changed to what in our opinion is the correct scientific name of the plant. An asterisk before the name indicates that the plant is not listed by Cooke. In all 640 taxa of plants are enumerated, most of them collected by the junior author in the field during the years 1954-1960; all the specimens on which this paper is based are housed in Blatter Herbarium, St. Xavier's College, Bombay.

ENUMERATION OF PLANTS

RANUNCULACEAE

Clematis hedysarifolia DC.

Cleome chelidonii Linn. f.

C. gynandra Linn.

C. viscosa Linn.

ANNONACEAE

Annona squamosa Linn.

VIOLACEAE

Hybanthus enneaspermus (Linn.)

F. Muell.

MENISPERMACEAE

Cissampelos pareira Linn.

Cocculus hirsutus (Linn.) Diels

Cyclea burmanni (DC.) Hook.f.

Tinospora cordifolia (Willd.)

Miers ex Hook. f. & Thoms.

FLACOURTIACEAE

Flacourtia indica (Burm.f.) Merrill

POLYGALACEAE

Polygala chinensis Linn.

NYMPHAEACEAE

Nymphaea nouchali Burm. f.

N. stellata Willd.

CARYOPHYLLACEAE

Polycarpon prostratum (Forsk.)

Aschers. & Schweinf.

PAPAVERACEAE

Argemone mexicana Linn.

PORTULACACEAE

Portulaca oleracea Linn.

CRUCIFERAE

Brassica nigra (Linn.) Koch

Raphanus sativus Linn.

ELATINACEAE

Bergia ammannioides Heyne ex

Roth

B. capensis Linn.

CAPPARIDACEAE

Cadaba fruticosa (Linn.) Druce

Capparis sepiaria Linn.

C. zeylanica Linn.

Cleome burmanni Wt. & Arn.

GUTTIFERAE

Calophyllum inophyllum Linn.

Mammea suriga (Buch.-Ham. ex

Roxb.) Kosterm.

MALVACEAE

- Abelmoschus esculentus* (Linn.) Moench.
A. manihot (Linn.) Medic.
Abutilon indicum (Linn.) Sw.
Azanza lampas (Cav.) Alef.
Hibiscus cannabinus Linn.
H. furcatus Willd.
H. lobatus (Murr.) O. Kuntze
H. vitifolius Linn.
Malachra capitata Linn.
Sida acuta Burm. f.
S. cordifolia Linn.
S. rhombifolia L. var. *retusa* (Linn.) Masters
S. spinosa Linn.
S. veronicifolia Lamk.
Thespesia populnea (Linn.) Soland. ex Corr.
Urena lobata Linn.
Bombax ceiba Linn.

STERCULIACEAE

- Helicteres isora* Linn.
Melochia corchorifolia Linn.
Sterculia foetida Linn.
S. villosa Roxb. ex DC.
S. urens Roxb.
Waltheria indica Linn.

TILIACEAE

- Corchorus aestuans* Linn.
C. fascicularis Lamk.
C. olitorius Linn.
Grewia abutilifolia Vent. ex Juss.
G. columnaris Sm.
G. disperma Rottl. ex Spreng.
G. subinaequalis DC.
G. tiliaefolia Vahl.
Microcos paniculata Linn.
**Triumfetta pentandra* A. Rich.
T. rhomboidea Jacq.
T. rotundifolia Lamk.

BALSAMINACEAE

- Impatiens balsamina* Linn. var. *balsamina*

OXALIDACEAE

- Biophytum sensitivum* (Linn.) DC.
Oxalis corniculata Linn.

RUTACEAE

- Aegle marmelos* Corr.
Feronia limonia (Linn.) Sw.

BURSERACEAE

- Garuga pinnata* Roxb.

MELIACEAE

- Azadirachta indica* (Linn.) A. Juss.

OPILIACEAE

- Cansjera rheedii* Gmel.

CELASTRACEAE

- Celastrus paniculata* Willd.

