

PLANT RESOURCES OF KAILALI, WEST NEPAL

**Keshab Raj Rajbhandari
Madhu Shudan Thapa Magar
Dhan Raj Kandel
Chetana Khanal**



**Government of Nepal
Ministry of Forests and Soil Conservation
Department of Plant Resources**

**District Plant Resources Office Kailali
Dhangadhi, Kailali, Nepal**

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Cover photo: *Phoenix loureiri* and *Pinus roxburghii* on the ridge of
Bhasuko Bhir. Photo: MS Thapa Magar.

Back cover photo: Ghodaghodi lake vegetation. Photo: MS Thapa Magar.



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FOREWORD

Documentation of bio-resources is pioneer step for conservation, research and developmental activities. The Department of Plant Resources is dedicated to exploration, documentation and publication on plant resources of Nepal since its establishment. From last two decades, the Department is collaborating with national and international institutions to publish Flora of Nepal. The documentation of plant resources of the district is one of the major activities of District Plant Resources Office and publication on relevant topic will guide the conservation, research and developmental activities in the district. On the other hand, it will indirectly contribute on documentation of bio-resources at national level which will facilitate to meet country commitment to Convention on Biological Diversity. In this context, the present book '*Plant resources of Kailali, West Nepal*' has been prepared on the basis of field work carried out at Kailali, published literature and the herbarium specimens collected at Kailali and preserved in the District Plant Resources Office (DPRO) Kailali at Dhangadhi. This is the first time that documentation of plant resources of Kailali, including flowering plants and ferns, and cataloguing the herbarium specimens preserved at District Plant Resources Office Kailali, has been carried out. This book, I hope, will be useful for knowing and identifying the plant resources of Kailali and also in conservation, management and development of these plants and will ultimately help in Nepal Flora preparation.

I am grateful to Dr. Keshab Raj Rajbhandari, former Scientific Officer of this Department, Mr. Madhu Shudan Thapa Magar, Plant Resources Officer, Chief of District Plant Resources Office Kailali; Mr. Dhan Raj Kandel, Assistant Research Officer, National Herbarium and Plant Laboratories, Lalitpur and Chetana Khanal, Assistant Plant Resources Officer, District Plant Resources Office Kailali, for their painstaking efforts to prepare the manuscript. I would like to congratulate the District Plant Resources Office Kailali and the whole team of the office for bringing out this publication. I would also like to thank Mr. Sanjeev Kumar Rai, Deputy Director General, Department of Plant Resources and Mr. Ramesh Basnet, Chief of the National Herbarium and Plant Laboratories, Lalitpur, for their encouragement and support to the authors.

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Rajdev Prasad Yadav
Director General
Department of Plant Resources
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(Photos by Madhu Shudan Thapa Magar, except mentioned).

(CK: Chetana Khanal. KR: Keshab Raj Rajbhandari).

Plate 1:

Riverain deciduous forest, at Khairala.

Main trees are *Acacia catechu*,
Dalbergia sissoo, *Bombax ceiba*.

Sal (*Shorea robusta*) forest, at Aaintha.

Mixed deciduous forest, above Godawari.

Photo by KR.

Pine (*Pinus roxburghii* forest), near
Sahajpur. Photo by KR.

Steep slope of Bhasuko Bhir with pine
(*Pinus roxburghii*) trees on ridge.

Photo by KR.

Plate 2:

Chetana Khanal studying herbarium
specimen at District Plant Resources
Office Kailali, Dhangadhi. Photo by
KR.

Collecting plants at Ghodaghodi Tal.
From left to right – Chetana Khanal,
K. R. Rajbhandari, M. S. T. Magar and
D. R. Kandel studying *Caldesia
parnassifolia*. Photo courtesy KR.

Collecting plants at Sahajpur. From left
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S. T Magar identifying Dicot plant and
D. R. Kandel and Chetana Khanal
identifying fern specimen. Photo
courtesy KR.

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Niuro*), at Sisne. Food.

Helminthostachys zeylanica (Nepali -
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Ophioglossum reticulatum (Nepali -
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patiya Saag*), at Andaiya, Masuriya.
Food.

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Chaudhary name - *Ek-patiya Saag*),
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Pyrrosia lanceolata with sori, at
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Thelypteris hirtisora. New to Nepal. The
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Morang, east Nepal.

Thelypteris interrupta, at Ghodaghodi
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Athyrium cuspidatum, at Allad, Nigali 2.

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Caldesia parnassifolia, at Ghodaghodi Tal. This is a rare species in Kailali. This species has been collected at Ghodaghodi Tal, 163 m.

Alternanthera sessilis., at Dewaria Botanical Garden. Photo by CK.

Buchanania latifolia (Nepali – *Pyar*), at Chaumala. Food.

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Rauvolfia serpentina, (Nepali - *Sarpagandhaa*. Chaudhari name - *Jharbaera*. Raji name – *Dhadbiruwa*), at Lathaiya, Chaumala. This is a rare species in Kailali. Medicinal.

Aponogeton undulatus, at Jakhaur Tal, Dewaria Botanical Garden. This is a rare species in Kailali.

Ariopsis peltata, at Allad, Nigali 2. This is a rare species in Kailali.

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Typhonium trilobatum, at Dewaria Botanical Garden. This is a rare species in Kailali.

Calamus tenuis, at Chaumala, This is a rare species in Kailali. Photo by KR.

Calamus tenuis fruits. This is a rare species in Kailali and is conserved and managed at Shakti CFUG, Dhansinghpur.

Plate 10:

Phoenix loureiri, at Sugarkhal 1. This is a rare species in Kailali. Food.

Phoenix acaulis, above Godawari. Photo by KR.

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Evolvulus nummularius, at Dewaria Botanical Garden. Medicinal. Photo by CK.

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Eleocharis dulcis, at Dewaria Botanical
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Abrus precatorius, at Dewaria Botanical
Garden. Photo by CK.

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Medicinal.

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Bauhinia vahlii woody climber, near
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Khani Danda.

Cassia fistula., above Godawari. Photo
by KR.

Butea parviflora (Nepali – *Debre
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Ghodaghodi Tal. Photo by KR.

Plate 13:

Dalbergia sericea, near Sahajpur. Photo
by KR.

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Flemingia strobilifera, above Godawari.
Photo by KR.

Quercus leucotrichophora, near Sahajpur.
Photo by KR

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Ottelia alismoides flower, at Ghodaghodi
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This is a rare species in Kailali.

Hiptage benghalensis, at Simti. This is a
rare species in Kailali.

Ludwigia adscendens flower.

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Geodorum densiflorum pseudobulbs.

Oberonia ensiformis, at Nigali 7.

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Nervilia aragoana leaf. conserved *ex-situ* at Dewaria Botanical Garden.

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Argemone mexicana, at Syaule.

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Anagallis arvensis, at Chaumala.

Ardisia solanacea, at Chaumala.

Neolamarckia cadamba, at Masuriya.

Plate 24:

Ophiorrhiza rugosa, at Nigali.

Murraya koenigii, at Syaule.

Solanum virginianum, at Chaumala.

Globba racemosa, at Sahajpur.



Riverain deciduous forest



Mixed deciduous forest



Steep slope of Bhasuko Bhir with some pine, *Pinus roxburghii*, trees on the ridge



Sal forest



Pinus roxburghii forest



Chetana Khanal studying herbarium specimen at District Plant Resources Office



Collecting plants at Ghodaghodi Tal



Collecting plants at Sahajpur



Asplenium ensiforme



Tectaria coadunata



Helminthostachys zeylanica



Ophioglossum reticulatum



Diaplazium esculentum, Helminthostachys zeylanica and Ophioglossum reticulatum at Dhangadhi Hat Bazar



Pyrrosia lanceolata



Aleurites bicolor



Thelypteris hirtisora



Pyrrosia lanceolata



Pteris vittata



Thelypteris interrupta



Thelypteris interrupta



Thelypteris interrupta



Azolla pinnata subsp. *asiatica*



Thelypteris interrupta



Athyrium cuspidatum



Athyrium cuspidatum



Diplazium maximum



Eranthemum purpurascens



Phlogacanthus thyriformis



Caldesia parnassifolia



Alternanthera sessilis



Buchanania latifolia



Semecarpus anacardium



Holarrhena pubescens



Rauvolfia serpentina



Aponogeton undulatus



Ariopsis peltata



Amorphophallus napalensis



Typhonium trilobatum



Calamus tenuis



Calamus tenuis



Phoenix loureiri



Phoenix acaulis



Cardamine flexuosa



Evolvulus nummularius



Poranopsis panicuata



Dipsacus inermis



Coriaria napalensis



Cyperus corymbosus



Abrus precatorius



Eleocharis dulcis



Drosera peltata



Acacia concinna



Bauhinia vahlii



Butea buteiformis



Butea parviflora woody climber



Cassia fistula



Dalbergia sericea



Indopiptadenia oudhensis



Flemingia strobilifera



Quercus leucotrichophora



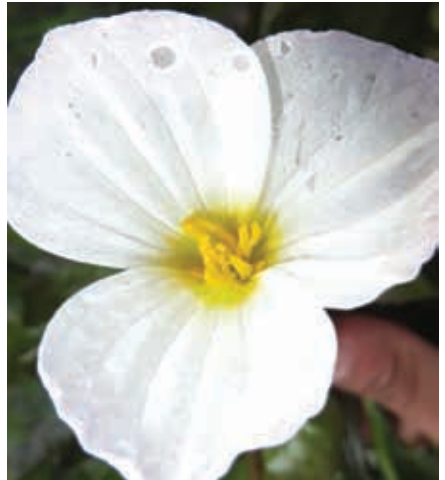
Casearia graveolens



Swertia angustifolia



Ottelia alismoides



Ottelia alismoides



Hypoxis aurea



Ajuga bracteosa



Clerodendrum viscosum



Pogostemon stellatus



Utricularia aurea



Hiptage benghalensis



Ludwigia adscendens



Ludwigia adscendens



Woodfordia fruticosa



Triumfetta rhomboidea



Osbeckia stellata



Nymphoides hydrophylla



Microsorium membranaceum



Ficus heterophylla



Nelumbo nucifera



Coelogyne fimbriata



Cymbidium aloifolium



Dendrobium heterocarpum



Geodorum densiflorum



Geodorum densiflorum



Oberonia ensiformis



Nervilia aragoana



Nervilia aragoana



Rhynchostylis retusa



Satyrium nepalense



Vanda tessellata



Zeuxine strateumatica



Aeginetia indica



Argemone mexicana



Pinus roxburghii



Persicaria limbata



Desmostachya bipinnata



Eichhornia crassipes



Anagallis arvensis



Ardisia solanacea



Neolamarckia cadamba



Ophiorrhiza rugosa



Murraya koenigii



Solanum virginianum



Globba racemosa

Introduction

Kailali district is situated in Seti Zone of Far Western Development Region. It is roughly rectangular in shape and spreads over latitude from 28° 22'N to 29° 5'N, and longitude from 80° 30'E to 81° 18'E covering an area of 3235 sq.km. It is surrounded by Bardiya and Surkhet in east, Kanchanpur and Dadeldhura in west, Doti, Dadeldhura and Surkhet in north and India (UP) in south. Altitude varies from 109 m to 1950 m above sea level and hence climate varies from tropical to subtropical. Average annual rainfall of the district is 1840 mm. Based on topography, 59.7% and 40.3% of area of the district lies in Terai and Chure hill respectively. Based on land use pattern, forest and shrub area covers 66.76%, agriculture land covers 27.81% and remaining 5.43 area is covered by others. Tharu, Kshetri, Brahmin, Thakuri, Newar, Magar, Muslim etc. are major ethnic communities residing in the district. Karnali, Mohana, Khutiya, Patharaiya, Rora, Donda, Shivaganga, Gauriganga, Kandra, Manahara, Godawari, Likma etc. are major rivers of Kailali. Ghodaghodi lake (Ramsar Site), Tikapur Park, Chisapani, Godawari, Behadababa, Dewariya Botanical Gareden etc. are major tourist destinations in Kailali. The district has 1 Sub-metropolitan city, 5 Municipalities and 31 VDCs. Dhangadhi is the zonal/district headquarter and commercial hub of the far west Nepal. The total forest area in Kailali district is 215,916 hectare. Most of the forest area is covered with commercially and naturally important trees such as sal, terai hardwood, Khayar, Shishau etc. Types of forest and area and percentage covered by them in Kailali district are as follows (Anonymous, 2015):

Sal forest	70396.1 hectare	32.16%
Terai hardwood	68708.6 hectare	31.39%
Kyayer, Sisau	10746.9 hectare	4.9%
Chir pine	15967.2 hectare	7.29%
Mixed forest	52588.3 hectare	24.02%
Bush	508.6 hectare	0.24%

The District Plant Resources Office Kailali is one of seven district level offices of the Department of Plant Resources established in 1999 under Ministry of Forests and Soil Conservation, Government of Nepal. It is only one District Plant Resources Office in Far-west Nepal and is located in ward number 1 of Dhangadhi Sub-metropolitan City of Kailali District. The office is managing

plant resources information center and Herbarium inside the office complex. One of the objectives of the office is to explore plant resources of Kailali. As a preliminary work for the explorations of plant resources of Kailali this book has been prepared on the basis of field work carried out at Kailali, published literature and the herbarium specimens collected at Kailali and preserved in the District Plant Resources Office Kailali at Dhangadhi and National Herbarium at Godawari, Lalitpur, Nepal. The book contains a list of 57 species of ferns in 16 families and 812 species of flowering plants in 118 families of Kailali district, including 32 rare and threatened species, 191 species of medicinal plants, and a new record for Nepal. The new record is *Thelypteris hirtisora* (C. Chr.) K. Iwats. (synonym *Dryopteris hirtisora* C. Chr.) collected at Nigali-2, Allad, 1419 m. The specimen is in the National Herbarium, Lalitpur, Nepal (KATH). The study shows that in Kailali District there is no record of flowering plants endemic to Nepal (Rajbhandari & Adhikari, 2009; Rajbhandari & Dhungana, 2010, 2011; Rajbhandari *et al.*, 2016).

The herbarium specimens collected at Kailali and preserved in the District Plant Resources Office Kailali at Dhangadhi (DHAN) were identified and a list of 245 species of these specimens has been prepared. DHAN has been proposed as acronym for the Herbarium of District Plant Resources Office Kailali, Dhangadhi. Herbarium specimen is very useful for the identification and to know the resource of the plant of Kailali. Further collections of the plants from Kailali should be carried out and the specimens should be preserved in the Dhangadhi Herbarium. For the identification and management of the plants of far west Nepal Dhangadhi Herbarium can be developed as a regional herbarium of far west Nepal.

Plant resources of Kailali

The following list of the flowering plants and ferns found or recorded in Kailali has been prepared from the field observations, published literature (Anonymous, 2016; Fraser-Jenkins et al., 2015; Hara & Williams, 1979; Hara et al., 1978, 1982; Thapa Magar and Neupane, 2016; Press et al., 2000; Rajbhandari, 2001; Rajbhandari & Adhikari, 2009; Rajbhandari and Baral, 2010; Rajbhandari & Dhungana, 2010, 2011; Rajbhandari et al., 2011, 2012, 2015, 2016; Shrestha & Joshi, 1996) and herbarium specimens collected in Kailali and preserved in the Herbarium of the District Plant Resources Office, Kailali, Nepal (DHAN) and National Herbarium, Godawari, Lalitpur, Nepal (KATH). DHAN has been proposed as acronym for the herbarium of District Plant Resources Office Kailali, which is situated at Dhangadhi.

PTERIDOPHYTES (FERNS)

ASPLENIACEAE

Asplenium ensiforme Wall. ex Hook. & Grev. (Plate 3, 25)
Distr.: India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Vietnam, Thailand.

Asplenium yoshinagae Makino subsp. **indicum** (Sledge) Fraser-Jenk. (Plate 25)
Asplenium indicum Sledge
Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Vietnam, Thailand, Philippines.

DENNSTAEDTIACEAE

Microlepia speluncae (L.) T. Moore (Plate 25)
Polypodium speluncae L.
Distr.: Africa, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Myanmar, Cambodia, Laos, Vietnam, SE Asia, Australia, N and S America (Brazil), West Indies.

Pteridium revolutum (Blume) Nakai (Plate 25)

Pteris revoluta Blume
Distr.: Tropical and subtropical regions of Asia, Australia.
Highly toxic and carcinogenic.

DRYOPTERIDACEAE

Dryopteris cochleata (Buch.-Ham, ex D. Don) C. Chr. (Plate 26)

Nephrodium cochleatum Buch.-Ham. ex D. Don
Nep.: *Kuthurke*.

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Indonesia,, Philippines.
Food.

Dryopteris sparsa (D. Don) Kuntze (Plate 26)

Nephrodium sparsum D. Don

Nep.: *Jire Niuro*.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Vietnam, Thailand.

Polystichum discretum (D. Don) J. Sm. (Plate 26)

Aspidium discretum D. Don

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand.

Polystichum squarrosus (D. Don) Fee (Plate 26)

Aspidium squarrosus D. Don

Nep.: *Thoolo Uniu*.

Distr.: Pakistan, India, Nepal, Bhutan, China.

Food.

Tectaria coadunata (J. Sm.) C. Chr. (Plate 3, 27)

Sagenia coadunata J. Sm.

Nep.: *Kaalo Niuro*.

Distr.: India, Nepal, Sri Lanka, China, Myanmar, Laos, Vietnam, Thailand.

Food.

EQUISETACEAE

Equisetum ramosissimum Desf.

Nep.: *Kurkure Jhaar*.

Distr.: Europe, Africa, C Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Korea, Myanmar, Laos, Vietnam, SE Asia, Australia, N America.

Medicinal.

LYCOPODIACEAE

Huperzia hamiltonii (Spreng.) Trevis (Plate 27)

Lycopodium hamiltonii Spreng.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Vietnam, Thailand.

Huperzia pulcherrima (Wall. ex Hook. & Grev.) Pic. Serm. f. **subulifolia** (Wall. ex Hook. & Grev.) ined. (Plate 27)

Lycopodium subulifolium Wall. ex Hook. & Grev.

Distr.: Nepal, NE India, Bhutan, Sri Lanka, China, Myanmar.

LYGODIACEAE

Lygodium flexuosum (L.) Sw. (Plate 27)

Ophioglossum flexuosum L.

Nep.: *Janai Laharaa*.

Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Japan, Vietnam, SE Asia, Australia.

Medicinal.

Lygodium japonicum (Thunb.) Sw. (Plate 28)

Ophioglossum japonicum Thunb.

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Vietnam, SE Asia, Australia, North America.

Medicinal.

MARSILEACEAE

Marsilea minuta L. (Plate 28)

Distr.: Africa, Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Vietnam, Thailand, America.

NEPHROLEPIDACEAE

Nephrolepis cordifolia (L.) C. Presl

Polypodium cordifolium L.

Nep.: *Paani Amalaa*.

Distr.: Africa, SW Asia, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Korea, Cambodia, Laos, Vietnam, SE Asia, Australia, N America, Mexico.

OPHIOGLOSSACEAE

Helminthostachys zeylanica (L.) Hook.

(Plate 3, 4, 28)

Osmunda zeylanica L.

Nep.: *Mayur Khutti*.

Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Myanmar, Cambodia, Laos, Vietnam, SE Asia, Australia, New Guinea, New Caledonia.

Food. Medicinal.

Ophioglossum reticulatum L. (Plate 3, 4, 28)

Nep.: *Jibre Saag*. Chaudhary: *Ek-patiya Saag*.

Distr.: Europe, Africa, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Korea, Japan, Myanmar, SE Asia, South America.

Food.

POLYPODIACEAE

Drynaria propinqua (Wall. ex Mett.) J. Sm. ex Bedd. (Plate 29)

Polypodium propinquum Wall. ex Mett.

Nep.: *Kammari*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Vietnam, Thailand.

Medicinal.

Lepisorus nudus (Hook.) Ching

Pleopeltis nuda Hook.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand.

Loxogramme involuta (D. Don) C. Presl
Grammitis involuta D. Don

Nep.: *Parpare*.

Distr.: India, Nepal, China, Vietnam, Thailand.

Medicinal.

Microsorium membranaceum (D. Don) Ching (Plate 17, 29)

Polypodium membranaceum D. Don

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Vietnam.

Medicinal.

Polypodioides lachnopus (Wall. ex Hook.) Ching (Plate 29)

Polypodium lachnopum Wall. ex Hook.

Nep.: *Harber Uniu*.

Distr.: India, Nepal, Bhutan, China.

Medicinal.

Pyrrosia flocculosa (D. Don) Ching (Plate 29)

Polypodium flocculosum D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Vietnam, Thailand, Indonesia.

Pyrrosia lanceolata (L.) Farwell (Plate 4)

Acrostichum lanceolatum L.

Distr.: Africa, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Laos, Vietnam, SE Asia

Pyrrosia mannii (Giesenhagen) Ching

Niphobolus mannii Giesenhagen

Distr.: India, Nepal, Bhutan, Myanmar, Thailand.

PTERIDACEAE

Adiantum capillus-veneris L. (Plate 30)

Nep.: *Pakhaale Uniu.*

Distr.: Temperate and tropical regions in Europe, Africa, Asia, Australia, Oceania, America.

Medicinal.

Adiantum incisum Forssk.

Distr.: Africa, Central Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, China, Myanmar, .

Adiantum philippense L. (Plate 30)

Nep.: *Kaane Uniu.*

Distr.: Africa, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Cambodia, Laos, Vietnam, SE Asia, Australia, America.

Medicinal.

Aleuritopteris bicolor (Roxb.) Fraser-Jenk. (Plate 4, 30)

Pteris bicolor Roxb.

Nep.: *Raani Sinkaa.*

Distr.: Africa, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, Myanmar, Laos.

Medicinal.

Aleuritopteris rufa (D. Don) Ching (Plate 30)

Cheilanthes rufa D. Don

Nep.: *Sunauli Uniu.*

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand.

Medicinal.

Ceratopteris thalictroides (L.) Brogn. subsp. **gaudichaudii** (Brongn.) Fraser-

Jenk. & Pariyar (Plate 30)

Ceratopteris gaudichaudii Brongn.

Distr.: India, Nepal, Bhutan, China, Japan, Korea, Myanmar, Pacific Islands.

Coniogramme fraxinea (D. Don) Fee ex Diels (Plate 31)

Diplazium fraxineum D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Vietnam, Thailand, Philippines, Indonesia.

Onychium siliculosum (Desv.) C. Chr. (Plate 31)

Pteris siliculosa Desv.

Nep.: *Seto Sinki.*

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Cambodia, Laos, Vietnam, SE Asia, Australia, New Guinea.

Medicinal.

Pteris cretica L. subsp. **laeta** (Wall. ex Ettingsh.) Fraser-Jenk. (Plate 31)

Pteris laeta Wall. ex Ettingsh.

Distr.: Africa, W, C Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, China, Japan, Myanmar, Cambodia, Laos, Vietnam, SE Asia.

Pteris venusta Kunze subsp. **matsudae** (Masam.) Fraser-Jenk. & Kandel

Pteris matsudae Masam.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Cambodia, Laos, Vietnam, Thailand, Malaysia, Indonesia.

Pteris vittata L. (Plate 5)

Distr.: Tropical and subtropical regions of the Old and New World.

SALVINIACEAE

Azolla pinnata R. Br. subsp. **asiatica** R. M. K. Saunders & K. Fowler (Plate 5, 31)
Distr.: Pakistan, India, Nepal, Bangladesh, Sri Lanka, China.

