

## **ESTABLISHMENT OF A HERBARIUM IN THE INSTITUTE**

N.Sasidharan  
V.P.K.Nambiar



KERALA FOREST RESEARCH INSTITUTE  
PEECHI, THRISSUR

July 1991

Pages: 48

## CONTENTS

Abstract	1	r.77.2
Introduction	2	r.77.3
Materials and Methods	4	r.77.4
Index of species in the herbarium	6	r.77.5
Results and Discussion	45	r.77.6
References	47	r.77.7

## Abstract

Kerala is endowed with a luxuriant vegetation, due to the varied climatic conditions. Nevertheless there is no established herbaria in the State. Since the establishment of the Institute, collections were made from the forest with a view to establish a reference herbarium of forest plants. In 1982 the work has been formulated in to a project with the duration of 5 years. The institute herbarium which now holds over 6000 specimens is reconginsed by the International Association of Plant Taxonomists (IAPT), and is known by the acronym KFRI.

So far we have collected about 1,400 species from the forest of Keralo, which forms about 58% of the forest flora. Among the collections there are 430 tree species which represents about 2/3 of the estimated 600 arborescent species. Besides the general collections the herbarium has a complete collection of medicinal plantss of the forests and rattans of South India. The species in the herabriue are indexed in alphabetical order with collection numbers under respective plant families.

From the forests of Trichur district which were intensely explored, several interesting plants were collected, including new taxa viz. Curcuma peethapushpa Sasi & Sivaraj. (1989), Tarenna trichurensis Sasi. & Sivaraj. and Orophea malabarica Sasi.& Sivaraj. The new taxa and new records of occurrence emphasise the need for intensive exploratory studies of the forest flora of the State.

## INTRODUCTION

The herbarium is often defined as a storehouse of mounted specimens arranged according to any known system of classification. The method of herbarium making by affixing dried specimens to paper is attributed to Luca Ghini (1490? - 1556). The process of pressing and drying for storage is an amazingly successful one in terms of longevity and easy handling. Specimens prepared as early as in 1534 by Cibo, a pupil of Ghini, is extant today. Shetler (1969) estimated that the herbarium resources of the world may include as many as 250 million specimens. The total number of specimens actually reported by various institutions is 148 million; of these 78 million are in Europe and 36 million in North America. Index Herbariorum published by the International Association of Plant Taxonomists (IAPT) gives information of name and location of various herbaria of the world, status of the institution, publication, important historical collections etc. For easy reference citation, the herbaria are known by abbreviation.

Herbarium specimens are the basic reference materials for systematic botany and related fields. Nowadays herbarium specimens are used in diverse disciplines such as cytogeography, biochemical systematics, palynology and genealogy (Rollins, 1965). The specimens carry valuable data on their identity, habitat, occurrence etc. on their accompanying labels. They are also permanent records of the flora of the concerned regions. Thus, periodic collections are also essential for information on changes in the vegetation, the status of each species in an area, to identify entrants like exotic weeds and their spread etc. The information gathered from collections is

compiled in floras, which besides serving as identification manuals are the source of information on the plant wealth of a region.

Kerala is endowed with a luxuriant vegetation due to the varied climatic conditions. Nevertheless, there is no established herbarium in the state. For any reference on the flora of the State one has to depend on the Madras Herbarium, Coimbatore or Central National Herbarium, Calcutta, the Regional and National Herbaria. A scan through the collections at these herbaria show that collections from Kerala are poorly represented, especially the endemic species, Joseph (1977) reported that 115 species described from South India has no representation in the Madras Herbarium, Coimbatore. Henry et al. (1979) published a list of 226 flowering plants that are presumably in danger of extinction in South India. Nearly one fourth of them are endemic to Kerala.

The flora of Kerala forest has not yet been thoroughly explored. After the publication of Flora of the Presidency of Madras (Gamble and Fischer, 1915-1936) several new taxa have been recorded from the region. Karthikeyan and Sharaa (1983) enumerated the 403 species added till then. Still, there is enough scope for further exploration of the flora of the state. Though attempts are being made to study the district floras recently, there is no coordinated effort to study the forest flora of the state.

Since the establishment of the Institute, specimen collections from the forests were carried out with a view to establish a reference herbarium having a complete representation of the forest flora of the State. Though collections were made since 1977, only in 1982 the work

was formulated into a project, the first phase extending for a period of five years. Initially random collections were made from various forest regions. For the last few years we have been concentrating on Forest Divisions as collection units, with the idea of covering given units over a stipulated period.

At present the Institute's herbarium holds over six thousand specimens. When the collection exceeded 5000 specimens, request was made to IAPT for recognition and inclusion in the roster of Index Herbariorum. Accordingly the Institute herbarium has been given the abbreviation KFRI (Taxon 37: 503. 1988). More details pertaining to the Institute herbarium will be published in the forthcoming edition of the Index Herbariorum.

## Materials and Methods

Several trips were undertaken throughout the state for collection of specimens. The trips were of one day to one week duration. During the collection trips as far as possible only specimens with flowers or fruits were collected, Usually four or more specimens of a plant were collected. They were given collection numbers in the field, Herbs and orchids sometimes collected in vegetative stage were cultivated in the Institute and herbarium specimens were made from them when they flowered. flowers and fruits were pickled for detailed study. Field notes on details such as colour of the flower, bark, blaze characters, exudate from bark, habit, habitat, distribution, local names etc. were recorded in the field book,

The specimens were pressed in a field press during the collection trip and were subsequently transferred to a screw press in the Institute. Fleshy and woody fruits were dried separately to prevent breakage while pressing. The specimens were poisoned with mercuric chloride dissolved in rectified spirit. The 'wet method' of pressing was also followed occasionally in the field.

The specimens were mounted using the synthetic adhesive 'Fevicol'. Before mounting, the specimens were poisoned again with mercuric chloride and sodium pentachlorophenate dissolved in rectified spirit. Only two specimens of a collection number were mounted. Stiches were put whenever necessary in order to provide stability to the mounted material. Often a paper packet was affixed to the mounting board to accommodate detached flowers and fruits.

The specimens were identified with pertinent literature and by comparing with authentic specimens. Whenever necessary, specimens were referred to specialists for identification and confirmation. Herbarium label with details like collection number, date of collection, locality, botanical name, family, habit, altitude, habitat, distribution, local names, notes and collector's name was affixed to the mounted specimen.

Accessioning: The specimens were serially numbered and entered in the accession register before incorporating into the herbarium cabinet. In addition, the particulars of each accessioned specimen, such as name of species family, collector's name, collection number, date of accessioning etc., were recorded in the accession register.



Indexing: Index cards were prepared for all species in the herbarium. In the index cards, the accession number of all the specimens of the species, localities, collector's name(s), date of collection, collection number and notes indicating whether the specimen is with flowers, fruits were recorded . The cards were arranged in alphabetical sequence under each genus and the genera under each family. The families were also arranged in alphabetical order.

Arrangement : The specimens of a species are placed inside species cover and all the species under a genus, inside genus cover in the alphabetical order. The genera also follow an alphabetical sequence under respective plant families. The families are arranged according to the system of classification of flowering plants by Bentham and Hooker with delimitation to certain families in accordance with their current concepts. A booklet on the arrangement of the herbarium has been prepared, for easy reference.

Curation of specimens : Fumigation of the herbarium room has been carried out using methyl bromide and aluminium phosphide. Paradichlorobenzene is also being used once in three months as insect repellent. Occasional fungal growth seen on some specimens during rainy season were removed by brushing the specimens with mercuric chloride and sodium pentachlorophenate dissolved in rectified spirit followed by drying.

## Index of species in the Herberium

The names of species in the Herbarium are indexed below. The species are arranged in alphabetical sequence under respective families. The families are also arranged in alphabetical order under three divisions viz. Dicotyledons, Monocotyledons and Gymnosperms.

Against the species, the collector's name and collection number are given. The collector's names are mostly abbreviated. The abbreviations used are NS (N. Sasidharan), VPK (V.P.K. Nambiar), NG (N. Gopalakrishnan Nair), CR (C. Renuka), MK (Muktesh Kumar), KS (K. Swarupanandan) and VVS (V.V. Sivarajan).

## DICOTYLEDONS

### ACANTHACEAE

- Acanthus illicifolius* Linn.  
*Andrographis elongata* (Vahl) T., Anders.  
*A. macrobotrys* Nees  
*A. neesiana* Wt.  
*A. paniculata* (Burm.f.) Uall. ex Nees  
*Barleria buxifolia* Linn.  
*B. courtallica* Nees  
*B. cristata* Linn.  
*B. prattensis* Sant.  
*B. prionitis* Linn.  
*Blepharis madraspatensis* (Linn.) Heyne ex Roth  
*Bremekampia neilgherrensis* (Wt.) Sreem.  
*Dicliptera cuneata* Nees  
*Didyplosandra lurida* (Wt.) Bremek.  
 (*Strobilanthus luridus* Wt.)  
*Dipteracanthus prostratus* (Poir) Nees  
*Ecbolium virde* var. *latevirens* (Cl.) Raitada  
*Eranthemum capenese* Linn.  
*Gymnostachyum canescens* T. Anders.  
*G. febrifugum* Benth.  
*Hemigraphis elegans* Nees var. *crenata* Cl.  
*Justicia betonica* Linn.  
  
*J. gendarussa* Linn. f.  
*J. procumbens* Linn.  
*J. santapau* Benn.  
 (*J. montana* (Nees) Yall. ex T. Anders.)  
*J. simplex* D. Don  
*J. trinervia* Vahl  
*J. wynaadensis* (Nees) T. Anders.  
*Kanjaram palghatense* Ramaa.  
*Nilgirianthes ciliatus* (Nees) Brenek.  
*Peristrophe montana* Nees  
*P. paniculata* (Forsk.) Bruamitt  
 (*P. bicalyculata* (Retz.) Nees.)  
*Phaulopsis dorsiflora* (Retz.) Sant.  
 (*Micranthus oppositifolius* Wendl.)  
*Pseuderanthemum aalabaricum* (Cl.) Gamble  
 (*Eranthemum malabaricum* Cl.)  
*Rhinacanthus nasuta* (Linn.) Kurz  
 (*R. communis* Nees)  
*Rungia apiculata* Bedd.  
*R. parviflora* Nees  
*R. wightiana* Nees  
*Staurogyne glauca* (Nees) O. Ktze.  
*S. zeylanica* (Nees) O. Ktze.  
*Thunbergia fragrans* Roxb.  
 var. *laevis* (Nees) Cl.  
*T. mysorensis* (Wt.) T. Anders.  
  
*T. tomentosa* Yall.

- Alavikutty sn  
 NS 4853  
 VPK & NS 1253, NS 4730  
 VPK 899  
 NS 5502  
 K Subramaniyam 6021  
 NS 3775  
 VPK sn., KM Sebastine 4227  
 NS 3366, 3887  
 K Subramaniyam 4633  
 VPK 1071, VPK sn.  
 NS 3916  
 NS 3920  
 VPK 247  
  
 NS 3855  
 NS 173, 3779  
 NS 142  
 NS 5316, VPK 1127  
 VPK&MK 1580  
 NS 378  
 NS 5235 VPK 481,  
 KM Sebastine 15388  
 KM Sebastine 1576, NS 4896  
 NS 199, KM Sebastine 16489  
 CR&MK 2687, NS 3389, 3773  
  
 Rice sn, VPK sn  
 NS 3917  
 NS 3912  
 VPK 1225, NS 3307  
 NS 3811, 4729  
 NS 3774, VPK 1275  
 NS 3369  
  
 NS 3744  
  
 NS 3023, 3763  
  
 NS 1428, 5214  
  
 NS 3416  
 NS 384  
 NS 5242  
 NG&NS 1668  
 NS 4755  
  
 NG&NS 1302, NS 3327, 5303  
 NS 466, 3411, 3927;  
 NG&NS 1336  
 VPK 894

**AIZOACEAE**

- Glinus lotoides* Linn. NS 3714  
*G. oppositifolius* (Linn.) DC. NS 784, 5332  
*Moullugo pentaphylla* Linn. VPK 1048, NS 790, 4956  
*Alangium salvifolium* (Linn.f.) Uang NS 1148, 205, 4612,  
*ssp. hexapetalum*(Lamk.)Wang NG&NS 1661

**AMARANTHACEAE**

- Achyranthes aspera* Linn. VPK sn  
*A. bidsntata* Bl, NG&NS 1379  
*Aerva lanata* (Linn.) Juss. VPK 1043  
*A. sanguinolenta* (Linn.) Bl. NS 3780, 4715  
(*A. scandens* (Roxb.) Wall ex Moq.)  
*Almania nodiflora* R.Br. var. *dichotoaa* Hook. f. NS 85  
*Alternanthera paronychioides* St. Hil NS 3713  
*A. sessilis* (Linn.) R. Br.ex DC, VPK sn, NS 5451  
(*A. triandra* Lank.)  
*A. tenella* Colla NS 5084  
*Amaranthus spinosus* Linn, NS 5121  
*A. viridis* Linn. NS 857  
*Celosia argentea* Linn. VPK sn  
*Cyathula prostrata* (Linn.) Bl. NS 1463, 447, 5261  
*Indobanalia thyrsoflora* (Moq)Henry & Roy VPK 249  
(*Banalia thyrsoflora* Moq)  
*Pupalia lappacea* (Linn.) Juss. VPK 1215

**ANACARDIACEAE**

- Anacardium occidentale* Linn. NS 5320  
*Holigarna arnottiana* Hook.f. NS 3771, 4808, 4888  
*H. grahamii* (Wt.) Kurz NS 453, 3352, 3029, 5249  
*Lanea coromandelica* (Houtt.) Merr. NS 712  
*Mangifera indica* Linn. NS 5567  
*Nothopegia colebrookeana* Bl. NS 3121, 3135  
*N. racemosa* (Dalz.) Ramam. VPK&MK 1590  
*N. travancorica* Bedd. ex Hook.f. NS 1479, 5523  
*Rhus mysorensis* G. Don VPK 1091, VPK sn  
*R. succedaena* Linn. var. *himalaica* UC Bhattacharya 24243  
*Semecarpus anacardium* Linn. NS 4911, 4846,  
K Subramaniyaa 6863  
*S. travancorica* Bedd. NG 1527, NS 5535  
*Spondias indica* (Wt, & Arn.) Airy Shaw & Formann NS 727, NS&NG 1678  
*S. pinnata* (Linn.f.) Kurt NS 3945

**ANCISTROCLADACEAE**

- Ancistrocladus heyneanus* Uall. ex Grah. NS 1157, 3818, NG&NS 1657,  
1691 NS&CR 3025

**ANNONACEAE**

- Artabotrys zeylanicus* Hook.) & Thoms. NS 3322, 4743  
*Cyathocalyx zeylanica* Champ. ex Hook.f. & Thoms. NS 1774  
*Desmos lawii* lHook.f. & Thoms.) Safford NS 3132, 3309, 3847, 3935  
*Goniothalamus rhyncantherus* Dunn NS 3839  
*Meiogyne pannosa* (Dalz.) Sinclair NS&KS 3068, NS  
*M. ramarowii* (Dunn) Gandhi NS 1154, 3134  
3410, 4877  
*Milium tomentosa* (Roxb.) Sinclair NS 743, 394

Mitrephora grandiflora Bedd.	NS 3492, 5055	
Orophea erythrocarpa Bedd.	NS 3140, 3837, 4771	
O. malabarica Sasi. & Sivaraj,	NS 4833	
O.thomsonii Bedd.	NS 4865	
O.unif lora Hook. f. & Thoms.	NS 3078, 5396, NGLNS 1921	
Phaeanthus malabaricus Bedd.	NS 3128, 4834	
Polyalthia coffeoides Hook.f. & Thoms.	NS 3092, NS&KS 3012	
P. fragrans Bedd.	NG 2689 NS 726, 3350, 3786, 5257, NG 1512	
Popowia beddomeana Hook.f. & Thorns.	NS 3408	
Sageraea laurifolia (Grah.) Blatt.	NS 4793, 5208, 5352	
Uvaria macropoda Thw,	NS 5012, 4786	
Uvaria narum (Dunal) Wall. ex Wt. & Arn.	NS 5519	
Xylophia parvifolia Arn.	NS 1473	
<b>APOCYNACEAE</b>		
Aganosma cymosa (Roxb.) G. Don	NS 5597	
Alstonia scholaris (Linn.) R. Br.	NS 1134, 882	
A. venenata R. Br.	NS 3680, VPK 1090	
Anodendron paniculatum A, DC.	VPK 1227, NS 3769, 4763	
A. rhinosporum Thw.	NS 3129	
Carissa inermis Vahl	NS 5272	
C. spinarum Linn.	VPK sn	
Catheranthus pusillus (Herr.) G. Don	NS 3849, 5078	
Cerbera manghas Linn.	VPKLS 2553	
Chilocarpus artavirens (G. Don) BI.	NS 3814, 3841, 3823, 5089	
Holarrhena pubescens (Ham,) wall. ex G. Don (H. <u>antidysenterica</u> (Roth) DC.)	NS 1163, 5072, VPK 1259	
Hunteria zeylanfca (Retz.) Gard. ex Thw.	NS 1160, 3921, NS&NG 1673	
lchnocarpus frutescens (Linn,) R. Br.	NS 800, 4775	
Kammetia caryophyllata (Roxb.) Nicolson & Suresh ( <u>Ellertonia rheedei</u> Wt.)	VPK&NS 2519, NS 4926	
Parsonsia alboflavescens (Dennet.)Mabber.	NS 4830	
Rauvolfia densiflora (Wall.) Benth, & Hook. f.	VPK 354, NGLNS 1900	
R. serpentina (Linn.) Benth. ex Kurt	NS 153, 3198, 3873, 5071	
Tabernaemontana gamblei Subrn. & Henry	NS 3095, 5052, 5430, 5473	
T.alternifolia Linn. (T. <u>heyneana</u> Wal l. )	NS 3200, 3707	
Vallaris. solanacea (Roth) Ktze.	NS 3686	
Wrightia arborea (Dennst.) Mabber.	NS 4772, 5019	
W. tinctoria (Linn.) R, Br,	NS 715, 645, 3659, CR&MK 2702	
<b>AQUIFOLIACEAE</b>		
Ilex thwaitesii Loesn.	VPK 263, VPK&NS 1846	
<b>ARALIACEAEA</b>		
Aralia malabarica Bedd,	NG 35	
Schefflera venulosa (Wt. & Arn. ) Harms var. venulosa	NS 3407, 5418	
S. venulosa var. obliquinervia Gamble	VPK 339, VPK&MK 1567, NS 5087	
S. wallichiana (Wt. & Arn. ) Harms	NS 5411, NS&KS 3117	
<b>ARISTOLOCHIACEAE</b>		
Aristolochia indica Linn.	NS 1478, 3424,	1083
A. tagala Cham.	NS 3111, 3629, 4797	