RHAMNACEAE

- Zizyphus glabrata* Heyne ex Roth
Z. mauritiana Lamk.
Z. oenoplia Mill.
Z. rugosa Lamk.

VITACEAE

- Ampelocissus latifolia* (Roxb.) Planch.
Cayratia carnosa Gangnep.
Cissus repanda Vahl
Leea cinerea Laws.
L. edgeworthii Santapau
L. macrophylla Roxb. ex Hornem.

SAPINDACEAE

- Sapindus laurifolius* Vahl
Cardiospermum halicacabum Linn.

ANACARDIACEAE

- Anacardium occidentale* Linn.
Buchanania lanzan Spreng.
Lannea coromandelica (Houtt.)
 Merrill
Mangifera indica Linn.
Semecarpus anacardium Linn.f.

MORINGACEAE

- Moringa oleifera* Lamk.

PAPILIONACEAE

- Abrus precatorius* Linn.
Aeschynomene indica Linn.
Alysicarpus bupleurifolius (Linn.)
 DC.
A. longifolius (Rottl.) Wt. & Arn.
A. procumbens (Roxb.) Schindl.
A. glumaceus (Vahl) DC.
A. vaginalis (Linn.) DC.
Atylosia scarabaeoides (Linn.)
 Benth.
Butea monosperma (Lamk.) Taub.
B. parviflora Roxb.
Cajanus cajan Millsp.
Canavalia gladiata (Jacq.) DC.
Cicer arietinum Linn.
Clitoria biflora Dalz.
C. ternatea Linn.
Crotalaria albida Heyne ex Roth
C. filipes Benth.
C. juncea Linn.
C. leptostachya Benth.
C. medicaginea Lamk.
C. retusa Linn.
C. triquetra Dalz.
Cylista scariosa Roxb.
Dalbergia volubilis Roxb.
Derris scandens (Roxb.) Benth.
Desmodium dichotomum (Willd.)
 DC.
D. gangeticum (Linn.) DC.
D. laxiflorum DC.

- Desmodium triangulare* var. *con-*
gestum Santapau
D. triflorum (Linn.) DC.
D. triquetrum (Linn.) DC.
Dolichos lablab Linn.
Dunbaria glandulosa (Dalz. &
 Gibs.) Prain
Erythrina indica Lamk.
Geissaspis cristata Wt. & Arn.
Gliricidia sepium (Jacq.) Walp.
Indigofera cordifolia Heyne ex
 Roth
I. glandulosa Roxb. ex Willd.
I. astragalina DC.
I. linifolia Retz.
I. linnaei Ali
I. trifoliata Linn.
I. tinctoria Linn.
Lathyrus sativus Linn.
Moghania tuberosa (Dalz.) O.
 Kuntze
Mucuna prurita Hk.f.
Phaseolus radiatus Linn.
P. trilobus Ait.
Pisum sativum Linn.
Pongamia pinnata (Linn.) Pierre
Pterocarpus marsupium Roxb. var.
acuminatus Prain
Pueraria tuberosa (Roxb. ex
 Willd.) DC.
 **Rhynchosia rothii* Benth. ex
 Aitch.
Sesbania bispinosa (Jacq.) W. F.
 Wight
S. grandiflora (Linn.) Pers.
S. sesban (Linn.) Merrill var.
picta (Prain) Santapau
Smithia sensitiva Ait.
S. conferta Sm.
S. salsuginea Hance
Tephrosia senticosa Pers.
T. purpurea (Linn.) Pers.
T. strigosa (Dalz.) Santapau &
 Maheshwari

Teramnus labialis (Linn.f.) Spreng.
Trigonella foenum-graecum Linn.
 **Uraria rufescens* (DC.) Schindl.
Vigna capensis Walp.
V. unguiculata (Linn.) Walp.
Zornia gibbosa Span.