SELAGINELLACEAE

Selaginella involvens (Sw.) Spring (Plate 32)

Lycopodium involvens Sw.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Korea, Japan, Myanmar, Cambodia, Laos, Vietnam, SE Asia.

Selaginella reticulata (Hook. & Grev.) Spring

Lycopodium reticulatum Hook. & Grev.

Distr.: India, Nepal, Bhutan, Bangladesh, Myanmar.

THELYPTERIDACEAE

Thelypteris arida (D. Don) C. V. Morton
Aspidium aridum D. Don

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Vietnam, SE Asia, Australia.

Poisonous.

Thelypteris cana (Bak.) Ching (Plate 32)

Nephrodium canum Bak.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand.

Thelypteris dentata (Forssk.) E. P. St. John

Polypodium dentatum Forssk.

Distr.: Europe, Africa, tropical and subtropical Asia, America.

Thelypteris erubescens (Wall. ex Hook.) Ching (Plate 32)

Polypodium erubescens Wall. ex Hook.

Distr.: Pakistan, India, Nepal, Bhutan, China, Japan, Myanmar, Laos, Vietnam, Philippines.

Thelypteris hirtisora (C. Chr.) K. Iwats. (Plate 4, 32)

Dryopteris hirtisora C. Chr.

Distr.: India, Nepal (west), China, Myanmar, Laos, Thailand.

New to Nepal. The specimen is in the National Herbarium, Lalitpur, Nepal (KATH). This is a rare species. This species has been collected at Nigali-2, Allad, 1419 m.

Thelypteris interrupta (Willd.) K. Iwats. (Plate 5, 6, 33)

Pteris interrupta Willd.

Distr.: Tropical and subtropical regions of Africa, Asia, Australia.

This is a rare species in Kailali. This species has been collected at Ghodaghodi, Kailali (163 m) and Bagjhora wetland, Morang, east Nepal.

Thelypteris lebeufii (Bak.) Panigrahi

Polypodium lebeufii Bak.

Distr.: India, Nepal, Bangladesh, Myanmar, Cambodia, Thailand.

Thelypteris microstegia (Hook.) Fraser-Jenk. (Plate 33)

Polypodium microstegium Hook.

Distr.: India, Nepal, Bhutan, China, Japan, Myanmar, Vietnam.

Thelypteris nudata (Roxb.) C. V. Morton

Polypodium nudatum Roxb.

Nep.: Pire Uniu.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Vietnam, Thailand, N America.
Medicinal.

Thelypteris prolifera (Retz.) C. F. Reed
Hemionitis prolifera Retz.
Distr.: Tropical regions of Africa, Asia, Australia.

Thelypteris tenera (Roxb.) Fraser-Jenk.
Polypodium tenerum Roxb.
Distr.: India, Nepal, Bangladesh, Sri Lanka, China, Japan, Myanmar, Laos, Vietnam, Thailand, Malaysia, Indonesia.

Thelypteris tylodes (Kunze) Ching (Plate 33)
Aspidium tylodes Kunze
Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Vietnam, Thailand, Philippines, Indonesia.

VITTARIACEAE

Vittaria flexuosa Fee (Plate 33)
Distr.: India, Nepal, Bhutan, China, Japan, Korea, Myanmar, Cambodia, Laos, Vietnam, Thailand.

WOODSIACEAE

Athyrium cuspidatum (Bedd.) M. Kato
(Plate 6, 34)

Lastrea cuspidata Bedd.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, S America.
New record from west Nepal.

Athyrium pectinatum (Wall. ex Mett.)
T. Moore (Plate 34)

Asplenium pectinatum Wall. ex Mett.

Distr.: India, Nepal, Bhutan, China.

Diplazium esculentum (Retz.) Sw. (Plate 4, 34)

Hemionitis esculenta Retz.

Nep.: *Ghiu Niuro*.

Distr.: Tropical Asia, Polynesia, N America.
Food. Medicinal.

Diplazium maximum (D. Don) C. Chr.
(Plate 6, 34)

Asplenium maximum D. Don

Nep.: *Daanthe Niuro*. Chaudhary: *Badkaa Kochya*.

Distr.: India, Nepal, Bhutan, China, Myanmar.
Food.

ANGIOSPERMS AND GYMNOSPERMS (FLOWERING PLANTS)

ACANTHACEAE

Andrographis paniculata (Burm. f.)

Wall. ex Nees (Plate 35)

Justicia paniculata Burm. f.

Nep. - *Kalmegh*.

Distr.: India, Nepal (west), Sri Lanka.

Medicinal. This is a rare species in Kailali.

This species has been collected at Nigali 2, Allad, 1419 m.

Barleria cristata L. (Plate 35)

Nep.: *Bhede Kurro*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Philippines.

Medicinal.

Dicliptera bupleuroides Nees (Plate 35)

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Thailand, Cambodia, Laos, Vietnam.

Medicinal.

Eranthemum pulchellum Andrews

Nep.: *Arklejhaar*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam.

Eranthemum purpurascens Nees (Plate 7)

Distr.: India, Nepal.

Hemigraphis hirta (Vahl) T. Anders. (Plate 35)

Ruellia hirta Vahl

Distr.: India, Nepal.

Medicinal.

Justicia adhatoda L. (Plate 36)

Adhatoda vasica Nees

Nep.: *Asuro*.

Distr.: India, Nepal, Bhutan, Thailand, Malaysia.

Medicinal.

Justicia diffusa Willd. (Plate 36)

Distr.: India, Nepal, Sri Lanka, Myanmar, Thailand.

Justicia simplex D. Don (Plate 36)

Nep.: *Phurke Jhaar*.

Distr.: East Africa, India, Nepal, Bhutan, Sri Lanka, Myanmar, Thailand, Malaysia.

Medicinal.

Lepidagathis incurva Buch.-Ham. ex D. Don (Plate 36)

Nep.: *Ban-kuro*.

Distr.: India, Nepal, Bhutan, China, Malaysia.

Medicinal.

Nelsonia canescens (Lam.) Spreng.

Justicia canescens Lam.

Distr.: Africa, India, Nepal, Bhutan, Sri Lanka, China, Thailand, Malaysia, Australia.

Medicinal.

Phlogacanthus thyrsoformis (Hardw.) Mabb. (Plate 7, 37)

Justicia thyrsoformis Hardw.

Nep.: *Kalabasing*.

Distr.: India, Nepal, Bhutan.

This is a rare species in Kailali. This species has been collected at Khairala 6, 744 m.

Medicinal.

Rungia pectinata (L.) Nees

Justicia pectinata L.

Nep.: *Ukuchi Jhaar*.

Distr.: India, Nepal, Bhutan, China, Cambodia, Laos, Vietnam and Malaysia.

Medicinal.

Strobilanthes angustifrons C. B. Clarke

Goldfussia acuminata P. R. Shakya

Distr.: India (N. W. Himalaya), Nepal.

Strobilanthes auriculata Nees

Perilepta auriculata (Nees) Bremek.

Distr.: Pakistan, Nepal, India, Bangladesh, W. China, Myanmar, Cambodia, Laos, Vietnam.

Strobilanthes pentstemonoides (Nees)

T. Anders.

Goldfussia pentstemonoides Nees

Distr.: India (Kumaon), Nepal, Bhutan.

Strobilanthes urticifolia Wall. ex Kuntze

(Plate 37)

Distr.: Afghanistan, Pakistan, India, Nepal.

Thunbergia coccinea Wall. ex D. Don

(Plate 37)

Nep.: *Singaarna Laharaa*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam.

Medicinal.

Thunbergia grandiflora Roxb.

Nep.: *Kaag-chuchche*.

Distr.: India, Nepal, Bhutan, China,

Myanmar, Cambodia, Laos, Vietnam.

Medicinal.

ACORACEAE

Acorus calamus L.

Nep.: *Bojho*.

Distr.: Europe, North Asia, India, Nepal, Bhutan, Sri Lanka, China, Japan, Central and North America.

Medicinal.

ACTINIDIACEAE

Saurauia napaulensis DC.

Nep.: *Gogan*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Laos, Vietnam, Thailand, Malaysia.

Food.

ADOXACEAE

Viburnum cylindricum Buch.-Ham. ex

D. Don

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia.

Viburnum punctatum Buch.-Ham. ex D.

Don

Viburnum acuminatum Wall. ex DC.

Distr.: India, Nepal, Thailand, Cambodia, Laos, Vietnam, Indonesia.

ALISMATACEAE

Caldesia parnassifolia (Bassi ex L.) Parl.

(Plate 7, 37)

Alisma parnassifolium Bassi ex L.

Distr.: Europe, Africa, Russia, Pakistan, India, Nepal, China, Korea, Japan, Vietnam, Thailand, Australia.

Aquatic plant. This is a rare species in Kailali. This species has been collected at Ghodaghodi, 163 m.

Sagittaria guyanensis Kunth subsp.
lappula (D. Don) Bogin

Sagittaria lappula D. Don
Distr.: Africa, Afghanistan, Pakistan,
India, Nepal, China and SE Asia.
Aquatic. Medicinal.

Sagittaria sagittifolia L. subsp.
leucopetala (Miq.) Hartog

Sagittaria sagittifolia L. var. *leucopetala*
Miq.
Nep.: *Bishkabhre*.
Distr.: Subtropical and temperate regions
of Northern Hemisphere.
Aquatic. Medicinal.

AMARANTHACEAE

Achyranthes aspera L. (Plate 38)

Nep.: *Apaamaarga*. Chaudhary name:
Ultakur. Raji name: *Chichibhrata*.
Distr.: Pantropical.
Medicinal.

Achyranthes bidentata Blume

Nep.: *Datiwan*.
Distr.: Tropical Africa, India, Nepal,
China, Malaysia.
Medicinal.

Aerva lanata (L.) Juss. (Plate 38)

Achyranthes lanata L.
Distr.: Tropical Africa, India, Nepal, Sri
Lanka, Arabia, Indonesia (Java),
Philippines.
Medicinal.

Alternanthera philoxeroides (Mart.)
Griseb.

Bucholzia philoxeroides Mart.
Distr.: Native to Brazil.

Alternanthera sessilis (L.) DC. (Plate
7, 38)

Gomphrena sessilis L.
Nep.: *Saranchi Saag*.
Distr.: Old world tropics.
Medicinal.

Amaranthus caudatus L.

Nep.: *Latte Saag*.
Distr.: Native to the Andean highlands
(South America).
Medicinal.

Amaranthus lividus L.

Nep.: *Lunde Saag*.
Distr.: Widespread in the tropical and
temperate regions.

Amaranthus spinosus L.

Nep.: *Ban Lunde*.
Distr.: Native to America.
Medicinal.

Amaranthus viridis L.

Nep.: *Seto Lunde*.
Distr.: Pantropical.
Medicinal.

Chenopodium album L.

Nep.: *Bethe*.
Distr.: Cosmopolitan.
Medicinal.

Cyathula prostrata (L.) Blume

Achyranthes prostrata L.
Nep.: *Hili Jhaar*.
Distr.: Africa, India, Nepal, Bhutan,
China, Malaysia, Australia, Polynesia.
Medicinal.

Dysphania ambrosioides (L.) Mosyakin
& Clemants

Chenopodium ambrosioides L.

Nep.: *Raato Bethe*.

Distr.: Native to tropical America, now almost cosmopolitan.

Medicinal.

ANACARDIACEAE

Buchanania latifolia Roxb. (Plate 7, 38)

Nep.: *Pyar*.

Distr.: India, Nepal, Myanmar, Thailand.

Food Medicinal.

Semecarpus anacardium L. f. (Plate 8, 39)

Nep.: *Bhalaayo*. Raji: *Ryakh*.

Distr.: India, Nepal, Myanmar, Malaysia, Australia.

Medicinal.

APIACEAE

Centella asiatica (L.) Urban (Plate 39)

Hydrocotyle asiatica L.

Nep.: *Ghod Taapre*. Raji: *Ghodtaapre*.

Distr.: Widespread in tropical and subtropical regions throughout the world.

Medicinal.

Oenanthe javanica (Blume) DC.

Sium javanicum Blume

Distr.: Russia, Pakistan, India, Nepal, China, Japan, Thailand, Laos, Vietnam, Malaysia, Indonesia, Philippines.

Torilis japonica (Houtt.) DC.

Caucalis japonica Houtt.

Nep.: *Chhatare*.

Distr.: Eurasia.

Medicinal.

APOCYNACEAE

Alstonia scholaris (L.) R. Br. (Plate 39)

Echites scholaris L.

Nep.: *Chhatiwan*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Vietnam, Malaysia, Philippines, Australia.

Medicinal.

Asclepias curassavica L. (Plate 39)

Nep.: *Khorsaani Kose Phool*.

Distr.: Native to tropical America.

Medicinal.

Beaumontia grandiflora (Roxb.) Wall.

Echites grandiflora Roxb.

Nep.: *Gaunthali Phool*.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand and Vietnam.

Calotropis gigantea (L.) W. T. Aiton

Asclepias gigantea L.

Nep.: *Aak*. Raji: *Madar*.

Distr.: Tropical Africa, Pakistan, India, Nepal, Sri Lanka, China, Myanmar, Thailand, Vietnam, Malaysia, Indonesia.

Medicinal.

Calotropis procera (Aiton) W. T. Aiton

Asclepias procera Aiton

Nep.: *Baarhamaase Aank*.

Distr.: Tropical Africa, West Asia, Afghanistan, Pakistan, India, Nepal, China, Myanmar, Thailand, Vietnam.

Cryptolepis buchananii Roem. & Schult.

Nep.: *Gaai Singe*.

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Laos, Vietnam.

Medicinal.

Holarrhena pubescens (Buch.-Ham.)
Wall. ex G. Don (Plate 8, 40)

Echites pubescens Buch.-Ham.

Holarrhena antidysenterica Roth

Nep.: *Aul Khirro*. Chaudhary: *Kacheri*
Distr.: Africa, India, Nepal, Bangladesh,
China, Myanmar, Thailand, Cambodia,
Laos, Vietnam, Malaysia.
Medicinal.

Holostemma ada-kodien Schult.

Distr.: Pakistan, India, Nepal, Sri Lanka,
China, Myanmar, Thailand.
Medicinal.

Hoya lanceolata Wall. ex D. Don

Nep.: *Kurkure Jhaar*.
Distr.: India, Nepal, Bhutan and Myanmar.
Medicinal.

Ichnocarpus frutescens (L.) Aiton

Apocynum frutescens L.

Nep.: *Shyam-lataa*.
Distr.: Pakistan, India, Nepal, Bangladesh,
Sri Lanka, China, Myanmar, Thailand,

Oxystelma esculentum (L. f.) Sm.

Periploca esculenta L. f.

Nep.: *Arna-singe Lahar*.
Distr.: NE Africa, W Asia, Pakistan, India,
Nepal, Bangladesh, Sri Lanka, China,
Myanmar, Thailand, Laos, Vietnam,
Malaysia, Indonesia.

Pergularia daemia (Forssk.) Chiov.

Asclepias daemia Forssk.

Nep.: *Bichkaani Laharo*.
Distr.: Tropical Africa, West Asia, India,
Nepal, Sri Lanka, Myanmar, Malaysia.
Medicinal.

Rauvolfia serpentina (L.) Benth. ex Kurz
(Plate 8)

Ophioxylon serpentinum L.

Nep.: *Sarpagandhaa*. Chaudhari:
Jharbaera. Raji: *Dhadbiruwa*.
Distr.: India, Nepal, Bangladesh, Sri
Lanka, Myanmar, Thailand, Malaysia,
Indonesia. This is a rare species in Kailali.
Medicinal.

Trachelospermum lucidum (D. Don) K.
Schum.

Alstonia lucida D. Don

Nep.: *Dwari Laharaa*.
Distr.: Pakistan, India, Nepal, Bhutan.

Vallisneria spiralis (L.) O. Kuntze

Peltanthera solanacea Roth

Nep.: *Dudhe Laharaa*. Chaudhary:
Chegadudhi.
Distr.: Pakistan, India, Nepal, Bhutan, Sri
Lanka, China, Myanmar, Thailand,
Cambodia, Laos, Vietnam, Indonesia.
Medicinal.

APONOGETONACEAE

Aponogeton undulatus Roxb. (Plate 8)

Distr.: Pakistan, India, Nepal, Bangladesh,
Myanmar, Malaysia.
Aquatic plant.
This is a rare species in Kailali. This
species has been seen in Dewariya Tal.

AQUIFOLIACEAE

Ilex excelsa (Wall.) Hook. f.

Cassine excelsa Wall.

Nep.: *Puwanle*.
Distr.: Pakistan, India, Nepal, Bhutan,
China.

ARACEAE

Amorphophallus napalensis (Wall.)

Bogner & Mayo (Plate 9)

Thomsonia napalensis Wall.

Distr.: Nepal, N. E. India, Bhutan.

Ariopsis peltata Nimmo (Plate 8)

Distr.: India, Nepal, Myanmar.

This is a rare species in Kailali. This species has been seen at Sahajpur.

Arisaema concinnum Schott

Distr.: India, Nepal, China (Tibet), Myanmar.

Arisaema tortuosum (Wall.) Schott (Plate 40)

Arum tortuosum Wall.

Nep.: *Sarpa ko makai*.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Medicinal.

Colocasia fallax Schott

Nep.: *Jaluko*.

Distr.: India, Nepal.

Lemna perpusilla Torr.

Distr.: Temperate and tropical regions.

Pistia stratiotes L.

Nep.: *Jalkobi*.

Distr.: Pantropical region.

Aquatic. Medicinal.

Pothos chinensis (Raf.) Merr. (Plate 40)

Tapanava chinensis Raf.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Rhaphidophora glauca (Wall.) Schott (Plate 40)

Pothos glaucus Wall.

Nep.: *Kanchiruwa*.

Distr.: India, Nepal, Bhutan.

Typhonium trilobatum (L.) Schott (Plate 9, 41)

Arum trilobatum L.

Distr.: India, Nepal, Bhutan, Cambodia, Laos, Vietnam, Malaysia.

This is a rare species in Kailali. This species has been collected at Dewaria Botanical Garden, 179 m.

ARALIACEAE

Brassaiopsis glomerulata (Blume) Regel

Aralia glomerulata Blume

Nep.: *Kaalo Chuletro*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

Brassaiopsis hainla (Buch.-Ham. ex D. Don) Seem.

Hedera hainla Buch.-Ham. ex D. Don

Nep.: *Chuletro*.

Distr.: India, Nepal, Bhutan, China (Yunnan), Myanmar.

Heteropanax fragrans (Roxb.) Seem.

Panax fragrans Roxb.

Nep.: *Gaai Tero*.

Distr.: India, Nepal, China, Myanmar, Thailand.

Hydrocotyle himalaica P. K. Mukh.

Nep.: *Seto Taapre*.

Distr.: India, Nepal, Bhutan, China, Myanmar.
Medicinal.

Hydrocotyle javanica Thunb.

Raji: *Binase Jhaar*.

Distr.: Tropical Asia, India, Nepal, Bhutan, China, Korea, Vietnam, Malaysia, Australia.

Hydrocotyle sibthorpioides Lam.

Nep.: *Saano Ghodtaapre*.

Distr.: Widespread in the tropics of the Old World.

ARECACEAE

Calamus tenuis Roxb. (Plate 9)

Nep.: *Paani Bet*.

Distr.: India, Nepal, Bhutan.

This is a rare species in Kailali and is conserved and managed at Shakti CFUG, Dhansinghpur.

Phoenix acaulis Roxb. (Plate 10)

Nep.: *Thaakal*.

Distr.: India, Nepal, Myanmar.

Medicinal.

Phoenix loureiri Kunth (Plate 10)

Phoenix humilis Royle ex Beccari & Hook. f.

Nep.: *Thaakal*.

Distr.: India, Nepal, China, Myanmar, Cambodia, Laos, Vietnam.

Food Medicinal. This is a rare species in Kailali. This species has been seen at Bhasu ko bhir.

Wallichia oblongifolia Griff. (Plate 41)

Distr.: India, Nepal.

This is a rare species in Kailali. This species has been collected at Sugarkhal 1, 1070 m.

ASPARAGACEAE

Asparagus adscendens Roxb.

Distr.: Afghanistan, Pakistan, India, Nepal.

Asparagus filicinus Buch.-Ham. ex D. Don

Nep.: *Kurilo*. Raji: *Bhaale Gansya*.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar, Thailand.

Medicinal.

Asparagus racemosus Willd. (Plate 41)

Protasparagus racemosus (Willd.)

Oberm.

Nep.: *Kurilo*, *Sataawari*. Chaudhary: *Kurla*. Raji: *Pothi Gansya*.

Distr.: Africa, Pakistan, India, Nepal, China (Tibet), Myanmar, Malaysia, Australia.

Medicinal.

Chlorophytum nepalense (Lindl.) Baker

Phalangium nepalense Lindl.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Medicinal.

Chlorophytum tuberosum (Roxb.)

Baker (Plate 41)

Distr.: Native to Africa and India.

Medicinal. This is a rare species in Kailali.

This species has been collected at Dewaria Botanical Garden, 173 m.

ASTERACEAE

Acmella calva (DC.) Jansen

Spilanthes calva DC.

Nep.: *Laato Ghaans*.

Distr.: India, Nepal, Sri Lanka, Myanmar,

Malaysia, Indonesia.
Medicinal.

Acmella paniculata (Wall. ex DC.) R. K. Jansen (Plate 42)
Spilanthes paniculata Wall, ex DC.
Distr.: Nepal, India, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malesia.

Adenostemma lavenia (L.) Kuntze (Plate 42)
Verbesina lavenia L.
Distr.: Pantropical.
Medicinal.

Ageratina adenophora (Spreng.) R. King & H. Robinson
Eupatorium adenophorum Spreng.
Nep.: *Banmaaraa*.
Distr.: Native to Mexico.
Medicinal.

Ageratum conyzoides L.
Nep.: *Ganmane Ghaans*. Raji: *Raunia*.
Distr.: Pantropical.
Medicinal.

Ageratum houstonianum Mill.
Distr.: Pantropical.

Anaphalis busua (Buch.-Ham. ex D. Don) DC. (Plate 42)
Gnaphalium busua Buch.-Ham. ex D. Don
Nep.: *Buki Jhulo*.
Distr.: India, Nepal, Bhutan, Myanmar.

Anaphalis contorta (D. Don) Hook. f.
Antennaria contorta D. Don

Nep.: *Buki Phool*.
Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.

Artemisia dubia Wall. ex Besser
Nep.: *Titepaati*.
Distr.: India, Nepal, Bhutan, China, Korea, Japan.
Medicinal.

Artemisia indica Willd.
Nep.: *Titepaati*.
Distr.: India, Nepal, Bhutan, China, Japan, Myanmar, Thailand.
Medicinal.

Bidens bipinnata L.
Nep.: *Kurro*.
Distr.: Cosmopolitan weed.

Bidens biternata (Lour.) Merr. & Sherff
Coreopsis biternata Lour.
Distr.: Widespread in Africa, Asia, Australia.

Bidens pilosa L.
Nep.: *Kurkur Jhaar*.
Distr.: Native to tropical America.

Blumea axillaris (Lam.) DC.
Conyza axillaris Lam.
Distr.: Africa, South and southeast Asia, Australia, New Caledonia.