*Thottea barberi* (Gamble) Ding Hou  
*T. dinghoui* Swarup.  
*T. siliquosa* (Lamk.) Ding Hou

Henry 16291  
KS 302  
VPK 127, NS 3168, 3601, 4788

### ASCLEPIADACEAE

*Asclepias curassavica* Linn.  
*Calotropis gigantea* (Linn.) R. Br.  
*Ceropegia bulbosa* var. *lushii* (Grah.) Hook. f.  
*C. candelabrum* Linn.  
*C. ciliata* ssp. *ensifolia* (Bedd.) Huber  
*C. elegans* Wall.  
*C. juncea* (Roxb.)  
*C. maculata* Bedd.  
*C. pusilla* Wt. & Arn.  
*Cosmostigma racemosum* (Roxb.) Wt.  
*Cryptolepis buchananii* Roem & Schult.  
*Cynanchum callialata* Ham. ex Wt.  
*Gymnema sylvestre* (Retz.) Schult.  
*G. tingens* (Roxb.) Spreng. var. *ovalifolia* Ut.  
*Hemidesmus indicus* (Linn.) R. Br.  
*Holostemma adakodien* Schult.  
*H. annulare* (Roxb.) K. Schum.)  
*Hoya ovalifolia* Ut. & Arn.  
*H. pauciflora* R. Br.  
*Heterostemma decanensis* (Talb.) Swarup. & Mangaly  
*Pergularia daemia* (Forsk.) Chois.  
*Sarcotemma brunonianum* Wt. & Arn. ex Ut.  
*Secamone emetica* (Retz), R. Br. ex Schult.  
*Tylophora indica* (Burm. f.) Herr.  
  
*T. mollissima* Wt.  
*T. tenuis* Bl.  
*T. tetrapetala* (Dennst.) Suresh  
(*T. tenuissima* (Roxb. ex Schult.) Wt. & Arn.)  
*Wattakaka volubilis* (Linn. f.) Stapf

VPK 1187, NS 5444  
NS 704  
NS 5520  
NS 83, VPK&NS 2568  
VPK&NS 1839  
VPK sn  
VPK 1066  
NS 2954  
VPK&NS 1860  
VPK 1202  
VPK 1089, NS 3181, 3658  
NS 2955, 3876, 3895, 4799  
VPK 785; NS 3868  
NS 3180, 5407  
NS 374, 3190, 3364  
NS 1251, 4662  
  
NS 5250  
NS 5424  
NS 4676, 5259  
VPK 1059, VPK sn  
VPK&NS 1885  
VPK&NS 1886, VPK sn  
VPK 309, VPK&NS 2563,  
NS 3750, 4917  
VPK&NS 1822  
VPK 281, VPK&NS 1878  
NS 3413, 4922  
  
NS 3655, 3854

### ASTERACEAE/COMPOSITAE

*Acanthospermum hispidum* DC,  
*Adenostemma laevina* (Linn.) O. Ktze.  
*A. macrophyllum* (BI.) DC.  
*Ageratina adenophora* (Spreng.) King & Robins.  
(*Eupatorium glandulosum* Kunth)  
*Ageratum conyzoides* Linn,  
*A. houstonianum* Hill.  
*Anaphalis bournei* Fyson  
*A. decurrens* Gamble  
*A. marcescens* (Wt.) Cl.  
*A. travancorica* W. U. Sa  
*Bidena bipinnata* Linn.  
*B. biternata* (Lour.) Herr. & Scherf.  
*B. triplinervia* var. *macrantha* (Wedd.) Scherf,  
*Blaivillea acmella* (Linn.) Philip.  
*Blumea belangeriana* DC.  
*B. lacera* var. *glandulosa* Hook, f.  
*B. lanceolaria* var. *spectabilis* (DC.) Raizada

NS 854  
VPK 1277, NS 4848  
NG&NS 1346  
NS 5383  
  
NS 851  
NS 4817  
VPK 1126  
VPK 256  
VPK 288  
VPK 287  
NS 3394  
NS 5091  
VPK sn  
NS 3734  
NS 391  
VPK 483, NS 3915  
NS 4819

<i>B. membranacea</i> Wall. ex DC.	NS 5151
<i>B. oxydonta</i> DC.	NS 400
<i>Centrantherum rangacharii</i> Gamble	NS 3418
<i>Chromolaena odorata</i> (Linn.) King & Robins. ( <i>Eupatorium odoratum</i> Linn.)	NS 5263
<i>Cnicus wallichii</i> Hook. f. var. <i>wightii</i> Hook. f.	VPK 1112
<i>Eclipta prostrata</i> (Linn.) Linn. ( <i>E. alba</i> (Linn.) Hassk.)	NS 1614, NG&NS 1923
<i>Elephantopus scaber</i> Linn.	NS 841, VPK sn
<i>Eleutheranthera ruderalis</i> (Sw.)Sch.-Bip.	NS 1282
<i>Emilia sonchifolia</i> (Linn.) DC.	VPK 876, NS 3724
<i>Grangea maderaspatana</i> (Linn.) Poir.	NS 3710, 5345
<i>Gynura nitida</i> DC.	NS 1982
<i>G. travancorica</i> w. w. Sm.	VPK sn
<i>Lactuca hastata</i> DC.	Rice sn
<i>Launea sarmentosa</i> (Willd.) Sch.-Bip. ex Ktze.	VPK&NS 2573
<i>Mikania cordata</i> (Burn. f.)Robins	NS 4818
<i>Parthenium hysterophorus</i> Linn,	VPK sn
<i>Saussurea hypolema</i> Spreng.	MA Rau 311734
<i>S. lappa</i> Cl.	NC Nair 16669
<i>Sigesbeckia orientalis</i> Linn.	VPK 1003
<i>Sphaeranthus africanus</i> Linn.	VPK&NS 2560
<i>S. indicus</i> Linn.	NS 1162
<i>Synedrella nodiflora</i> (Linn.) Gaertn.	NS 836, VPK sn
<i>Tridax procumbens</i> Linn.	NS 3733
<i>Vernonia anthelmintica</i> (Linn.) Willd,	VPK 1067
<i>V. arborea</i> Ham.	VPK 296, NS 4804
<i>V. bourneana</i> w. w. Sm.	VPK 257
<i>V. cinerea</i> (Linn.) Lesch.	NS 842
<i>V. divergens</i> Edgw.	NS 472, 208, 3649, 3920
<i>Vicoa indica</i> (Willd.) Cass.	NS 373
<i>Wedelia urticaefolia</i> (Bl.)DC. var. <i>wightii</i> DC.	NG&NS 1311
<i>Xanthium indicua</i> Koen. ( <i>x.strumarium</i> Linn.)	NS 5437
<i>Zinnia elegans</i> Jacq.	VPK sn

#### AVICENNIACEAE

<i>Avicennia marina</i> (Forsk.) Vierh.	Alavikutty sn
<i>A. officinalis</i> Linn.,	Alavikutty sn

#### BALANOPHORACEAE

<i>Balanophora abbreviata</i> Bl.	NS 4679, 5171
-----------------------------------	---------------

#### BALSAMINACEAE

<i>Impatiens auriculata</i> Wt.	VPK 105
<i>I. campanulata</i> Wt.	VPK 1023
<i>I. cuspidata</i> wt.	VPK 1015, VPK&MK 1559
<i>I. goughii</i> Wt.	VPK 104, 1099, VPK&NS 1829, NS 5461
<i>I. hensloviana</i> Arn.	VPK 1018
<i>I. kleinii</i> Wt. & Arn.	VPK 103, NS 5125
<i>I. lucida</i> Heyne	VPK sn
<i>I. phoenicea</i> Bedd.	VPK 1016
<i>I. scapiflora</i> Heyne	VPK 101, NS 3316
<i>I. tenella</i> Heyne	VPK 884



**BASELLACEAE**

*Basella alba* Linn.

VPK 1069

**BEGONIACEAE**

*Begonia cordifolia* Thw.

*B. floccifera* Bedd.

*B. malabarica* Lank.

*B. trichocarpa* Dalz.

NS 1962

NS&KS 3019, NS 3016

VPK 891, NS 3902, 5134

NS 3302

**BERBERIDACEAE**

*Berberis aristata* DC.

*Mahonia leschenaultii* (Wall. ex Wt. & Arn.)

Takeda

UC Bhattacharya 24234

VPK 1116, CR 3464

**BIGNONIACEAE**

*Millingtonia hortensis* Linn. f.

*Oroxylum indicum* (Linn.) Benth. ex Kurz

*Pajanelia longifolia* (Willd.) K. Schun.

*Raderaachera xylocarpa* (Roxb.) Schum.

*Spathodea caapanulata* Beauv.

*Stereosperaur chelenoides* (Linn. f.) DC.

*S. colais* (Buch.-Ham. ex Di l lw. )Mabber.

NS 3931

VPK 1216, NS 3863

NS 3765

NS 1140, NG 1515

VPK&CR 2624

Balakrishnan 12049

NS 1250, 3648, 3753

NG & NS 1914

**BOMBACACEAE**

*Bombax ceiba* Linn.

*B. insigne* Wall.

*Ceiba pentandra* (Linn.) Gasrtn.

*Cullenia exarillata* Robyns

NS 1136

NS 1133

NS 5566

NS 2611, 5277, NS&KS 3089

**BORAGINACEAE**

*Coldenia procumbens* Linn.

*Cordia wallichii* D. Don

*Cynoglossum furcatum* Wall.

*C. meeboldii* Brand,

*Ehretia canarensis* (Cl.) Gamble

*E. pubescens* Benth.

*Heliotropium marifoliua* Retz.

(*H. scabrum* Retz.)

*Rotula aquatica* Lour.

*Tournefortia reticoaa* Wt.

*Trichodesia indicur* R. Br.

*T. zeylanicum* (Burm. f.) R. Br.

NS 763

NS 1131, 203

VPK 221

VPK sn

VPK 1220,1280,1292,

NS 4689, 4654

VPK&NS 1803

NS 768, 5077

NG&NS 1391, VPK&CR 2901,

NS 5256

NG&NS 1929, NS 5308

VPK sn

NS 3370

**BRASSICACEAE**

*Cardamine africana* Linn.

*Rorippa indica* (Linn.)Hiern

VPK 324

NS 3711

**BURSERACEAE**

*Canarius strictum* Roxb.

*Commiphora caudata* (Wt. & Arn.) Engl.

*Garuga pinnata* Roxb,

NS 475, 757, 5036

VPK&NS 1882

VPK 138

**BUXACEAE***Sarcococa coriacea* (Hook.) Sweet

VPK&amp;NS 1825, NS 5241

**CACTACEAE***Opuntia dillenii* (Ker.- Gawl.) Hamw.

VPK sn

**CAESALPINIACEAE***Bauhinia phoenicea* Wt. & Arn.

NS 1413, 5219, VPK 867

*B. racemosa* Laak.

NS 716, 3662, NG&amp;NS 1328

*B. scandens* Linn.

NS 3943, 5137

(*B. anguina* Roxb.)*Caesalpinia crista* Linn.

NS 3822

*C. cucullata* Roxb.

NS 5245

*C. hymenocarpa* (prain) Hattink

NS 5495

*C. mimosoides* Laak.

NS 3748

*Cassia absus* Linn.

NS 4622, 4687

*C. auriculata* Linn.

VPK sn

*C. fistula* Linn.

NS 3064

*C. hirsuta* Linn.

NS 5496

*C. leschenaultiana* DC.

VPK 074, VPK&amp;MK 1581

*C. mimosoides* Linn.

US 3192

*C. occidentalis* Linn,

NS 856, 3740

*C. tora* Linn.

NS 796

*Cynometra travancorica* Bedd.

NS 3381, NS&amp;KS 3077

*Hardwickia binata* Rowb.

VPK&amp;NS 1888

*Humboldtia vahliana* Ut.

NS 717,4807, NG 1526

*Kingiodendron pinnatum* (Roxb.) Harms.

NS 4741, 5057, NG 1637

*Moullava spicata* (Dalz.) Nicolson

NS 3762, 4857, 5215

*Phanera vahlii* (Benth.) Wt. & Arn.

Ktl Sebastine 10033

*Piliostigma malabaricum* (Roxb.) Benth.

NS 860, 4649

*Pterolobium hexapetalum* (Roth) Sant. & Wagh

VPK 1073, VPK sn

*Saraca asoca* (Roxb.) de Wilde

NS &amp; KS 3105, NS 4849

*Tamarindus indica* Linn.

NS 5054

**CAMAPANULACEAE***Campanula alphonsii* Uall. ex A. DC.

VPK 1104

*Wahlenbergia marginata* (Thunb.) A. DC.

VPK 1109, 261

**CANNABINACEAE***Cannabis sativa* Linn.

VPK sn, VPK 1575

**CAPPARACEAE***Capparis moonii* Wt.

NS 3790, NS&amp;CR 3019

*C. rheedei* DC.

NS1156, 5002

(*C. baduca* Rheede ex Linn.)*C. tenera* Dalz.

NS 4871

*C. zeylanica* Linn,

NS 5141, VPK &amp; NS 2542

*Crataeva nurvala* Ham.

VPK 1174, NS 4937, 5085

**CAPRIFOLIACEAE***Lonicera leschenaultii* Wall.

VPK &amp; NS 1824

*Viburnum acuminatum* Wall.

VPK 222

**CARYOPHYLLACEAE***Drymaria cordata* (Linn.) Willd. ex Roem. & Schult. NS 446, 5133

<i>Polycarpaea corymbosa</i> (Linn.) Lamk.	VPK 1080, VPK & NS 2545, NS 4614, 4631
<i>Polycarpon prostratum</i> (Forsk.) Asch. & Schewf,	NS 769
<b>CASUARINACEAE</b>	
<i>Casuarina equisetifolia</i> JR & G. Forst.	NS 3736, 3737
<b>CELASTRACEAE</b>	
<i>Bhesa indica</i> (Bedd.) Ding Hou	NS 4828, NS & KS 3085
<i>Cassine glauca</i> (Rottb.) O. Ktze.	Kedarnath sn.
<i>Celartrus paniculatus</i> Wall.	NS 1244, 3675, 4616
<i>Euonymus angulatus</i> Wt.	NG & NS 1377, NS 3634
<i>E. crenulatus</i> Wall, ex Wt. & Arn.	VPK 1113
<i>E. dichotomous</i> Heyne ex Wall.	NS & KS 3102
<i>Gymnosporia wallichiana</i> Laws.	Pascal 1480
<i>Lophopetalum wightianum</i> Arn.,	NS 3435, 5298
<i>Microtropis latifolia</i> Wt.	NG & NS 1339
<i>M. ramiflora</i> Wt.	VPK 1211
<i>M. stocksii</i> Gamble	NS 5367
<b>CHENOPODIACEAE</b>	
<i>Chenopodium album</i> Linn,	VPK 507
<b>CHLORANTHACEAE</b>	
<i>Sarcandra chloranthoides</i> Gard.	NS 3169, 3407, 5420
<b>CLEOMACEAE</b>	
<i>Cleome monophylla</i> Linn.	NS & VVS 4979
<i>C. viscosa</i> Linn.	NS 703
<b>CLUSIACEAE/GUTTIFERAE</b>	
<i>Calophyllum calaba</i> Linn.	NS 4815, 5297, 3380, 5498
( <i>C. apetalum</i> Wil ld.)	
<i>C. polyanthum</i> Wall. ex Choisy.	NS 5328
( <i>C. elatum</i> Bedd.)	
<i>Garcinia cowa</i> Roxb. ex. DC.	NS 3644
<i>G. gummi-gutta</i> (Linn.) Robs.	VPK 360, NS 3808, 5013, 5003
( <i>G. cambogia</i> Desv.)	
<i>G. morella</i> (Gaertn.) Desr.	NS 1470, 3342, 3615, 5045
<i>G. spicata</i> (Wt. & Arn.) Hook. f.	NS 3125, 3387, 3008, 4784
<i>G. talbotii</i> Raizada ex Sant.	NS 755
<i>G. wightii</i> T. Anders.	NS 5337
<i>Mesua ferrea</i> Linn.	NS 5010, NG 1750, NS & KS 3113
<i>Poeciloneuron indicum</i> Bedd.	NS 5499
<b>COCHLOSPERMACEAE</b>	
<i>Cochlospermum religiosum</i> (Linn.) Alston	VPK 23, NS 1147, 4748
<b>COMBRETACEAE</b>	
<i>Anogeissus latifolia</i> (DC.) Uall. ex Bedd.	NS 1245, 4706, 5157
<i>Calycopteris floribunda</i> (Roxb.) Poir,	NS 1137
<i>Combretum latifolium</i> B l.	3390, 4812, 4890
<i>Terminalia bellirica</i> (Gaertn.) Rowb.	NS 761, 766
<i>T. catappa</i> Linn.	NS 3728