CAESALPINIACEAE

Bauhinia purpurea Linn.
B. racemosa Lamk.
Caesalpinia crista Linn.
Cassia absus Linn.
C. occidentalis Linn.
C. pumila Lamk.
C. siamea Lamk.
C. tora Linn.
Delonix regia (Boj.) Ref.
Tamarindus indica Linn.

MIMOSACEAE

Acacia nilotica (Linn.) Del. ssp.
indica Brenan
A. pennata (Linn.) Willd.
Leucaena leucophloea (Lamk.) de
 Wit
Mimosa pudica Linn.
Pithecolobium dulce (Roxb.)
 Benth.

VAHLIACEAE

Vahlia digyna (Retz.) O. Kuntze

DROSERACEAE

Drosera indica Linn.

RHIZOPHORACEAE

Ceriops tagal (Perr.) C. B. Robins
Rhizophora mucronata Lamk.

COMBRETACEAE

Anogeissus latifolia (Roxb.) Wall.
 ex Bedd.
Calycopteris floribunda (Roxb.)
 Lamk.

Combretum ovalifolium Roxb.
Lumnitzera racemosa Willd.

MYRTACEAE

Syzygium cumini (Linn.) Skeels
Careya arborea Roxb.
Memecylon umbellatum Burm. f.
Osbeckia truncata Don

LYTHRACEAE

Ammannia baccifera Linn.
A. multiflora Roxb.
Lawsonia inermis Linn.
Rotala densiflora (Roth) Koehne
R. indica (Willd.) Koehne
Woodfordia fruticosa (Linn.) Kurz

ONAGRACEAE

Ludwigia octovalvis ssp. *sessiliflora*
 Raven
L. perennis Linn.

TRAPACEAE

Trapa natans Linn. var. *bispinosa*
 Makino

SAMYDACEAE

Casearia elliptica Willd.
C. graveolens Dalz.

TURNERACEAE

**Turnera ulmifolia* Linn.

PASSIFLORACEAE

Passiflora foetida Linn.

CARICACEAE

Carica papaya Linn.

CUCURBITACEAE

Citrullus lanatus (Thunb.) Mansf.
Coccinia cordifolia (Linn.) Cogn.
Cucumis callosus (Rottl.) Cogn.
Cucurbita maxima Duch.

Diplocyclos palmatus (Linn.)

Jeffrey

Lagenaria leucantha (Duch.)

Rusby

Luffa acutangula (Linn.) Roxb.*L. cylindrica* (Linn.) Roem.*Mukia maderaspatana* (Linn.) M.
Roem.*Solena heterophylla* Lour.*Momordica charantia* Linn.*M. dioica* Roxb. ex Willd.*Trichosanthes anguina* Linn.*T. cucumerina* Linn.

CACTACEAE

Opuntia elatior Mill.

FICOIDACEAE

Sesuvium portulacastrum (Linn.)
Linn.*Trianthema portulacastrum* Linn.

MOLLUGINACEAE

Glinus lotoides Linn.*G. oppositifolius* (Linn.) DC.*Mollugo pentaphylla* Linn.

UMBELLIFERAE

Coriandrum sativum Linn.

RUBIACEAE

Adina cordifolia (Roxb.) Benth. &
Hk. f. ex Brandis*Borreria articularis* F.N. Will.*B. stricta* (Linn. f.) Schum.*Dentella repens* Forst.*Ixora brachiata* Roxb.*I. coccinea* Linn.*Meyna laxiflora* Robyns*Mitragyna parvifolia* (Roxb.)
Korth.*Morinda tomentosa* Heyne ex Roth*Neanotis foetida* (Hook.f.) Lewis*Oldenlandia corymbosa* Linn.*Xeromphis spinosa* (Thunb.) Keay