Blumea lacera (Burm. f.) DC.
Conyza lacera Burm. f.
Nep.: *Kukurmuttaa*.
Distr.: Africa, South and Southeast Asia, Australia.
Medicinal.

Blumeopsis flava (DC.) Gagnep. (Plate 42)

Blumea flava DC.

Distr.: Tropical and subtropical regions.

Caesulia axillaris Roxb.

Distr.: Pakistan, India, Nepal, Bangladesh, Myanmar.

Medicinal.

Carpesium abrotanoides L.

Distr.: Europe, Caucasus, Iran, India, Nepal, China, Korea, Japan, Cambodia, Laos, Vietnam.

Medicinal.

Centipeda minima (L.) A. Br. & Aschers.

Artemisia minima L.

Nep.: *Chhiunke Jhaar*.

Distr.: Africa, Asia, Australia.

Medicinal.

Cephalorrhynchus macrorrhizus (Royle) Tuisl

Mulgedium macrorrhizum Royle

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar.

Chrysanthellum americanum (L.) Vatke

Cineraria americana L.

Chrysanthellum indicum DC.

Distr.: Tropical Africa, Madagascar, India, Nepal.

Medicinal.

Cirsium arvense (L.) Scop.

Serratula arvensis L.

Nep.: *Thaakal*.

Distr.: Europe, Asia.

Conyza bonariensis (L.) Cronquist

Erigeron bonariensis L.

Nep.: *Maarchaa Jhaar*.

Distr.: Native to America.

Conyza canadensis (L.) Cronquist

Erigeron canadensis L.

Distr.: Native to North America.

Conyza japonica (Thunb.) Less. (Plate 43)

Erigeron japonicum Thunb.

Nep.: *Salaha Jhaar*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Japan, Myanmar, Cambodia, Laos, Thailand, Malaysia.

Conyza stricta Willd.

Distr.: Africa, west Asia, India, Nepal, Bhutan, Myanmar.

Conyza sumatrensis (Retz.) E. Walker

Erigeron sumatrensis Retz.

Distr.: Pantropical.

Crassocephalum crepidioides (Benth.)

S. Moore

Gynura crepidioides Benth.

Distr.: Africa, Madagascar; now pantropic weed.

Cyanthillium cinereum (L.) H. Rob. (Plate 43)

Conyza cinerea L.

Distr.: Tropical Africa, Asia, Australia.

Cyathocline purpurea (Buch.-Ham. ex D. Don) O. Kuntze

Tanacetum purpureum Buch.-Ham. ex D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Dichrocephala benthamii C. B. Clarke
(Plate 69)
Distr.: India, Nepal, Bhutan, China,
Laos, Vietnam.

Dichrocephala integrifolia (L. f.) O.
Kuntze
Hippia integrifolia L. f.
Nep.: *Haachhyunkaa Jhaar*.
Distr.: Tropical and subtropical Asia and
Africa and Pacific Island.
Medicinal.

Duhaldea cappa (DC.) A. Anderb. (Plate
43)
Inula cappa DC.
Nep.: *Gaaitihaare*.
Distr.: India, Nepal, Bhutan, China,
Thailand, Indonesia.

Eclipta prostrata (L.) L. (Plate 43)
Verbesina prostrata L.
Nep.: *Bhringaraaj*. Chaudhary: *Bhangrela*.
Distr.: Pantropical.
Medicinal.

Elephantopus scaber L. (Plate 44)
Chaudhary: *Dadari*.
Distr.: India, Nepal, Bangladesh, Sri
Lanka.
Medicinal.

Emilia sonchifolia (L.) DC.
Cacalia sonchifolia L.
Distr.: Tropical and subtropical zones of
Asia and Africa.
Medicinal.

Erigeron bellidioides (Buch.-Ham. ex D.
Don) Benth. ex C. B. Clarke
Aster bellidioides Buch.-Ham. ex D. Don
Distr.: Pakistan, India, Nepal, Bhutan.

Erigeron karvinskianus DC. (Plate 44)
Distr.: Native to Mexico.

Galinsoga parviflora Cav.
Nep.: *Chitlaange Ghaans*.
Distr.: Native to Tropical America (Peru).
Medicinal.

Galinsoga quadriradiata Ruiz & Pav.
Nep.: *Naulo Jhaar*.
Distr.: Native to Mexico.

Gnaphalium polycaulon Pers.
Nep.: *Buke Phool*.
Distr.: Pantropic.

Grangea maderaspatana (L.) Poir.
Artemisia maderaspatana L.
Nep.: *Gobre Jhaar*.
Distr.: Africa, Pakistan, India, Nepal,
Bangladesh, China, Thailand, Malaysia.
Medicinal.

Ixeris polycephala Cass.
Distr.: Caucasia, Afghanistan, India,
Nepal, China, Korea, Japan, Myanmar,
Thailand, Cambodia, Laos, Vietnam,

Lactuca dissecta D. Don
Distr.: C. Asia, Afghanistan, Pakistan
(Chitral), India, Nepal, China (Xizang).

Lactuca dolichophylla Kitam.
Distr.: Afghanistan, Pakistan, India,
Nepal, W. China.

Laggera alata (D. Don) Sch.Bip. ex Oliv.
Erigeron alatum D. Don
Nep.: *Manangre Jhaar*.
Distr.: Africa, Egypt, India, Nepal,
Bhutan, Bangladesh, Sri Lanka, China,
Myanmar, Southeast Asia.

Launaea procumbens (Roxb.) Ramayya
& Rajagopal

Prenanthes procumbens Roxb.
Distr.: Egypt, Arabia, Iraq, Iran. C. Asia,
Afghanistan, Pakistan, Himalaya, India.

Myriactis nepalensis Less.
Distr.: Iran, Turkestan, Afghanistan, India,
Nepal, Bhutan, China, Thailand,
Cambodia, Laos, Vietnam, Indonesia.

Parthenium hysterophorus L.
Distr.: Native to America.

Pentanema indicum (L.) Ling
Inula indica L.
Distr.: Tropical Africa, India, Nepal,
China, Myanmar, Thailand, Cambodia,
Laos, Vietnam.

Pentanema vestitum (Wall. ex DC.) Ling
Inula vestita Wall. ex DC.
Distr.: Afghanistan, Pakistan, India, Nepal.

Pulicaria dysenterica Gaertn.
Distr.: Europe, North Africa and eastwards
to Nepal.

Senecio nudicaulis Buch.-Ham. ex D.
Don
Distr.: Afghanistan, Pakistan. India,
Nepal, Bhutan, China (Yunnan).

Sigesbeckia orientalis L.
Distr.: Africa, India, Nepal, Bhutan,
China, Japan, Malaysia, Oceania,
Australia.

Soliva anthemifolia (Juss.) R. Br.
Gymnostyles anthemifolia Juss.
Distr.: Native to South America.

Sonchus asper (L.) Hill
Sonchus oleraceus L. var. *asper* L.

Distr.: Native to Europe.
Medicinal.

Sonchus wightianus DC.
Distr.: Afghanistan, Pakistan, India,
Nepal, Bhutan, Sri Lanka, China,
Myanmar, Malaysia.

Sphaeranthus indicus L. (Plate 44)
Distr.: Africa, Pakistan, India, Nepal,
Bhutan, China (Yunnan), Cambodia,
Laos, Vietnam, Thailand, Malaysia,
Australia.

Synedrella nodiflora (L.) Gaertn.
Verbesina nodiflora L.
Distr.: Native to America.

Taraxacum parvulum Wall. ex DC.
Distr.: Afghanistan, N. Pakistan, India,
Nepal.

Tragopogon gracilis D. Don
Nep.: *Gopaliya Saag*.
Distr.: Afghanistan, Pakistan, India,
Nepal.

Tridax procumbens L.
Distr.: Pantropical, of South American
origin.

Vernonia anthelmintica (L.) Willd.
Conyza anthelmintica L.
Distr.: Afghanistan, Pakistan, India,
Nepal, Laos.
Medicinal.

Vernonia squarrosa (D. Don) Less.
(Plate 45)
Acilepis squarrosa D. Don
Distr.: India, Nepal, China, Myanmar,
Thailand, Cambodia, Laos, Vietnam.

Xanthium strumarium L. (Plate 45)

Nep.: *Bhaisi Kuro*.

Distr.: Native to America.

Medicinal.

Youngia japonica (L.) DC.

Prenanthes japonica L.

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Japan, Cambodia, Laos, Vietnam, Malaysia, Philippines, U. S. A. (Hawaii).

BALSAMINACEAE

Impatiens scabrida DC.

Distr.: Pakistan, India, Nepal.

BEGONIACEAE

Begonia picta Sm.

Nep.: *Magar-kaanche*.

Distr.: Pakistan, India, Nepal, Bhutan.

BERBERIDACEAE

Berberis asiatica Roxb. ex DC. (Plate 45)

Nep.: *Chutro*.

Distr.: India, Nepal, Bhutan, China (Yunnan).

Medicinal.

BETULACEAE

Alnus nepalensis D. Don

Nep.: *Utis*.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Timber.

BIGNONIACEAE

Oroxylum indicum (L.) Vent. ex Kurz

Bignonia indica L.

Nep.: *Tatelo*. Chaudahry: *Sontata*. Raji: *Pradha*.

Distr.: India, Nepal, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia, Philippines.

Medicinal.

BORAGINACEAE

Bothriospermum zeylanicum (Jacq. f.)

Druce

Anchusa zeylanica Jacq. f.

Distr.: Afghanistan, Pakistan, India, Nepal (west, central), China, Japan, Malaysia.

Cynoglossum furcatum Wall. (Plate 45)

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Japan, Thailand, Vietnam, Malaysia, Philippines. Medicinal.

Cynoglossum glochidiatum Wall. ex Benth.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar.

Medicinal.

Cynoglossum lanceolatum Forssk.

Distr.: Africa, West Asia, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Malaysia, Philippines.

Ehretia laevis Roxb. (Plate 46)

Distr.: Pakistan, India, Nepal, Bhutan, China (Hainan), Myanmar, Thailand, Laos, Vietnam, Australia.

Heliotropium indicum L.

Distr.: Africa, Pakistan, India, Nepal (central, east), Bhutan, Bangladesh, China, Japan, Myanmar, Thailand, Laos, Vietnam, Malaysia, Indonesia, America. Medicinal.

Heliotropium strigosum Willd. (Plate 46)

Distr.: Africa, Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Australia.

Trichodesma indicum (L.) R. Br.

Borago indica L.

Distr.: Afghanistan, Pakistan, India, Nepal (west and central), Myanmar, Philippines, Mauritius.

BRASSICACEAE

Capsella bursa pastoris (L.) Medik.

Thlaspi bursa-pastoris L.

Distr.: Widely distributed in the temperate region. Medicinal.

Cardamine flexuosa With. (Plate 10)

Distr.: Europe, Pakistan, India, Nepal, Bhutan, Bangladesh, China, Korea, Japan Myanmar, Thailand, Laos, Vietnam, Malaysia, Indonesia and Philippines.

Nasturtium officinale R. Br.

Rorippa nasturtium-aquaticum (L.)

Hayek

Sisymbrium nasturtium-aquaticum L.

Distr.: Native to Europe and southwest Asia. Medicinal.

Rorippa indica (L.) Hiern (Plate 46)

Sisymbrium indicum L.

Distr.: Pakistan, India, Nepal, Bangladesh, China, Korea, Japan, Myanmar, Thailand, Laos, Vietnam, Malaysia, Indonesia and Philippines.

BURSERACEAE

Garuga pinnata Roxb.

Nep.: *Dabdabe*.

Distr.: India, Nepal, Bhutan, Myanmar, Thailand, Malaysia. Timber.

BUXACEAE

Sarcococca saligna (D. Don) Mueller

Buxus saligna D. Don

Distr.: Afghanistan, Pakistan, India, Nepal, China.

CAMPANULACEAE

Campanula benthamii Wall. ex Kitam.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, Myanmar.

Campanula pallida Wall.

Nep.: *Nilo Bikh*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam. Medicinal.

Campanula sylvatica Wall.

Distr.: Pakistan, India, Nepal, Bhutan.

Codonopsis viridis Wall.

Distr.: Pakistan, India, Nepal, Bhutan.

Lobelia heyneana Roem. & Schult.

Distr.: Africa, Himalaya, India, Sri Lanka,

China, Thailand, Cambodia, Laos, Vietnam, Malaysia.

Lobelia seguinii Lev. & Vaniot var. **doniana** (Skotts.) E. Wimm. (Plate 46)
Lobelia doniana Skotts.
Distr.: India, Nepal, China, Myanmar.
Medicinal.

CANNABACEAE

Cannabis sativa L. (Plate 47)
Nep.: *Bhaang*.
Distr.: Probably native to Central Asia.
Medicinal.

CAPPARACEAE

Capparis spinosa L.
Nep.: *Baagh Mukhuwa*.
Distr.: South Europe, Africa, Central Asia, India, Nepal, Bangladesh, eastwards to Australia, N. America.
Medicinal.

CAPRIFOLIACEAE

Abelia triflora R. Br. ex Wall.
Distr.: Afghanistan, Pakistan, India, Nepal.

Dipsacus inermis Wall. (Plate 10, 47)
Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan.

Lonicera quinquelocularis Hardw.
Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.

Valeriana hardwickii Wall.
Distr.: India, Nepal, China, Myanmar, Indonesia.

CARYOPHYLLACEAE

Drymaria cordata (L.) Willd. ex Roem. & Schult.
Holosteum cordatum L.
Distr.: Native to Central and South America.
Medicinal.

Drymaria diandra Blume
Distr.: Africa, India, Nepal, W. & S. China & S. Japan, Malaysia, Australia, Oceania.

Spergula arvensis L.
Distr.: Cosmopolitan.

Stellaria media (L.) Vill.
Alsine media L.
Distr.: A cosmopolitan.
Medicinal.

CELASTRACEAE

Celastrus paniculatus Willd. (Plate 47)
Distr.: India, Nepal, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Australia, New Caledonia.

Euonymus hamiltonianus Wall.
Distr.: Afghanistan, Pakistan, India, Nepal, Myanmar.

Lophopetalum wightianum Arn.
Distr.: India, Nepal, Bhutan, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

Maytenus rufa (Wall.) H. Hara
Celastrus rufa Wall.
Distr.: India, Nepal, Bhutan.

Reissantia arborea (Roxb.) H. Hara
Hippocratea arborea Roxb.
Distr.: India, Nepal, Bhutan, China,
Myanmar.

COLCHICACEAE

Iphigenia indica (L.) A Gray ex Kunth
(Plate 47)
Melanthium indicum L.
Distr.: India, Nepal, Sri Lanka, China,
Myanmar, Cambodia, Vietnam, Thailand,
Philippines, Indonesia, Australia.

COMBRETACEAE

Anogeissus latifolius (Roxb. ex DC.)
Bedd. (Plate 48)
Conocarpus latifolius Roxb. ex DC.
Nep.: *Baanjhi*.
Distr.: India, Nepal, Sri Lanka.
Medicinal.

Combretum decandrum Roxb. ex D.
Don
Combretum roxburghii Spreng.
Nep.: *Biri Paate*.
Distr.: India, Nepal, China, Myanmar,
Cambodia, Laos, Vietnam.

Terminalia bellirica (Gaertn.) Roxb.
(Plate 48)
Myrobalanus bellirica Gaertn.
Nep.: *Barro*. Raji: *Bayarang*.
Distr.: India, Nepal, Sri Lanka, Myanmar,
Thailand, Cambodia, Laos, Vietnam,
Malaysia.
Medicinal.
Timber.

Terminalia chebula Retz.
Nep.: *Harro*. Raji: *Harai*.

Distr.: India, Nepal, Sri Lanka, Myanmar.
Medicinal.
Timber.

Terminalia elliptica Willd. (Plate 48)
Nep.: *Saaj*.
Distr.: India, Nepal, Sri Lanka, Myanmar,
Thailand, Cambodia, Laos, Vietnam.
Medicinal. Timber.

COMMELINACEAE

Commelina benghalensis L.
Nep.: *Kaane Saag*.
Distr.: Tropical and subtropical regions of
Africa and Asia.
Medicinal.

Commelina diffusa Burm. f.
Distr.: Pantropical and warm temperate
regions.

Commelina paludosa Blume
Distr.: Pakistan, India, Nepal, Bhutan,
Bangladesh, Sri Lanka, Myanmar,
Southeast Asia.

Cyanotis cristata (L.) D. Don
Commelina cristata L.
Distr.: Tropical Africa, Pakistan, India,
Nepal, Bhutan, Sri Lanka, China,
Southeast Asia.

Cyanotis vaga (Lour.) J. A. Schult. & J.
H. Schult. (Plate 48)
Tradescantia vaga Lour.
Distr.: W. Africa, C. Asia, Nepal, N. E.
India, Bhutan, China, Myanmar, Laos,
Vietnam, Thailand.

Murdannia edulis (Stokes) Faden (Plate
49)
Commelina edulis Stokes

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Vietnam, Malaysia, Indonesia, Philippines, New Guinea.
Medicinal.

Murdannia nudiflora (L.) Brenan
Commelina nudiflora L.

Distr.: Africa, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Myanmar, Thailand, Malaysia, Indonesia, Philippines.
Medicinal.

CONVOLVULACEAE

Cuscuta reflexa Roxb.
Nep.: *Aakaashbeli*.

Distr.: Afghanistan, Pakistan, India, Nepal, Sri Lanka, China (Yunnan), Myanmar, Thailand, Malaysia, Indonesia (Java).

Dinetus racemosus (Roxb.) Buch.-Ham.
ex Sweet
Porana racemosa Roxb.

Distr.: India, Nepal, China, Myanmar, Malaysia.

Evolvulus alsinoides (L.) L.
Convolvulus alsinoides L.

Nep.: *Shankhapushpi*.
Distr.: Tropical and subtropical regions of both hemispheres.
Medicinal.

Evolvulus nummularius (L.) L. (Plate 10, 49)
Convolvulus nummularius L.

Nep.: *Badaam-paate*.
Distr.: Native to New World tropics,

tropical Africa and Madagascar.
Medicinal.

Ipomoea aquatica Forssk. (Plate 49)
Nep.: *Karmi Saag*.

Distr.: Possibly native to India; now pantropical.

Ipomoea carnea Jacq. subsp. **fistulosa** (Mart. ex Choisy) D. F. Austin
Ipomoea fistulosa Mart. ex Choisy
Nep.: *Besharam*.

Distr.: Native of South America; naturalised in Nepal.

Poranopsis paniculata (Roxb.) Roberty (Plate 10, 49)
Porana paniculata Roxb.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar.
This is a rare species in Kailali. This species has been collected at Khairala, 308 m.

CORIARIACEAE

Coriaria napalensis Wall. (Plate 11, 50)
Nep.: *Machhaaino*.
Distr.: Pakistan, India, Nepal, Bhutan, W. China, N. Myanmar.

CORNACEAE

Alangium chinense (Lour.) Harms
Styloidium chinense Lour.
Distr.: Tropical Africa, India, Nepal, Bhutan, China, Myanmar, Malaysia.

Alangium salviifolium (L. f.) Wangerin
Grewia salviifolia L. f.
Nep.: *Amphi*.

Distr.: Africa, India, Nepal, Sri Lanka, China, Thailand, Cambodia, Laos, Vietnam.

Cornus macrophylla Wall.

Swida macrophylla (Wall.) Sojak
Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar.

Cornus oblonga Wall.

Swida oblonga (Wall.) Sojak
Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Vietnam.

COSTACEAE

Hellenia speciosa (J. Koenig) Govaerts

Banksea speciosa J. Koenig
Cheilocostus speciosus (J. Koenig) C. Specht
Costus speciosus (J. Koenig) Sm.
Nep.: *Betlauri*.

Distr.: India, Nepal, Bhutan, China, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia, Philippines, Australia.
Medicinal.

This is a rare species in Kailali. This species has been seen in natural forest of Dewariya Botanical Garden.

CUCURBITACEAE

Diplocyclos palmatus (L.) C. Jeffrey (Plate 50)

Bryonia palmata L.
Nep.: *Shivalingi*.
Distr.: Africa, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Malaysia, Australia.
Medicinal. This is a rare species in Kailali.

This species has been collected at Dewaria Botanical Garden, 174 m.

Mukia maderaspatana (L.) Roem.

Cucumis maderaspatana L.
Distr.: Africa, Pakistan, India, Nepal, Bhutan, Malaysia, Australia, New Zealand.

Solena heterophylla Lour.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia, Australia.
Medicinal.

CYPERACEAE

Bulbostylis barbata (Rottb.) C. B. Clarke

Scirpus barbatus Rottb.
Distr.: Old World tropics and subtropics from North Africa to India, Nepal, Bhutan, China, Japan, Indonesia, North Australia.

Bulbostylis densa (Wall.) Hand.-Mazz.

Scirpus densus Wall.
Distr.: Africa, India, Nepal, Bhutan, China, Japan.

Carex cruciata Wahlenb. (Plate 50)

Distr.: Madagascar, India, Nepal, China, Japan.

Cyperus compactus Retz. (Plate 50)

Distr.: Madagascar, Pakistan, India, Nepal, Sri Lanka, China, Myanmar, SE Asia, Australia.

Cyperus corymbosus Rottb. (Plate 11)

Distr.: Pantropical.

Cyperus cuspidatus Kunth

Distr.: Pantropical.

Cyperus cyperoides (L.) Kuntze (Plate 51)

Scirpus cyperoides L.

Distr.: Widely spread in tropical and subtropical zones of the Old World, also extending northwards in eastern Asia as far as central Japan.

Cyperus difformis L.

Distr.: Tropical, subtropical and temperate regions of both hemispheres.

Cyperus digitatus Roxb.

Distr.: Tropical and subtropical regions of both hemispheres.

Cyperus distans L. f. (Plate 51)

Distr.: Tropical and subtropical zones of both hemispheres.

Cyperus esculentus L.

Distr.: South Europe, Africa, India, Nepal, America.

Cyperus iria L. (Plate 51)

Distr.: Tropical, subtropical and temperate zones of both hemispheres.

Cyperus niveus Retz. (Plate 52)

Distr.: Central Asia, India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam.

Cyperus nutans Vahl

Distr.: W. Africa, Nepal, India, Indo-China, S. China.

Cyperus squarrosus L. (Plate 52)

Distr.: Native to North America.

Cyperus tenuiculmis Boeck.

Distr.: India, Nepal, Bhutan, China, Malaysia, Pacific Islands.

Eleocharis congesta D. Don (Plate 52)

Distr.: Nepal, India, Indo-China, China, Japan.

Eleocharis dulcis (Burm. f.) Trin. ex Hensch. (Plate 11)

Andropogon dulce Burm. f.

Distr.: Africa, India, Nepal, East and Southeast Asia, North Australia.

Erioscirpus comosus (Wall.) Palla (Plate 52)

Distr.: Afghanistan, Pakistan, India, Nepal, China and Myanmar.

Fimbristylis aestivalis (Retz.) Vahl

Scirpus aestivalis Retz.

Distr.: Widely spread in tropical, subtropical and temperate regions of Asia, south to North Australia.

Fimbristylis bisumbellata (Forssk.) Bubani (Plate 53)

Scirpus bisumbellatus Forssk.

Distr.: North Africa, West Asia, India, Nepal, China, Japan, Malaysia.

Fimbristylis complanata (Retz.) Link

Scirpus complanatus Retz.

Distr.: Pantropical, South China and Japan.

Fimbristylis dichotoma (L.) Vahl (Plate 53)

Scirpus dichotomus L.