T. crenulata Heyne ex Roth	NS 147, 863
T. paniculata Roth	NS 846, 144, NG & NS 1907
T. travsncorensis Wt. & Arn.	NS 5167

#### CONNARACEAE

Cannarus monocarpus Linn.	VPK 1286, NG & NS 1663, NS 3027, 3706
Rourea minor (Gaertn.) Alston	NS 5285, 5474

#### CONVOLVULACEAE

Cuscuta chinensis Lamk.	VPK sn.
Erycibe paniculata Roxb.	NS 1456, 3346, 3372
Evolvulus alsinoides (Linn.) Linn.	NS 1164, 4602, VPK 1042
E. nummularius (Linn.) Linn.	NS 5083
Hewittia malabarica (Linn.) Suresh (M. <u>sublobata</u> (Linn. f.) Kurz.)	NS 3371
Ipomoea alba Linn.	NS 5196
I. campanulata Linn.	VPK on,
I. eriocarpa R. Br.	NS 3913, 4917
I. hederifolia Linn.	NS 1429, 4721
I. illustris (Cl.) Prain	NS 4850
I. mauritiana Jacq.	NS 3193
I. obscura (Linn.) Ker.-Gawl.	NS 3677, 4717
I. pes-caprae (Linn.) R. Br.	VPK & NS 2565
I. pes-tigris Linn.	NS 859, 4718
I. pileata Roxb.	NS 4753
Lepistemon leiocalyx Stapf	NG 1490
Merremia chryseides (Ker.-Gawl.) Hall f.	NS 5218
M. tridentata ssp. hastata (Hall. f.) van Oost.	NS 4740, 5217
M. tridentata (Linn.) Hall. f. ssp. tridentata	VPK & NS 2554
M. umbellata Hall. f.	NS 157, VPK 1293
M. vitifolia (Burm. f.) Hall. f.	NS 452, 3781
Neuropeltis malabarica Van Oost.	NS 5331
Rivea hypocrateriformis (Lamk.) Choisy	VPK 1049

#### CORNACEAE

Mastixia arborea (Wt.) Bedd. ssp. arborea	VPK & MK 1561
M. arborea ssp. meziana (Wang) Mathew	NS 3434, 3843, 3153, 5009

#### CUCURBITACEAE

Diplocyclos palmatus (Linn.) Asch.	NG & NS 1318, NS 4733
Gymnopetalum wightii Arn.	NS 3333
Luffa acutangula (Roxb.) Cl.	NS 4727
Melothria zeylancia Cl.	NS 3320
Momordica dioica Roxb. ex Willd.	NS 1439, NG & NS 1894
Mukia leiosperma Thw.	VPK 896
M. maderaspatana (Linn.) Roem.	NS 5144, NG & NS 1902
M. scabrella Arn.	VPK sn.
Trichosanthes cucumerina Linn.	K Subraaniyan 5404
T. cuspidata Lamk.	VPK 123
T. nervifolia Linn.	K Subrasaniyaa 4976
Zehneria mysorensis (Wt. & Arn.) Arn.	NG NS 1305

#### DICHAPETALACEAE

Dichapetalum gelonioides (Roxb.) Engl.	NS 1,468, 1776, 3844, 4091
----------------------------------------	----------------------------

**DILLENACEAE**

Acrotrema arnottianum Wt.	NS 1441, 3143
Dillenia bracteata Wt.	NS 3640
D. pentagyna Roxb.	NS 702
Tetracera akara Herr.	NG & NS 1656, 1721

**DIPTEROCARPACEAE**

Dipterocarpua bourdillonii Brand.	NS sn.
D. glandulosus Thw.	Arunachalam 7 (Sri Lanka)
D. indicus Bedd.	NS 3967, 5031, NS&KS 3108
D. macrocarpus Vesq.	CTS sn
D. zeylancus Thw.	Arunachalaa 3 (Sri Lanka)
Hopea erosa (Bedd.) Van Sloot. ( <u>Balanocarpus erosa</u> Bedd.)	NS 5050
H. glabra Wt. & Arn.	NG & NS 1353
H. parviflora Bedd.	NS 3961, NS & CR 3024, NS & KS 3104
H, ponga (Dennst.)Mabber. (H. <u>wightiana</u> Wall, ex Wt. & Arn,)	NS 3611, 4920, 4921
Shorea affinis (Thw.) Ashton	Arunachalam 2 (Sri Lanka)
S. congestiflora (Thw.) Ashton	Arunachalam 10 (Sri Lanka)
S. lissophylla Thw.	Arunachalan 4 (Sri Lanka)
S. stipularis Thw.	Arunachalam 11 (Sri Lanka)
Vateria indica Linn.	VPK 361, NS 5362
V. macrocarpa Gupta	KS 3602, Chandbasha sn.

**DROSERACEAE**

Drosera burmanni Vahl	NS 3442
D. indica Linn.	NS 4632, 5484
D. peltata Sm.	VPK 1093

**EBENACEAE**

Diospyros bourdillonii Brand.	NS 745, 3605, 3936, 4066
D. buxifolia (Bl.) Hiern	NS 754, 3388, 3490
D. cordifolia Roxb.	VPK 1072
D. crumenata Thw.	NS 3377, 3954, 3122,
D. malabarica (Desv.) Kostel (D. <u>peregrina</u> (Gaertn.) Gurke)	NS 4936
D. montana Roxb.	NS 3922, 5022
D. nilagirica Bedd.	NS 3645
D. paniculata Dalz.	NS 3437, 3383, 3485, 4877, NG & NS 1936
D. pruriens Dalz.	NS 747
D. sylvatica Roxb.	NS 758, 5433

**ELAEAGNACEAE**

Elaeagnus conferta Roxb.	NS 1450, 4863, 5225
E. indica Serv.	NS 487

**ELAEOCARPACEAE**

Elaeocarpus glandulosum Uall. ex Herr.	NG 1532, NS 3314
E. munronii (Wt.) Mast.	VPK & NS 1840, NS 3164, 1976
E. recurvatus Corner	VPK & NS 1040
E. serratus Linn.	NS 1453, 2808

<i>E. tectorius</i> (Lour.) Poirt.	VPK 347
<i>E. tuberculatus</i> Roxb.	NG 1533, 1760, NS 725, VPK 2615
<b>ERICACEAE</b>	
<i>Gualtheria fragrantissima</i> Wall.	VPK 322, VPK & MK 1556
<i>Rhododendron arboreum</i> J. E. Sa. ssp. <i>nilagiricum</i> (Zenk.) Tagg.	VPK 265, CR 3446
<b>ERYTHROPAULACEAE</b>	
<i>Erythropalum scandens</i> Bl. ( <i>E. populifolium</i> (Arn.) Mast.)	NS 468, 4781, 5255, VPK 1179
<b>ERYTHROXYLACEAE</b>	
<i>Erythroxylum monogynum</i> Roxb..	NG&NS 1690
<i>E. moonii</i> Hachr.	NS 3633
<i>E. obtusifolium</i> Hook. f.	VPK sn.
<b>EUPHORBIACEAE</b>	
<i>Acalypha alnifolia</i> Klein ex Willd.	NS 1247
<i>A. brachystachya</i> Hornem.	NS 4675
<i>A. fruticosa</i> Forsk.	VPK & NS 1880
<i>A. racemosa</i> Vall. ex Baill.	VPK 1224, NS 3311, 3868
<i>Actephila excelsa</i> (Dalt.) Muell.-Arg.	NG & NS 1904, VPK & NS 2520,
<i>Agrostistachys borneensis</i> Becc. ( <i>A. meeboldii</i> Pax & Hoffm.)	NG & NS 1334, NG 2674
<i>A. indica</i> Dalz.	NS 3824
<i>Antidesma acidum</i> Retz.	VPK 75, NS 3975, 3974
<i>A. bunius</i> Spgr.	NS 162, 179
<i>A. ghaesembilla</i> Gaertn.	NS 4939
<i>A. menasu</i> Miq. ex Tul.	NS 1467, 756, 3653, VPK 355, 295, 353
<i>Aporusa acuminata</i> Thw.	NS 1454, 5307, VPK 124
<i>A. bourdillonii</i> Stapf.	NS 721, 729
<i>A. fusiformis</i> Thw.	Pascal 1424, 1449, 1419
<i>A. lindleyana</i> (Wt.) Baill.	NG & NS 1662, NS 3441, 3757, 4732, 4757
<i>Baccaurea courtallensis</i> Muell.-Arg.	NS 720, 1410
<i>Baliospermum montanum</i> (Willd.) Muell.-Arg.	NS 207, 3892, VPK 1261
<i>Bischofia javanica</i> Bl.	NS 732, 3163, 3347, 3856
<i>Blachia denudata</i> Benth.	NS 1151, 3083
<i>B. reflexa</i> Benth.	NS 3103
<i>B. umbellata</i> Baill.,	NS 4845, 4895, VPK 1584
<i>Breynia retusa</i> (Dennst.) Alston	NS 4882
<i>B. vitisidaea</i> (Burr. f.) Fischer	NS 3304, 3674
<i>Bridelia crenulata</i> Roxb. ( <i>B. roxburghiana</i> (Muell. -Arg.) Gaertn.)	NS 787, 3903
<i>Bridelia scandens</i> Grah.	VPK 20, NS 459, 5259, CR & MK 2699
<i>Cleidion javanicum</i> Bl.	NG & NS 1664, NS 72
<i>Cleistanthus collinus</i> Benth.	NS 134, 398
<i>Croton aromaticus</i> Linn.	NG 1759
<i>C. bonplandianus</i> Baill.	NS 3831
<i>C. caudatus</i> Geisl.	NG & NS 1947, NS 3958
<i>C. laccifer</i> Linn.	VPK 1204
<i>C. malabaricus</i> Bedd.	VPK NS 5074, 5400, 5025

<i>C. zeylanicus</i> Heull. -Arg.	NG & NS 1937
<i>Crozophora rottleri</i> (Geisl.)Juss.	NS 3830
<i>Dimorphocalyx lawianus</i> (Meull.-Arg.) Hook. f.	NS 3809, 4692, 4868
<i>Drypetes confertiflora</i> (Hook. f.) Pax & Hoffa.	NS 3126, 3827, 4769
<i>D. elata</i> (Bedd.) Pax & Hoffm.	NS 165, 478, 3385, 3610, 4894, NG & NS 1363
<i>D. malabarica</i> (Bedd.) Airy Shaw	US 5422, 5442
<i>D. oblongifolia</i> (Bedd.) Airy Shaw	NS 1152, 174, 3937
<i>D. wightii</i> (Hook. f.) Pax & Hoffa.	NS & KS 3087
<i>Emblica officinalis</i> Gaertn.	NS 1135
<i>Epiprinus mallotiformis</i> (Meull.-Arg)Croizat ( <i>Symphillia mallotiformis</i> Meull.-Arg. )	NS 5371
<i>Euphorbia antiquorum</i> Linn.	J. Joseph 15300
<i>E. hirta</i> Linn.	NS 186
<i>E. laeta</i> Heyne ex Roth	VPK 319
<i>E. nivul ia</i> Buch. -Ham.	NS 4824
<i>E. thymifolia</i> Linn,	VPK 492
<i>Excoecaria agallocha</i> Linn.	Alavikkutty sn, Pascal 1484
<i>E. crenulata</i> Wt.	NS 738, 3800
<i>Fahrenheitia zeylanica</i> (Thw.) Airy Shaw	NS & KS 3118
<i>Givotia rottleriformis</i> Griff.	CR & MK 2689
<i>Glochidion ellipticum</i> Wt.	NS 456
<i>G. johnstonii</i> Hook. f .	VPK 1189
<i>G. tomentosum</i> Dalt.	NS 4605
<i>G. velutinum</i> Wt.	VPK 327, NS & NG 1717
<i>G. zeylanicum</i> A. Juss.	VPK 232
<i>G. neilgherrense</i> Wt.	NS 5335
<i>Hevea braziliensis</i> HBK.	NG & NS 1392, NS 5015
<i>Homonoia riparia</i> Lour.	NS 4644, 3357
<i>Kirganelia reticulata</i> (Poir.) Baill.	NS 143
<i>Macaranga peltata</i> (Wt.) Muell.	NS 177, 166, VPK & NS 2521, 2522
<i>Mallotus aureo-punctatus</i> Meull.-Arg.	NS 750, 746
<i>M. beddomei</i> Hook. f.	NS 777, 4869, 4862
<i>M. distans</i> Heull. -Arg.	NS 1440, 1447, 728, 202
<i>M. philipensis</i> (Lamk.)Meull.-Arg.	VPK 480, NS 719
<i>M. rhamnifolius</i> Meull.-Arg.	NS 3354, 5105, 5053
<i>M. tetracoccus</i> (Roxb.) Kurz	NS 738, 3603, 5046
<i>Margaritaria indica</i> (Dalz.)Airy Shaw	NS 775
<i>Micrococca merourialis</i> (Linn.) Benth.	NS 4720
<i>Mineckia parvifolia</i> (Wt.) Uebster	NS 3723
<i>Phyllanthus debilis</i> Klein ex Willd.	VPK 1271, NS 3313, 5163
<i>P. gardnerianus</i> (Wt,) Baill.	NS 87
<i>P. kozhikodianus</i> Sivv. & Mani.	J. Joseph 16233
<i>P. macraei</i> Meull.-Arg.	NS 3721
<i>P. urinaria</i> Linn.	VPK & NS 1823, NS 4658
<i>P. virgatus</i> Forst.	NS 1298
<i>Ricinus communis</i> Linn.	NS 368
<i>Sauropus quadrangularis</i> Meull.-Arg.	NG & NS 1893
<i>S. saxenianus</i> Mani. et al.	VPK 1269
<i>Sebastiania chamaelea</i> (Linn.) Meull.-Arg.	VPK NS 1881
<i>Securinega leucopyrus</i> (Willd.) Meull.-Arg.	NS 3704
<i>S. virosa</i> (Roxb.) Willd.	NS 838
<i>Tragia involucrata</i> Linn.	NS 469
<i>T. hispida</i> Willd.	

Trewia polycarpa Benth.

NS 218, 1780, 3479, 3767

FABACEAE/PAPILLONACEAE

- Abrus precatorius Linn. NS 1297, VPK & NS 2567  
A. pulchellus Wall. ex Thw. VPK & NS 2512, NS 3426, 3897  
Alysicarpus bupleurifolius (Linn.) DC. NS 5148  
A. vaginalis (Linn.) DC. NS 5181  
var. heterophyllus Benth. ex Baker NS 3336  
A. vaginalis (Linn.) DC. var. vaginalis NS 2609  
Atylosia lineata Wt. & Arn. NS 379  
A. scarabaeoides Benth. NS 843  
Butea parviflora Roxb. NS 5324  
B. purpurea (Benth. ex Baker) Blatt. NS 849  
Calopogonium mucunoides Desr. NS 5160  
Canavalia gladiata (Jacq.) DC. VPK & NS 2555  
C. maritima (Aubl.) Urb. NS 339, 3368  
Centrosema pubescens Benth. VPK sn.  
Clitoria ternatea Linn. VPK 893  
Crotalaria candicans Wt. & Arn. VPK 877  
C. clarkei Gamble NG&NS 1389  
C. dubia Grah. NS 3745  
C. evolvuloides Ut. & Arn. CR 3453, Rice sn.  
C. fysonii Dunn NS 847, 3365, 3325  
C. heyneana Grah. NS 5230, 5183  
C. laevigata Lamk. VPK 1045, NS 4686, 5147  
C. mysorensis Roth VPK & NS 2576, NS 3875  
C. nana Burm. f. NG & NS 1309, NS 3741  
C. pallida Ait. NS 1243  
C. prostrata Roxb. NS 1434, 5152, 5222, 5182  
C. retusa Linn. VPK & MK 1583  
C. salicifolia Heyne ex Wt. & Arn. NS 4746  
C. semperflorens Vent. VPK 892  
C. umbellata Wt. VPK 882  
C. verrucosa Linn. VPK sn.  
C. walkeri Arn. NS 5237  
Cytissus scoparius (Linn.) Link VPK 254  
Dalbergia beddomei Thoth, KKH Nair 3236  
D. benthamii Prain KKN Nair 3237  
D. candenatensis (Dennst.) flabber KKN Nair 3215 2801  
D. horrida (Dennrt) Mabber. NS 3010, 3083,  
KKN Nair 3229,2889,2834,  
2858,2857,2880  
NS 397, KKN Nair 2852,2878  
2860,2851,2888,2815,2848,  
2828,2895,2845,2892,2840,  
3233,2883,2837  
VPK 79, NS 4690 KKN Nair 2871  
2875,2819,2817,3211,3214,  
2893,2608,2809,2820,2890,  
2873,2807  
KKN Nair 2811,2812  
KKN Nair 2821,2824  
NS 706, 1168, WG 1516  
KKN Nair