COMPOSITAE

**Acanthospermum hispidum* DC.*Ageratum conyzoides* Linn.*Bidens biternata* (Lour.) Merrill &
Sherff.*Blainvillea acmella* (Linn.) Philip.*Blumea eriantha* DC.*B. membranacea* DC.*B. mollis* (Don) Merrill*B. obliqua* (Linn.) Druce*B. oxyodonta* DC.*Caesulia axillaris* Roxb.*Centratherum phyllolaenum* (DC.)
Benth.*Eclipta prostrata* (Linn.) Linn.*Elephantopus scaber* Linn.*Emilia sonchifolia* (Linn.) DC.*Epaltes divaricata* Cass.*Gnaphalium indicum* Linn.*Grangea maderaspatana* (Linn.)
Poir.*Guizotia abyssinica* Cass.*Laggera aurita* (Linn. f.) Sch.-Bip.*Launaea fallax* (Jaub. & Spach.)
O. Kuntze*L. sarmentosa* (Willd.) Alst.*Sphaeranthus africanus* Linn.*S. indicus* Linn.**Synedrella nodiflora* (Linn. ex
Willd.) Gaertn.*Tricholepis glaberrima* DC.*Tridax procumbens* Linn.*Vernonia anthelmintica* (Linn.)
Willd.*V. cinerea* (Linn.) Less.*Vicoa indica* (Willd.) DC.*Xanthium strumarium* Linn.

CAMPANULACEAE

Sphenoclea zeylanica Gaertn.

LOBELIACEAE

Lobelia alsinoides Lamk.

PLUMBAGINACEAE

Plumbago zeylanica Linn.

MYRSINACEAE

Aegiceras corniculatum (Linn.)
Blanco*Embelia tsjariam-cottam* (Roem. &
Schult.) DC.

SAPOTACEAE

Madhuca indica Gmel.*Manilkara hexandra* (Roxb.) Dub.

EBENACEAE

Diospyros melanoxydon Roxb.

OLEACEAE

Jasminum malabaricum Wt.*J. multiflorum* (Burm.) Andr.

SALVADORACEAE

Salvadora persica Linn.

APOCYNACEAE

Carissa congesta Wt.*Catharanthus roseus* (Linn.) Don*Holarrhena antidysenterica* Wall.
ex A. DC.*Nerium indicum* Mill.*Thevetia peruviana* (Pers.) Merrill

ASCLEPIADACEAE

Calotropis gigantea (Linn.) R. Br.*Ceropegia bulbosa* Roxb.*Dregea volubilis* (Linn.f.) Benth.
ex Hook. f.*Holostemma annulare* (Roxb.)
Schum.*Leptadenia reticulata* (Retz.)
Wt. & Arn.*Oxystelma secamone* (Linn.)
Karst.*Pentstemon spiralis* (Forsk.)
Decne.*Pergularia daemia* (Forsk.) Chiov.

PERIPLOCACEAE

Cryptolepis buchanani Roem. &
Schult.*Hemidesmus indicus* (Linn.)
Schult.

LOGANIACEAE

Cynoctonum mitreola (Linn.) Britt.

GENTIANACEAE

Canscora diffusa (Vahl) R. Br.*Centaurium roxburghii* (Don)
Druce*Enicostemma verticillatum* (Willd.)
Baill.*Exacum pedunculatum* Linn.*E. pumilum* Griesb.*Hoppea dichotoma* Willd.*Nymphoides cristatum* (Roxb.) O.
Kuntze*N. indicum* (Linn.) O. Kuntze

HYDROPHYLLACEAE

Hydrolea zeylanica (Linn.) Vahl

BORAGINACEAE

Coldenia procumbens Linn.*Cordia obliqua* Willd.*Heliotropium indicum* Linn.*H. marifolium* Retz.*H. marifolium* Retz. var. *laxiflora*
Cooke*H. ovalifolium* Forsk.*Trichodesma amplexicaule* Roth

CONVOLVULACEAE

Argyria sericea Dalz.*Cressa cretica* Linn.*Cuscuta reflexa* Roxb.*Evolvulus alsinoides* (Linn.) Linn.*E. nummularius* Linn.*Ipomoea aquatica* Forsk.*I. cairica* (Linn.) Sw.*I. eriocarpa* R. Br.