Distr.: Tropical to temperate regions.

Fimbristylis falcata (Vahl) Kunth (Plate 53)

Scirpus falcatus Vahl

Distr.: India, Nepal, Bhutan, Sri Lanka.

Fimbristylis littoralis Gaudich. (Plate 53)

Distr.: Tropical, subtropical and temperate regions of the world.

Fimbristylis ovata (Burm. f.) Kern

Carex ovata Burm. f.

Distr.: Pantropical, extending to Japan.

Fimbristylis schoenoides (Retz.) Vahl

Scirpus schoenoides Retz.

Distr.: India, Nepal, China, Cambodia, Laos, Vietnam, Malaysia, North Australia.

Fimbristylis squarrosa Vahl

Distr.: Tropical, subtropical and temperate regions of both hemispheres.

Isolepis setacea (L.) R. Br.

Scirpus setaceus L.

Distr.: Eurasia and Australia.

Kyllinga nemoralis (J. R. Forst. & G. Forst.) Dandy ex Hutch. & Dalziel (Plate 51)

Thryocephalon nemoralis J. R. Forst. & G. Forst.

Nep.: *Suiro Ghaans*.

Distr.: Africa, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Cambodia, Laos, Vietnam, SE Asia, Australia.

Mariscus sumatrensis (Retz.) T. Koyama

Distr.: Widespread in tropical and subtropical regions of the Old World.

Pycreus flavidus (Retz.) T. Koyama (Plate 54)

Cyperus flavidus Retz.

Distr.: South Europe, Africa, West and Central Asia, India, Nepal, China, Japan, Malaysia.

Pycreus sanguinolentus (Vahl) Nees ex C. B. Clarke (Plate 54)

Cyperus sanguinolentus Vahl

Distr.: Africa, from Central Asia and India through China to the temperate Far East, Malaysia, Oceania.

Schoenoplectus juncooides (Roxb.) Palla (Plate 54)

Scirpus juncooides Roxb.

Nep.: *Paani Mothe*.

Distr.: India, Nepal, Bhutan, China, Japan, Cambodia, Laos, Vietnam, Malaysia.

Schoenoplectus mucronatus (L.) Palla

Scirpus mucronatus L.

Distr.: Central and southern Europe eastwards to Japan.

Scleria biflora Roxb.

Distr.: India, Nepal, Sri Lanka, China, Japan, Cambodia, Laos, Malaysia.

Scleria levis Retz. (Plate 54)

Distr.: Nepal, India, Sri Lanka eastwards to S. China and C. Japan, south to Malaysia and N. Australia.

This is a rare species in Kailali. This species has been collected at Dewaria Botanical Garden, 174 m.

DILLENACEAE

Dillenia indica L.

Nep.: *Raamphal*.

Distr.: India, Nepal, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam, South China, Malaysia.
Timber.

DIOSCOREACEAE

Dioscorea belophylla (Prain) Voigt ex Haines

Dioscorea nummularia Lam. var. *belophylla* Prain

Nep.: *Ban Tarul*.

Distr.: India, Nepal, Bhutan.

Dioscorea bulbifera L.

Nep.: *Bhyakur*.

Distr.: Tropical regions of the Old World.

Dioscorea deltoidea Wall. ex Griseb.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Vietnam.

Dioscorea pentaphylla L.

Distr.: Africa, India, Nepal, Bhutan, Bangladesh, China, Japan, Southeast Asia, Australia.

Medicinal.

DIPTEROCARPACEAE

Shorea robusta Roxb. ex Gaertn. f. (Plate 55)

Nep.: *Saal*.

Distr.: India, Nepal, Bhutan.

Medicinal. Timber.

DROSERACEAE

Drosera peltata Thunb. (Plate 11, 55)

Drosera lunata Buch.-Ham. ex DC.

Distr.: India, Nepal, Bhutan, China, Japan, Malaysia, Australia and Tasmania.

Medicinal.

EBENACEAE

Diospyros montana Roxb.

Chaudhary: *Tendu*.

Distr.: India, Nepal, Sri Lanka, Malaysia, tropical Australia.

ERICACEAE

Lyonia ovalifolia (Wall.) Drude (Plate 55)

Andromeda ovalifolia Wall.

Pieris ovalifolia (Wall.) D. Don

Nep.: *Angeri*.

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia.

Medicinal.

Rhododendron arboreum Sm.

Nep.: *Laali Guraans*.

Distr.: India, Nepal, Bhutan, China (Tibet).

Medicinal.

EUPHORBIACEAE

Acalypha indica L.

Distr.: Tropical Africa, India, Nepal, Sri Lanka.

Antidesma acidum Retz.

Antidesma diandrum (Roxb.) Roth

Nep.: *Archal*. Raji: *Chau*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Indonesia.

Medicinal.

Aporosa octandra (Buch.-Ham. ex D. Don) A. R. Vickery ex M. J. Short & A. R. Vickery

Myrica octandra Buch.-Ham. ex D. Don

Aporosa dioica (Roxb.) Muell.-Arg.

Aporosa roxburghii Baill.

Distr.: Nepal, India, China, Myanmar, Southeast Asia and Malaysia.

Baccaurea ramiflora Lour.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

Balakata baccata (Roxb.) Esser

Sapium baccatum Roxb.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia.
Medicinal.

Bridelia retusa (L.) A. Juss. (Plate 55)

Clutia retusa L.

Nep.: Gayo. Raji: Drek.

Distr.: India, Nepal, Sri Lanka, Myanmar, Cambodia, Laos, Vietnam, Malaysia, Indonesia (Sumatra).
Medicinal.

Croton bonplandianus Baill.

Distr.: Native to South America.

Medicinal.

Euphorbia heterophylla L.

Distr.: Pantropical.

Euphorbia hirta L.

Distr.: Pantropical.

Medicinal.

Euphorbia prostrata Aiton

Distr.: Pantropical.

Medicinal.

Euphorbia thymifolia L. (Plate 56)

Distr.: Tropical Asia.

Medicinal.

Falconeria insignis Royle

Sapium insigne (Royle) Benth. ex Hook. f.

Distr.: India, Nepal, Bhutan, Sri Lanka, Myanmar, Cambodia, Laos, Vietnam, Malaysia.
Medicinal.

Flueggea virosa (Willd.) Voigt subsp. **himalaica** D. G. Long

Distr.: Tropical Africa, South, Southeast and East Asia.
Medicinal.

Glochidion heyneanum (Wight & Arn.) Wight

Gyoon heyneanum Wight & Arn.

Distr.: India, Nepal, Bhutan, Myanmar.
Medicinal.

Glochidion nubigenum Hook. f.

Distr.: India, Nepal, Bhutan, China, N. Thailand.

Macaranga denticulata (Blume) Muel. Arg.

Mappa denticulata Blume

Distr.: India, Nepal, China, Myanmar, Thailand, Malaysia.

Macaranga pustulata King ex Hook. f.

Distr.: India, Nepal, Bhutan.

Medicinal.

Mallotus philippensis (Lam.) Muel. Arg. (Plate 56)

Croton philippense Lam.

Nep.: Sindhure.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Cambodia, Laos, Vietnam, Malaysia, Australia, Polynesia.
Medicinal.

Phyllanthus emblica L.

Emblica officinalis Gaertn.

Nep.: *Amalaa*.

Distr.: S, E and SE Asia.

Phyllanthus reticulatus Poir.

Distr.: Tropical Africa, India, Nepal, Bhutan, Sri Lanka, China, Southeast Asia and Malaysia.

Medicinal.

Phyllanthus urinaria L. (Plate 56)

Distr.: Pantropical.

Ricinus communis L.

Distr.: Probably native to north east tropical Africa.

Medicinal.

Trewia nudiflora L. (Plate 56)

Distr.: Pakistan, India, Nepal, Sri Lanka, China, Myanmar, Malaysia.

FABACEAE

Abrus precatorius L. (Plate 11)

Nep.: *Ratigedi*.

Distr.: Tropical and subtropical regions of Africa, Asia, Australia and Pacific Islands.

Medicinal.

Acacia caesia (L.) Willd.

Mimosa caesia L.

Distr.: Pakistan, India, Nepal, Bangladesh, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Acacia catechu (L. f.) Willd.

Mimosa catechu L. f.

Nep.: *Khayer*.

Distr.: India, Nepal, China, Myanmar, Thailand.

Medicinal. Timber.

Acacia concinna (Willd.) DC. (Plate 12)

Mimosa concinna Willd.

Nep.: *Shikaakaai*.

Distr.: Tropical Asia.

Medicinal.

Acacia farnesiana (L.) Willd.

Mimosa farnesiana L.

Distr.: Native to tropical America.

Aeschynomene aspera L.

Distr.: Pakistan, India, Nepal, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Malaysia.

Aeschynomene indica L.

Distr.: Tropical regions of Old World.

Albizia odoratissima (L. f.) Benth.

Mimosa odoratissima L. f.

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand.

Alysicarpus glumaceus (Vahl) DC.

Hedysarum glumaceum Vahl

Distr.: Tropical Africa, Madagascar, India, Nepal, Sri Lanka, China, Southeast Asia, Malaysia and Australia (Queensland).

Alysicarpus vaginalis (L.) DC.

Hedysarum vaginale L.

Distr.: Tropics of the Old World.

Bauhinia purpurea L.

Nep.: *Raato Koiraalo*.

Distr.: India, Nepal, Bhutan, China, Southeast Asia.

Bauhinia vahlii Wight & Arn. (Plate 12)

Nep.: *Bhorlaa*. Raji: *Mik Laharaa*.

Distr.: India, Nepal.

Medicinal.

Bauhinia variegata L.

Nep.: *Koiralo*.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar.

Medicinal.

Butea buteiformis (Voigt) Grierson & D. G. Long (Plate 12)

Meizotropis buteiformis Voigt

Nep.: *Bhujetro*.

Distr.: India, Nepal, Bhutan, Bangladesh, China (Xizang), Myanmar.

Butea monosperma (Lam.) Taubert

Erythrina monosperma Lam.

Nep.: *Palaas*.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar and SE Asia.

Medicinal. This is a rare species in Kailali. This species has been seen in natural forest of Dewariya Botanical Garden

Butea parviflora Roxb. (Plate 12, 57)

Spatholobus parviflorus (Roxb.) Kuntze

Spatholobus roxburghii Benth.

Nep.: *Debre Laharaa*.

Distr.: India, Nepal, China, Southeast Asia.

Medicinal.

Cassia fistula L. (Plate 12)

Nep.: *Raajbriksha*. Raji: *Asainrokha*.

Distr.: India, Nepal, Myanmar and Malaysia.

Medicinal.

Chamaecrista mimosoides (L.) Greene

Cassia mimosoides L.

Distr.: Pantropics, in Asia tropics to warm temperate regions.

Crotalaria sessiliflora L.

Distr.: Pakistan, India, Nepal, Bhutan, China, Japan, Malaysia.

Crotalaria spectabilis Roth

Crotalaria sericea Retz.

Nep.: *Chhinchhine* Bish.

Distr.: Pakistan, India, Nepal, Myanmar.

Dalbergia latifolia Roxb. (Plate 57)

Nep.: *Satisaal*.

Distr.: India, Nepal, Bangladesh, Cambodia, Laos, Vietnam, Malaysia.

Dalbergia sericea G. Don (Plate 13, 57)

Distr.: India, Nepal, Bhutan.

Dalbergia sissoo Roxb. ex DC.

Nep.: *Sisau*.

Distr.: Afghanistan, Pakistan, India, Nepal.

Medicinal. Timber.

Desmodium concinnum DC.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar.

Desmodium elegans DC.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.

Desmodium gangeticum (L.) DC. (Plate 57)

Hedysarum gangeticum L.

Distr.: Tropical Africa, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Southeast Asia, Malaysia, Australia.

Medicinal.

Desmodium triflorum (L.) DC.

Hedysarum triflorum L.

Distr.: Africa, Pakistan, India, Nepal, Sri Lanka, China, Southeast Asia, Pacific Islands, Australia, America.

Entada rheedei Spreng.

Nep.: *Lekh Paangraa*.

Distr.: Tropical and subtropical Asia.

Flemingia chappar Buch.-Ham. ex Benth. (Plate 58)

Distr.: India, Nepal, Myanmar.

Flemingia macrophylla (Willd.) O. Kuntze ex Merr.

Crotalaria macrophylla Willd.

Distr.: India, Nepal, Sri Lanka, China, Southeast Asia, Malaysia, Australia.

Flemingia strobilifera (L.) Aiton (Plate 13, 58)

Hedysarum strobiliferum L.

Distr.: Tropical to subtropical regions in Asia and America.

Hylodesmum podocarpum (DC.) H. Ohashi & R. R. Mill

Desmodium podocarpum DC.

Distr.: Pakistan (Chitral), India, Nepal, Bhutan, China, Korea, Japan, Philippines.

Hylodesmum podocarpum (DC.) H. Ohashi & R. R. Mill subsp. **oxyphyllum** (DC.) H. Ohashi & R. R. Mill

Desmodium oxyphyllum DC.

Distr.: Pakistan, India, Nepal, Bhutan, China, Korea, Japan, Myanmar, Laos, Vietnam.

Indigofera cylindracea Graham ex Baker

Distr.: India (Kumaun), Nepal.

Indigofera hebetata Baker forma **glabra** (Ali) H. Ohashi.

Distr.: Pakistan (Chitral), India, Nepal, Bhutan.

Indigofera heterantha Wall. ex Brandis

Nep.: *Sakhino*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.

Indigofera linifolia (L. f.) Retz.

Hedysarum linifolium L. f.

Distr.: Africa, West Asia, India, Nepal, Sri Lanka, China, Southeast Asia, Malaysia, Australia.

Indopiptadenia oudhensis (Brandis) Brenan (Plate 13, 58)

Nep.: *Haatti Paailee*

Piptadenia oudhensis Brandis

Distr.: India (Uttar Pradesh), Nepal.

Lathyrus aphaca L.

Distr.: Europe, North Africa, West and Central Asia, Pakistan, India, Nepal.

Lathyrus sativus L.

Distr.: Native to southern Europe and western Asia.

Lathyrus sphaericus Retz.

Distr.: Europe, Africa, W. Asia, C. Asia, Pakistan (Chitral), India, Nepal.

Millettia extensa (Benth.) Baker

Otosema extensa Benth.

Nep.: *Gaujo*. Raji: *Gaujo*.

Distr.: India, Nepal, Bhutan, Cambodia, Laos, Vietnam.
Medicinal.

Millettia pachycarpa Benth.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Mimosa himalayana Gamble

Distr.: Afghanistan, Pakistan, India,

Nepal, Bhutan.
Medicinal.

Mimosa pudica L.

Nep.: *Lajjaawati*.

Distr.: Native to tropical America.
Medicinal.

Parochetus communis Buch.-Ham. ex D.
Don

Distr.: Africa, North India, Nepal, Bhutan,
Sri Lanka, China, Southeast Asia,
Malaysia.

Phyllodium pulchellum (L.) Desv.

Hedysarum pulchellum L.

Distr.: India, Nepal, Sri Lanka, China,
Japan (Ryukyu Islands), Myanmar,
Thailand, Cambodia, Laos, Vietnam,
Malaysia, N. Australia.

Pterocarpus marsupium Roxb.

Nep.: *Bijayasaal*.

Distr.: India, Nepal.

Timber. This is a rare species in Kailali.
This species has been seen in Khairala,
Masurya.

Pueraria phaseoloides (Roxb.) Benth.

Distr.: India, Nepal, Bhutan, Myanmar,
Thailand, Malaysia.

Senna floribunda (Cav.) H. S. Irwin &
Barneby

Cassia floribunda Cav.

Distr.: Tropical America.

Senna occidentalis (L.) Link

Cassia occidentalis L.

Distr.: Native to South America.

Senna tora (L.) Roxb. (Plate 58)

Cassia tora L.

Distr.: Tropics, probably of S. American
origin.

Medicinal.

Smithia sensitiva Aiton (Plate 59)

Distr.: Africa, India, Nepal, China,
Southeast Asia, Malaysia, Australia.

Tephrosia candida DC.

Distr.: India, Nepal, Bhutan, Myanmar,
Malaysia.

Tephrosia purpurea (L.) Pers.

Cracca purpurea L.

Distr.: India, Nepal, Sri Lanka, Malaysia.

Trifolium repens L.

Distr.: Native to Europe, north Africa and
China.

Trigonella emodi Benth.

Distr.: Afghanistan, Pakistan, India,
Nepal, Bhutan.

Uraria lagopodioides (L.) Desv.

Hedysarum lagopodioides L.

Distr.: India, Nepal, Bhutan, China,
Southeast Asia, Malaysia, Pacific Islands
and tropical Australia.

Uraria lagopus DC.

Distr.: India, Nepal, Bhutan.

Uraria picta (Jacq.) Desv. ex DC.

Hedysarum pictum Jacq.

Distr.: Tropical Africa, India, Nepal,
Bhutan, Sri Lanka, China, Southeast Asia,
Malaysia, Australia.

Vicia hirsuta (L.) S. F. Gray

Ervum hirsutum L.

Distr.: Europe, Africa and Asia (except for Southeast Asia, Malaysia).

Vicia tetrasperma Moench

Distr.: Europe, Northwest Africa, Southwest Asia, Pakistan, India, Nepal, Japan.

Zornia gibbosa Span.

Distr.: India, Nepal, Bhutan, China, Malaysia, Australia.

FAGACEAE

Castanopsis indica (Roxb.) Miq.

Castanea indica Roxb.

Nep.: *Dhaalne Katus*.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Medicinal. Timber.

Quercus lanata Sm.

Quercus lanuginosa D. Don

Nep.: *Baanjh*.

Distr.: North India, Nepal, Bhutan, Myanmar, Cambodia, Laos, Vietnam.

Timber.

Quercus leucotrichophora A. Camus
(Plate 13, 59)

Quercus incana Roxb.

Distr.: Pakistan, India, Nepal, Sri Lanka.
Timber.

GENTIANACEAE

Canscora alata (Roth) Wall. (Plate 59)

Exacum alatum Roth

Distr.: Old World tropics.

Canscora diffusa (Vahl) R. Br. ex Roem. & Schult.

Gentiana diffusa Vahl

Distr.: Tropical Africa, Asia and Australia.

Centaurium meyeri (Bunge) Druce

Erythraea meyeri Bunge

Distr.: Europe, Afghanistan, Pakistan, India, Nepal.

Exacum tetragonum Roxb.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia, Philippines, New Guinea.

Swertia angustifolia Buch.-Ham. ex D.

Don (Plate 14, 59)

Nep.: *Chiraaaito*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Vietnam.

Medicinal.

Swertia chirayita (Roxb. ex Fleming)

Karst.

Gentiana chirayita Roxb. ex Fleming

Nep.: *Chiraaaito*.

Distr.: India, Nepal, Bhutan.

Medicinal.

GERANIACEAE

Geranium nepalense Sweet (Plate 60)

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

GESNERIACEAE

Aeschynanthus parviflorus (D. Don)

Spreng. (Plate 60)

Trichosporum parviflorum D. Don

Distr.: India, Nepal.

Chirita bifolia D. Don
Distr.: India, Nepal, Bhutan.

Coraliodiscus lanuginosus (Wall. ex R. Br.) B. L. Burt
Didymocarpus lanuginosus Wall. ex R. Br.
Distr.: India, Nepal, Bhutan, China, Thailand.

Didymocarpus aromaticus Wall. ex D. Don
Distr.: India, Nepal, China (Tibet).

Rhynchoglossum obliquum Blume (Plate 60)
Distr.: S, E and SE Asia.

HYDROCHARITACEAE

Hydrilla verticillata (L. f.) C. Presl
Serpicula verticillata L. f.
Distr.: South & East Europe, Africa, South and East Asia to Australia.
Aquatic.

Najas graminea Delile
Distr.: Throughout the Old World.
Aquatic.

Ottelia alismoides (L.) Pers. (Plate 14)
Stratiotes alismoides L.
Distr.: Africa, S, E and SE Asia, Australia.
Aquatic.

HYDROLEACEAE

Hydrolea zeylanica (L.) Vahl
Nama zeylanica L.
Distr.: Tropical Africa, Pakistan, India, Nepal, Bangladesh, Sri Lanka, China,

Malaysia, Indonesia, Philippines, Australia.

HYPERICACEAE

Hypericum japonicum Thunb. ex Murray
Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, E, SE Asia, New Guinea, Australia, New Zealand.

HYPOXIDACEAE

Curculigo orchioides Gaertn. (Plate 60)
Nep.: *Musali*.
Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, Japan, Southeast Asia, Papua New Guinea.
Medicinal.

Hyopsis aurea Lour. (Plate 15)
Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, China, Japan, Myanmar, Southeast Asia, Papua New Guinea.

JUGLANDACEAE

Engelhardia spicata Leschen. ex Blume
Nep.: *Mauwa*.
Distr.: India, Nepal, Bhutan, China, Malaysia.

LAMIACEAE

Ajuga bracteosa Wall. ex Benth. (Plate 15, 61)
Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.
Medicinal.

Ajuga macrosperma Wall. ex Benth.
Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Laos, Vietnam.

Anisochilus carnosus (L. f.) Wall. ex Benth.

Lavandula carnosus L. f.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar.

Anisomeles indica (L.) Kuntze

Nepeta indica L.

Distr.: India, Nepal, Sri Lanka, China, Thailand, Cambodia, Laos, Vietnam, Malaysia, Philippines.

Callicarpa arborea Roxb.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia.

Callicarpa macrophylla Vahl

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Vietnam.

Clerodendrum indicum (L.) Kuntze

Siphonanthus indica L.

Distr.: India, Nepal, China, Myanmar, Thailand, Cambodia, Laos, Malaysia.

Clerodendrum viscosum Vent. (Plate 15)

Chaudhary: *Bhathi*.

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, Myanmar, Cambodia, Laos, Vietnam, Malaysia, Philippines, Australia.

Clinopodium umbrosum (M. Bieb.) C. Koch (Plate 61)

Melissa umbrossa M. Bieb.

Distr.: Iran, Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar.

Colebrookea oppositifolia Sm. (Plate 61)

Nep.: *Dhusure*. Raji: *Dhurseuli*.

Distr.: India, Nepal, Bhutan, China (Yunnan), Myanmar, Thailand.

Medicinal.

Colquhounia coccinea Wall.

Distr.: India, Nepal, Bhutan, China.

Craniotome furcata (Link) Kuntze

Ajuga furcata Link

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar, Laos, Vietnam.

Medicinal.

Elsholtzia stachyodes (Link) C. Y. Wu

Hypsotis stachyodes Link

Distr.: India, Nepal, China, Myanmar.

Holmskioldia sanguinea Retz. (Plate 61)

Distr.: India, Nepal, Bhutan.

This is a rare species in Kailali. This species has been collected at Baluwagada, 329 m.

Isodon coetsa (Buch.-Ham. ex D. Don)

Kudo (Plate 62)

Plectranthus coetsa Buch.-Ham. ex D.

Don

Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Thailand, Laos, Vietnam.

Isodon lophanthoides (Buch.-Ham. ex D. Don) H. Hara

Hyssopus lophanthoides Buch.-Ham. ex

D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Vietnam, Thailand.

Leonotis nepetifolia (L.) R. Br.

Phlomis nepetaefolia L.

Distr.: Throughout the tropics.

Leonurus japonicus Houtt.