	2839,2846,2802,2661, 2855 , 3209,3208,3234,3220,3219, 3216,2865,2884,2870,2879, 2818,2897
D. <i>sisso</i> Roxb.	KKN Nair 3212,3213
D. <i>volubilis</i> Roxb.	NS 3439, 3487, 3679, 3805, NG & NS 1658, KKN Nair 2825 2830,2826,2814,2856,2823,2829, 2874,2872,2866,2877,2686,2835, 2881,3218,2818,2832,3207,2850
Derris <i>brevipes</i> (Benth.) Baker	NS 5060, 5325
D. <i>canarensis</i> (Dalz) Baker	NS 3924, 4655
D. <i>scandens</i> (Roxb.) Benth.	NS 3177, 3987
D. <i>thyrsiflora</i> var. <i>eualata</i> (Bedd.) Thoth.	NG & NS 1944, NS 5395
D. <i>trifoliata</i> Lour.	Alavikkutty sn
Desmodium <i>gangeticum</i> (Linn.) DC.	NS 1299
D. <i>heterocarpon</i> (Linn.) DC. var. <i>heterocarpon</i>	NS 3349, 5247, VPK & MK 1582
D. <i>heterophyllum</i> (Willd.) DC.	NS 2601, 3977
D. <i>laxiflorum</i> DC.	NS. 1435,3884, 4709
D. <i>motorium</i> (Houtt.) Herr.	NS 1421, 382
D. <i>pulchellum</i> (Linn.) Desr.	NS 1414, 4708
D. <i>fysonii</i> Grah.	VPK 883
D. <i>rufescans</i> DC.	VPK 240
D. <i>triangulare</i> (Retz.) Herr.	NS 156, 1955, 4620
D. <i>triflorum</i> (Linn.) DC.	NS 3722
D. <i>triquetrum</i> DC.	NS 370, 5190
D. <i>velutinum</i> (Willd.) DC.	NS 377, 3422, VPK 868
Dunbaria <i>ferruginea</i> Wt. & Arn.	VPK 1088
D. <i>heynei</i> Wt. & Arn.	NS 5232, 5275
Erythrina <i>stricata</i> Roxb.	NS 3394
Flemingia <i>bracteata</i> Wt.	NS 2603
F. <i>chappar</i> (Ham. ex Benth.) O. Ktze.	NS 449
F. <i>grahamiana</i> Ut. & Arn.	VPK 226
F. <i>macrophylla</i> (Willd.) Prain ex Herr.	NS 1401
F. <i>aemialata</i> Roxb.	NS 5216, 5288
F. <i>strobilifera</i> (Linn.) Alston	NS & CR 3018, NS 5242
Glycine <i>wightii</i> (Wt. & Arn.) Verdc. var. <i>wightii</i>	VPK 1065
G. <i>wightii</i> var. <i>coimbatorensis</i> Ajita Sen	NS 4716, 5268
Indigofera <i>astragalina</i> DC.	NS 4627
I. <i>colutea</i> (Bura. f. )tlerr.	NS 3739
I. <i>glabra</i> Linn.	VPK & NS 2575
I. <i>hirsuta</i> Linn.	NS 765
I. <i>linnaei</i> Ali	NS 5153
I. <i>pedicellata</i> Ut. & Arn.	Rice sn.,
I. <i>spicata</i> Forsk.	VPK 885
I. <i>trifoliata</i> Linn.	NS 4696, 5204
I. <i>uniflora</i> Buch.-Ham. ox Roxb.	NS 4685
Kunstleria <i>keralense</i> Hohanan & Nair	NS 5436
Lablab <i>purpureus</i> (Linn.) Sweet	VPK 673
Milletia <i>rubiginosa</i> Wt. & Arn.	NG&NS 1912, NS 5408, 5131
Mucuna <i>pruriens</i> (Linn.) DC.	NG NS 1359, 1355, NS 388
Mundulea <i>sericea</i> (Willd.) A. Cheval.	VPK sn
M. <u>suberosa</u> (DC.) Benth.)	
Ormocarpum <i>chinense</i> (Lour.) Herr.	NS 4610, 4619

<i>Ormosia travancorica</i> Bedd.	NG 1503, NS 3124, 3764
<i>Parochetus communis</i> Ham. ex D. Don	VPK 1004
<i>Peuraria phaseoloides</i> Benth.	NS 4813
<i>P. tuberosa</i> DC.	NS 5329
<i>Phaseolus aconitifolius</i> Jacq.	Ellis 18069
<i>P. adenanthus</i> Mey.	KM Sebastine 13674
<i>P. calcaratus</i> Roxb.	KM Sebastine 10045
<i>P. subulatus</i> Roxb.	K Subramaniam 6427
<i>Pongamia pinnata</i> (Linn.) Pierre	NS 3359, 3948
<i>Paeudarthria viscida</i> (Linn.) Wt. & Arn.	NS 376, 3338
<i>Pterocarpus marsupium</i> Roxb.	VPK 1226, NS 82, 861
<i>Pycnospora leutescens</i> (Poir.) Schult.	NS 1972
<i>Rhynchosia acutissima</i> Thw.	NS 3802
<i>R. cyanosperma</i> Benth.	VPK sn
<i>Rothia indica</i> (Linn.) Druce	VPK 1041
( <i>R. trifoliata</i> (Roth) Pers.)	
<i>Sesbania bispinosa</i> (Jacq.) w. Wright	NS 795, 3983
<i>Shuteria vestita</i> Wt. & Arn.	VPK 872
<i>Smithia sensitiva</i> w. Ait.	NG & NS 1326
<i>Stylosanthes fruticosa</i> (Retz.) Alston	NS 3415
<i>Tephrosia purpurea</i> Pers.	NS 4856
<i>T. pulcherrima</i> (Wt. ex Baker) Drum.	NS 2604
<i>T. tinctoria</i> Pers.	VPK & NS 2561, NS 4884, 4695, 5r
<i>T. villosa</i> (Linn.) Pers.	NS 4854, VPK 1046
<i>Teramnus labialis</i> (Linn.) Spreng.	NS 3331, 3885, VPK & NS 2536
<i>Uraria alopecuroides</i> Wt.	VPK sn.
<i>U. rufescens</i> (DC.)_ Schind.	NS 1402, 369, 443, 4745
( <i>U. hamosa</i> Wall.)	
<i>Vigna pilosa</i> (Roxb.) Baker	NS 3686, 4728, 5165
<i>V. trilobata</i> (Linn.) Verdc.	NS 4971
<i>V. umbellata</i> (Thunb.) Ohwi & Ohashi	NS 3899, 4722
<i>V. wightii</i> Benth. ex Bedd.	NS 5266
<i>Zornia gibbosa</i> Spah.	VPK 1035, VPK & NS 2543,

#### FLACOURTIACEAE

<i>Casearia ovata</i> (Lamk.) Willd.	NS 1934
<i>C. rubescens</i> Dalz.	NS 3926
<i>C. wynadensis</i> Bedd.	NS 5068
<i>Flacourtia montana</i> Grah.	NS 4766, 4084, 4712
<i>Homalium zeylanicum</i> (Gard.) Benth.	VPK 866, NS 3806, 3792
<i>Hydnocarpus alpina</i> Wt.	NS 716, 3609, 3489, 5223
<i>H. macrocarpus</i> (Bedd.) Warb.	NS 5365,
<i>H. pentandra</i> (Buch.-Ham.) Oken	NS 214, 718, 744, 5153, 4652
<i>Scolopia crenata</i> (Wt. & Arn.) Clos.	
var. <i>crenata</i>	NS 3374, 4883
<i>S. crenata</i> var. <i>brevifolia</i> Mukh.	VPK 333

#### GENTIANACEAE

<i>Canscora diffusa</i> R. Br.	NS 3400, 4735, 3746
<i>C. pauciflora</i> Dalz.	NS 213
<i>C. perfoliata</i> Lamk.	VPK 1129, NS 3321, 4992, 5195
<i>C. wallichii</i> Cl.	VPK sn.
<i>Exacum bicolor</i> Roxb.	NS 2597
<i>E. perrottetii</i> Griseb.	NG NS 1352
<i>E. sessile</i> Linn.	NS 3189

*E. wightianum* Arn.  
*Gentiana quadrifaria* Bl.  
*Hoppea fastigata* (Griseb.) Cl.  
*Swertia corymbosa* Wt.  
*S. lawii* Hook. f.

VEK 259  
VEK & NS 1849  
NS 4633, 5144  
VEK 1092  
NS 2596

#### GERANIACEAE

*Aeschynanthes perrottetii* A. DC.  
  
*Didymocarpus fischeri* Gamble  
*D. tomentosa* Wt.  
*Epithema carnosum* (G. Don) Benth.  
*Geranium nepalense* Sweet  
*Rhynchoglossum notonianum* (Wall.) Burt  
  
*R. permolle* (Nees) Burt  
(*Isanthera permollis* Nees)

VEK 1025, 3117,  
NG & NS 1347, NS 5314  
VEK 126  
VEK & NS 1890  
NS 4670, 5459, NG&NS 1909  
VEK 1101  
VEK 1213, VEK & NS 1859,  
NS 1808  
NG NS 1372, NS 5465,  
VEK 113

#### GOODENIACEAE

*Scaevola sericea* Vahl.

NS 5388

#### HIPPOCRATEACEAE

*Loesneriella arnottiana* (Wt.) A. C. Sm.  
*L. bourdillonii* (Gamble) Ramam.  
*Reissantia grahamii* (Wt.) Ding Hou  
*R. indica* (Willd.) Halle  
*Salacia beddomei* Gamble  
*S. fruticosa* Laws.  
*S. macrosperma* Wt.  
*S. oblonga* Wall.

NS 3944  
NS 3621, 1782, 3838  
NS 4777  
NS 3382  
VEK 331, NS 3643, 4918  
NG & NS 1659, NS 3425, 1729  
NS 3484, 3940  
NS 3074, 3382, 4870

#### HYDROPHYLLACEAE

*Hydrolea zeylanica* (Linn.) Vahl

VEK 493, NS 3821

#### HYPERICACEAE

*Hypericum mysorense* Heyne

VEK 229, VEK&NS 1813

#### ICACINACEAE

*Apodytes dimidiata* E. Meyer ex Arn.  
*Gomphandra coriacea* Wt.  
*Miquelia dentata* Bedd.  
*Nothapodytes foetida* (Wt.) Sleum.  
  
*Sarcostigma kleinii* Wt. & Arn.

NS 3628  
VEK 1215, NS 3900  
NG & NS 1935, NS 3391, 3814, 4888  
VEK 1034, HG & NS 1928,  
VEK & CR 2622  
NS 1456, 3392, 5169, NG 1748

#### LAMIACEAE/LABIATAE

*Acrocephalus hispidus* (Linn.) Nicolson & Sivad.  
*Colebrookea oppositifolia* Sm.  
*Coleus malabaricus* Benth.  
*C. zeylanicus* (Benth.) Cramer  
*Gomphostemma heyneanum* Wall. ex Benth.  
var. *heyneanum*  
*G. heyneanum* var. *rottteri* Prain  
*Eusteralis malabarica* N. C. Majum.  
*Hyptis suaveolens* Poir.  
*Leucas biflora* R. Br.

VEK & NS 2550, NS 4694  
NS 212, 5028, 5317  
VEK 1027, NS 1927  
NS 3681  
  
NS 1241  
NS 848  
VEK & 2562  
NS 395  
NS 371

<i>L. ciliata</i> Bonth.	VPK 273
<i>L. lanceaefolia</i> Desf.	VPK 269
<i>L. martinicensis</i> R. Br.	VPK 1056
<i>L. suffruticosa</i> Banth.	VPK 1096
<i>L. tenuifolia</i> Desf.	VPK 267
<i>Micromeria biflora</i> (Ham. ex D. Don) Benth.	VPK 224
<i>Ocimum americanum</i> Linn.	NS 5489
<i>Orthosiphon aristatus</i> (Bl.) Miq.	NS 4672
<i>O. thymiflorus</i> (Roth) Slees.	NS 3853
<i>Plectranthus coesta</i> Ham. ex Don	VPK 881
<i>Pogostemon plectranthoides</i> Desf.	VPK 489
<i>Scuteliaria violacea</i> Benth.	VPK 300

#### LAURACEAE

<i>Actinodaphne malabarica</i> Balakr.	NS 462, 741, 3340, 5128
<i>Alseodaphne semecarpifolia</i> Nees	NS 216
<i>Apollonias arnottii</i> Nees	VPK 1180
<i>Beilschmiedia bourdillonii</i> Brand.	NS & CR 3017
<i>Cassytha filiformis</i> Linn.	VPK & NS 2580
<i>Cinnmomum riparium</i> Gamble	Pascal 1403
<i>C. sulphuratum</i> Nees	UPK 314, NS 3642
<i>C. verum</i> Presl.	NS 1159
<i>Cryptocarya bourdillonii</i> Gamble	NS 3156, 4826, 4873,
<i>Litsea bourdillonii</i> Gamble	NG 1752, NS 5243
<i>L. coriacea</i> Hook. f.	NS 724, 457
<i>L. floribunda</i> Gamble	NG 1762
<i>L. insignis</i> Gamble	NG 53
<i>L. travancorica</i> Gamble	NS 1460
<i>L. wightiana</i> (Nees) Hook. f.	VPK & NS 1871
<i>Neolitsea zeylanica</i> (Nees) Merr.	VPK 315
<i>Persea macrantha</i> (Nees) Kostern.	NS 1433, 455, 1130, 5227
( <i>Machilus macrantha</i> Nees)	CR & MK 2697
<i>Phoebe cathia</i> (G. Don) Kostern.	NS 3929
<i>P. lanceolata</i> Nees	Pascal 1434
<i>P. paniculata</i> Nees	VPK sn.

#### LECYTHIDACEAE

<i>Barringtonia acutangula</i> (Linn.) Gaertn.	VPK 479, NS 4811
<i>Careya arborea</i> Rowb.	NS 3949

#### LEEACEAE

<i>Leea asiatica</i> (Linn.) Ridsd.	VPK 1185, NS 5124
( <i>L. crispa</i> van Royen)	
<i>L. guineensis</i> G. Don	NS 3137,
<i>L. indica</i> (Burm. f.) Merr.	NS 206, 3620
<i>L. macrophylla</i> Roxb.	NS 4988

#### LENTIBULARIACEAE

<i>Utricularia caerulea</i> Linn.	VPK 1124
<i>U. graminifolia</i> Vahl	VPK 1123
<i>U. striatula</i> Sw.	VPK 114

#### LINACEAE

<i>Hugonia mystax</i> Linn.	VPK & NS 2569
<i>Linum mysorense</i> Heyne ex Benth.	VPK CR 2617

**LOBELIACEAE**

<i>Lobelia alsinoides</i> Lamk.	NS 132
<i>L. heyneana</i> Roem. & Schult.	NS 5193
<i>L. nicotianifolia</i> Roth ex Roem. & Schult.	NS 1459
<i>Sphenoclea zeylanica</i> Gaertn.	NS 3712

**LOGANIACEAE**

<i>Buddleja asiatica</i> Lour.	NG & NS 1387
<i>Fagraea ceilanica</i> Thunb.	NS 140, 772
<i>Gardneria ovata</i> Wall.	VPK 357, NS 3626
<i>Mitrasacme alsinoides</i> R. Br.	NS 4634
<i>Strychnos cinnamomifolia</i> Thw.	
var. <i>wightii</i> A. W. Hill	NS 3378, 4776
<i>S. minor</i> Dennst.	VPK & NS 2528, NS 5023
( <i>S. colubrina</i> sensu Cl.)	
<i>S. nux-vomica</i> Linn.	NS 3784
<i>S. potatorum</i> Linn. f.	VPK & NS 1887

**LORANTHACEAE**

<i>Dendrophthoe falcata</i> (Linn. f.) Etting.	NS 389, 470, 701
<i>Helicanthes elastica</i> (Desv.) Danser	NS 390, 388
<i>Helixanthera intermedia</i> (Hook. f.) Danser	VPK 343, NS 3171
<i>H. obtusata</i> (Schult.) Danser	VPK & NS 1870, VPK & MK 1584
<i>H. wallichiana</i> (Schult.) Danser	NG & NS 1920
<i>Korthalsella japonica</i> Engl.	VPK 272
<i>Macrosolen parasiticus</i> (Linn.) Danser	NS 742, VPK 275
<i>Scurrula parasitica</i> Linn.	NS 385
<i>Taxillus courtallensis</i> (Gamble) Danser	VPK 250
<i>T. cuneatus</i> (Roth) Danser	NS 5030
<i>T. tomentosus</i> (Roth) van Tiegh.	NS 1448, 486, VPK 231
<i>Viscum angulatum</i> Heyne ex DC.	VPK 337
<i>V. nepalense</i> Spreng.	NS 3783
<i>V. orientale</i> Willd.	NS 3743

**LYTHRACEAE**

<i>Lagerstroemia microcarpa</i> Ut.	NS 780
<i>L. reginae</i> Rowb.	NS 3176, 3497
<i>Rotala malampuzhensis</i> R. V.Nair ex Cook	NS 4640

**MAGNOLIACEAE**

<i>Michelia champaca</i> Linn.	VPK 345
--------------------------------	---------

**MALPHIGHIACEAE**

<i>Aspidopterys canarensis</i> Dalz.	VPK 351
<i>Hiptage benghalensis</i> (Linn.) Kurz	NS 3395, 3939,
	KM Sebastine 4374

**MALVACEAE**

<i>Abelmoschus manihot</i> (Linn.) Medic.	
ssp. <i>tetraphyllus</i> (Roxb.) Borss.	NS 1425, 3891
<i>A. moschatus</i> Medic.	NS 4703, 5146
<i>Abutilon persicum</i> (Burm. f.) Merr.	VPK 19, NS 3833
<i>Hibiscus furcatus</i> Roxb.	NS 3908
<i>H. lobatus</i> (Murr.) Ktze.	NS 3328
<i>H. lunarifolius</i> Sweet	VPK 1053
<i>H. rosa-sinensis</i> Linn.	VPK sn.