Ipomoea fistulosa Mart. ex Choisy
I. hederifolia Linn.
I. mauritiana Jacq.
I. muricata (Linn.) Jacq.
I. nil (Linn.) Roth
I. obscura (Linn.) Ker-Gawl.
I. pes-caprae (Linn.) R. Br.
I. pes-tigridis Linn.
I. quamoclit Linn.
I. sepiaria Koen. ex Roxb.
I. triloba Linn.
Jacquemontia paniculata (Burm.f.)
 Hall. f.
Merremia aegyptia (Linn.) Urb.
M. gangetica (Linn.) Cufodont
 **M. quinquefolia* (Linn.) Hall.f.
M. tridentata (Linn.) Hall.f.
Rivea hypocrateriformis Choisy

SOLANACEAE

Datura metel Linn.
 **Physalis longifolia* Nutt.
P. minima Linn.
Solanum indicum Linn.
S. nigrum Linn.
S. surattense Burm. f.

SCROPHULARIACEAE

Centranthera indica (Linn.)
 Gamble
Dopatrium junceum (Roxb.)
 Buch.-Ham.
Limnophila indica (Linn.) Druce
L. sessiliflora (Vahl) Blume
Lindernia antipoda (Linn.) Alst.
L. ciliata (Colsm.) Pennell
L. crustacea (Linn.) Muell.
L. oppositifolia (Retz.) Mukerjee
L. parviflora (Roxb.) Haines
L. viscosa (Hornem.) Boldingh
Peplidium maritimum (Linn.f.)
 Wettst.
Rhamphicarpa longiflora (Arn.)
 Benth.

Scoparia dulcis Linn.
Sopubia delphinifolia (Roxb.) Don
Stemodia viscosa Roxb.
Striga lutea Lour. var. *lutea*
S. angustifolia (Don) Saldhana
Torenia asiatica Linn.

LENTIBULARIACEAE

Utricularia flexuosa Vahl
U. reticulata Sm.
U. inflexa Forsk. var. *stellaris*
 (Linn.f.) Taylor

BIGNONIACEAE

Heterophragma quadriloculare
 (Roxb.) K. Schum.
Oroxylum indicum (Linn.) Vent.
Stereospermum personatum
 (Hassk.) Chatterjee

PEDALIACEAE

Pedaliium murex Linn.
Sesamum indicum Linn.

MARTYNIACEAE

Martynia annua Linn.

ACANTHACEAE

Acanthus ilicifolius Linn.
Andrographis paniculata (Burm.f.)
 Wall. ex Nees
Barleria prattensis Santapau
B. prionitis Linn.
Blepharis asperrima Nees
B. maderaspatensis (Linn.) Roth
B. molluginifolia Pers.
Dicliptera verticillata (Forsk.)
 Christ.
Dipteracanthus prostratus (Poir.)
 Nees
Ecbolium viride (Forsk.) Alst. var.
dentata Raizada
Eranthemum roseum (Vahl) R. Br.

Gantelbua urens (Heyne ex Roth)
Bremek.

Gendarussa vulgaris Nees

Haplanthus nilgherrensis Wt.

Hemiadelphis polyspermus Nees

Hemigraphis latebrosa Nees var.
heyneana Bremek.

Hygrophila auriculata (Schumach.)
Heine

H. serpyllum (Nees) T. Anders.

Justicia procumbens Linn.

J. simplex D. Don

Lepidagathis cuspidata Nees

L. trinervis Nees

Neuracanthus sphaerostachyus
(Nees) Dalz.

Peristrophe bicalyculata (Retz.)
Nees

Rhinacanthus nasuta (Linn.) Kurz

**Ruellia tuberosa* Linn.

Rungia pectinata (Linn.) Nees

R. repens (Linn.) Nees

VERBENACEAE

Avicennia alba Blume

A. officinalis Linn.

Clerodendrum inerme (Linn.)
Gaertn.

C. multiflorum (Burm.f.)
O. Kuntze

Gmelina arborea Roxb.