Distr.: Africa, India, Nepal, China, Korea, Japan, Myanmar, Thailand, Cambodia, Laos, Vietnam and Malaysia, North America, South America.

Leucas cephalotes (Roth) Spreng. (Plate 62)

Phlomis cephalotes Roth

Nep.: *Dronpushpi*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China.

Medicinal.

Leucas lanata Wall. ex Benth. (Plate 62)

Distr.: Pakistan, India, Nepal, China.

Leucas lavandulifolia Sm.

Distr.: Africa, India, Nepal, Bhutan, China, Myanmar, Thailand, Malaysia, Indonesia, Philippines.

Mentha spicata L.

Distr.: Native to Europe, Africa and Southwest Asia.

Medicinal.

Micromeria biflora (Buch.-Ham. ex D. Don) Benth.

Thymus biflorus Buch.-Ham. ex D. Don

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.

Medicinal.

Nepeta hindostana (Roth) Haines

Glechoma hindostana Roth

Distr.: Afghanistan, Pakistan, India, Nepal.

Ocimum gratissimum L.

Distr.: Tropical Africa, India, Nepal, Sri

Lanka, Thailand, Malaysia, tropical America.

Origanum vulgare L.

Distr.: Europe to central Asia.

Medicinal.

Pogostemon benghalensis (Burm. f.)

Kuntze

Ocimum benghalensis Burm. f.

Distr.: India, Nepal, Bhutan.

Pogostemon stellatus (Lour.) Kuntze (Plate 15)

Mentha stellata Lour.

Distr.: India, Nepal, Bhutan, Bangladesh, China, SE Asia, Australia.

Premna barbata Wall. ex Schauer

Distr.: Pakistan, India, Nepal, Bhutan.

Premna bengalensis C. B. Clarke

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, Cambodia, Laos, Vietnam.

Prunella vulgaris L.

Distr.: Throughout Europe and temperate Asia.

Pseudocaryopteris bicolor (Roxb. ex Hardw.) P. D. Cantino

Volkameria bicolor Roxb. ex Hardw.

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China (Yunnan), Thailand.

Pseudocaryopteris foetida (D. Don) P.

D. Cantino

Clerodendrum foetidum D. Don

Distr.: Pakistan, India, Nepal.

Rothea serrata (L.) Steane & Mabb.

Volkameria serrata L.

Distr.: South Africa, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Cambodia, Laos, Vietnam, Thailand, Malaysia.

Salvia lanata Roxb.

Distr.: Pakistan, India, Nepal.

Salvia plebeia R. Br.

Nep.: *Ban Bawari*.

Distr.: Russia, Afghanistan, Pakistan, India, Nepal, Bhutan, China, Korea, Japan, Thailand, Vietnam, Malaysia, Indonesia, Australia.

Scutellaria discolor Wall. ex Benth.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia.
Medicinal.

Teucrium quadrifarium Buch.-Ham. ex D. Don (Plate 62)

Distr.: India, Nepal, Bhutan, China, Myanmar, Malaysia and Indonesia.

Thymus linearis Benth.

Distr.: Afghanistan, Pakistan, India, Nepal, China (Tibet).

Vitex negundo L. (Plate 84)

Nep.: *Simaali*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

LAURACEAE

Cinnamomum tamala (Buch.-Ham.) T. Nees & Nees

Laurus tamala Buch.-Ham.

Nep.: *Tejpaat*.

Distr.: India, Nepal and Bhutan, China (Yunnan).

Lindera nacusua (D. Don) Merr.

Laurus nacusua D. Don

Distr.: India, Nepal, Bhutan, China, Cambodia, Laos, Vietnam.

Machilus duthiei King ex Hook. f.

Distr.: India, Nepal, Bhutan.

Machilus odoratissimus Nees

Distr.: Pakistan, India, Nepal, Bhutan and Myanmar.

Phoebe attenuata (Nees) Nees

Ocotea attenuata Nees

Distr.: India, Nepal, Bhutan.

Phoebe lanceolata (Nees) Nees

Ocotea lanceolata Nees

Distr.: N. India, Nepal, Bhutan, Myanmar.

LECYTHIDACEAE

Careya arborea Roxb. (Plate 63)

Nep.: *Kumbhi*.

Distr.: Afghanistan, Pakistan, India, Nepal, Myanmar, Malaysia.

LENTIBULARIACEAE

Utricularia aurea Lour. (Plate 16)

Distr.: Tropical regions of Old World from India to Japan and Australia.

Utricularia striatula Sm.

Distr.: Old World tropics from west tropical Africa to New Guinea.

LINACEAE

Reinwardtia indica Dumort. (Plate 63)
Distr.: India, Nepal, Bhutan, China, Myanmar,
Thailand, Cambodia, Laos, Vietnam.

LINDERNIACEAE

Lindernia anagallis (Burm. f.) Pennell
Ruellia anagallis Burm. f.
Distr.: India, Nepal, Bhutan, China, Japan,
Myanmar, Thailand, Cambodia, Laos,
Vietnam, Malaysia, Philippines, Australia.

Lindernia antipoda (L.) Alston
Ruellia antipoda L.
Distr.: Tropical and temperate Asia,
Australia, Polynesia.

Lindernia ciliata (Colsm.) Pennell
Gratiola ciliata Colsm.
Distr.: India, Nepal, Bhutan, China, Japan,
Myanmar, Cambodia, Laos, Vietnam,
Malaysia, Philippines, Australia.

Lindernia crustacea (L) F. Muell.
Capraria crustacea L.
Distr.: Tropical Africa, Himalaya, India,
Sri Lanka, east to China, Korea and Japan,
Malaysia, Australia, Polynesia, America.

LORANTHACEAE

Dendrophthoe falcata (L. f.) Ettingsh.
Loranthus falcatus L. f.
Distr.: India, Nepal, Bhutan, Sri Lanka,
Thailand, Cambodia, Laos, Vietnam,
Australia.

Taxillus vestitus (Wall.) Danser
Loranthus vestitus Wall.

Distr.: Pakistan, India, Nepal, China
(Tibet).

LYTHRACEAE

Ammannia auriculata Willd. (Plate 63)
Distr.: Africa, Central Asia, India, Nepal,
China, Malaysia, Australia, North and
South America.

Ammannia baccifera L.
Distr.: Tropical Africa, South Europe,
Central Asia, India, Nepal, China, Japan,
Malaysia, Australia.

Ammannia multiflora Roxb.
Distr.: Africa, W. Asia, India, Nepal,
China, Japan, Malaysia, Australia.

Duabanga grandiflora (Roxb. ex DC.)
Walp.
Lagerstroemia grandiflora Roxb. ex
DC.
Distr.: India, Nepal, Bhutan, China,
Myanmar, Cambodia, Laos, Vietnam,
Malaysia.

Lagerstroemia parviflora Roxb. (Plate
63)
Distr.: India, Nepal, Myanmar.

Rotala indica (Willd.) Koehne
Peplis indica Willd.
Distr.: West Asia, India, Nepal, Bhutan,
China, Japan, Malaysia.

Rotala rotundifolia (Buch.-Ham. ex
Roxb.) Koehne
Ammannia rotundifolia Buch.-Ham. ex
Roxb.
Distr.: India, Nepal, Bhutan, China, Japan.

Woodfordia fruticosa (L.) Kurz (Plate 16)

Lythrum furticosum L.

Nep.: *Dhaiyaanro*.

Distr.: Africa, West Asia, India, Nepal, Bhutan, Sri Lanka, China, Myanmar.
Medicinal.

MALPIGHIACEAE

Aspidopterys wallichii Hook. f.

Distr.: N. W. India, Nepal.

Hiptage benghalensis (L.) Kurz (Plate 16, 64)

Banisteria benghalensis L.

Distr.: Pakistan, India, Nepal, Bangladesh, Sri Lanka, China, Myanmar, Cambodia, Laos, Vietnam.

This is a rare species in Kailali. This species has been collected at Kolmoda - Simti, 477 m.

MALVACEAE

Abutilon indicum (L.) Sweet (Plate 64)

Sida indica L.

Distr.: Pakistan, India, Nepal, Bangladesh, Sri Lanka, China, Japan, Myanmar, Thailand, Malaysia, Australia.

Bombax ceiba L.

Distr.: India, Nepal, Bhutan, China, Malaysia.
Medicinal.

Corchorus aestuans L. (Plate 64)

Nep.: *Patoi*.

Distr.: Pantropical.

Corchorus capsularis L. (Plate 64)

Distr.: Native to China.

Corchorus olitorius L (Plate 65)

Distr.: Probably native to India.

Firmiana colorata (Roxb.) R. Br.

Sterculia colorata Roxb.

Distr.: India, Nepal, Sri Lanka, China, Myanmar, Thailand.

Firmiana fulgens (Wall. ex Mast.) Corner

Sterculia fulgens Wall. ex Mast.

Distr.: India, Nepal, Myanmar, Indonesia (Java).

Grewia asiatica L.

Distr.: India, Nepal, Bangladesh, Sri Lanka.

Grewia disperma Rottb.

Distr.: Africa, India, Nepal, Malaysia.

Grewia helicterifolia Wall. ex G. Don

Distr.: Pakistan, India, Nepal, Bangladesh, Sri Lanka, Myanmar, Australia.

Grewia serrulata DC.

Distr.: Africa, Pakistan, India, Nepal, Bhutan, Myanmar, Cambodia, Laos, Vietnam, Malaysia, Australia.

Helicteres isora L.

Distr.: India, Nepal, Sri Lanka, China, Malaysia, Australia.

Malva neglecta Wallr.

Distr.: Europe, Afghanistan, Pakistan, India, Nepal, Bhutan, Myanmar, Australia.

Malva parviflora L.

Distr.: Mediterranean, Southwest Europe, subtropical and tropical Asia.

Sida acuta Burm. f.

Distr.: Pantropical.

Medicinal.

Sida cordata (Burm. f.) Borss. Waalk.
(Plate 65)

Melochia cordata Burm. f.

Distr.: Pantropical weed.

Sida cordifolia Wight & Arn. (Plate 65)

Distr.: Pantropical weed.

Sida orientalis Cav. (Plate 65)

Distr.: Pantropical weed.

Thespesia lampas (Cav.) Dalz. & A.
Gibson

Azanza lampas Cav.

Distr.: Africa, India, Nepal and Southeast Asia.

Triumfetta annua L.

Distr.: Africa, India, Nepal, Bhutan, Myanmar, Thailand, Malaysia.

Triumfetta pilosa Roth

Distr.: Africa, India, Nepal, Cambodia, Laos, Vietnam.

Triumfetta rhomboidea Jacq. (Plate 17, 66)

Nep.: *Kurepaat*. Raji: *Bishkapro*.

Distr.: Africa, India, Nepal, China, Malaysia.

Medicinal.

Urena lobata L.

Distr.: Tropical regions.

Medicinal.

MARTYNIACEAE

Martynia annua L. (Plate 66)

Distr.: Mexico.

Medicinal.

MELASTOMATACEAE

Melastoma malabathricum L.

Distr.: India, Nepal, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Australia.

Melastoma malabathricum L. var.
normale (D. Don) R. C. Srivast.

Melastoma normale D. Don

Distr.: India, Nepal, Bhutan, China, Thailand, Cambodia, Laos, Vietnam, Malaysia, Molluccas, New Caledonia.

Osbeckia stellata Ker Gawl. (Plate 17, 66)

Nep.: *Ashaare*.

Distr.: India, Nepal, Bhutan.

MELIACEAE

Cipadessa baccifera (Roth) Miq.

Melia baccifera Roth

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia.

Heynea trijuga Roxb. ex Sims (Plate 66)

Nep.: *Aankhaataruwa*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Malaysia.

Toona ciliata M. Roem.

Distr.: Afghanistan, Pakistan, India, Nepal, Sri Lanka, China, Malaysia, Australia.

MENISPERMACEAE

Cissampelos pareira L. var. **hirsuta**
(Buch.-Ham. ex DC.) Forman

Cissampelos hirsuta Buch.-Ham. ex DC.
Nep.: *Baatulipaata*. Raji: *Gaanogurjo*.
Distr.: Pantropical.
Medicinal.

Cocculus hirsutus (L.) Diels

Menispermum hirsutum L.
Distr.: Africa to India and Nepal.

MENYANTHACEAE

Nymphoides hydrophylla (Lour.) O.
Kuntze (Plate 17)

Menyanthes hydrophylla Lour.
Distr.: India, Nepal, China, Myanmar,
Laos, Vietnam.

Nymphoides indica (L.) O. Kuntze

Menyanthes indica L.
Distr.: India, Nepal, Sri Lanka, China,
Korea, Japan, Myanmar, Cambodia, Laos,
Vietnam, Malaysia, Indonesia, Australia
to Fiji.

MORACEAE

Ficus auriculata Lour.

Nep.: *Timilaa*.
Distr.: Pakistan, India, Nepal, Bhutan,
China, Myanmar, Vietnam, Thailand.

Ficus heterophylla L. f. (Plate 18, 67)

Distr.: India, Nepal, Sri Lanka, China,
Myanmar, SE Asia.

This is a rare species in Kailali. This
species has been collected at Dewaria
Botanical Garden, 173 m.

Ficus hispida L. f.

Nep.: *Khasreto*.
Distr.: India, Nepal, Bhutan, Sri Lanka,
China, Thailand, Cambodia, Laos,
Vietnam, Malaysia, Indonesia, Australia.

Ficus racemosa L.

Nep.: *Dumri*. Raji: *Umri*.
Distr.: Pakistan, India, Nepal, Bhutan,
Bangladesh, Sri Lanka, China (Yunnan),
Myanmar, Thailand, Malaysia, Indonesia,
Australia.
Medicinal.

Ficus rumphii Blume

Ficus cordifolia Roxb.
Distr.: Pakistan, India, Nepal, Bhutan,
Bangladesh, Myanmar, Thailand,
Cambodia, Laos, Vietnam, Malaysia,
Indonesia.

Ficus sarmentosa Buch.-Ham. ex Sm.

Distr.: India, Nepal, Bhutan, China,
Myanmar.

Ficus semicordata Buch.-Ham. ex Sm.

Nep.: *Khaniyo*. Raji: *Khurure*.
Distr.: Pakistan, India, Nepal, Bhutan,
China, Myanmar, Thailand, Vietnam,
Malaysia.
Medicinal.

Ficus subincisa Buh.-Ham. ex Sm.

Nep.: *Bedulo*.
Distr.: Pakistan, India, Nepal, Bhutan,
China (Yunnan), North Myanmar,
Thailand, Cambodia, Laos and Vietnam.

Streblus asper Lour.

Distr.: India, Nepal, Sri Lanka, China,
Cambodia, Laos, Vietnam, Malaysia,
Philippines.

MYRICACEAE

Myrica esculenta Buch.-Ham. ex D. Don
Nep.: *Kaaphal*.
Distr.: India, Nepal, Bhutan, China,
Myanmar, Malaysia.

MYRTACEAE

Syzygium cerasoides (Roxb.) Raizada
Eugenia cerasoides Roxb.
Nep.: *Kyamun*. Raji: *Bhadrajabu*.
Distr.: India, Nepal, Sri Lanka, China,
Myanmar, Malaysia, Australia.
Medicinal.

Syzygium cumini (L.) Skeels
Myrtus cumini L.
Nep.: *Jaamun*.
Distr.: India, Nepal, Bhutan, Sri Lanka,
Malaysia, Australia.

Syzygium formosum (Wall.) Masam.
Eugenia formosa Wall.
Distr.: India, Nepal, Myanmar.

Syzygium jambos (L.) Alston
Eugenia jambos L.
Nep.: *Gulaab Jaamun*.
Distr.: Asia and Australia.

NELUMBONACEAE

Nelumbo nucifera Gaertn. (Plate 18)
Nelumbium speciosum Willd.
Nep.: *Kamal*.
Distr.: Native to Lower Volga, South and
Southeast Asia to tropical Australia.
Food Medicine.

NYCTAGINACEAE

Boerhavia diffusa L. (Plate 67)
Nep.: *Punarnabhaa*.
Distr.: Tropical and subtropical regions
of the Old World.

Mirabilis jalapa L.
Distr.: Native to tropical America (Peru).

NYMPHAEACEAE

Nymphaea nouchali Burm. f.
Distr.: Afghanistan, Pakistan, India,
Nepal, Bangladesh, Sri Lanka, China,
Myanmar, Thailand, Vietnam, Indonesia,
Philippines, New Guinea, Australia.

OLEACEAE

Fraxinus floribunda Wall.
Nep.: *Laankuri*.
Distr.: Afghanistan, Pakistan, India,
Nepal, Bhutan, China, Japan, Myanmar,
Thailand, Laos, Vietnam.

Jasminum multiflorum (Burm. f.)
Andrews (Plate 67)
Nyctanthes multiflora Burm. f.
Distr.: Native to India and SE Asia.

Jasminum officinale L.
Distr.: Central Asia, Afghanistan,
Pakistan, India, Nepal, Bhutan and China.

Ligustrum confusum Decne.
Nep.: *Kanike Phool*.
Distr.: India, Nepal, Bhutan, Bangladesh,
China, Myanmar, Vietnam.

Ligustrum nepalense Wall.
Distr.: India, Nepal, Myanmar, Vietnam.

ONAGRACEAE

Epilobium hirsutum L.

Distr.: Africa, Europe, Asia Minor, India, Nepal, China, Japan.

Ludwigia adscendens (L.) H. Hara (Plate 16, 67)

Jussiaea adscendens L.

Distr.: India, Nepal, China, Malaysia and Australia.

Aquatic plant. This is a rare species in Kailali. This species has been collected at Ghodaghodi, 163 m.

Ludwigia octovalvis (Jacq.) P. H. Raven (Plate 68)

Oenothera octovalvis Jacq.

Distr.: Africa, India, Nepal, Bhutan, Japan, Malaysia, Australia, Polynesia, tropical America.

Ludwigia perennis L.

Distr.: Africa, Afghanistan, India, east to Japan, Malaysia, Australia, New Caledonia.

Ludwigia prostrata Roxb.

Distr.: India, Nepal, Bhutan, China, Myanmar, Malaysia.

Oenothera rosea L'Her. ex Aiton

Distr.: Native to America.

ORCHIDACEAE

Brachycorythis obcordata (Lindl.)

Summerh.

Platanthera obcordata Lindl.

Nep.: Gaamdol.

Distr.: India, Nepal, Bhutan.

Medicinal.

Calanthe tricarinata Lindl.

Distr.: India, Nepal, Bhutan, China, Japan.

Cephalanthera longifolia (L.) Fritsch

Serapias helleborine L. var. *longifolia* L.

Distr.: Through Europe, North Africa to the East Himalaya.

Medicinal.

Coelogyne fimbriata Lindl. (Plate 18)

Distr.: Nepal, N. E. India, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Thailand, Malaysia.

Coelogyne nitida (Wall. ex D. Don) Lindl.

Cymbidium nitidum Wall. ex D. Don

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar.

Coelogyne ovalis Lindl. (Plate 68)

Distr.: India, Nepal, Bhutan, China, Myanmar.

This is a rare species in Kailali. This species has been collected at Mohanyal, 1132 m.

Cryptochilus lutea Lindl.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Cymbidium aloifolium (L.) Sw. (Plate 18)

Epidendrum aloifolium L.

Distr.: India, Nepal, Bangladesh, Sri Lanka, China, Myanmar, Thailand,

Cambodia, Laos, Vietnam, Malaysia, Indonesia.

Cymbidium bicolor Lindl. subsp. **obtusum** Du Puy & Cribb

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam.

Dendrobium denudans D. Don

Distr.: India, Nepal, Bhutan.

Dendrobium eriiflorum Griff.

Distr.: India, Nepal, Bhutan, Myanmar.

Dendrobium heterocarpum Wall. ex Lindl. (Plate 19)

Distr.: Nepal, India (Sikkim), Bhutan, Sri Lanka, China, Myanmar, Laos, Vietnam, Thailand, Philippines, Indonesia.
New to west Nepal.

Epipactis helleborine (L.) Crantz

Serapias helleborine L.

Distr.: North Africa, Europe, Pakistan, India, Nepal, Bhutan, China.
Medicinal.

Epipactis royleana Lindl.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China (Tibet).

Epipactis veratrifolia Boiss. & Hohen.

Distr.: Africa, Central Asia, Afghanistan, Pakistan, India, Nepal, China.

Eria spicata (D. Don) Hand. Mazz.

Octomeria spicata D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand.

Eulophia dabia (D. Don) Hochr.

Bletia dabia D. Don

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, China, Myanmar.
Medicinal.

Eulophia herbacea Lindl.

Distr.: N. W. India, Nepal.

Gastrochilus calceolaris (Buch.-Ham. ex Sm.) D. Don

Aerides calceolaris Buch.-Ham. ex Sm.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Vietnam, Malaysia.

Geodorum densiflorum (Lam.) Schltr. (Plate 19)

Limodorum densiflorum Lam.

Distr.: S, E, SE Asia.

Goodyera procera (Ker-Gawl.) Hook.

Neottia procera Ker-Gawl.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, the Philippines.

Goodyera repens (L.) R. Br.

Satyrium repens L.

Distr.: Europe, India, Nepal, Bhutan, China, Japan, Myanmar, Southeast Asia, North America.

Habenaria arietina Hook. f.

Distr.: India, Nepal, Bhutan, Bangladesh, China.

Habenaria commelinifolia (Roxb.) Wall. ex Lindl.

Orchis commelinifolia Roxb.

Distr.: India, Nepal.

Habenaria intermedia D. Don

Distr.: India, Nepal, China (Tibet).

Luisia zeylanica Lindl.

Distr.: India, Nepal, Bhutan, Sri Lanka.
Medicinal.

Malaxis acuminata D. Don

Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia, Philippines.

Nervilia aragoana Gaudich. (Plate 20)

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Laos, Vietnam, SE Asia, Australia, New Guinea.
Medicinal. New to west Nepal.

Oberonia ensiformis (Sm.) Lindl. (Plate 19)

Malaxis ensiformis Sm.
Distr.: India, Nepal, China, Myanmar, Laos, Vietnam, Thailand.

Oberonia falconeri Hook. f.

Distr.: India, Nepal, China, Thailand, Laos, Vietnam, Malaysia.

Oberonia pachyrachis Rchb. f. ex Hook. f.

Oberonia orbicularis Hook. f.
Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand.

Otochilus lancilabius Seidenf.

Distr.: India, Nepal, Bhutan.

Pecteilis triflora (D. Don) Tang & Wang

Habenaria triflora D. Don
Distr.: India (Kumaun), Nepal.

Pelatantheria insectifera (Rchb. f.) Ridl. (Plate 68)

Sarcanthus insectifer Rchb. f.
Distr.: India, Nepal, Myanmar, Thailand, Malaysia.

Peristylus constrictus (Lindl.) Lindl.

Herminium constrictum Lindl.
Distr.: India, Nepal, China (Yunnan), Myanmar, Thailand, Cambodia, Vietnam.

Peristylus densus (Lindl.) Santapau & Kalipada

Coeloglossum densum Lindl.
Distr.: India, Nepal, Bangladesh, China, Japan, Korea, Myanmar, Cambodia, Vietnam, Thailand.

Peristylus goodyeroides (D. Don) Lindl.

Habenaria goodyeroides D. Don
Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Southeast Asia, New Guinea.

Phalaenopsis taenialis (Lindl.) E. A. Christenson & Pradhan

Aerides taeniale Lindl.
Distr.: India, Nepal, Bhutan, China.