<i>H. surattensis</i> Linn.	NS 4705
<i>Julostylis angustifolia</i> Thw.	NS 3004, 5231
<i>Kydia calycina</i> Roxb.	NS 460, NG & NS 1308
<i>Pavonia zeylanica</i> (Linn.) Cav.	VPK 1040
<i>Sida acuta</i> Burm.f.	NS 155
<i>S. beddomei</i> Jacob	NS 1405, 4726
<i>S. cordata</i> (Burm. f.) Borss.	NS 84
<i>S. cordifolia</i> Linn.	NS 4725
<i>S. mysorensis</i> Coma. ex Cav.	NS 3878, NG & NS 1310
<i>S. rhombifolia</i> Linn, ssp. <i>rhombifolia</i>	NG & NS 1357
<i>S. rhombifolia</i> ssp. <i>retusa</i> (Linn.) Borss.	NS 1198
<i>Thespesia lampas</i> (Cav.) Dalz. & Gibs,	NS 3880
<i>Urena lobata</i> Linn. ssp. <i>lobata</i>	VPK 886, NS 5228
<i>U. lobata</i> ssp. <i>sinuata</i> (Linn.) Borss.	NS 844

#### MELASTOMATACEAE

<i>Clidemia hirta</i> (Linn.) DC.	NS 3159
<i>Medinella beddomei</i> Cl.	NG 1744, NS 737, 3664, 3149
<i>M. malabarica</i> Bedd.	VPK 1114, NS 3142
<i>Melastoma malabathricum</i> Linn.	VPK 329, 1710
<i>Memecylon decanense</i> Cl.	NS 3760
<i>M. gracile</i> Bedd.	NS 3147
<i>M. heyneanum</i> Benth. ex Wt. & Arn.	NS & NG 1695
<i>Osbeckia aspera</i> (Linn.) Bl.	NG 1756, NS 1438, 5282, 5500
<i>O. leschenaultiana</i> DC.	Rice sn
<i>O. parvifolia</i> Arn.	VPK 1103
<i>O. reticulata</i> Bedd.	VPK 264
<i>O. truncata</i> D. Don ex Wt. & Arn.	NS 832
<i>O. wynadensis</i> Cl.	NS 5366
<i>Sonerilla grandiflora</i> Wall.	VPK 1120
<i>S. rheedei</i> Wt. & Arn.	NS 1933
<i>S. versicolor</i> Wt. var. <i>axillaris</i> (Wt.) Gamble	NG & NS 1342
<i>S. wallichii</i> Benn.	NS 5479

#### MELIACEAE

<i>Aglaia barberi</i> Gamble	NS 3787, 5088
<i>A. canarensis</i> Gamble	NS 3612, 3962, NG & NS 1903
<i>A. elaeagnoidea</i> (Juss.) Benth.	VPK & NS 2518
<i>A. indica</i> (Hook. f.) Harms	NS 3353
<i>A. lawii</i> (Wt.) Sald.	NS 760, NS & CR 3011,
	NS & KS 3075
<i>A. minutiflora</i> Eedd.	NG & NS 1898
<i>A. tamilnadensis</i> Nair & Rajan	NS 3798
<i>Aphanamixis polystachya</i> (Wall.) Parker	NS 2950, NS & KS 3106, 3120
<i>Chloroxylon swietenia</i> DC.	VPK & NS 1879
<i>Chukrassia tabularis</i> A. Juss.	NS 3828, 4780
<i>Cipadessa baccifera</i> (Roth) Miq.	NS 3306, 3857
<i>Dysoxylum beddomei</i> Hiern	NS 3919, 4028
<i>D. ficiforme</i> (Wt.) Gamble	NS 3138
<i>D. malabaricum</i> Bedd. ex Hiern	Bhat 5005
<i>Melia azederach</i> Linn.	NS 3862
<i>M. dubia</i> Cav.	NS 791, 1132
<i>Munronia pinnata</i> (Wall.) Harms	VPK 1165, NS 5059,
	NG & NS
<i>Naregamia alata</i> Wt. & Arn.	NS 392

Reinwardtioidendron anamalaiense (Bedd.) Mabber. ( <u>Lansium anmalaiense</u> Bedd.)	NS 3622, 3375, 3759, VPK 1290
Swietenia macrophylla King	NS 18
Toona ciliata Roem.	NS 2904, 1440, 471, VPK & CR 2623
Trichilia connaroides (Wt. & Arn.) Benth.	NS 3825, 5006, 5312, NG & NS 1381
Turraea villosa Benth.	NS 3067, 3851, 4606, 4864
Walsura trifolia (A. Juss.) Harms	NS 3796, 4785, 4760
<b>MENISPERMACEAE</b>	
Anamirta cocculus (Linn.) Wt. & Arn.	VPK 1217, NS 3438, 3871,
Cissanpelos pariera var. hirsuta (DC.) Forman	VPK 1064,
Cosciniun fenestratum (Gaertn.) Celebr.	NS 3820
Cyclea peltata (Lamk.) Hook. f. & Thoms.	NS 1143, 3199
Diploclisia glauscesens (Bl.) Diels	NS 211, 5333, NG & NS 1918
Stephania japonica (Thunb.) fliers	VPK 311, NS 2960, 3827
S. wightii (Arn.) Dunn	NS 5016, 5107
Tiliacora acuminata (Lamk.) Miers	NS 220, 5349
Tinospora sinensis (Lour.) Herr.	NS 3747, 4823
<b>MIMOSACEAE</b>	
Abarema bigemina (Linn.) Kosterr.	NS 1420, 3795, VPK 359
A. subcoriacea (Thw.) Korterm.	J. Joseph 13222
Acacia auriculiformis A. Cunn. ex Benth.	Kedarnath 3729
A. caesia Willd.	VPK sn
A. catechu Willd.	NS 1248
A. mangium Willd.	Kedarnath 3730
A. pennata (Linn.) Willd.	NS 5299
A. rugata (Lamk.) Merr.	NG & NS 1330
A. sinuata (Lour.) Merr.	NS 3834, 4758
A. torta (Roxb.) Craib	NS 5087, 5207, NG & NS 1317
Adenanthera pavonina Linn.	NS 3868
Albizia chinensis (Osbeck) Merr.	NS 5391
A. lebeck (Linn.) Willd.	NS 1139, 3947
A. odoratissima (Linn. f.) Benth.	NS 145, 3911
A. procera (Roxb.) Benth.	NS 3859
Dichrostachys cineria (Linn.) Wt. & Arn.	NS 1249
Entada rheedei Spreng. ( <u>E. scandens</u> auct. non Benth.)	NS 3607, 4806, 5229
Mimosa invisa Hart.	NS 5212
M. pudica Linn.	NS 865
Paraserianthes falcataria (Linn.) Neilson ( <u>Albizia falcataria</u> (Linn.) Fosb.)	NS 4852
Pithecellobium gracile Bedd.	VPK & MK 1599, NS 4843
Samanea saman (Jacq.) Merr.	NS 5446
Xylia xylocarpa (Roxb.) Taub.	NS 133, 709
<b>MORACEAE</b>	
Antiaris toxicaria Lesch.	NS 753, 4900
Artocarpus gomezianus Wall. ex Trecl. ssp. zeylanicus Jarett	NS 130, 3755, 3804, NG 1622 3344, 4836
A. heterophyllus Lamk.	NS 3910
A. hirsutus Lamk.	

<i>Dorstenia indica</i> Wall. ex W t .	NS 5374
<i>Ficus amplissima</i> J . E . Sm .	NS 3871
<i>F. arnottiana</i> (Miq.) Miq.	NS 1146
<i>F. beddomei</i> King	NS 454
<i>F. benghalensis</i> Linn.	VPK & NS 2534
<i>F. callosa</i> Willd.	NS 465, 3946
<i>F. dalhousiae</i> Miq.	NS 797
<i>F. drupacea</i> var. <i>pubescens</i> (Roth) Corner	NS 3968, 5001, NS & KS 3112
<i>F. exaspsrata</i> Vahl	NS 499, CR & MK 2920
<i>F. hispida</i> Linn. f.	NS 1142
<i>F. mollis</i> Vahl	VPK 1074
<i>F. nervosa</i> Heyne ex Roth	NS 3480, 3825, 3960, 4943
<i>F. racemosa</i> Linn.	NS 1144
<i>F. tinctoria</i> Forst.	
ssp. <i>tinctoria</i> (Wil Id.) Corner	NS 3874
<i>F. tsjahela</i> Burm. f.	NS 1415, 3752
<i>Streblus asper</i> Lour.	NS 181

#### MYRISTICACEAE

<i>Gymnacranthera canarica</i> (King) Warb.	NG & NS 1712, NS 4814
<i>Knema attenuata</i> (Hook. f. & Thoms.) Warb.	NS 1404, 1418, 3343, 3496
<i>Myristica dactyloides</i> Gaertn.	NS 474, 3705, 5233, 5353,
	NG & NS 1343
<i>M. magnifica</i> Bedd,	NS 3429
<i>H. malabarica</i> Lamk.	NS 1470, 3436, 3813

#### MYRSINACEAE

<i>Ardisia rhomboidea</i> Wt.	VPK 1115
<i>A. solanacea</i> Roxb.	VPK 326, NS 2607
<i>A. sonchifolia</i> Mez	Pascal 1454
<i>Embelia adnata</i> Bedd. ex Cl.	NG & NS 1939
<i>E. ribes</i> Burm. f.	VPK 294, NS 3160, 3623
<i>E. tsjeriam-cottam</i> A. DC.	NS 3708
<i>Maesa indica</i> (Roxb.) DC.	NS 461, 5278, VPK 238,
	CR & HK 2690

#### MYRTACEAE

<i>Eugenia thwaitesii</i> Duthie	NS 3898
<i>Rhodomyrtus tomentosa</i> Wt.	VPK 270
<i>Syzygium caryophyllatum</i> (Linn.) Alston	VPK 336, NS 4935
<i>S. chavaran</i> (Bourd.) Gamble	NS 3758, 3923, 5252
<i>S. cumini</i> (Linn.) Skeels	NG 1796, NS 5267, CR 710
<i>S. gardneri</i> Thw.	NS 4837, 5041
<i>S. heyneanum</i> Wall.	NS 219
<i>S. laetum</i> (Ham.) Gandhi	NS 477, 739, 3386, 4792,
	HG & NS 1365, CR & D MK 2704
<i>S. lanceolatum</i> (Lamk.) Wt. & Arn.	NS & NG 1724
<i>S. malabaricum</i> (Bedd.) Gamble	NS 5086
<i>S. munronii</i> (Wt.) Chandr.	NS 5240
<i>S. occidentalis</i> (Bourd.) Gamble	NS 5401
<i>S. travancoricum</i> Gamble	VPK 341, NS 4923
<i>S. zeylanicum</i> (Linn.) DC.	VPK 1170, 335

#### NYCTAGINACEAE

<i>Boerhavia chinensis</i> (Linn.) Asch. & Scheinf.	VPK
<i>B. diffusa</i> Linn.	NS 498, 3678



<i>Pisonia aculeata</i> Linn.	NS 4899
<b>OCHNACEAE</b>	
<i>Gomphia serrata</i> (Gaertn.) Kamis	VPK 350, NS 4940
<b>OLACACEAE</b>	
<i>Olax imbricata</i> Roxb.	NS 175, 4881
<i>Strombosia ceilanica</i> Gard.	NS 3384, 4859, NG & NS 1665
<b>OLEACEAE</b>	
<i>Chionanthes mala-elengi</i> (Dennst.) Green	NS 161, 3938, 5289, NS & CR 3015
( <i>Linociera malabarica</i> Wall. ex. G. Don)	
<i>Jasminum azoricum</i> Linn.	VPK 22, NS 4770
<i>J. malabaricum</i> Wt.	NS 1775, 4915
<i>J. pubescens</i> Willd.	NS 399
<i>J. rottlerianum</i> Wall. ex A. DC.	NS 771
<i>J. roxburghianum</i> Wall.	VPK sn
<i>Ligustrum travancoricum</i> Gamble	VPK 358
<i>L. walkeri</i> Done.	NS 5092, 1739
<i>Myxopyrum smilacifolium</i> A. W. Hill	NG & NS 1942, NS 3702, 3751
<i>Olea dioica</i> Roxb.	NS 159, 4756, NG 1522, CR & MK 2688
<b>ONAGRACEAE</b>	
<i>Fuschia corymbosa</i> R. & P.	VPK 1009
<i>Ludwigia hyssopifolia</i> (G. Don) Exel.	NS 3738
<i>L. perennis</i> Linn.	NS 3988
<i>L. peruviana</i> (Linn.) Hara	NG & NS 1321
<i>Trapa nutans</i> Linn.	
var. <i>bispinosa</i> (Roxb.) Makino	J. Joseph 17754
<b>OPILACEAE</b>	
<i>Cansjera rheedei</i> Gmel.	VPK 1081
<b>OROBANCHACEAE</b>	
<i>Aeginetia indica</i> Linn.	NS 4611; Chandbasha sn
<i>A. pedunculata</i> Wall.	NS 1956
<b>OXALIDACEAE</b>	
<i>Biophytum reinwardtii</i> Edw. & Hook. f.	NS 4982, 86
<i>Oxalis corniculata</i> Linn.	NS 1294
<b>PAPAVERACEAE</b>	
<i>Argemone mexicana</i> Linn.	VPK sn
<b>PASSIFLORACEAE</b>	
<i>Adenia hondala</i> (Gaertn.) de Wilde	NS 735, 3791
<i>Passiflora foetida</i> Linn.	NS 4952
<i>P. leechenaultii</i> DC.	VPK 298, VPK & MK 1562
<i>P. subpeltata</i> Ortega	NG & NS 1308
<b>PEDALIACEAE</b>	
<i>Martynia annua</i> Linn.	Kedarnath 3725
<i>Sesamum indicum</i> Linn.	NS 4623
<i>S. prostratum</i> Retz.	Kedarnath 3726

**PIPERACEAE**

*Peperomia pellucida* (Linn.) HBK.  
*P. portulacoides* (Lamk.) Dietr.  
*P. tetraphylla* (Forst.) Hook, & Arn.  
*Piper attenuatum* Buch.-Ham.  
*P. barberi* Gamble  
*P. brachystachyum* Wall.  
*P. galeatum* Cav.  
*P. longum* Linn.  
*P. mullesua* Ham. ex D. Don  
*P. nigrum* Linn.  
*P. trichostachyon* (Miq.) C. DC.  
*P. wightii* Miq.  
*Pothomorphe subpeltata* (Willd) Miq.  
(*Hackeria subpeltata* (Willd) Kunth.)

NS 858  
NG & NS 1348, NS 5112  
VPK 306  
Ramamurthy 16153  
NS 120, 3144, 3846  
VPK 290  
Ramamurthy 16145  
NS 840, 448, 3330, VPK 1273  
NS 3148  
NS 4810  
NS 3668  
VPK & NS 1855  
VPK 111, NG & NS 1895,  
NS 5115

**PITTOSPORACEAE**

*Pittosporum neilgherrense* Wt. & Arn.

VPK 276, NG & NS 1895,  
NS 5106

**PLNTAGINIACEAE**

*Plantago major* Linn.

VPK 251

**PLUMBAGINACEAE**

*Plumbago indica* Linn.  
*P. zeylanica* Linn,

NS 1300  
VPK 1062

**POLYGALACEAE**

*Polygala arillata* Ham.  
*P. arvensis* Willd.  
*P. rosmarinifolia* Wt. & Arn.  
*P. sibirica* Linn.  
var. *heyneana* (Wall.) Benn.

VPK 225, VPK & MK 1550  
NS 3718, VPK 1222  
NG & NS 1349, NS 5199

VPK 268

**POLYGONACEAE**

*Polygonum barbatum* Linn.  
*P. chinense* Linn.  
*P. glabrum* Willd.  
*P. nepalense* Meissn.  
*P. plebium* R. Br.  
*Rumex nepalensis* Spreng.

VPK 405  
NS 470, 4823, 5192, VPK 280  
VPK 494, NG & NS 1360  
VPK 1102  
NS 3709  
VPK & NS 1842

**PORTULACACEAE**

*Portulaca oleracea* Linn.  
*P. pilosa* Linn. var. *tuberosa* (Roxb.) Sivar.

NS 708  
NS 5122

**PRIMULACEAE**

*Lysimachia deltoidea* Wt.

VPK 1111

**PROTEACEAE**

*Helicia nilagirica* Bedd.