Lantana camara Linn. var.

aculeata (Linn.) Moldenke

Phyla nodiflora (Linn.) Greene

Premna corymbosa (Burm.f.)
Rottl.

Tectona grandis Linn.f.

LABIATAE

Anisomeles heyneana Benth.

Hyptis suaveolens (Linn.) Poit.

Leucas aspera (Willd.) Spreng.

L. mollissima Benth.

Ocimum americanum Linn.

Ocimum basilicum Linn.

O. gratissimum Linn.

Orthosiphon glabratus Benth.

Pogostemon parviflorus Benth.

NYCTAGINACEAE

Boerhavia diffusa Linn.

AMARANTACEAE

Achyranthes aspera Linn.

Aerva lanata (Linn.) Juss.

**Alternanthera ficoidea* (Linn.)
R. Br.

**A. pungens* H.B.K.

A. sessilis (Linn.) R. Br.

Amaranthus hybridus Linn. ssp.
cruentus (Linn.) Thell. var.
paniculatus (Linn.) Thell.

A. spinosus Linn.

A. tricolor Linn.

A. viridis Linn.

Celosia argentea Linn.

Digera muricata (Linn.) Mart.

**Gomphrena celosioides* Mart.

Nothosaerva brachiata (Linn.) Wt.

BASELLACEAE

Basella rubra Linn.

CHENOPODIACEAE

Arthrocnemum indicum (Willd.)
Moq.

Suaeda fruticosa (Linn.) Forsk.

POLYGONACEAE

Antigonon leptopus Hk. & Arn.

Polygonum glabrum Willd.

P. plebeium R. Br.

ARISTOLOCHIACEAE

Aristolochia indica Linn.

PIPERACEAE

Peperomia pellucida (Linn.)
H.B.K.

LAURACEAE

- Cassytha filiformis* Linn.
Litsea deccanensis Gamble

LORANTHACEAE

- Dendrophthoe falcata* (Linn.f.)
 Ettings.
Viscum articulatum Burm. f.

EUPHORBIACEAE

- Acalypha indica* Linn.
Breynia patens Rolfe.
Bridelia hamiltoniana Wall. ex
 Muell.
B. retusa (Linn.) Spreng.
 **B. squamosa* (Lamk.) Gehrm.
Chrozophora prostrata Dalz.
Euphorbia bombaiensis Santapau
E. hirta Linn.
E. neriifolia Linn.
E. parviflora Linn.
Excoecaria agallocha Linn.
Jatropha gossypifolia Linn.
Kirganelia reticulata (Poir.) Baill.
Mallotus philippensis (Lamk.)
 Muell.-Arg.
Phyllanthus fraternus Webster
P. maderaspatensis Linn.
P. urinaria Linn.
Ricinus communis Linn.
Securinega leucopyrus (Willd.)
 Muell.-Arg.
S. virosa (Roxb. ex Willd.) Pax &
 Hoffm.
Trewia polycarpa Benth. &
 Hook.f. ex Hook.f.

ULMACEAE

- Holoptelea integrifolia* (Roxb.)
 Planch.
Trema orientalis (Linn.) Lour.

URTICACEAE

- Fleurya interrupta* (Linn.) Gaud.

- Pilea microphylla* (Linn.) Liebm.
Pouzolzia zeylanica (Linn.) Benn.

MORACEAE

- Ficus asperrima* Roxb.
F. bengalensis Linn.
F. drupacea Thunb. var. *pubescens*
 (Roth) Corner
F. hispida Linn.f.
F. racemosa Linn.
F. religiosa Linn.
F. tinctoria Forst. f. ssp. *parasitica*
 King var. *parasitica*
F. virens Ait.
Streblus asper Lour.

CASUARINACEAE

- Casuarina equisetifolia* Forst.

CERATOPHYLLACEAE

- Ceratophyllum demersum* Linn.