Pholidota articulata Lindl.

Distr.: India, Nepal, Bhutan, Bangladesh, Myanmar, Thailand, Cambodia, Vietnam to Indonesia.

Platanthera edgeworthii (Hook. f. ex Collett) R. K. Gupta

Habenaria edgeworthii Hook. f. ex Collett
Distr.: Pakistan, India, Nepal (Central, West) and Bhutan.

Rhynchostylis retusa (L.) Bl. (Plate 20)

Epidendrum retusum L.
Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Malaysia, Philippines.
Medicinal.

Satyrium nepalense D. Don (Plate 20, 68)

Distr.: India, Nepal, Bhutan, Sri Lanka,

Myanmar.
Medicinal.

Smitinandia micrantha (Lindl.) Holttum
Saccolabium micranthum Lindl.
Distr.: S, E, SE Asia.

Spiranthes sinensis (Pers.) Ames
Neottia sinensis Pers.
Distr.: Russia, Afghanistan, Pakistan,
India, Nepal, Bhutan, China, Japan,
Myanmar, Malaysia, Australia.
Medicinal.

Vanda cristata Lindl.
Distr.: India, Nepal, Bhutan.

Vanda tessellata (Roxb.) Loddiges (Plate
21)
Epidendrum tessellatum Roxb.
Distr.: India, Nepal, Sri Lanka, Myanmar.
New to west Nepal.

Vandopsis undulata (Lindl.) J. J. Sm.
Vanda undulata Lindl.
Distr.: India, Nepal, Bhutan.

Zeuxine strateumatica (L.) Schltr. (Plate
21)
Orchis strateumatica L.
Distr.: Afghanistan, Pakistan, India,
Nepal, Bangladesh, China, Myanmar,
Cambodia, Laos, Vietnam, Malaysia, New
Guinea.

OROBANCHACEAE

Aeginetia indica L. (Plate 21, 69)
Distr.: India, Nepal, Bhutan, Sri Lanka,
China, Japan, Southeast Asia.

Orobanche aegyptiaca Pers.
Distr.: Mediterranean region, Africa,

Arabia to Afghanistan, Pakistan, India,
Nepal, China (Xinjiang).

Pedicularis bifida (Buch.-Ham. ex D.
Don) Pennell
Rhinanthus bifidus Buch.-Ham. ex D. Don
Distr.: India, Nepal, Bhutan.

Sopubia trifida Buch.-Ham. ex D. Don
Distr.: Africa, Pakistan, India, Nepal,
Bhutan, China, Laos, Vietnam, Malaysia,
Indonesia, Philippines.

OXALIDACEAE

Biophytum reinwardtii (Zucc.) Klotzsch
Oxalis reinwardtii Zucc.
Distr.: India, Nepal, Sri Lanka, China,
Malaysia.

Biophytum sensitivum (L.) DC.
Oxalis sensitiva L.
Distr.: Tropical Africa, India, Nepal, Sri
Lanka, China, Thailand, Malaysia.

Oxalis corniculata L.
Nep.: *Chariamilo*. Raji: *Khapsurung*.
Distr.: Almost cosmopolitan.
Medicinal.

PAPAVERACEAE

Argemone mexicana L. (Plate 21)
Distr.: Native to tropical America.

Fumaria indica (Hausskn.) Pugsley
Fumaria vaillantii Loisel. var. *indica*
Hausskn.
Distr.: West Asia, India, Nepal.

Fumaria vaillantii Loisel.
Distr.: North Africa, Europe, West Asia,
India, Nepal.

PENTAPHYLACACEAE

Eurya acuminata DC.

Nep.: *Jhingaane*.

Distr.: India, Nepal, Sri Lanka, Malaysia.

PHRYMACEAE

Mazus pumilus (Burm. f.) van Steenis

Lobelia pumila Burm. f.

Distr.: Russia, India, Nepal, Bhutan, China, Korea, Japan, Thailand, Vietnam, Indonesia, Philippines.

Medicinal.

Mazus pumilus (Burm. f.) van Steenis var. **delavayi** (Bonati) T. L. Chin ex D. Y. Hong (Plate 69)

Mazus delavayi Bonati

Distr.: India, Nepal, Bhutan, China, Japan, Myanmar.

Mimulus tenellus var. **nepalensis**

(Benth.) Tsoong ex Yang (Plate 69)

Mimulus nepalensis Benth.

Distr.: Nepal, N. E. India, Bhutan, China, Japan, Vietnam.

PINACEAE

Pinus roxburghii Sarg. (Plate 22)

Nep.: *Khote Sallo*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan.

Timber. This species is much used for resin extraction. It is now threatened species in Kailali.

PIPERACEAE

Peperomia pellucida (L.) Kunth (Plate 70)

Piper pellucidum L.

Distr.: Native to tropical America.

Peperomia tetraphylla (G. Forst.) Hook. & Arn. (Plate 70)

Piper tetraphyllum G. Forst.

Distr.: Africa, India, Nepal, Bhutan, Sri Lanka, China, Cambodia, Laos, Vietnam, Malaysia, America.

Piper peepuloides Roxb.

Nep.: *Pipalaa*, Chaudhary: *Pipari*. Raji: *Pimpali*.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Medicinal.

PLANTAGINACEAE

Bacopa monnieri (L.) Pennell

Lysimachia monnieri L.

Distr.: India, Nepal, Bhutan, Sri Lanka, China.

Hemiphragma heterophyllum Wall.

Distr.: India, Nepal, Bhutan, China, Indonesia, Philippines.

Kickxia incana (Wall.) Pennell

Linaria incana Wall.

Distr.: Afghanistan, Pakistan, India, Nepal, China (Xizang).

Kickxia ramosissima (Wall.) Janch.

Linaria ramosissima Wall.

Distr.: Afghanistan, Pakistan, India, Bhutan.

Limnophila indica (L.) Druce

Hottonia indica L.

Distr.: Africa, West Asia, Pakistan, India, Nepal, Sri Lanka, China, Japan, Thailand, Cambodia, Laos, Vietnam, Malaysia, North Australia.

Lindenbergia grandiflora (Buch.-Ham. ex D. Don) Benth. (Plate 70)

Stemodia grandiflora Buch.-Ham. ex D. Don

Don

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar.

Lindenbergia muraria (Roxb. ex D. Don) Bruehl (Plate 70)

Stemodia muraria Roxb. ex D. Don

Distr.: Afghanistan, Pakistan, India, Nepal, China, Myanmar and Thailand.

Plantago erosa Wall.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar.

Plantago lanceolata L.

Distr.: Europe and Asia.

Scoparia dulcis L. (Plate 71)

Chaudhary: *Mithaa Jhar*.

Distr.: Native to America.

Medicinal.

Veronica undulata Wall. ex Jack

Distr.: Afghanistan, Pakistan, India, Nepal, China, Korea, Japan, Thailand, Laos, Vietnam.

POACEAE

Alopecurus aequalis Sobol.

Distr.: Temperate Europe, Southwest and Central Asia, India, Nepal, Bhutan, China, Mongolia, Korea, Japan, North America.

Apluda mutica L. (Plate 71)

Distr.: Southwest Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Southeast Asia, New Caledonia, Australia.

Apocypis paleaceus (Trin.) Hochr.

Ischaemum paleaceum Trin.

Distr.: India, Nepal, Bhutan, China, Myanmar, Laos, Vietnam, Malaysia.

Arthraxon hispidus (Thunb.) Makino
Phalaris hispida Thunb.

Distr.: Central and east Africa, Madagascar, Mauritius, South, Southeast, East Asia, Central and east Australia.

Arthraxon lancifolius (Trin.) Hochst.

Andropogon lancifolius Trin.

Distr.: Tropical Africa, Southwest Asia, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Vietnam, Malaysia, Philippines, Indonesia.

Arundinella bengalensis (Spreng.)

Druce

Panicum bengalensis Spreng.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Arundinella nepalensis Trin.

Nep.: *Raani Khar*.

Distr.: Africa, Pakistan, India, Nepal, Bhutan, China, Myanmar, Thailand, Vietnam, Australia.

Axonopus compressus (Sw.) P. Beauv.

Milium compressum Sw.

Distr.: Native to Tropical America (S. United States, Mexico to Brazil).

Bothriochloa bladhii (Retz.) S. T. Blake

Andropogon bladhii Retz.

Distr.: India, Nepal, Bhutan, Australia.

Bothriochloa ischaemum (L.) Keng
(Plate 71)

Andropogon ischaemum L.

Distr.: Europe, North Africa, India, Nepal, Bhutan, China.

Bothriochloa pertusa (L.) A. Camus

Holcus pertusus L.

Distr.: Tropical Africa, Arabia eastwards to Southeast Asia.

Cenchrus flaccidus (Griseb.) Morrone
Pennisetum flaccidum Griseb.

Distr.: Southwest Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, China (Tibet).

Chrysopogon aciculatus (Retz.) Trin.
Andropogon aciculatus Retz.

Nep.: *Kurro Ghaans*.
Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, Southeast Asia, Polynesia, Australia.

Chrysopogon gryllus (L.) Trin.
Andropogon gryllus L.

Distr.: S. Europe, N. Africa, India, Nepal, Bhutan.

Coix lachryma jobi L.
Nep.: *Bhirkaulo*.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Malaysia, Philippines, Indonesia, New Guinea.

Cymbopogon iwarancusa (Jones) Schult.

Andropogon iwarancusa Jones
Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka.

Cymbopogon microtheca (Hook. f.) A. Camus

Andropogon microtheca Hook. f.
Distr.: India and Nepal.

Cymbopogon pendulus (Nees ex Steud.) W. Watson

Andropogon pendulus Nees ex Steud.

Nep.: *Pirhe Khar*.

Distr.: India, Nepal, Bhutan, China.

Cymbopogon pospischilii (K. Schum.) C. E. Hubb.

Andropogon pospischilii K. Schum.
Nep.: *Soti Ghaans*.

Distr.: Africa, Southwest Asia, Pakistan, India, Nepal, China (Tibet).

Cyrtococcum accrescens (Trin.) Stapf (Plate 71)

Panicum accrescens Trin.
Distr.: Tropics, India, Nepal, SE Asia, China, S. Japan, Malaysia.

Cynodon dactylon (L.) Pers.
Panicum dactylon L.

Nep.: *Dubo*.
Distr.: Widely distributed in all warm countries.

Dactyloctenium aegyptium (L.) Willd.
Cynosurus aegyptius L.

Distr.: Tropical regions of Old World.

Desmostachya bipinnata (L.) Stapf (Plate 22)

Briza bipinnata L.
Nep.: *Kush*.
Distr.: North and tropical Africa, Southwest Asia, Pakistan, India, Nepal, China, Myanmar, Thailand, Cambodia, Vietnam, Australia (Cocos Islands).

Dichanthium annulatum (Forssk.) Stapf
Andropogon annulatus Forssk.

Distr.: Tropical and north Africa, India, Nepal, Bhutan, China, Myanmar, Philippines, Indonesia and Pacific Islands; introduced in America and Australia.

Dichanthium glabrum (Roxb.) Jain & Deshpande

Andropogon glaber Roxb.

Distr.: India, Nepal, Bhutan, Australia.

Dichanthium pertusum (L.) W. D. Clayton

Holcus pertusus L.

Distr.: Tropical Africa, Arabia eastwards to Southeast Asia; introduced in Australia, Unites States.

Digitaria abludens (Roem. & Schult.) Veldkamp

Panicum abludens Roem. & Schult.

Distr.: Pakistan, India, Nepal, China, Myanmar, Thailand, Malaysia, Philippines, Indonesia.

Digitaria ciliaris (Retz.) Koeler (Plate 72)

Panicum ciliare Retz.

Distr.: Tropical regions of Old World.

Digitaria cruciata (Nees ex Steud.) A. Camus

Panicum cruciatum Nees ex Steud.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Digitaria longiflora (Retz.) Pers.

Paspalum longiflorum Retz.

Distr.: Widely distributed in the tropical regions of the Old World.

Digitaria radicata (J. Presl) Miq.

Panicum radicosum J. Presl

Distr.: Pakistan, India, Nepal, Bhutan, China, Southeast Asia, Polynesia.

Digitaria setigera Roth ex Roem. & Schult.

Nep.: *Banso*.

Distr.: East Africa, Madagascar, India, Nepal, Bhutan, China, Japan, Myanmar, Thailand, Vietnam, Malaysia, Indonesia, Australia, Pacific Islands.

Digitaria stricta Roth ex Roem. & Schult.

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar.

Digitaria violascens Link

Distr.: Tropical regions of both hemispheres.

Drepanostachyum falcatum (Nees)

Keng f.

Arundinaria falcata Nees

Distr.: India, Nepal.

Echinochloa colona (L.) Link (Plate 72)

Panicum colonum L.

Distr.: Widely spread in the tropics of Asia and Africa.

Echinochloa crusgalli (L.) P. Beauv. (Plate 72)

Panicum crusgalli L.

Distr.: Warm temperate and subtropical regions of the world.

Eleusine indica (L.) Gaertn. (Plate 72)

Cynosurus indicus L.

Nep.: *Kode Ghaans*.

Distr.: Tropical and subtropical regions.

Eragrostiella nardoides (Trin.) Bor

Eragrostis nardoides Trin.

Distr.: India, Nepal, Bhutan.

Eragrostis amabilis (L.) Wight & Arn.

ex Nees

Poa amabilis L.

Distr.: Tropical regions of Old World

Eragrostis atrovirens (Desf.) Trin. ex Steud.

Poa atrovirens Desf.

Distr.: Africa, India, Nepal, Bhutan, China, Thailand, Malaysia.

Eragrostis japonica (Thunb.) Trin.

Poa japonica Thunb.

Distr.: Tropical Asia, India, Nepal, Bhutan, China, Japan, Myanmar, Thailand, Vietnam, Malaysia, Philippines and Indonesia, New Guinea.

Eragrostis minor Host

Distr.: Mediterranean region, tropical Africa, North Asia, Pakistan, India, Nepal, Bhutan, China.

Eragrostis nigra Nees ex Steud.

Nep.: *Phurke Khar*.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, SE Asia.

Eragrostis pilosa (L.) P. Beauv.

Poa pilosa L.

Distr.: Tropical and warm regions of the Old World.

Eragrostis tremula (Lam.) Hochst. ex Steud.

Poa tremula Lam.

Distr.: Tropical Africa, Afghanistan, Pakistan, India, Nepal, Bhutan, Myanmar.

Eragrostis uniolooides (Retz.) Nees ex Steud. (Plate 73)

Poa uniolooides Retz.

Distr.: Africa, India, Nepal, Bhutan, Southeast Asia.

Eragrostis viscosa (Retz.) Trin.

Poa viscosa Retz.

Eragrostis tenella (L.) P. Beauv. ex Roem. & Schult. var. *viscosa* (Retz.) Stapf
Distr.: Africa, Pakistan, India, Nepal, Bhutan, Thailand, Philippines.

Eulalia fastigiata (Nees ex Steud.) Stapf ex Bor

Erianthus fastigiatus (Nees ex Steud.) Anderss.

Distr.: India, Nepal, Bhutan.

Eulalia leschenaultiana (Decne.) Ohwi

Andropogon leschenaultianus Decne.

Distr.: India, Nepal, Bhutan, China, Thailand, Vietnam, Malaysia, Philippines, Indonesia, Micronesia, Australia.

Eulalia mollis (Griseb.) Kuntze

Erianthus mollis Griseb.

Distr.: India, Nepal, Bhutan, China (Tibet).

Eulaliopsis binata (Retz.) C. E. Hubb.

Andropogon binatus Retz.

Nep.: *Baabiyo*.

Distr.: India, Nepal, China, Myanmar, Thailand, Philippines.

Hemarthria compressa (L. f.) R. Br.

Rottboellia compressa L. f.

Distr.: Southwest Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Japan, Myanmar, Thailand, Laos, Vietnam, Malaysia.

Heteropogon contortus (L.) P. Beauv. ex Roem. & Schult.

Andropogon contortus L.

Distr.: Widely distributed in the tropical and subtropical regions.

Hygroryza aristata (Retz.) Nees

Pharus aristatus Retz.

Distr.: Pakistan, India, Nepal, Bangladesh, Sri Lanka, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia. Aquatic.

Imperata cylindrica (L.) Raeusch. (Plate 73)

Lagurus cylindricus L.

Nep.: *Siru*.

Distr.: Mediterranean region, C, N Asia, India, Nepal, China and Australia.

Isachne albens Trin.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Vietnam, Malaysia, Indonesia.

Isachne globosa (Thunb.) Kuntze

Milium globosum Thunb.

Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Korea, Japan, Southeast Asia, New Guinea, Australia.

Ischaemum rugosum Salisb. (Plate 73)

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Malaysia, Philippines, Indonesia and Australia. .

Microstegium ciliatum (Trin.) A. Camus

Pollinia ciliata Trin.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Vietnam, Malaysia.

Mnesithea granularis (L.) de Koenig & Sosef

Cenchrus granularis L.

Distr.: Tropical regions.

Neyraudia reynaudiana (Kunth) Keng & A. S. Hitchc. (Plate 73)

Arundo reynaudiana Kunth

Distr.: India, Nepal, Bhutan, China, Japan, Myanmar, Cambodia, Laos, Vietnam, SE Asia.

Oplismenus burmanii (Retz.) P. Beauv. (Plate 74)

Panicum burmanii Retz.

Distr.: Tropical regions.

Oplismenus compositus (L.) P. Beauv.

Panicum compositum L.

Distr.: Tropical regions.

Oryza nivara Sharma & Shastri

Distr.: India, Nepal, Bangladesh, Sri Lanka, Myanmar, Thailand, Cambodia, Laos.

Oryza officinalis Wall. ex Watt

Distr.: India, Nepal, Bangladesh, China, Myanmar, Thailand, Cambodia, SE Asia, Papua New Guinea.

Oryza rufipogon Griff. (Plate 74)

Nep.: *Jharuwa*.

Distr.: India, Nepal, Bangladesh, Sri Lanka, China, Myanmar, Thailand, southeast Asia, Australia, Papua New Guinea.

Panicum dichotomiflorum Michx. (Plate 74)

Distr.: Tropics of Asia, southeastwards to Australia.

Panicum humile Nees ex Steud.

Distr.: North and tropical Africa, India, Nepal, Bhutan, Sri Lanka, China, SE Asia.

Panicum notatum Retz.

Distr.: India, Nepal, Bhutan, China, Myanmar, SE Asia.

Panicum repens L.

Distr.: Tropical and subtropical areas of Old and New Worlds.

Panicum sumatrense Roth ex Roem. & Schult.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Malaysia, Philippines.

Paspalidium flavidum (Retz.) A. Camus (Plate 74)

Panicum flavidum Retz.

Nep.: *Karauthe Jhaar*.

Distr.: Tropical Asia, Pakistan, India, Nepal, Bhutan.

Paspalum distichum L.

Distr.: Tropical and subtropical regions.

Paspalum scrobiculatum L. (Plate 75)

Nep.: *Banso*.

Distr.: Pakistan, India, Nepal, Bhutan, China and SE Asia to Australia.

Perotis hordeiformis Nees ex Hook. & Arn.

Distr.: Nepal, India, Sri Lanka, Myanmar, Thailand, China, Taiwan, Malaysia.

Phalaris minor Retz.

Distr.: South Europe, North Africa, Pakistan, India, Nepal and Bhutan.

Poa annua L.

Distr.: Cosmopolitan.

Pogonatherum paniceum (Lam.) Hack. (Plate 75)

Saccharum paniceum Lam.

Distr.: Southwest Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, SE Asia, Australia.

Polypogon fugax Nees ex Steud.

Distr.: SW, C Asia, Russia, Pakistan, India, Nepal, Bhutan, E Asia, Myanmar.

Polypogon monspeliensis (L.) Desf.

Alopecurus monspeliensis L.

Distr.: Europe, temperate Africa, Central Asia, Pakistan, India, Nepal, Sri Lanka, China.

Saccharum bengalense Retz.

Distr.: India, Nepal.

Saccharum spontaneum L.

Nep.: *Kaansh*.

Distr.: Warmer regions of Old World.

Sacciolepis indica (L.) Chase (Plate 75)

Aira indica L.

Distr.: Africa, India, Nepal, Bhutan, China, Japan, Myanmar, Thailand, Vietnam, Australia, Pacific Islands.

Setaria intermedia Roth ex Roem. & Schult.

Distr.: East Africa, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Malaysia, Polynesia.

Setaria palmifolia (J. Koenig) Stapf

Panicum palmifolium J. Koenig

Nep.: *Dhoti-sara*.

Distr.: Tropical regions of Africa and Asia.

Setaria parviflora (Poir.) Kerguelen

Cenchrus parviflorus Poir.

Nep.: *Banso*.

Distr.: Tropical and warm temperate regions of Old World.

Setaria verticillata (L.) P. Beauv.

Panicum verticillatum L.

Distr.: Tropical and temperate regions of Old World.

Sporobolus diandrus (Retz.) P. Beauv.
(Plate 75)

Agrostis diandra Retz.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Malaysia, Philippines, Australia.

Sporobolus fertilis (Steud.) Clayton

Agrostis fertilis Steud.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Thailand, Vietnam, Malaysia, Philippines, Indonesia.

Themeda anathera (Nees ex Steud.) Hack.

Anthistiria anathera Nees ex Steud.

Distr.: Afghanistan, Pakistan, India, Nepal, China (Tibet).

Themeda arundinacea (Roxb.) A.

Camus

Anthistiria arundinacea Roxb.

Distr.: India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Laos, Vietnam, Malaysia, Philippines, Indonesia.

Thysanolaena latifolia (Roxb. ex Hornem.) Honda

Melica latifolia Roxb. ex Hornem.

Nep.: *Amrisau*.

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, China, Myanmar, Southeast Asia.

Tripogon filiformis Nees ex Steud.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar.

Urochloa panicoides P. Beauv.

Distr.: Africa, India, Nepal, Bhutan, China.

Urochloa ramosa (L.) T. Q. Nguyen
(Plate 76)

Panicum ramosum L.

Distr.: Africa, Pakistan, India, Nepal, Bhutan, China, Thailand, Cambodia, Vietnam, Malaysia.

Urochloa villosa (Lam.) T. Q. Nguyen

Panicum villosum Lam.

Distr.: India, Nepal, China, Japan, Myanmar, Thailand, Vietnam, Philippines, Indonesia.

POLYGALACEAE

Polygala abyssinica R. Br. ex Fresen.

Distr.: Africa, Afghanistan, Pakistan, India, Nepal.

Polygala crotalarioides Buch.-Ham. ex DC. (Plate 76)

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Polygala persicariifolia DC.

Distr.: Africa, India, Nepal, Bhutan, Myanmar, Thailand, Malaysia.

POLYGONACEAE

Aconogonon molle (D. Don) H. Hara

Polygonum molle D. Don

Nep.: *Thotne*.

Distr.: India, Nepal, Bhutan, China.

Medicinal.

Persicaria barbata (L.) H. Hara (Plate 76)

Polygonum barbatum L.

Distr.: Tropical Africa, West Asia, India, Nepal, Bhutan, China, Japan, Malaysia, Australia.

Persicaria capitata (Buch.-Ham. ex D. Don) H. Gross

Polygonum capitatum Buch.-Ham. ex D. Don

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Thailand, Malaysia, Vietnam.

Persicaria chinensis (L.) H. Gross

Polygonum chinense L.