NS 1471

**RANUNCULACEAE**

*Anemone rivularis*

VPK 248

<i>Clematis gouriana</i> Roxb. ex DC.	NS 458, 3669, 5309, UPK 897, NG & NS 1307
<i>C. munroana</i> Yt.	VPK 292, VPK & NS 1821
<i>Naravelia zeylanica</i> (Linn.) DC.	NS 178, 3367, 3904, 5156
<i>Ranunculus peninsularis</i> Sald. ( <i>R. reniformis</i> Wall. ex Wt. & Arn.)	VPK 1094
<i>R. wallichianus</i> Wt. & Arn.	VPK 1024
<i>Thalictrum foliolosum</i> DC.	NC Nair 17135
<b>RHAMNACEAE</b>	
<i>Gouania microcarpa</i> DC.	NS 451, 210, 3421, 5228
<i>Rhamnus wightii</i> Wt. & Arn.	VPK 1010
<i>Ventilago bombaiensis</i> Dalt.	NS 476, 3953, 4764, 5311
<i>V. calyculata</i> Tul.	J Joseph 12429
<i>V. madraspatana</i> Gaertn.	KM Sebastine 2401
<i>Ziziphus oenoplia</i> Hill.	NS 799
<i>Z. rugosa</i> Lamk.	NS 171, 3650, VPK 482, 1186, NG 1524
<i>Z. xylopyrus</i> (Rett.) Willd.	NS 4912
<b>RHIZOPHORACEAE</b>	
<i>Blepharistemma serratum</i> (Dennst.) Suresh	NS 3815, 3850, 3856, 4794, NG & NS 1666
( <i>B. mebranifiolia</i> (Miq.) Ding Hou)	
<i>Brugiera cylindrica</i> Wt. & Arn.	KH Sebastine 5203
<i>Carallia brachiata</i> (Lour.) Merr.	NS 3324, 3754, VPK 490
<i>Rhizophora candelaria</i> DC.	KM Sebastine 5204
<i>R. mucronata</i> Lamk.	Ramaaurthy 13066
<b>ROSACEAE</b>	
<i>Atuna travancorica</i> (Bedd.) Kosterm. ( <i>Parinarium travancoricum</i> Bedd.)	NG 1505, NS 5359
<i>Eriobotrya japonica</i> (Thunb.) Lindl.	VPK & MK 1563
<i>Prunus cerasoides</i> D. Don	VPK 1011, Rao 10916
<i>P. ceylanica</i> (Wt.) Miq.	NS 4691, 5029, 5127, VPK & NS 1852, VPK & CR 2621
<i>Rosa leschenaultiana</i> Wt. & Arn.	VPK 900
<i>Rubus ellipticus</i> Sm.	VPK 887
<i>R. fockei</i> Gandhi	NG & NS 1361
<i>R. niveus</i> Thw.	VPK 227
<i>R. racemosus</i> Roxb.	VPK 1031
<i>R. rugosus</i> Sm.	VPK 260
<b>RUBIACEAE</b>	
<i>Argostemma courtallensis</i> Arn.	NS 1230, 3195, VPK 786
<i>A. verticillatum</i> Wall.	NS 3305
<i>Canthium rheedei</i> DC	NS 3146, NG & NS 1925
<i>C. angustifolium</i> Roxb.	NS 774, 4893, 4801
( <i>C. rheedei</i> DC. var. <i>angustifolium</i> (Roxb.) Gamble)	
<i>C. travancoricum</i> (Bedd.) Hook. f.	NS 3952
<i>C. umbellatum</i> Wt.	NS & KS 3071
<i>Chasalia ophioxylodes</i> (Wall.) Craib.	NS 5116, VPK & NS 2515, VPK 1160
<i>Coffea travancorensis</i> Wt. & Arn.	VPK 78
<i>Dentella repens</i> (Linn.) JR & G.	NS 3309

Galium mollugo Linn.	VPK 875
ssp. asperifolium (Wall.) Kitamura	NS 3816, 4659, VPK 783
Geophila harbacea (Jacq.) K. Schum.	NS 798
Haldina cordifolia (Roxb.) Ridsd.	NS 5154, 1416
Hedyotis auricularia Linn.	
(Oldenlandia auricularia (Linn.) Schum.)	
H. caerulea Wt. & Arn.	NS 2593
(Oldenlandia caerulea (Wt. & Arn.) Gamble)	
H. corymbosa (Linn.) Lamk.	NS 864
(Oldenlandia corymbosa Linn.)	
H. diffusa Willd.	VPK & NS 2549
(Oldenlandia diffusa (Willd.) Roxb.)	
H. harbacea Linn.	VPK 1037, VPK & NS 2541,
(Oldenlandia herbacea (Linn.) Roxb.)	NS 4680, 5186
H. hygrophila Breaek.	NS 5143
H. nitida (Wt. & Arn.) Gamble	NS 1444, 831, 4682
(Oldenlandia nitida Wt. & Arn.)	
H. nudicaulis (Roth) Wt. & Arn.	NS 5126
(Oldenlandia nudicaulis Roth)	
H. pinifolia Wall. ex G. Don	NS 1953, 4698
H. pruinosa Wt. & Arn.	NS 1458
(Oldenlandia pruinosa (Wt. & Arn.) O. Ktze.	
H. puberula (G. Don) Arn.	VPK 1038
(Oldenlandia umbellata Linn.)	
H. stylosa R. Br. ex Wt. & Arn.	VPK 266
(Oldenlandia stylosa (Wt. & Arn.) Kurz)	
H. swertioides Hook. f.	VPK 1033, VPK & NS 1843
(Oldenlandia swertioides (Hook. f.) O. Ktze.	
H. trinervia (Retz.) Roemer & Schult.	VPK 2552
(Oldenlandia trinervia Retz.)	
Hydrophylax maritima Linn. f.	VPK & NS 2559
Hymenodictyon obovatum Wall.	NS, 1948, 5279
H. orixense (Roxb.) Mabber.	NS -779, 853
(H. excelsum (Roxb.) Wall.)	
Ixora brachiata Roxb. ex DC.	NS 1406, 170, 3768
I. coccinea Linn.	NS 4901, VPK & NS 2533
I. elongata Heyne	NS 4832
I. malabarica (Dennst.) Mabber.	NS 3806, 4707
I. nigricans Roxb. ex Wt. & Arn.	NS 1419, 163, 3863
I. notoniana Wall.	Pascal 1447
Knoxia mollis Wt. & Arn.	VPK 1019
K. sumatrensis Retz.	NS 3303
Lasianthus acuminatus Wt.	VPK & NS 1853
L. jackianus Wt.	NG & NS 1386
L. rostratus Wt.	NS 5440, 3094
Mitracarpus villosus (Sw.) DC.	NS 188
(M. verticillatus Watke)	
Mitragyna parvifolia (Roth) Korth.	NS 714, 158, 3661
M. tubulosa (Arn.) Havil.	NS 1431, 3965
Morinda citrifolia Linn.	VPK & NS 2546
M. pubescens JE. Sn.	NS 5070
(M. tinctoria Roxb.)	
M. reticulata Gamble	NS 3840, NG & NS 1715
Mussaenda belilla Ham.	NS 762
(M. laxa (Hook. f.) Gamble)	

<i>M. hirsutima</i> (Hook. f.) Hutch.	VPK & NS 1818, VP & MK 1560
<i>Mycetia acuminata</i> O. Ktre.	VPK 116, NG 30, NS 5310
<i>Neanotis indica</i> (DC.) H. W. Lewis	VPK 870
<i>N. quadrilocularis</i> (Thw.) H. W. Lewis	NS 3735
<i>Neolamarkia cadamba</i> (Roxb.) Bosser ( <u><i>Anthocephalus cadamba</i></u> Roxb.)	NS 3175, 5130
<i>Neonauclea purpurea</i> (Roxb.) Herr.	NS 751
<i>Ochreinauclea missionis</i> (Wall. ex G. Don) ( <u><i>Nauclea missionis</i></u> Wall.)	NS 5392
<i>Ophiorrhiza brunonis</i> Wt. & Arn.	NG & NS 1896
<i>O. grandiflora</i> Wt.	VPK 1022
<i>O. hirsutula</i> Wt. ex Hook. f.	VPK & HK 1600
<i>O. mungos</i> Linn.	NS 3196
<i>Pavetta calophylla</i> Bremek.	NS 3624, 5286
<i>Prismatomeris tetrandra</i> (Roxb.) K. Schum.	NG 149%
<i>Psychotria anamallayana</i> Bedd.	NS 3098
<i>P. globicephala</i> Gamble	Pascal 1441
<i>P. sekharana</i> Ramam. & Rajan	NS 5339
<i>Randia brandisii</i> Gamble	NS 183, 3119
<i>R. rugulosa</i> (Thw.) Hook. f.	NS 3404, 3631, 5284, 5308, NG & NS 1693
<i>Rubia cordifolia</i> Linn.	VPK 307, NG & NS 1314, NS 3613
<i>Spermacoce hispida</i> Linn.	VPK 1044, VPK & NS 2556, NS 3742
( <u><i>Borreria articularis</i></u> (Linn.) K. Schua.)	NS 835
<i>S. mauritiana</i> Osea Gidem ex Verdc. ( <u><i>Borreria ocymoidea</i></u> (Burm. f.) DC.)	
<i>S. pusilla</i> Uall.	NS 4630
<i>S. ramanii</i> Sivar. & Nair	NS 4688
<i>Tarenna alpestris</i> (Wt.) Balakr. ( <u><i>Stylocoryne leuscens</i></u> (Hook. f.) Gamble)	NS 4858
<i>T. asiatica</i> (Linn.) Ktta. ex Schua,	VPK & NS 2571
<i>T. monosperma</i> (Wt. & Arn.) Raju ( <u><i>Stylocoryne monosperma</i></u> Wt. & Arn.)	NS 5102, 5469, 5410
<i>T. trichurensis</i> Sasi. & Sivar.	NS 4835, 5508
<i>Wendlandia bicuspidata</i> Wt. & Arn.	NS 1457
<i>W. lawii</i> Hook. f.	VPK 363
<i>W. notoniana</i> Wall.	NS 463, VPK 321
<i>Xeromphis uliginosa</i> (Retz.) Mahes. ( <u><i>Randia uliginosa</i></u> Retz.)	NS 3191, 3715

## RUTACEAE

<i>Acronychia pedunculata</i> (Linn.) Miq.	NS 2606, 3787, NG & NS 1917
<i>Atalantia racemosa</i> Ut. & Arn.	NS 752, 3076, 3072
<i>A. wightii</i> Tanaka	NS 4750
<i>Clausena dentata</i> (Willd.) Roem. var. <i>pubescens</i> (Wt. & Arn.) Tanaka	NS 4847, 3637
<i>C. heptaphylla</i> Wt. & Arn.	NS 733, 5020
<i>C. indica</i> (Dalz.) Oliver	NS 5238
<i>Euodia lunu-ankenda</i> (Gaertn.) Merr.	NG & NS 1930, NS 3867, CR & 2692
<i>Glycosmis cymosa</i> (Kurz) Narayanaswamy	NS 4829
<i>G. macrocarpa</i> Wt.	NS 5429
<i>G. pentaphylla</i> (Retz.) DC.	NS 444, 1403, 5319
<i>Luvunga eleutherandra</i> Dalz.	NS 4742

Murraya koenigii (Linn.) Spreng.	S. Joseph sn.
M. paniculata (Linn.) Jack.	NS 4880, NS & KS 3069
Naringi crenulata (Roxb.) Nicols.	NS 3970, VPK 1221
Paramignya monophylla Wt.	NS 4805
Toddalia asiatica Lamk.	NG 1763, NS 5239
T. asiatica var. gracilis Gamble	VPK 1060, NS 3638
Vepris bilocularis (Wt. & Arn.) Engl.	NS 4933, 5035, NS & KS 3127
Zanthoxylum rhetsa (Roxb.) DC.	NS 782

#### SABIACEAE

Meliosma pinnata	
ssp. barbatula (Cufod.) Bues.	VPK 1172
(M. arnottiana Wt.)	
M. simplicifolia (Roxb.) Walp.	NS 740, VPK 252, 348, VPK & MK 1558
Sabia limoniacea Wall. ex Hook. f. & Thoms.	NS 5413
(S. malabarica Bedd.)	

#### SALICACEAE

Salix tetrasperma Roxb.	NG & NS 1312
-------------------------	--------------

#### SANTALACEAE

Osyris quadripartita Salzm. ex Dene.	VPK 223
(O. wightiana Wall. ex Wt.)	
Santalum album Linn.	NS 3969, VPK 76
Scleropyrum pentandrum (Dennst.) Mabb.	NS 3616, 4887, NS & CR 3013

#### SAPINDACEAE

Allophylus cobbe (Linn.) Raeusch.	NS 3717, VPK 1178, 338
A. serratus (Roxb.) Kurz	NS 4621, 4954
Cardiosperma canescens Wall.	VPK 1052
Dimocarpus longan Lour.	NS 1150, 4765, 4842, VPK 1171
Dodonaea angustifolia Linn.	VPK 233, VPK & MK 1551
(D. viscosa auct non Jacq.)	
Harpullia arborea (Blanco) Radlk.	NS 730, 1149, 1238
Lepisanthes erecta (Thw.) Leenh.	NS 3001, NG & NS 1374
L. tetraphylla (Vahl) Radlk.	NS 1158, 3482, VPK 1291, NS & CR 3026
Otonophellium stipulaceum (Bedd.) Radlk.	NS 3776, 4773, 5363, NG & NS 1924
Sapindus laurifolius Vahl	NS 1422, 4781, 5264
Schleichera oleosa (Lour.) Oken	NS 217, 731, NC & NS 1906

#### SAPOTACEAE

Chrysophyllum cainito Linn.	NS 3865
Donella roxburghii (G. Don) Pierre ex Lecomte	NS 5018, 5402
(Chrysophyllum roxburghii G. Don)	
Isonandra lanceolata Wt.	NS 3130, 3412, 5043, NG NS 1932
I. lanceolata Wt.	
var. anfractuosa Cl.	Pascal 1406
I. montana Gamble	Pascal 1431
Madhuca bourdillonii (Gamble) H. J. Lam	NS 3907, 5454
M. longifolia (Koenig)	NS 3387

<i>M. neriifolia</i> (Moon) H. J. Lam	NS 380, 3358, 3440, 5221, 4834, VPK & CR 2802
<i>Mimusops elengi</i> Linn.	NS 4876, NS & CR 3022, NS & KS 3070, VPK & NS 2527
<i>Palaquium ellipticum</i> (Dalz.) Engl,	NS 5450, NS & KS 3091

#### SAXIFRAGACEAE

<i>Bergenia ligulata</i> (Wall.) Engl.	HA Rau 13803
<i>Parnassia mysorensis</i> Heyne ex Wt. & Arn.	VPK 1087

#### SCROPHULARIACEAE

<i>Artanema longifolium</i> (Linn.) Vatke ( <i>A. sessamoides</i> Benth.)	VPK 106, 1181
<i>Bacopa hamiltoniana</i> (Benth.) Wettst.	NS 4642
<i>B. monnieri</i> (Linn.) Yetttrt.	NS 4997, VPK 1085
<i>Calceolaria mexicana</i> Benth.	UPK 244, CR 3458
<i>Dopatrium nudicaule</i> (Willd.) Benth.	NS 4636
<i>Linnophila indica</i> (Linn.) Drusel	NS 5565
<i>L. repens</i> (Benth.) Benth.	NS 5262
<i>Lindenbergia indica</i> (Linn.) O. Ktze.	NS 3184
<i>Lindernia antipoda</i> (Linn.) Alston	NS 4910, 4641
<i>L. ciliata</i> (Colsm.) Pennel	NS 3182
<i>L. rotundifolia</i> (Linn.) Mukher.	NS 4855
<i>L. tenuifolia</i> (Colsm.) Alston	VPK & NS 2574
<i>L. viscosa</i> (Hornem.) Boldingh.	NS 3186
<i>Mazus pusillus</i> (Burm. f.) van Steen.	VPK & NS 1815
<i>Mecardonia procumbens</i> (Mill.) Small	NS 3337
<i>Nelsonia canescens</i> (Lamk.) Spreng.	NS 4754
<i>Pedicularis perrottetii</i> Wt.	VPK 1122
<i>P. zeylanica</i> Benth.	VPK 1088, VPK & NS 1861
<i>Scoparia dulcis</i> Linn.	NS 497
<i>Sopubia delphinifolia</i> (Linn.) G. Don.	NS 4737, 4628, 5203, VPK 1087
<i>S. trifida</i> Ham.	VPK 1107
<i>Stemodia verticillata</i> (Mill.) Sprague	NS 3720
<i>Striga angustifolia</i> (Don) Sald.	NS 4603, 4628, UPK 1078
<i>S. asiatica</i> (Linn.) Ktze.	NS 5120, VPK & NS 2547
<i>Torena bicolor</i> Dalz.	VPK 1278
<i>T. courtatlensis</i> Gamble	VPK 1105

#### SIMAROUBACEAE

<i>Ailantus triphysa</i> (Dennst.) Alston	NS 3618, 3932
-------------------------------------------	---------------

#### SOLANACEAE

<i>Datura arborea</i> Linn.	NG 8
<i>D. metel</i> Linn.	KM Sebastine 10082
<i>Hyocyamus niger</i> Linn,	N.C Nair 16569
<i>Lycopersicum esculentum</i> Mill.	VPK sn.
<i>Lysianthes laevis</i> (Dunal) Bitter	NG & NS 1344, NS 3150
<i>Nicandra physaloides</i> (Linn.) Gaertn.	VPK 1006
<i>Physalis angulata</i> Linn.	NS 3731
( <i>P. minima</i> Linn.)	
<i>P. peruviana</i> Linn.	VPK 312
<i>Solanum erianthum</i> D. Don	NG & NS 1368
<i>S. giganteum</i> Jacq.	VPK sn

<i>S. indicum</i>	
var. <i>multiflorum</i> Cl.	NG & NS 1382
<i>S. nigrum</i> Linn.	NS 3751
<i>S. pubescens</i> Willd.	VPK 1082
<i>S. seaforthianum</i> Arn.	VPK 1054, VPK & MK 1555
<i>S. stramonifolium</i> N. Jacq.	NG & NS 1354
<i>S. torvum</i> Swartz	NS 705
<i>S. verbascifolium</i> Linn.	VPK sn
<i>S. violaceum</i> Ortega	NS 4999
(s. <u><i>indicum</i></u> auct non Linn.)	