HYDROCHARITACEAE

- Blyxa echinosperma* (Clke.)
 Hook.f.
Hydrilla verticillata (Linn.f.)
 Royle
Ottelia alismoides (Linn.) Pers.

ORCHIDACEAE

- Acampe praemorsa* (Roxb.)
 Blatter & McCann
Dendrobium ovatum (Willd.)
 Kranzl.
Habenaria marginata Coleb.
Rhynchostylis retusa (Linn.) Blume

ZINGIBERACEAE

- Costus speciosus* (Koenig ex
 Roxb.) Smith
 **Curcuma inodora* Blatter

HYPOXIDACEAE

- Curculigo orchoides* Gaertn.

TACCACEAE

Tacca leontopetaloides (Linn.)
O. Kuntze

DIOSCOREACEAE

* *Dioscorea belophylla* Voigt
D. bulbifera Linn.
D. pentaphylla Linn.
* *D. wallichii* Hk.f.

LILIACEAE

Asparagus racemosus Willd. var.
javanica Baker
Chlorophytum tuberosum (Roxb.)
Baker
Gloriosa superba Linn.
Iphigenia indica (Linn.) Gray
Scilla hyacinthina (Roth) Macbr.
Urginea indica (Roxb.) Kunth

SMILACACEAE

Smilax zeylanica Linn.

COMMELINACEAE

Commelina benghalensis Linn.
C. diffusa Burm. f.
C. hasskarlii Clke.
C. paleata Hassk.
Cyanotis axillaris (Linn.) Schult.
C. cristata (Linn.) Schult.
C. fasciculata (Heyne ex Roth)
Schult.
Murdannia nudiflorum (Linn.)
Brenan
M. semiteres (Dalz.) Santapau
M. spiratum (Linn.) Brück.
M. versicolor (Dalz.) Brück.

PALMAE

Borassus flabellifer Linn.
Caryota urens Linn.
Cocos nucifera Linn.
Phoenix sylvestris (Linn.) Roxb.

PANDANACEAE

Pandanus tectorius Soland. ex
Parkinson

TYPHACEAE

Typha angustata Bory & Chaub.

ARACEAE

Amorphophallus campanulatus
(Roxb.) Blume ex Decais.
A. commutatus (Schott) Engler
Colocasia esculenta (Linn.) Schott.

ALISMACEAE

Limnophyton obtusifolium (Linn.)
Miq.

APONOGETONACEAE

Aponogeton natans (Linn.) Krause
& Engler

ERIOCAULACEAE

* *Eriocaulon diana* Fyson
* *E. diana* Fyson var. *longibrac-*
teatum Fyson
* *E. eleanorae* Fyson
* *E. vanheurkii* Muell.-Arg.

CYPERACEAE

Cyperus albomarginatus Mart. &
Schröd.
C. arenarius Retz.
C. bulbosus Vahl
C. compactus Retz.
C. difformis Linn.
C. exaltatus Retz.
C. iria Linn.
C. kyllingia Endl.
C. leucocephalus Retz.
C. malabaricus (Clke.) Cooke
* *C. metzii* (Hochst.) Mattf. &
Kükenth.
C. michelianus (Linn.) Link ssp.
pygmaeus (Rottb.) Aschers. &
Graebn.

Cyperus nutans Vahl var. *eleusinoioides* (Kunth) Haines
C. pangorei Rottb.
C. pumilus Linn.
C. rotundus Linn.
C. squarrosus Linn.
C. tenuispica Steud.
C. triceps (Rottb.) Endl.
Eleocharis atropurpurea Kunth
E. acutangula (Roxb.) Schult.
Fimbristylis aestivalis Vahl
F. bisumbellata (Forsk.) Bub.
F. dichotoma (Linn.) Vahl
F. falcata (Vahl) Kunth
F. ferruginea (Linn.) Vahl
F. littoralis Gaud.
F. miliacea (Linn.) Vahl
F. polythricioides Vahl
F. spathacea Roth
F. schoenoides Vahl
F. tenera Roem. & Schult.
F. tetragona R. Br.
Fuirena ciliaris (Linn.) Roxb.
Rhynchospora wightiana (Nees) Steud.
Scirpus articulatus Linn.
S. grossus Linn.f.
S. lateriflorus Gmel.
S. maritimus Linn.
Scleria tessellata Willd. var. *biflora* Blatt. & McC.