Distr.: India, Nepal, Bhutan, China, Japan, Malaysia.

Persicaria glabra (Willd.) M. Gomez

Polygonum glabrum Willd.

Distr.: Africa, Afghanistan, India, Nepal, China, Japan, Malaysia.

Persicaria hydropiper (L.) Spach

Polygonum hydropiper L.

Distr.: North Africa, Europe, India, Nepal, Bhutan, China, Japan, Malaysia and North America.

Persicaria lapathifolia (L.) S. F. Gray var. **lanata** (Roxb.) H. Hara (Plate 76)

Polygonum lanatum Roxb.

Distr.: India, Nepal, Bhutan, Myanmar, Malaya.

Persicaria limbata (Meisn.) H. Hara (Plate 22, 77)

Polygonum limbatum Meisn.

Distr.: Tropical Africa, India, Nepal.

This is a rare species in Kailali. This species has been collected at Dewaria Botanical Garden, 179 m.

Persicaria microcephala (D. Don) H. Gross

Polygonum microcephalum D. Don

Distr.: India, Nepal, Bhutan, China.

Persicaria nepalensis (Meisn.) H. Gross

Polygonum nepalense Meisn.

Distr.: Tropical Africa, Afghanistan, Pakistan, India, Nepal, Bhutan, E, SE Asia, New Guinea.

Persicaria perfoliata (L.) H. Gross

Polygonum perfoliatum L.

Distr.: India, Nepal, China, Korea, Japan, Malaysia.

Persicaria posumbu (Buch.-Ham. ex D. Don) H. Gross

Polygonum posumbu Buch.-Ham. ex D. Don

Distr.: India, Nepal, Bhutan, E, SE Asia, New Guinea.

Persicaria praetermissa (Hook. f.) H. Hara

Polygonum praetermissum Hook. f.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Japan, Myanmar, Cambodia, Laos, Vietnam, Philippines, Tasmania.

Persicaria runcinata (Buch.-Ham. ex D. Don) H. Gross

Polygonum runcinatum Buch.-Ham. ex D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Malaysia, Indonesia, Philippines.

Persicaria tenella (Blume) H. Hara var. **kawagoeana** (Makino) H. Hara

Polygonum kawagoeanum Makino

Distr.: India, Nepal, China, Japan, Malaya.

Persicaria viscosa (Buch.-Ham. ex D. Don) H. Gross ex T. Mori

Polygonum viscosum Buch.-Ham. ex D. Don

Distr.: India, Nepal, China, Korea, Japan.

Polygonum plebeium R. Br. (Plate 77)

Distr.: Africa, West & South Asia, China, Japan, Malaysia, Australia.

Rumex hastatus D. Don

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China.

Rumex nepalensis Spreng.

Distr.: Southwest Europe, West Asia, Pakistan, India, Nepal, Bhutan, China, Japan, Indonesia.

Medicinal.

PONTEDERIACEAE

Eichhornia crassipes (Mart.) Solms (Plate 23)

Pontederia crassipes Mart.

Nep.: *Jalkhumbhi*.

Distr.: Native of Brazil; naturalised in Nepal.

Monochoria hastata (L.) Solms

Pontederia hastata L.

Distr.: Tropical and subtropical Asia.

Monochoria vaginalis (Burm. f.) C. Presl ex Kunth

Pontederia vaginalis Burm. f.

Distr.: Tropical and subtropical Asia, Australia.

PORTULACACEAE

Portulaca oleracea L.

Distr.: Pantropical.

POTAMOGETONACEAE

Potamogeton crispus L.

Distr.: Europe, Africa, Asia, Australia.

PRIMULACEAE

Anagallis arvensis L. (Plate 23)

Distr.: Europe, West Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Japan, America.

Ardisia solanacea Roxb. (Plate 23, 77)

Distr.: India, Nepal, Sri Lanka, China, Singapore.

Lysimachia alternifolia Wall. (Plate 77)

Distr.: India, Nepal, Bhutan, Myanmar.

Maesa chisia Buch.-Ham. ex D. Don (Plate 77)

Distr.: India, Nepal, Bhutan, China, Myanmar.

Maesa macrophylla (Wall.) A. DC.

Baeobotrys macrophylla Wall.

Distr.: India, Nepal, Bhutan.

Myrsine africana L.

Distr.: Africa, Azores, Arabia, Afghanistan, India, Nepal, China.

Myrsine semiserrata Wall. in Roxb.

Distr.: Pakistan, India, Nepal, China, Myanmar.

Rapanea capitellata (Wall.) Mez

Myrsine capitellata Wall.

Distr.: South and Southeast Asia.

RANUNCULACEAE

Anemone vitifolia Buch.-Ham. ex DC.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Clematis acuminata DC. (Plate 78)

Distr.: India, Nepal, Bhutan, Myanmar.
This is a rare species in Kailali. This species has been collected at Nigali 8, 680 m.

Clematis smilacifolia Wall.

Distr.: India, Nepal, Bhutan, Bangladesh, Sri Lanka, China, Myanmar, SE Asia, New Guinea.

Ranunculus diffusus DC.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar.

Ranunculus scleratus L.

Distr.: Europe, Central Asia, Afghanistan, Pakistan, India, Nepal, Bhutan, E Asia, Thailand, North America.

Thalictrum foliolosum DC.

Distr.: India, Nepal, Bhutan, China (Tibet), Myanmar, Thailand.

RHAMNACEAE

Rhamnus nepalensis (Wall.) M. A. Lawson

Ceanothus nepalensis Wall.

Distr.: India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

Sageretia filiformis (Roth ex Schult.) G. Don

Rhamnus filiformis Roth ex Schult.

Distr.: India, Nepal, Sri Lanka, China, Malaysia.

Ziziphus incurva Roxb.

Nep.: *Haade Bayar*.

Distr.: India, Nepal, Bhutan, China, Myanmar.

Ziziphus mauritiana Lam. (Plate 78)

Nep.: *Bayar*. Raji: *Kla*.

Distr.: Tropical Asia and Australia.
Medicinal.

ROSACEAE

Agrimonia pilosa Ledeb. var. **japonica**

(Miq.) Nakai f. **nepalensis** (D. Don) Murata (Plate 78)

Agrimonia nepalensis D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Laos, Vietnam.

Eriobotrya dubia (Lindl.) Decne.

Photinia dubia Lindl.

Nep.: *Jure Kaaphal*.

Distr.: India, Nepal, Bhutan.

Photinia integrifolia Lindl.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Laos, Vietnam.

Potentilla indica (Andrews) Wolf

Fragaria indica Andrews

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Korea, Japan, Malaysia, Indonesia.

Potentilla lineata Trev.

Distr.: India, Nepal, China, Myanmar, Laos, Vietnam.

Prinsepia utilis Royle

Nep.: *Dhatelo*.

Distr.: Pakistan, India, Nepal, Bhutan, China.

Prunus cerasoides D. Don

Nep.: *Paiyun*.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Laos, Vietnam.

Pyracantha crenulata (D. Don) M. Roem.

Mespilus crenulata D. Don

Distr.: India, Nepal, Bhutan, China, Myanmar.

Pyrus pashia Buch.-Ham. ex D. Don

Nep.: *Mayal*.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar, Thailand, Laos, Vietnam.

Rosa brunonii Lindl.

Nep.: *Bhainsi Kaandaa*.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar.

Rubus ellipticus Sm.

Nep.: *Ainselu*.

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Thailand, Laos, Vietnam, Philippines.

RUBIACEAE

Argostemma sarmentosum Wall.

Distr.: India, Nepal, Bhutan, Myanmar.

Borreria pusilla (Wall.) DC.

Spermacoce pusilla Wall.

Distr.: Africa, India, Nepal, Bhutan, Sri Lanka.

Catunaregam longispina (Link)

Tirveng. (Plate 78)

Posoqueria longispina Link

Distr.: India, Nepal, Bhutan, Bangladesh, Myanmar, Thailand.

Galium aparine L.

Distr.: Europe, Africa, West Asia and North America.

Galium elegans Wall. ex Roxb.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand.

Galium hirtiflorum Req. ex DC. (Plate 79)

Distr.: India, Nepal.

Haldina cordifolia (Willd. ex Roxb.)

Ridsdale

Nauclea cordifolia Willd. ex Roxb.

Nep.: *Karma*.

Distr.: India, Nepal, Sri Lanka, Cambodia, Laos, Vietnam.

Hedyotis auricularia L.

Distr.: Tropical Africa, India, Nepal, Sri Lanka, China, Myanmar, Malaysia, Australia.

Hedyotis diffusa Willd. (Plate 79)

Distr.: Tropical and subtropical eastern Asia, India, Nepal, S. China, Japan, Malaysia.

Hymenodictyon orixense (Roxb.) Mabb.

Cinchona orixensis Roxb.

Distr.: India, Nepal, Bangladesh, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

Leptodermis kumaonensis R. Parker

Distr.: India (Uttaranchal), Nepal, Bhutan.

Neolamarckia cadamba (Roxb.) Bosser (Plate 23)

Nauclea cadamba Roxb.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Vietnam, Thailand, Malaysia.

Oldenlandia corymbosa L.

Distr.: India, Nepal, Bhutan, Sri Lanka, tropical Asia, Africa and America.

Ophiorrhiza rugosa Wall. (Plate 24, 79)

Distr.: India, Nepal, Bhutan, Sri Lanka, China,

Spermacoce articularis L. f.

Distr.: India, Nepal, Bhutan, Sri Lanka, China, Malaysia.

Spermacoce latifolia Aubl.

Distr.: Native of Tropical America; naturalised in Nepal.

Spermadictyon suaveolens Roxb. (Plate 80)

Distr.: India, Nepal, Bhutan.

RUTACEAE

Aegle marmelos (L.) Correa

Crateva marmelos L.

Nep.: *Bel*.

Distr.: India, Nepal, Myanmar, Cambodia, Laos, Vietnam, Malaysia.

Medicinal.

Boenninghausenia albiflora (Hook.)

Rchb. ex Meisn. (Plate 80)

Ruta albiflora Hook.

Distr.: India, Nepal, Bhutan, China, Japan, Malaysia.

Medicinal.

Clausena kanpurensis Molino (Plate 80)

Raji: *Pradha*.

Distr.: India, Nepal.

Medicinal.

Murraya koenigii (L.) Spreng. (Plate 24)

Bergera koenigii L.

Nep.: *Karipattaaa*. Chaudhary: *Binbinbhedia*. Raji: *Daineri*.

Distr.: India, Nepal, Sri Lanka, China, Myanmar, Cambodia, Laos, Vietnam.

Toddalia asiatica (L.) Lam.

Paullinia asiatica L.

Distr.: Africa, India, Nepal, Bhutan, Sri Lanka, China, Myanmar, Malaysia.

SABIACEAE

Meliosma dilleniifolia (Wall. ex Wight & Arn.) Walp.

Millingtonia dilleniifolia Wall. ex Wight & Arn.

Distr.: India, Nepal, Bhutan, China (Tibet), Myanmar.

Sabia paniculata Edgew.

Distr.: India, Nepal, Myanmar.

SALICACEAE

Casearia graveolens Dalzell (Plate 14, 80)

Distr.: India, Nepal, Myanmar.

Fruit poisonous.

Flacourtia indica (Burm. f.) Merr. de Brutelle (Plate 81)

Gmelina indica Burm. f.

Distr.: Tropical Africa and Asia.

Flacourtia jangomas (Lour.) Raeusch.

Stigmarota jangomas Lour.

Distr.: East Africa, India, Nepal, Bhutan, Malaysia.

Xylosma longifolium Clos

Distr.: India, Nepal, W. China.

SAPINDACEAE

Acer oblongum Wall. ex DC.

Distr.: Pakistan, India, Nepal, Bhutan, China, Myanmar, Cambodia, Laos, Vietnam.

Cardiospermum halicacabum L.

Distr.: Tropical and subtropical regions, tropical America.

Schleichera oleosa (Lour.) Oken (Plate 81)

Pistacia oleosa Lour.

Nep.: *Kusum*.

Distr.: India, Nepal, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia.

SAPOTACEAE

Diploknema butyracea (Roxb.) H. J. Lam

Bassia butyracea Roxb.

Nep.: *Chiuri*.

Distr.: India, Nepal, Bhutan.

Medicinal.

Madhuca longifolia (Koenig)

Macbride

Bassia longifolia Koenig

Distr.: Pakistan, India, Nepal, Sri Lanka, China, Myanmar.

SAURURACEAE

Houttuynia cordata Thunb.

Nep.: *Gane*.

Distr.: India, Nepal, Bhutan, China, Korea, Japan, Myanmar, Thailand.

SAXIFRAGACEAE

Astilbe rivularis Buch.-Ham. ex D. Don.

Nep.: *Budho Okhati*.

Distr.: India, Nepal, Bhutan, China, Thailand, Cambodia, Laos, Vietnam.

Medicinal.

Bergenia pacumbis (Buch.-Ham. ex D. Don) C. Y. Wu & J. T. Pan (Plate 81)

Saxifraga pacumbis Buch.-Ham. ex D.

Don

Nep.: *Paakhanbed*. Raji: *Pashanbhed*.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China (Tibet).

Medicinal. This is a rare species in Kailali.

This species has been collected at Malika, 1327 m.

SCROPHULARIACEAE

Buddleia asiatica Lour. (Plate 82)

Distr.: India, Nepal, Bangladesh, China, Myanmar, Thailand.

Verbascum thapsus L. (Plate 82)

Distr.: Europe and Asia.

SMILACACEAE

Smilax aspera L.

Nep.: *Kukurdaaino*.

Distr.: Europe, East Africa and Asia.

Smilax ovalifolia Roxb. ex D. Don (Plate 82)

Nep.: *Kukurdaaino*. Raji: *Ralbu, Chela*.

Distr.: India, Nepal, Myanmar, Cambodia, Laos and Vietnam.

Medicinal.

SOLANACEAE

Datura metel L.

Nep.: *Dhaturo*. Raji: *Dhaturo*.

Medicinal.

Nicandra physalodes (L.) Gaertn.

Atropa physalodes L.

Distr.: Native to Peru.

Nicotiana plumbaginifolia Viv. (Plate 82)

Distr.: Native to tropical America.

Physalis angulata L.

Distr.: Native to tropical America.

Physalis divaricata D. Don

Physalis indica Lam.

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan.

Physalis minima L. (Plate 83)

Distr.: Worldwide.

Solanum aculeatissimum Jacq.

Distr.: Native to tropical and South America.

Solanum americanum Mill. subsp. **nodiflorum** (Jacq.) R. J. F. Hend. (Plate 83)

Solanum nodiflorum Jacq.

Nep.: *Kaaligedi*. Raji: *Khakhani*.

Distr.: Almost cosmopolitan.

Medicinal.

Solanum anguivi Lam.

Distr.: India, Nepal, Bhutan, Malaysia, Cambodia, Laos, Vietnam, Philippines.

Solanum erianthum D. Don (Plate 83)

Distr.: Native to South America.

Medicinal.

Solanum viarum Dunal

Distr.: Native to South America.

Solanum virginianum L. (Plate 24)

Distr.: Africa, Southwest Asia, Afghanistan, Pakistan, India, Nepal, Sri Lanka, China, Japan, Myanmar, Southeast Asia, Malaysia, Australia.

SYMPLOCACEAE

Symplocos paniculata (Thunb. ex Murray) Miq.

Prunus paniculata Thunb.

Distr.: India, Nepal, Bhutan, China, Korea, Japan, Myanmar, Laos, Vietnam.

THYMELAEACEAE

Daphne bholua Buch.-Ham. ex D. Don
Nep.: *Loktaa*.
Distr.: India, Nepal, Bhutan, China.

ULMACEAE

Trema cannabina Lour.
Distr.: India, Nepal, China, Japan,
Myanmar, Thailand, Cambodia, Vietnam,
Malaysia, Indonesia, Philippines,
Australia and Pacific Islands.

Trema orientalis (L.) Blume
Celtis orientalis L.
Distr.: Tropical Africa, India, Nepal,
Bhutan, Sri Lanka, China, Japan,
Myanmar, Thailand, Vietnam, Malaysia,
Indonesia, Australia and Pacific Islands.

URTICACEAE

Boehmeria densiflora Hook. & Arn. var.
penduliflora (Wedd. ex D. G. Long) N.
Acharya & Yonek. (Plate 83)
Boehmeria penduliflora Wedd. ex D. G.
Long
Distr.: India, Nepal, Bhutan, China,
Myanmar, Thailand.

Boehmeria platyphylla D. Don (Plate
84)
Distr.: India, Nepal, Bhutan.

Debregeasia saeneb (Forssk.) Hepper &
J. R. I. Wood
Rhus saeneb Forssk.
Distr.: Northeast Africa, Iran, Afghanistan,
Pakistan, India, Nepal, Bhutan, China.

Elatostema lineolatum Wight
Distr.: India, Nepal, Bhutan, Sri Lanka,
China, Myanmar, Thailand.

Girardinia diversifolia (Link) Friis
Urtica diversifolia Link
Nep.: *Allo*.
Distr.: Africa, India, Nepal, Bhutan, Sri
Lanka, China, Myanmar, Malaysia,
Indonesia.

Gonostegia hirta (Blume ex Hassk.)
Miq. (Plate 84)
Pouzolzia hirta Blume ex Hassk.
Distr.: India, Nepal, China, Japan,
Myanmar, Malaysia, Australia.

Urtica dioica L.
Distr.: Europe, North Africa, Central Asia,
India, Nepal, China, North America.

VERBENACEAE

Lantana camara L.
Distr.: Native to tropical America.

Phyla nodiflora (L.) Greene (Plate 84)
Verbena nodiflora L.
Distr.: India, Nepal, tropics and subtropics
of both hemispheres.

VIOLACEAE

Viola betonicifolia Sm. (Plate 85)
Distr.: India, Nepal (west and central), Sri
Lanka, China, Japan, Myanmar,
Cambodia, Laos, Vietnam, Malaysia,
Australia.
This is a rare species in Kailali. This
species has been collected at Sahajpur 1,
1173 m.

Viola pilosa Blume

Distr.: Afghanistan, Pakistan, India, Nepal, Bhutan, China, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia.

VITACEAE

Ampelocissus latifolia (Roxb.) Planch.

Vitis latifolia Roxb.

Distr.: Pakistan, India, Nepal.

Leea aequata L. (Plate 85)

Distr.: India, Nepal, Bhutan, Bangladesh, Myanmar, Southeast Asia.

Leea asiatica (L.) C. E. Ridsdale (Plate 85)

Phytolacca asiatica L.

Distr.: Pakistan, India, Nepal, Bhutan, Bangladesh, China, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Leea guineensis G. Don

Distr.: Africa, India, Nepal, Bhutan, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Micronesia.

Leea macrophylla Roxb. ex Hornem.

Distr.: India, Nepal, Bhutan, Bangladesh, Myanmar, Thailand, Cambodia, Laos, Vietnam.

Parthenocissus semicordata (Wall. ex Roxb.) Planch.

Vitis semicordata Wall. ex Roxb.

Distr.: Pakistan, India, Nepal, Bhutan.

Vitis flexouosa Thunb.

Distr.: Pakistan, India, Nepal, China, Cambodia, Laos, Vietnam.

ZINGIBERACEAE

Cautleya gracilis (Sm.) Dandy

Roscoea gracilis Sm.

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand, Vietnam.

Curcuma angustifolia Roxb. (Plate 85)

Distr.: India and Nepal.

Globba racemosa Sm. (Plate 24)

Distr.: India, Nepal, Bhutan, China, Myanmar, Thailand.

Catalogue of the herbarium specimens preserved in the District Plant Resources Office Kailali (DHAN)

The herbarium specimens (collected in Kailali) mentioned below are preserved in the Herbarium of District Plant Resources Office Kailali, Dhangadhi, Kailali District, west Nepal (DHAN) except one specimen, *Thelypteris hirtisora*, whose specimen is in the National Herbarium, Lalitpur (KATH). DHAN (from Dhangadhi) has been proposed as an acronym of the Herbarium of District Plant Resources Office Kailali, Dhangadhi. (Every herbarium in the world has its own acronym. Therefore, DHAN has been proposed as an acronym for this Herbarium). In the herbarium of District Plant Resources Office Kailali there are 1100 specimens of flowering plants and ferns collected from Kailali and other districts of west Nepal. The herbarium specimens mentioned below from Kailali District and their associated photographs will be useful for the identification of the plants found in Kailali.

PTERIDOPHYTES (FERNS)

ASPLENIACEAE

Asplenium ensiforme Wall. ex Hook. & Grev. (Plate 3, 25)
West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15032.

Asplenium yoshinagae Makino subsp. **indicum** (Sledge) Fraser-Jenk. (Plate 25)
West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16027.

DENNSTAEDTIACEAE

Microlepia speluncae (L.) T. Moore (Plate 25)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.13, *D. R. Kandel and M. S. T. Magar* DBG 16411. (conserved ex-situ at DBG).

Pteridium revolutum (Blume) Nakai (Plate 25)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16050.

DRYOPTERIDACEAE

Dryopteris cochleata (D. Don) Ching (Plate 26)

West Nepal: Kailali District, Khani Danda, 1350 m, 2016.6.11, *K. R.*

Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji SN16013.

Dryopteris sparsa (D. Don) Kunze (Plate 26)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16043.

Polystichum discretum (D. Don) J. Sm. (Plate 26)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16041.

Polystichum squarrosus (D. Don) Fee (Plate 26)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16021.

Tectaria coadunata (J. Sm.) C. Chr. (Plate 27)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16047.

LYCOPODIACEAE

Huperzia hamiltonii (Spreng) Trevis (Plate 27)

West Nepal: Kailali District, Nigali, Thuli

Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16025.

Huperzia pulcherrima (Wall. ex Hook. & Grev.) Pic. Serm. f. **subulifolia** (Wall. ex Hook. & Grev.) (Plate 27)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16023.

LYGODIACEAE

Lygodium flexuosum (L.) Sw. (Plate 27)

West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16387.

Lygodium japonicum (Thunb.) Sw. (Plate 28)

West Nepal: Kailali District, Khairala, 613 m, 2016.1.27, *M. S. T. Magar; S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16020.

MARSILEACEAE

Marsilea minuta L. (Plate 28)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16403.

OPHIOGLOSSACEAE

Helminthostachys zeylanica (L.) Hook. (Plate 3, 4, 28)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15343.

Ophioglossum reticulatum L. (Plate 3, 4, 28)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15045.

POLYPODIACEAE

Drynaria propinqua (Wall. ex Mett.) J. Sm. ex Bedd. (Plate 29)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16022.

Microsorium membranaceum (D. Don) Ching (Plate 29)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16038.

Polypodioides lachnopus (Wall. ex Hook.) Ching (Plate 29)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16026.

Pyrrosia flocculosa (D. Don) Ching (Plate 29)

West Nepal: Kailali District, Budhi Tola, 1006 m, 2016.6.11, *K. R. Rajbhandari,*

M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji SN16011.

PTERIDACEAE

Adiantum capillus-veneris L. (Plate 30)

West Nepal: Kailali District, Bhasuko Bhir, 1537 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16018.

Adiantum philippense L. (Plate 30)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16407.

Aleuritopteris bicolor (Roxb.) Fraser-Jenk. (Plate 4, 30)

West Nepal: Kailali District, Near to Allad, 1412 m, 2015.10.07, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG15011.

Aleuritopteris rufa (D. Don) Ching (Plate 30)

West Nepal: Kailali District, Bhasuko Bhir, 1537 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16017.