#### STAPHYLEACEAE

<i>Turpinia cochinchinensis</i> (Lour.) Herr.	VPK 241, Pascal 1443
<i>T. malabarica</i> Gamble.	NS 3604, 5101, 5294, NG 1511

#### STERCULIACEAE

<i>Firmiana colorata</i> (Roxb.) R. Br.	NS 713
<i>Helecteris isora</i> Linn.	NS 834, 1145, 3663, NG & NS 1388
<i>Heritiera papilio</i> Bedd.	NS 5373
<i>Leptonychia caudata</i> (Wall. ex G. Don) Burret	NS 5361
<i>Melochia corchorifolia</i> Linn.	NS 5159, 3996
<i>Pterospermum diversifolium</i> Bl.	NS 5037, 5075
<i>P. reticulatum</i> Wt. & Arn.	NS 393, 3500, 5040
<i>P. rubiginosum</i> Heyne ex Wt. & Arn.	NS 3345, 3812
<i>Pterygota alata</i> (Roxb.) R. Br.	NS 4838
<i>Sterculia guttata</i> Roxb.	NS 1430, 794
<i>S. urens</i> Roxb.	NS 3951, 4739
<i>S. villosa</i> Roxb.	NS 1734, 3772
<i>Waltheria indica</i> Linn.	VPK 1036, VPK & NS 2548

#### SYMPHOREMATACEAE

<i>Sphenodesme paniculata</i> Cl.	NS 5572
<i>Symphorema involucratum</i> Rowb.	NS 1287

#### SYMPLOCACEAE

<i>Symplocos crataegoides</i> Ham.	UC Bhattacharya 14915
<i>S. laurina</i> (Retz.) Wall. ex Rehrd.	VPK 1194, 318, NS 3686,5439
<i>S. macrophylla</i> Wall. ex DC.	NG 1737, NG & HK 1501
<i>S. macrophylla</i> ssp. <i>rosea</i> (Bedd.) Nooteb.	NG & NS 1692, NS 722
<i>S. obtusa</i> Wall,	Pascal 1450

#### TERNSTROEMIACEAE

<i>Eurya japonica</i> Thunb.	VPK 277, 187, NS 3167
<i>Gordonia obtusa</i> Wall.	NS 3665, VPK & CR 2616

#### TETRAMELACEAE

<i>Tetrameles nudiflora</i> R. Br.	NS 1141
------------------------------------	---------

#### THEACEAE

<i>Camelia sinensis</i> (Linn.) O. Ktze.	VPK & MK 1569
------------------------------------------	---------------

#### THYMELIACEAE

<i>Gnidia glauca</i> (Fresen.) Gilg ( <u><i>Lasiosiphon eriocephalus</i></u> Done).	VPK 302
----------------------------------------------------------------------------------------	---------



**TILIACEAE**

<i>Corchorus aestuans</i> Linn.	NS 200
<i>C. capsularis</i> Linn.	NS 4658
<i>C. trilocularis</i> Linn.	VPK 1055
<i>Grewia abutilifolia</i> Vent. ex Juss.	NS 4757
<i>G. disperma</i> Rottl. ex Spreng.	NS 473, 3955, 4663, VPK 1214
<i>G. flavescens</i> A. Jusr.	VPK 1083
<i>G. microcos</i> Linn.	NS 73
<i>G. tiliifolia</i> Vahl	VPK 332, NS 500
<i>G. umbellifera</i> Bedd.	NS 464, 3925, 3817
<i>G. villosa</i> Willd.	VPK 1058
<i>Triumfetta annua</i> Linn.	NS 5161
<i>T. pilosa</i> Roth	NS 5254, 1032, NG & NS 1358
<i>T. rhomboidea</i> Jacq.	NS 850

**ULMACEAE**

<i>Celtis philippensis</i> var. <i>wightii</i> (Planch.) Soep.	NS 4844, 3964, NS & KS 3080
<i>Gironniera cuspidata</i> (Bl.) Planch. ex Kurz	NS 1235, 3351, VPK 362
<i>Holoptelia integrifolia</i> (Roxb.) Planch.	NS 3941
<i>Trema orientalis</i> (Linn.) Bl.	NS 855

**UMBELLIFERAE**

<i>Bupleurum distichophyllum</i> Wt. & Arn.	VPK 1110
<i>Centella asiatica</i> (Linn.) Urban	NS 4908
<i>Coriandrum sativum</i> Linn.	VPK sn
<i>Heracleum sprengelianum</i> Wt. & Arn.	VPK & NS 1830
<i>Hydrocotyle javanica</i> Thunb.	VPK 1005,108
<i>H. sibthorpioides</i> Laak.	J Joseph 12697
<i>Pimpinella candolleana</i> Wt. & Arn.	VPK 1095, UPK & NS 1831
<i>P. heyneana</i> Wall.	NS 5301, 3332, VPK & NS 2577, NG & NS 1351
<i>Vanasushava pedata</i> (Wt.) Hukher. & Constance	VPK & NS 1854, VPK & MK 1554

**URTICACEAE**

<i>Boehmeria glomerulifera</i> Miq.	NS 201, 3835
<i>B. nivea</i> (Linn.) Gaud.	NS 1784
<i>B. platyphylla</i> var. <i>longissima</i> Hook. f.	VPK 1028
<i>Debregeasia ceylanica</i> Hook. f.	NS 5097
<i>D. longifolia</i> (Burm. f.) Uedd.	NS 484, 5236, VPK 310
<i>Droguetia diffusa</i> Uedd.	VPK 1002
<i>Dendrocnide sinuata</i> (Bl.) Chew. ( <i>Laportea crenulata</i> Gaud.)	NS 5235, NG & NS 1385
<i>Elatostemma acuainatum</i> Bongn.	NG & NS 1371
<i>E. lineolatum</i> Wt.	NS 1232, 5048, VPK 117
<i>Girardinia diversifolia</i> (Link.) Friis	VPK 1012, NS 3906
<i>Laportea interrupta</i> (Linn.) Chew.	NS 3732
<i>Oreocnide integrifolia</i> Miq.	NS 5098, VPK 1167
<i>Pellionia heyneana</i> Uedd.	NS 3145, 5099, VPK 119
<i>Pilea kingii</i> Fischer	VPK 871
<i>P. melastomoides</i> (Por.) Wedd.	UPK 1020, NS 5478
<i>Pouzolzia auriculata</i> Wt.	VPK 1051, VPK & MK 1566
<i>P. benthamiana</i> Wt.	VPK 303
<i>P. meeboldii</i> W. W. Sr. & Rames.	NS 3197, 4701
<i>P. wightii</i> Benn. var. <i>scabra</i> Fischer	UPK 869
<i>P. wightii</i> Benn, var. <i>wightii</i>	

*P. zeylanica* (Linn.) Benn.  
*Procris wightiana* Wall. ex Wedd.

NS 185  
NS 2957

#### VACCINIACEAE

*Vaccinium leschenaultii* Wt.

VPK 284

#### VALERIANACEAE

*Nardostachys jatamanji* DC.

UC Bhattacharya 31046

*Valeriana arnottiana* Wt.

VPK 1014

*V. beddomei* Cl.

VPK 274, VPK & NS 1851

*V. hardwickii* Wall.

UC Bhattacharya 24328

#### VERBENACEAE

*Callicarpa tomentosa* (Linn.) Murray

NS 209, 3657, 3957, 4846

*Clerodendrum calamitosum* Linn.

Suresh sn

*C. serratua* (Linn.) Moon

NS 3310, VPK 1260

*C. viscosum* Vent.

NS 1138

*Citheraxylum spinosum* Linn.

NS 3864

*Gmelina arborea* Roxb.

NS 136,707, 3646

*Lantana camara* Linn.

var. *splendens* (Medic.) Moldenke

NS 4851

*Premna coriacea* Cl.

NS 1288

*P. tomentosa* Willd.

VPK 128

*P. villosa* Cl.

VPK 352, NS 4931

*Priva cordifolia* (Linn.) Druce

VPK 1057

*Tectona grandis* Linn. f.

NS 5452

*Vitex altissima* Linn. f.

NS 745, 1145, 3789, 4885

*V. leucoxydon* Linn. f.

NS 215, 4938, 5388, 3981

*V. trifolia* Linn. f.

VPK & NS 2558

#### VIOLACEAE

*Viola patrinii* Ging. ex DC.

VPK 279

*V. serpens* Wall.

VPK 258

#### VITACEAE

*Ampelocissus arnottiana* Planch,

NS 3123, 5042

*Cayratia mollissima* (Wall.) Gagn.

NS 4782

*C. pedata* (Lour.) Gagn.

VPK 245

*C. tenuifolia* (Wt. & Arn.) Gagn.

NS 5104

*Cissus discolor* Bl.

NS 375, 5162, VPK 1258

*C. glyptocarpa* (Thw.) Planch.

NS 3651, 1198

*C. heyneana* Planch.

NS 5355

*C. latifolia* Lamk.

NS 3872

(*C. glauca* Roxb.)

*C. quadrangularis* Linn.

VPK sn

*Tetrastigma leucostaphyllum* (Dennst.) Alston

VPK 236

#### XANTHOPHYLLACEAE

*Xanthophyllum arnottianum* Wt.

CR MK 2094, NS 164,  
1469, 3341, 3870, VPK 21

(*X. flavescens* Roxb.)

#### ZYGOPHYLLACEAE

*Tribulus terrestris* Linn.

VPK 1084

MONOCOTYLEDONS

ARACEAE

<i>Amorphophalus commutatus</i> (Schott)Engl.	NS 5433
<i>A. paeoniifolius</i> (Dennst.) Nicols.	NS 773
<i>Anaphyllum wightii</i> Schott	NS 3778,5313
<i>Arisaema attenuatum</i> Barnes & Fischer	NS 1816
<i>A. barnesii</i> Fischer	NS 3100, 5446
<i>A. murayi</i> (Grah. ) Hook.	NS 839, 1203
<i>A. tortuosum</i> (Wall.) Schott	NS 4902
<i>Colocasia esculenta</i> (Linn.) Schott	NS 5138
<i>Lagenandra meeboldii</i> (Enngl.) Engl.	NS 3654, 5427
<i>L. nairii</i> Ramam. & Rajan	NS 5340
<i>L. ovata</i> (Linn.) Thw.	NS 1408
<i>L. toxicaria</i> Dalz.	NS 5330
<i>Pothos armatus</i> Fischer	NS 3139, 5325
<i>P. scandens</i> Linn.	NS 3901, 5168, VPK & NS 2511
<i>Raphidophora pertusa</i> (Roxb.) Schott	NS 3301
<i>Remusatia vivipara</i> (Roxb.) Schott	NS 4677, 5032, 5389
<i>Theriophonum infaustum</i> N.E. Br.	NS 1204
<i>Typhonium bulbifer</i> Dalz.	NS 5079

ARECACEAE/PALMAE

<i>Calamus brandisii</i> Becc.	NG 6144
<i>C. caesius</i> Bl.	VPK & CR 2947
<i>C. dransfieldii</i> Renuka	CR 2982, 2983, VPK & CR 2501
<i>C. gamblei</i> Becc.	CR 3173, VPK & CR 3028
<i>C. gamblei</i> var. <i>sphaerocarpus</i> Becc,	CR 3174
<i>C. hookerianus</i> Becc.	NS 1732, CR & MK 2727, 2708, VPK & CR 2926, 2929, 2930, 2902, 2904
<i>C. metzianus</i> Schelt.	CR 3061
<i>C. psuedo-tenuis</i> Becc.	VPK & CR 2620, 2625, 2628, 2630
<i>C. thwaitesii</i> Becc.	VPK 1285, VPK & CR 1949, 1950, 1951, 1292, 2903, CR 1891, 1954, 3060, NS 4822
<i>C. travancoricus</i> Bedd. ex Becc. & Hook.f.	VPK & NS 2516, NS 1731, CR 3154, VPK & CR 2949, 2925
<i>C. vattayila</i> Renuka	CR 4001, 2907, 3029,
<i>Caryota urens</i> Linn.	NS 4723
<i>Phoenix pusilla</i> Gaertn.	VPK & NS 1866
<i>P. humilis</i> vat. <i>pedunculata</i> Becc.	VPK & CR 2627, 2626
<i>Pinanga dicksonii</i> Bl.	NS 5351, NS NG 1701

AMARYLLIDACEAE

<i>Pancratium triflorum</i> Roxb.	NS 770
-----------------------------------	--------

COMMELINACEAE

<i>Aneilema glaucum</i> Thw.	NS 4919
<i>A. scapiflorum</i> (Roxb.) Royle	Pant 31873
<i>Dictyosperum montanum</i> Wt.	NS 3326
<i>Floscopa scandens</i> Lour.	NS 1464, 4791
<i>Murdannia japonica</i> (Thunb.) Faden	NS 4948
<i>M. pauciflora</i> (Wt.) Bremek.	NS 3873
<i>M. simplex</i> (Vahl)Brenan	NS 1981

**CYPERACEAE**

Carex filicina Nees	Rice sn
C. lindleyana Nees	Rice sn
Cyperus iria Linn.	NS 191
C. madraspatensis Willd.	NS 189
C. rotundus Linn.	VPK sn
Fimbristylis cinnamometorum (Vahl) Kunth	NS 1967
F. eragrostis (Nees)Hance	VPK 364
F. kingii Cl. ex Boek.	Rice 119
F. pentaptera (Nees) Kunth	Rice 132
F. uliginosa Hoehst. ex Steud.	Rice 122
Hypolytrum nemorum (Vahl) Sprang.	NS 1407
Scleria corymbosa Roxb.	NS 3499

**DIOSCOREACEAE**

Dioscorea bulbifera Linn,	NS 833
D. hamiltonii Hook. f.	NS 3886, 4710
D. oppositifolia Linn.	NS 3894
D. pentaphylla Linn.	NS 792, VPK 1268,
	NG & NS 1303
D. tomentosa Heyne	NS 3860

**ERIOCAULACEAE**

Eriocaulon brunonianum Mart.	
var. nilagirrense Fyson	Rice sn
E. melaleucum Mart.	VPK 878

**HAEMODORACEAE**

Peliosanthes teta	
var. humilis (And.) Jessop	NG 1513, NS 4840
Ophiopogon intermedius D. Don	NG & NS 1338, VPK & NS 1810

**HYPOXIDACEAE**

Curculigo orchiioides Gaertn.	VPK & NS 1864, NS 5394
C. trichocarpa (Wt.) Bennet & Raizada ( <u>Molineria finlaysoniana</u> Baker)	NS 1427, 1961, 4860
Hypoxis aurea Lour.	VPK & NS 1862

**JUNCACEAE**

Juncus bufonius Linn.	VPK 286
J. prismatocarpus R. Br,	Rice 118

**LILIACEAE**

Asparagus adscendens Roxb.	UC Bhattacharya 12564
A. gonocladus Baker	VPK 1188, NS 5213
A. racemosus Willd,	VPK & NS 1817
Chlorophytum attenuatum Baker	NS
C. orchidastrum Lindl.	NS 4650, VPK 1255
Dianella ensifolia (Linn.) Red.	NS 3161
Dracaena terniflora Roxb.	NS 1475, 3488, 5011
Gloriosa superba Linn.	VPK 81, 1128, 1039,

<i>Iphigenia indica</i> (Linn.) Kunth	VPK & NS 2532, NS 3322
<i>Lilium neilgherrense</i> Wt.	VPK & NS 1863
<i>Scilla hyacinthina</i> (Roxb.) McBride	VPK & NS 1841
<i>Smilax aspera</i> Linn.	NS 4906
<i>S. zeylanica</i> Linn.	VPK 271
	NS 168, 3857, 5113
<b>MARANTACEAE</b>	
<i>Phrynium pubinerve</i> Bl.	NS 1417
( <i>P. capitatum</i> auct. non Willd.)	
<i>Schumannianthus virgatus</i> (Roxb.) Rolfe	NS 5114, VPK 346
<i>Stachyphrynium spicatum</i> (Roxb.) Schua.	NS 1777, 5073
<b>MUSACEAE</b>	
<i>Ensete superbum</i> (Roxb.) Cheesa.	NS 5357
( <i>Musa superba</i> Roxb.)	
<b>ORCHIDACEAE</b>	
<i>Acampe ochracea</i> (Lindl.) Hochr.	NG 3475
<i>A. praemorsa</i> (Roxb.) Blatt. & McCann	NS 767
<i>Aerides crispum</i> Lindl.	NS 4926
<i>A. ringens</i> Fischer	NS 146, 3179,
<i>Anectochilus elatus</i> Lindl.	VPK 2962
<i>Arundina graminifolia</i> (Don) Hochr.	NS 3319
<i>Brachycorythis iantha</i> (Wt.) Summerh.	VPK & NS 1836, VPK & MK1572
<i>B. splendida</i> Summerh.	VPK & HK 1571
<i>Bulbophyllum cylindraceum</i> Lindl.	HK 1993
<i>B. kaitense</i> (Wt.) Reichb. f.	VPK & NS 1838, VPK & MK1574,
	MK 2975
<i>B. neilgherrense</i> Wt.	NS 3008, 4738
<i>B. tremulum</i> Wt.	MK 2771, CR & MK 2701,
	NS 4841
<i>Calanthe masuca</i> (Don) Lindl.	VPK 1029
<i>Cheirostylis flabellata</i> Ut.	VPK 278
<i>Coelogyne breviscapa</i> Lindl.	NS 3656
<i>C. mossiae</i> Rolfe	VPK & MK 1655, CR 3462
<i>C. nervosa</i> A. Rfch.	VPK 238, VPK & NS 1809,
<i>Cottonia peduncularis</i> (Lindl.) Reichb.f.	NS 3618, 3493, 4779, MK 2923
<i>Cymbidium aloifolium</i> (Linn.) Sw.	NS 1772, 5065
<i>Dendrobium anamallayanum</i> Chandra. et al.	VPK & MK 1573, CR 3447
<i>D. barbatulum</i> Lindl.	NS 3101
<i>D. chrysanthum</i> Lindl, ex Mall.	MK 3007
<i>D. crepidatum</i> Lindl.	NS 2922
<i>D. herbaceum</i> Lindl.	NS 5294, MK 2772
<i>D. heterocarpum</i> Uall. ex Lindl.	NS 3638
<i>D. heyneanum</i> Lindl.	NG & NS 1916
<i>D. lauiianum</i> Lindl.	NS 3486
<i>D. mabelae</i> Gamaie	NS 2613
<i>D. macrostachyum</i> Lindl.	NS 5066
<i>D. nanum</i> Hook. f.	VPK 283
<i>D. ovatum</i> (Willd.) Kranz.	NS 46, 5290
<i>Diplocentrum congestum</i> Wt.	NS 3404, 3842, 5084
<i>Disperis neilgherrensis</i> Wt.	VPK & NS 1837, NS 3116, 3655
<i>Epipogium roseum</i> (D. Don) Lindl.	NS 3099, 5447
<i>Eria dalzellii</i> Lindl.	MK 2953