GRAMINEAE

Aeluropus lagopodioides (Linn.) Trin. ex Thw.
Apluda mutica Linn.
Arthraxon lancifolius (Trin.) Hochst.
Arundinella metzii Hochst.
Bothriochloa pertusa (Linn.) A. Camus
Brachiaria ramosa (Linn.) Stapf
Capillipedium filiculme (Hook.f.) Stapf

C. huegelii (Hack.) Camus
Chionachne koenigii (Spr.) Thw.
Chloris barbata (Linn.) Sw.
 * *C. montana* Roxb.
 * *C. quinquesetica* Bhide
 * *C. virgata* Sw.
Coix lachryma-jobi Linn.
Cynodon dactylon (Linn.) Pers.
Dactyloctenium aegyptiacum (Linn.) P. Beauv.
D. scindicum Boiss.
Desmostachya bipinnata (Linn.) Stapf
 * *Digitaria adscendens* (H.B.K.) Henrard
 * *D. adscendens* (H.B.K.) ssp. *adscendens* var. *criniformis* Henrard
D. granularis (Trin.) Henrard
D. longiflora (Retz.) Pers.
D. stricta Roth var. *stricta*
 * *D. timorensis* (Kunth) Balsana ssp. *blepharophora* Henrard
Dimeria stapfiana Hubb. ex Pilger
Diplachne fusca (Linn.) Beauv.
Echinochloa colonum (Linn.) Link
E. crus-galli (Linn.) Beauv.
Eleusine indica (Linn.) Gaertn.
Elytrophorus spicatus (Willd.) A. Camus
Eragrostis ciliaris (Linn.) R. Br.
E. nutans (Retz.) Nees
E. pilosa (Linn.) Beauv.
 * *E. tef* (Zucc.) Trott.
E. tenella (Linn.) Beauv.
E. tremula (Lamk.) Hochst.
E. unioloides (Retz.) Nees ex Steud.
Eriochloa procera Hubb.
Eulalia fimbriata (Hack.) O. Kuntze
Heteropogon contortus (Linn.) Beauv.
 * *Isachne dispar* Trin.

- I. globosa* (Thunb.) O. Kuntze
 * *Ischaemum goebelii* Hack.
I. indicum (Houtt.) Merrill
 * *I. santapau* Bor
Iseilema laxum Hack.
Melanocenchris jacquemontii
 Jaub. & Spach.
Ophiurus exaltatus (Linn.)
 O. Kuntze
Oplismenus burmannii (Retz.)
 Beauv.
 * *Oryza rufipogon* Griff.
O. sativa Linn.
 * *Panicum psilopodium* Trin.
 * *P. psilopodium* Trin. var.
coloratum Hk.f.
Paspalidium flavidum (Retz.)
 A. Camus
 * *Paspalum orbiculare* Forst.
P. scrobiculatum Linn.
Pennisetum typhoides (Burm.f.)
 Stapf & Hubb.
Pseudanthistiria heteroclita
 (Roxb.) Hook.f.
Pseudoraphis spinescens (R.Br.)
 Vickary
Saccharum spontaneum Linn.
Sacciolepis interrupta (Willd.)
 Stapf
Setaria verticillata Beauv.
S. glauca (Linn.) Beauv.
S. intermedia Roem. & Schult.
 * *S. pallide-fusca* (Schum.) Stapf
S. tomentosa (Roxb.) Kunth
 * *Sporobolus capillaris* Miq.
S. marginatus A. Rich.
Spinifex littoreus (Burm.f.)
 Merrill
Themeda quadrivalvis Linn.
T. triandra Forsk.

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