<i>E. mysorensis</i> Lindl.	NG & NS 1946, MK 2972
<i>E. pauciflora</i> Wt.	VPK & NS 1835, VPK & MK 1576
<i>E. pseudocalvicaulis</i> Blatt. & McCann	MK 2979
<i>E. reticosa</i> Wt.	MK 2974, NS 5198
<i>Eulophia epidendreaea</i> (Retz.) Fischer	NG & MK 3476
<i>E. nuda</i> Lindl.	NS 3680, 5081, 5405, VPK 367
<i>Flickingera macraei</i> (Lindl.) Seidenf.	NG & MK 1577
<i>Gastrochilus flabelliformis</i> (Blatt. & McCann) Sald.	NS 2959, 3361
<i>Geodorum densiflorum</i> (Lamk.) Schltr.	NG & MK 1578, NS 3973
<i>Habenaria crinifera</i> Wt.	NS 1992, NG & NS 1913
<i>H. digitata</i> Lindl.	NS 3315
<i>H. elliptica</i> Wt.	VPK & NS 1844
<i>H. heyneana</i> Lindl.	VPK & NS 1867
<i>H. longicorniculata</i> Grah.	NS 1968, 3995
<i>H. longicornu</i> Lindl.	VPK & MK 1587, NS 4625
<i>H. ovalifolia</i> Ut.	NS 776, 2981
<i>H. plantaginea</i> Lindl.,	NS 3323, 4648, 4693,
	VPK & NS 2572
<i>Liparis nervosa</i> (Thunb.) Lindl.	NS 5096
<i>L. prazeri</i> King & Prantl.	NS 4903
<i>L. viridiflora</i> (Bl.) Lindl.	NS 1984, 5486
<i>H. wightiana</i> Thw.	VPK & NS 1614
<i>H. wrayii</i> Hook. f.	NS 3141
<i>Luisia birchea</i> Bl.	NS 5447
<i>L. evangelinae</i> Blatt. & McCann	NS 5305
<i>L. zeylanica</i> Lindl.	NG & NS 1945, MK 2924
<i>Malaxis acuminata</i> D. Don	VPK & NS 1857
<i>M. rheedei</i> Sw.	NS 4926, 5136, VPK 1201
<i>Nervilia aragoana</i> Gaud.	NS 1773, 1733, 5082
<i>N. plicata</i> (Andr.) Schltr.	NS 3068
<i>N. prainiana</i> (King & Prantl.) Setdenf, & Saitin	NS 4925
<i>Oberonia brachyphylla</i> Blatt. & McCann	NS 3617, 3476
<i>O. brunoniana</i> Wt.	CR 3470
<i>O. denticulata</i> Wt.	NS 3879
<i>O. santapui</i> Kapad.	NS 3419, 3641
<i>O. thwaitesii</i> Hook. f.	NS 3971, 5080
<i>O. verticillata</i> Wt.	VPK 1118
<i>Pecteilis gigantea</i> (J.E.Sm.) Rafin.	NS 5481, VPK & MK 1586
<i>Peristylus densus</i> (Lindl.) Sant. & Kapad.	NS 2602
<i>P. goodyeroides</i> Lindl.	VPK 1256
<i>P. plantagineus</i> Lindl.	NS 788
<i>P. richardianus</i> Wt.	VPK 1108
<i>Phalaenopsis decumbens</i> (Griff.) Holttum	NG & NS 1911
<i>P. nysorensis</i> Sald.	NS 3086, 4800
<i>Pholidota imbricata</i> (Roxb.) Lindl.	NS 17, 3972
<i>Pleione praecox</i> (Sm.) D. Don	MK 1994
<i>Podochilus falcatus</i> Lindl.	NS 2612
<i>Polystachya concreta</i> (Jacq.) Garey & Sweet	NS 4942
<i>Pomatocalpa mannii</i> (Reichb. f.) J.J. Sm.	NS 759
<i>Porpax reticulata</i> Lindl.	NS 3667
<i>Rhynchosyris retusa</i> (Lindl.) Bl.	NS 776
<i>Sarcanthus pauciflorus</i> Wt.	NS 1205
<i>Satyrium nepalense</i> D. Don	VPK 1007, NS 1969,
	VPK & NS 1826, MK
<i>Schenorchis chrysantha</i> (Alston) Garey	VPK 297, VPK & NS 1856

<i>Sirhookera latifolia</i> (Wt.) O. Ktze.	NG & NS 1938
<i>Smithsonia maculata</i> (Retz.) Sald.	MK 2921
<i>S. straminea</i> Sald.	NS 1783,3495
<i>Spiranthes lancea</i> (Thunb. ex sw.) Baker	Rice 129
<i>Trias stocksii</i> Benth. ex Hook. f.	NS 5304
<i>Tropidia angulosa</i> Bl.	NS 1229, VPK & MK 1596
<i>Vanda spathulata</i> Spreng.	KM Sebastine 6251
<i>V. tessellata</i> (Roxb.) Hook. ex G. Don	VPK & NS 1997
<i>V. testacea</i> (Lindl.) Reichb. f.	NS 184, 3950
<i>Vanilla wightiana</i> Lindl. ex Hook. f.	NS 3914
<i>Zeuxine longilabris</i> Benth. ex Hook. f.	NS 442

#### PANDANACEAE

<i>Pandanus tectorius</i> Soland.	Ellis 11757
-----------------------------------	-------------

#### POACEAE/GRAMINAE

<i>Agrostis peninsularis</i> Hook. f.,	Rice sn
<i>Allopterosipis cimicina</i> (Linn.) Stapf.	NS 4993
<i>Andropogon lividus</i> Thw.	Rice sn
<i>A. polyptychus</i> Steud.	Rice sn
<i>Apocopsis courtallensis</i> (Steud.) Henr.	NS 1966
<i>Arthraxon lancifolius</i> (Trim.) Hochst.	NS 2581
<i>Arundinella leptochloa</i> (Nees ex Steud.) Hook. f.	NS 1964
<i>A. metzii</i> Hochst. ex Miq.	VPK & NS 2538
<i>A. purpurea</i> Hochst. ex Steud.	NS 2585
<i>A. tuberculata</i> Munro ex Lisboa	Rice sn
<i>A. vaginata</i> Bor	Rice sn
<i>Bambusa bamboo</i> (Linn.) Vos	NS 16
( <i>B. arundinacea</i> (Retz.) Willd)	
<i>Brachiaria milifformis</i> (Pers.) A.Chase	NS 1207
<i>B. remota</i> (Retz.) Haines	NS 197
<i>Capellipedium huegelii</i> (Hack.) Stapf	NS 47
<i>Chrysopogon aciculatus</i> (Retz.) Trim.	NS 190
<i>C. hackelii</i> (Hook. f.) Fischer	NS 2590
<i>C. zeylanicus</i> (Nees) Thw.	Rice sn
<i>Cyabopogon flexuosus</i> (Nees ex Steud.) Uats.	NS 2610, 3809
<i>Cynodon dactylon</i> (Linn.) Pers.	NS 1206
<i>Cyrtococcum oxyphyllum</i> (Steud.) Stapf	NS 1239, 4798
<i>Dactyloctenium aegyptium</i> (Linn.) Beauv	NS 793
<i>Dimeria ornithopoda</i> Trim.	NS 2583
<i>Echinocloa colonum</i> (Linn.) Link	NS 1210
<i>Eleusine coracana</i> Linn.	VPK sn
<i>E. indica</i> (Linn.) Gaertn.	NS 1234
<i>Eragrostis japonica</i> (Thunb.) Trim.	NS 381
<i>E. tenella</i> (Linn.) Beauv. exRoem. & Schult.	NS 194
<i>E. unioloides</i> (Retz.) Nees ex Steud.	NS 195, VPK & NS 2539
<i>Eulalia phaeothrix</i> (Hack.) O. Ktze.	Rice sn
<i>E. trispicata</i> (Schult.) Henr.	NS 2584, 368
<i>Garnotia tenella</i> (Arn. ex Miq.) Janowski	NS sn
<i>Helictotrichon asperum</i> (Munro) Bor	Rice sn
<i>Heteropogon contortus</i> (Linn.) Beauv, ex Roem. & Schult.	NS 2592, VPK 1079
<i>Indocloa oligantha</i> (Hocsht.) Bor	Rice
<i>Isachne bourneorum</i> Fischer	Rice sn
<i>I. setosa</i> Fischer	Rice sn

<i>Ischaemum indicum</i> (Houtt.) Merr.	NS 2591
<i>I. nilagiricum</i> Hack.	NG & NS 1232
<i>I. rangacharianum</i> Fischer	VPK 365
<i>Jansenella griffithiana</i> (Muell.) Bor	NS 2582
<i>Ochlandra travancorica</i> (Bedd.) Benth. ex Gamble	NS 4821
<i>Oplismenus compositus</i> (Linn.) P. Baavu.	NS 383
<i>Oryza granulata</i> Nees & Arn. ex Steud.	NS 1445
<i>Paspalidium flavidum</i> (Retz.) A. Camus	NS 190
<i>Paspalum scorbiculatum</i> Linn.	NS 196
<i>Perotis indica</i> (Linn.) O. Ktze.	NS 4994
<i>Pennisetum polystachyon</i> (Linn.) Schult.	NS 380
<i>Pseudanthistria umbellata</i> (Hack.) Hook. f.	NS 2586
<i>Ruttboellia exaltata</i> Linn. f.	VPK 1265
<i>Sacciolepis indica</i> (Linn.) A. Chase	NS 1965
<i>Setaria pallidafusca</i> (Schumach.) Stapf	NS 192
<i>S. verticillata</i> (Linn.) P. Beauv	NS 1236
<i>Spinifex littorsus</i> (Burm. f.) Merr.	VPK & NS 2578
<i>Spodiopogon rhizophorus</i> (Steud.) Pilger	NS 3889, 4714, VPK & NS 2517
<i>Themeda quadrivalvis</i> (Linn.) O. Ktze.	Rice sn
<i>T. tremula</i> (Nees ex Steud.) Hack.	NS 2588
<i>T. triandra</i> Forsk.	Rice sn
<i>Tripogon bromoides</i> Roem. & Schult.	Rice sn
<i>Vetiveria zizanioides</i> (Linn.) Nash	Balakrishnan 11440

#### PONDTERACEAE

<i>Honochoria vaginalis</i> Presl.	VPK sn
------------------------------------	--------

#### TYPHACEAE

<i>Typha angustata</i> Bory et at.	VPK 1086
------------------------------------	----------

#### XYRIDACEAE

<i>Xyris capensis</i>	
var. <i>schenoides</i> (Mart.) Nilson	VPK 1125
<i>X. pauciflora</i> Willd.	NS 4724

#### ZINGIBERACEAE

<i>Alpinia galanga</i> (Linn.) Sw.	NS 5456
<i>A. malaccensis</i> Rosc.	VPK ,334
<i>Amomum microstephanum</i> Baker	NS 3684
<i>A. muricatum</i> Bedd.	NS 5090
<i>Boesenbergia pulcherrima</i> (Wall.) O. Ktze.	NS 3194, 1240, VPK 784
<i>Costus speciosus</i> (Koen.) Sm.	NS 3689
<i>Curcuma ecalcarata</i> Sivar. & Indu	NS 4000
<i>C. peethapushpa</i> Sasi & Sivar.	NS 4984, NS & VVS 4975
<i>C. zedoaria</i> (Christm.) Rosc,	NS 3685
<i>Elettaria cardamomum</i> (Linn.) Mat.	NS 5313, VPK 121
<i>Globba marantina</i> Linn.	NS 5123, UPK 1228
( <i>G. bulbifera</i> Roxb.)	
<i>G. ophioglossa</i> Wt.	NS 3308, VPK 1218
<i>Zingiber cernuum</i> Dalz.	NS 5129
<i>Z. neesianum</i> (Grah.) Ramam.	VPK 1254, NS & VVS 3999
<i>Z. officinale</i> Rosc.	NS
<i>Z. zeerumbet</i> (Linn.) Sa.	NS 4615



**GYMNOSPERMS**

**GNETACEAE**

**Gnetua edule (Willd.)Bl.**  
**(G. ula Brong.)**

**CR NS 3021**

## RESULTS AND DISCUSSION

About 3,000 species of flowering plants are likely to occur in Kerala and among them 2,400 species in the forests. We have so far collected about 1,400 species from the forest areas which forms about 58% of the estimated forest flora.

During the collections emphasis was always given for collection of tree species, especially the endemic ones that are little known and poorly represented in other herbaria. We have collected 430 tree species which represent about 2/3 of the estimated 600 tree species in the forests. Since field characters are of great diagnostic value for identification of trees in the field, attempts were always made to collect details of bark, blaze, buttresses, exudation, branching pattern etc. These particulars were utilized for the preparation of A. Field Key to the Identification of Indigenous Arborescent species of Kerala Forests (KFRI Research Report No. 33).

At present the KFRI Herbarium holds over 6000 specimens representing 1,508 species belong to 159 families. The Dicotyledons are represented by 1,246 species coming under 138 families. The Monocots have 261 species and 20 families. The lone Gymnosperm in the herbarium belongs to Gnetaceae. The families that are fairly well represented are Fabaceae (111 spp.), Orchidaceae (99 spp.), Euphorbiaceae (85 spp.), Rubiaceae (80 spp.), Graminae (60 spp.) and Compositae (50 spp.). Besides the general collections, the herbarium has a complete collection of medicinal plants of Kerala forests and rattans of South India.

Due to the intensive exploration of the flora of Trichur Forest Division, we have been able to collect several interesting plants including a few new species. Curcuma peethapushpa Sasi. & Sivaraj. (1989) Tarenna trichurensis Sasi. & Sivaraj. (1990a) and Orophea aalabarica Sasi. & Sivaraj. (1990b) are the new species reported. Species like Eleutheranthera ruderalis (Sw.) Sch.-Bip. (Sasidharan & Nambiar, 1981) Hedyotis pinifolia Wall. ex G. Don (Sasidharan & Nambiar, 1983) Heterostemna decanensis (Dalz.) Swarup. & Mangaly (Swarupanandan et al., 1989) new records of occurrence for South India. There are a few taxa that form new records for Kerala. All these interesting findings from Trichur forests emphasize the need for further exploration of the forest flora.

## REFERENCES

- Gamble, J.S. and C.E.C. Fischer 1915-1936. The Flora of the Presidency of Madras, (Repr.ed. 1967) B. S. I., Calcutta.
- Henry, A.N., K. Vivekanandan and N.C. Nair 1979. Rare and Threatened Flowering plants of South India. J. Bombay Nat. Hist. Soc. 75: 684-697.
- Joseph, J. 1979. Floristic studies in India - with special reference to Southern Circle of Botanical Survey of India. Bull. Bot. Surv. India 19:109-111.
- Karthikeyan, S and B.D. Sharma, 1983. A catalogue of species added to Gamble's Flora of the Presidency of Madras. J. Bombay Nat. Hist. Soc. 80: 63-79.
- Rollins, R.C. 1965. The Archer Method of Mounting Herbarium Specimens Rhodora 57: 294-299.
- Sasidharan, N. and V.P. K. Nambiar 1981. Eleutheranthera ruderalis (Sw.) Sch.-Bip. (Compositae). A New Record for South India. Indian J. For. 4:240-241.
- 1983. Hedyotis pinifolia Wall. ex G. Don (Rubiaceae) A New Record for South India. Indian J. For. 6:234.
- Sasidharan, N and V.V. Sivarajan 1989, Curcuma peethapushpa Sasidharan and Sivarajan, A new species of Zingiberaceae from India. Notes Roy. Bot. Gard. Edinburgh 45: 425-427.
- 1990a. Tarenna trichurensis, A new species of Rubiacsae from Western Peninsular India, J. Econ. Tax. Bot. 14: 243-245.
- 1990b. Orophea malabarica (Annonaceae) A new species from Peninsular India. Blumea 35: 260-271.

Shetler, S.G. 1969. The Herbarium: Past, Present and Future. Proc.

Biological Soc. Washington 86: 687-758.

Swarupanandan, K., N. Sasidharan and Jose K. Mangaly 1989'. A

reconsideration of the Generic circumscription of Heterostemma

Wt. & Arn. (Asclepiadaceae) and a New Species from India. Bot.J.

Linn. Soc. 101: 249-259.