Ceratopteris thalictroides (L.) Brongn. subsp. **gaudichaudi** (Brongn.) Fraser-Jenk. & Pariyar (Plate 30)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15306.

Coniogramme fraxinea (D. Don) Fee ex Diels (Plate 31)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16039.

Onychium siliculosum (Desv.) C. Chr. (Plate 31)

West Nepal: Kailali District, Pandown 3, 306 m, 2016.1.28, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16025.

Pteris cretica L. subsp. **laeta** (Wall. ex Lettingh.) Fraser-Jenk. (Plate 301)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16037.

SALVINIACEAE

Azolla pinnata R. Br. subsp. **asiatica** R. M. K. Saunders & K. Fowler (Plate 5, 31)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16406.

SELAGINELLACEAE

Selaginella involvens (Sw.) Spring (Plate 32)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R.*

Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji SN16024.

THELYPTERIDACEAE

Thelypteris cana (J. Sm.) Ching (Plate 32)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16040.

Thelypteris erubescens (Wall. ex Hook.) Ching (Plate 32)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16048.

Thelypteris hirtisora (C. Chr.) K. Iwats. (Plate 32)

West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15032a (KATH).

Thelypteris interrupta (Willd.) K. Iwats. (Plate 5, 6, 33)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16016.

Thelypteris microstegia (Hook.) Fraser-Jenk. (Plate 33)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R.*

Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji SN16046.

Thelypteris tylodes (Kunze) Ching (Plate 33)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16042.

VITTARIACEAE

Vittaria flexuosa Fee (Plate 33)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16028.

WOODSIACEAE

Athyrium cuspidatum (Bedd.) M. Kato (Plate 6, 34)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R.*

Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji SN16044.

Athyrium pectinatum (Wall. ex Mett.) T. Moore (Plate 34)

West Nepal: Kailali District, Nigali, Thuli Khali CF, 1479 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16020.

Diplazium esculentum (Retz.) Sw. (Plate 34)

West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16393.

Diplazium maximum (D. Don) C. Chr. (Plate 4, 6, 34)

West Nepal: Kailali District, Nigali-2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16045.

ANGIOSPERMS AND GYMNOSPERMS (FLOWERING PLANTS)

ACANTHACEAE

Andrographis paniculata (Burm. f.)
Wall. ex Nees (Plate 35)

West Nepal: Kailali District, Nigali 2,
Allad, 1419 m, 2015.10.7, *M. S. T. Magar*,
S. Neupane, *C. R. Chaudhary* and *B. B. Raji*
SNG 15031.

Barleria cristata L. (Plate 35)

West Nepal: Kailali District, Ghodaghodi,
169 m, 2016.6.12, *K. R. Rajbhandari*, *M.*
S. T. Magar, *D. R. Kandel*, *C. Khanal* and
C. R. Chaudhary GL16022.

Dicliptera bupleuroides Nees (Plate 35)

West Nepal: Kailali District, Khairala, 308
m, 2015.10.30, *M. S. T. Magar*, *C. Khanal*,
S. P. Magar and *B. B. Raji* BSM 15003.

Hemigraphis hirta (Vahl) T. Anders.
(Plate 35)

West Nepal: Kailali District, Dewaria
Botanical Garden, 174 m, 2016.5.8, *C.*
Khanal, *T. R. Pandey* and *S. P. Magar*
DBG 16356.

Justicia adhatoda L. (Plate 36)

West Nepal: Kailali District, Dhangadhi,
R. Niraula s. n.

Justicia diffusa Willd. (Plate 36)

West Nepal: Kailali District, Near to
Malika, 1091 m, 2015.10.31, *M. S. T.*
Magar, *C. Khanal*, *S. P. Magar* and *B. B.*
Raji BSM 15029.

Justicia simplex D. Don (Plate 36)

West Nepal: Kailali District, Sahajpur 1,
1357 m, 2015.10.31, *M. S. T. Magar*, *S.*
Neupane, *C. R. Chaudhary* and *B. B. Raji*
SNG 15039.

Lepidagathis incurva Buch.-Ham. ex D.
Don (Plate 36)

West Nepal: Kailali District, Nigali 9, 675
m, 2016.1.27, *M. S. T. Magar*, *S. Neupane*,
S. P. Magar and *C. R. Chaudhary* NKMS
16018.

Phlogacanthus thyrsoformis (Hardw.)
Mabb. (Plate 7, 37)

West Nepal: Kailali District, Khairala 6,
744 m, 2016.1.27, *M. S. T. Magar*, *S.*
Neupane, *S. P. Magar* and *C. R.*
Chaudhary NKMS 16022.

West Nepal: Kailali District, Simti, 845
m, 2016.4.14, *M. S. T. Magar*, *C. Khanal*,
C. R. Chaudhary and *B. B. Raji* KS16013.

Strobilanthes urticifolia Wall. ex Kuntze
(Plate 37)

West Nepal: Kailali District, Sugarkhal 1,
1250 m, 2016.1.29, *M. S. T. Magar*, *S.*
Neupane, *S. P. Magar* and *C. R.*
Chaudhary NKMS 16027.

West Nepal: Kailali District, Sisne, 1027
m, 2015.10.31, *M. S. T. Magar*, *C. Khanal*,
S. P. Magar and *B. B. Raji* BSM 15019.

Thunbergia coccinea Wall. ex D. Don
(Plate 37)

West Nepal: Kailali District, Nigali 2, 869

m, 2016.1.26, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16005.

ALISMATACEAE

Caldesia parmassifolia (Bassi ex L.) Parl. (Plate 7, 37)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16010.

AMARANTHACEAE

Achyranthes aspera L. (Plate 38)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15320.

Aerva lanata (L.) Juss. (Plate 38)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15047.

Alternanthera sessilis (L.) DC. (Plate 7, 38)

West Nepal: Kailali District, Buditola, 1006 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16392.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16377.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15312.

ANACARDIACEAE

Buchanania latifolia Roxb. (Plate 7, 38)

West Nepal: Kailali District, Chaumala, 295 m, 2016.4.19, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* CH16005.

Semecarpus anacardium L. f. (Plate 8, 39)

West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16009.

West Nepal: Kailali District, Near Buditola, 1075 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15048.

APIACEAE

Centella asiatica (L.) Urban (Plate 39)

West Nepal: Kailali District, Khailad 4, Bhuruwa, 140 m, 2015.1.4, *M. S. T. Magar* TKR005.

APOCYNACEAE

Alstonia scholaris (L.) R. Br. (Plate 39)

West Nepal: Kailali District, Dhangadhi, *R. Niraula* s. n.

Asclepias curassavica L. (Plate 39)

West Nepal: Kailali District, Way to Malika, 1091 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15044.

Holarrhena pubescens (Buch.-Ham.)

Wall. ex G. Don (Plate 8, 40)

West Nepal: Kailali District, Dewariya Botanical Garden, 180 m, 2015.7.5, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG15202.

West Nepal: Kailali District, Godawari, 250 m, 2002.10.10, *C. M. Joshi* 13.

ARACEAE

Arisaema tortuosum (Wall.) Schott (Plate 40)

West Nepal: Kailali District, Buditola, 1006 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary, and B. B. Raji* SN16010.

Pothos chinensis (Raf.) Merr. (Plate 40)

West Nepal: Kailali District, Sisne, 1027 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15024.

Rhaphidophora glauca (Wall.) Schott (Plate 40)

West Nepal: Kailali District, Sisne, 1027 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15018.

Typhonium trilobatum (L.) Schott (Plate 9, 41)

West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16389.

ARECACEAE

Wallichia oblongifolia Griff. (Plate 41)

West Nepal: Kailali District, Sugarkhal 1, 1070 m, 2016.1.29, *M. S. T. Magar, S.*

Neupane, S. P. Magar and C. R. Chaudhary NKMS 16028.

ASPARAGACEAE

Asparagus racemosus Willd. (Plate 41)

West Nepal: Kailali District, Godawari, 310 m, 2001.12.20, *C. M. Joshi* 343.

Chlorophytum tuberosum (Roxb.) Baker (Plate 41)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16408.

ASTERACEAE

Acmella paniculata (Wall. ex DC.) R. K. Jansen (Plate 42)

West Nepal: Kailali District, Dewariya Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG15321.

Adenostemma lavenia (L.) Kuntze (Plate 42)

West Nepal: Kailali District, Nigali 6, 1173 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15034.

Anaphalis busua (Buch.-Ham. ex D. Don) DC. (Plate 42)

West Nepal: Kailali District, Malika, 1327 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15032.

Blumeopsis flava (DC.) Gagnep. (Plate 42)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.8, *C. Khanal, T. R. Pandey and S. P. Magar* DBG 16365A.

Conyza japonica (Thunb.) Less. (Plate 43)

West Nepal: Kailali District, Sahajpur 1, 1357 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15045.

Cyanthillium cinereum (L.) H. Rob. (Plate 43)

West Nepal: Kailali District, Dewariya Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG15319.

Dichrocephala benthamii C. B. Clarke (Plate 69)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16401.

Duhaldea cappa (DC.) A. Anderb. (Plate 43)

West Nepal: Kailali District, Nigali 2, 869 m, 2016.1.26, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16008.

West Nepal: Kailali District, Way to Malika, 1091 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15043.

Eclipta prostrata (L.) L. (Plate 43)

West Nepal: Kailali District, Dewariya Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG15317.

West Nepal: Kailali District, Dewaria, 180 m, 2002.11.12, *C. M. Joshi* 200.

Elephantopus scaber L. (Plate 44)

West Nepal: Kailali District, Near Buditola, 702 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15054.

West Nepal: Kailali District, Khailad 4, Bhuruwa, 143 m, 2015.1.4, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* TKR007.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15322.

Erigeron karvinskianus DC. (Plate 44)

West Nepal: Kailali District, Bhasuko bhir, 1537 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary, and B. B. Raji* SN16019.

Sonchus asper (L.) Hill (Plate 44)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.8, *C. Khanal, T. R. Pandey and S. P. Magar* DBG 16352.

Sphaeranthus indicus L. (Plate 44)

West Nepal: Kailali District, Pawera, 137 m, 2016.1.7, *M. S. T. Magar, C. Khanal, S. Neupane and B. B. Raji* PR16005.

Vernonia squarrosa (D. Don) Less. (Plate 45)

West Nepal: Kailali District, Sahajpur 1, 1357 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15040.

Xanthium strumarium L. (Plate 45)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16003.

West Nepal: Kailali District, Dewaria Botanical Garden, 175 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16372.

BERBERIDACEAE

Berberis asiatica Roxb. ex DC. (Plate 45)
West Nepal: Kailali District, Nigali 6, 1173 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15037.

BORAGINACEAE

Cynoglossum furcatum Wall. (Plate 45)
West Nepal: Kailali District, Sisne, 1027 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15020.

Ehretia laevis Roxb. (Plate 46)
West Nepal: Kailali District, Khailad 4, Bhuruwa, 154 m, 2015.1.4, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* TKR001.

Heliotropium strigosum Willd. (Plate 46)
West Nepal: Kailali District, Near Buditola, 654 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16006.

BRASSICACEAE

Rorippa indica (L.) Hiern (Plate 46)
West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C.*

Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji DBG16410.

CAMPANULACEAE

Lobelia seguinii Lev. & Vaniot var. **doniana** (Skottsb.) E. Wimm. (Plate 46)
West Nepal: Kailali District, Nigali 8, 675 m, 2016.1.27, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16013.

CANNABACEAE

Cannabis sativa L. (Plate 47)
West Nepal: Kailali District, Nigali 6, 1173 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15035.

CAPRIFOLIACEAE

Dipsacus inermis Wall. (Plate 10, 47)
West Nepal: Kailali District, Phalate, 1210 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15037.

CELASTRACEAE

Celastrus paniculatus Willd. (Plate 47)
West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.8, *C. Khanal, T. R. Pandey and S. P. Magar* DBG 16346.

COLCHICACEAE

Iphigenia indica (L.) A Gray ex Kunth (Plate 47)

Melanthium indicum L.

West Nepal: Kailali District, Sahajpur 2, 1164 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16010.

COMBRETACEAE

Anogeissus latifolius (Roxb. ex DC.) Bedd. (Plate 48)

West Nepal: Kailali District, Chisapani, 250 m, 2001.2.10, *C. M. Joshi* 79.

Terminalia bellirica (Gaertn.) Roxb. (Plate 48)

West Nepal: Kailali District, Bayalgadi C. F., 250 m, 2007.6.10, *D. K. Sharma & S. Acharya* 281.

Terminalia elliptica Willd. (Plate 48)

West Nepal: Kailali District, Devria Dhan, *S. R. Raut* s. n.

COMMELINACEAE

Cyanotis vaga (Lour.) J. A. Schult. & J. H. Schult. (Plate 48)

Tradescantia vaga Lour.

West Nepal: Kailali District, Sahajpur 2, 1164 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16012.

Murdannia edulis (Stokes) Faden (Plate 49)

West Nepal: Kailali District, Way to Nigali, 1507 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16029.

CONVOLVULACEAE

Evolvulus nummularius (L.) L. (Plate 10, 49)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.8, *C. Khanal, T. R. Pandey and S. P. Magar* DBG 16354.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15305.

Ipomoea aquatica Forssk. (Plate 49)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* SNG DBG 15336.

Poranopsis paniculata (Roxb.) Roberty (Plate 10, 49)

West Nepal: Kailali District, Khairala, 308 m, 2015.10.30, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15005.

CORIARIACEAE

Coriaria napalensis Wall. (Plate 11, 50)

West Nepal: Kailali District, Way to Mohanyal, 1187 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15034.

CUCURBITACEAE

Diplocyclos palmatus (L.) C. Jeffrey (Plate 50)

Distr.: Pakistan, India, Nepal, Bhutan, Sri Lanka, China, Japan, Thailand, Philippines, Indonesia, Peninsular Malaysia, Papua New Guinea, NE Australia.

CYPERACEAE

Carex cruciata Wahlenb. (Plate 50)

West Nepal: Kailali District, Way to Nigali, 1507 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16030.

Cyperus compactus Retz. (Plate 50)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15011.

Cyperus cyperoides (L.) Kuntze (Plate 51)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15005.

Cyperus distans L. f. (Plate 51)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15018.

Cyperus iria L. (Plate 51)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15001.

Cyperus niveus Retz. (Plate 52)

West Nepal: Kailali District, Way to Nigali, 1907 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16031.

Cyperus squarrosus L. (Plate 52)

West Nepal: Kailali District, Dewaria Botanical Garden, 175 m, 2016.5.9, *C. Khanal, T. R. Pandey and S. P. Magar* DBG 16366D.

Eleocharis congesta D. Don (Plate 52)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15009.

Erioscirpus comosus (Wall.) Palla (Plate 52)

West Nepal: Kailali District, Baluwagada, 329 m, 2015.10.30, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15009.

Fimbristylis bisumbellata (Forssk.)

Bubani (Plate 53)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16006.

Fimbristylis dichotoma (L.) Vahl (Plate 53)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15002.

Fimbristylis falcata (Vahl) Kunth (Plate 53)

West Nepal: Kailali District, Near Buditola, 654 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16005.

Fimbristylis littoralis Gaudich. (Plate 53)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15016.

Kyllinga nemoralis (J. R. Forst. & G. Forst.) Dandy ex Hutch. & Dalziel (Plate 51)

West Nepal: Kailali District, Dewaria, 180 m, 2001.12.18, *C. M. Joahi* 314.

Pycreus flavidus (Retz.) T. Koyama (Plate 54)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15017.

Pycreus sanguinolentus (Vahl) Nees ex C. B. Clarke (Plate 54)

West Nepal: Kailali District, Mohnyal 5, 534 m, 2016.1.28, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16024.

Schoenoplectus juncooides (Roxb.) Palla (Plate 54)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16402.

Scleria levis Retz. (Plate 54)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15008.

DIPTEROCARPACEAE

Shorea robusta Roxb. ex Gaertn. f. (Plate 55)

West Nepal: Kailali District, Dewaria Botanical Garden, 180 m, 2015.9.4, *M. S. T. Magar and B. B. Raji* DBG 00201.

DROSERACEAE

Drosera peltata Sm. ex Willd. (Plate 11, 55)

West Nepal: Kailali District, Sahajpur 2, 1164 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16006.

ERICACEAE

Lyonia ovalifolia (Wall.) Drude (Plate 55)

West Nepal: Kailali District, Sahajpur 2, 1164 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16013.

EUPHORBIACEAE

Bridelia retusa (L.) Spreng. (Plate 55)

West Nepal: Kailali District, Khailad 4, Bhuruwa, 143 m, 2015.1.4, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* TKR006.

Euphorbia thymifolia L. (Plate 56)

West Nepal: Kailali District, Buditola, 1006 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16008.

Mallotus philippensis (Lam.) Muel. Arg. (Plate 56)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15052.

West Nepal: Kailali District, Godawari, 512 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15059.

West Nepal: Kailali District, Geto, 180 m, 2001.12.20, *C. M. Joshi* 341.

Phyllanthus urinaria L. (Plate 56)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15327.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15326.

Trewia nudiflora L. (Plate 56)

West Nepal: Kailali District, Udasipur, 132 m, 2016.3.29, *C. Khanal, S. Neupane and B. B. Raji* U16004.

FABACEAE

Butea parviflora Roxb. (Plate 12, 57)

West Nepal: Kailali District, Dewaria Botanical Garden, 180 m, 2015.7.5, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15209.

Dalbergia latifolia Roxb. (Plate 57)

Nep.: Bijaya sal.

West Nepal: Kailali District, Chaumala, 426 m, 2016.4.19, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* CH16004.

Dalbergia sericea G. Don (Plate 57)

West Nepal: Kailali District, Nigali 2,

Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16055.

Desmodium gangeticum (L.) DC. (Plate 57)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16409.

Flemingia chappar Buch.-Ham. ex Benth. (Plate 58)

West Nepal: Kailali District, Sugarkhal, 400 m, 2016.1.29, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16026.

Flemingia strobilifera (L.) Aiton (Plate 13, 58)

West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16388.

Indopiptadenia oudhensis (Brandis) Brenan (Plate 13, 58)

West Nepal: Kailali District, Mohanyal 5, 534 m, 2016.1.28, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16023.

Senna tora (L.) Roxb. (Plate 58)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15043.

Smithia sensitiva Aiton (Plate 59)

West Nepal: Kailali District, Sahajpur 1,

1357 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15043.

FAGACEAE

Quercus leucotrichophora A. Camus (Plate 13, 59)

West Nepal: Kailali District, Nigali 6, 1173 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15036.

GENTIANACEAE

Canscora alata (Roth) Wall. (Plate 59)

West Nepal: Kailali District, Near Godawari, 512 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15058.

Swertia angustifolia Buch.-Ham. ex D. Don (Plate 14, 59)

West Nepal: Kailali District, Sisne, 973 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15017.

GERANIACEAE

Geranium nepalense Sweet (Plate 60)

West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15017.

GESNERIACEAE

Aeschynanthus parviflorus (D. Don) Spreng. (Plate 60)

West Nepal: Kailali District, Sisne, 1027 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15023.

Rhynchoglossum obliquum Blume (Plate 60)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15324.

HYPOXIDACEAE

Curculigo orchioides Gaertn. (Plate 60)

West Nepal: Kailali District, Pawera, 143 m, 2016.5.29, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* P16002.

LAMIACEAE

Ajuga bracteosa Wall. ex Benth. (Plate 61)

West Nepal: Kailali District, Sahajpur 6, 1388 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16001.

Clinopodium umbrosum (M. Bieb.) C. Koch (Plate 61)

West Nepal: Kailali District, Buditola, 1006 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16012.

Colebrookea oppositifolia Sm. (Plate 61)

West Nepal: Kailali District, Near Kolmoda, 349 m, 2016.4.14, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* KS16001.

Holmskioldia sanguinea Retz. (Plate 61)

West Nepal: Kailali District, Baluwagada, 329 m, 2015.10.30, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15010.

Isodon coetsa (Buch.-Ham. ex D. Don)
Kudo (Plate 62)
West Nepal: Kailali District, Nigali 2,
Allad, 1419 m, 2015.10.7, *M. S. T. Magar*,
S. Neupane, C. R. Chaudhary and B. B. Raji
SNG 15024.

Leucas cephalotes (Roth) Spreng. (Plate 62)
West Nepal: Kailali District, Pawera, 137
m, 2016.1.7, *M. S. T. Magar, C. Khanal*,
S. Neupane and B. B. Raji PR16004.

Leucas lanata Wall. ex Benth. (Plate 62)
West Nepal: Kailali District, Sisne, 1027
m, 2015.10.31, *M. S. T. Magar, C. Khanal*,
S. P. Magar and B. B. Raji BSM 15021.

Teucrium quadrifarium Buch.-Ham. ex
D. Don (Plate 62)
West Nepal: Kailali District, Sahajpur 1,
1357 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji*
SNG 15041.

Vitex negundo L. (Plate 84)
West Nepal: Kailali District, Baluwagada,
329 m, 2015.10.30, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM
15007.

LECYTHIDACEAE

Careya arborea Roxb. (Plate 63)
West Nepal: Kailali District, Dewaria
Botanical Garden, 180 m, 2015.7.5, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji*
DBG 15207.

LINACEAE

Reinwardtia indica Dumort. (Plate 63)
West Nepal: Kailali District, Near

Buditola, 1075 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15046.

LYTHRACEAE

Ammannia auriculata Willd. (Plate 63)
West Nepal: Kailali District, Dewaria
Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji*
DBG 15325.

Lagerstroemia parviflora Roxb. (Plate 63)
West Nepal: Kailali District, Dewaria
Botanical Garden, 175 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar*
DBG 16366A.

MALPIGHIACEAE

Hiptage benghalensis (L.) Kurz (Plate 16, 64)
West Nepal: Kailali District, Kolmoda -
Simti, 477 m, 2016.4.14, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji*
KS16008.

MALVACEAE

Abutilon indicum (L.) Sweet (Plate 64)
West Nepal: Kailali District, Ghodaghodi,
165 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16018.

Corchorus aestuans L. (Plate 64)
West Nepal: Kailali District, Dewaria
Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji*
DBG 15314.

Corchorus capsularis L. (Plate 64)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15339.

Corchorus olitorius L. (Plate 65)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16375.

Sida cordata (Burm. f.) Borss.Waalk. (Plate 65)

West Nepal: Kailali District, Near Godawari, 395 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16001.

Sida cordifolia Wight & Arn. (Plate 65)

West Nepal: Kailali District, Near Buditola, 1075 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15049.

Sida orientalis Cav. (Plate 65)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15302.

West Nepal: Kailali District, Baluwagada, 422 m, 2015.10.30, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15014.

Triumfetta rhomboidea Jacq. (Plate 17, 66)

West Nepal: Kailali District, Near

Godawari, 512 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15060.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15316.

MARTYNIACEAE

Martynia annua L. (Plate 66)

West Nepal: Kailali District, Baluwagada, 329 m, 2015.10.30, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15006.

MELASTOMATACEAE

Osbeckia stellata Ker Gawl. (Plate 17, 66)

West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15029.

MELIACEAE

Heynea trijuga Roxb. ex Sims (Plate 66)

West Nepal: Kailali District, Kolmoda - Simti, 455 m, 2016.4.14, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* KS16006.

MORACEAE

Ficus heterophylla L. f. (Plate 67)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16404.

NYCTAGINACEAE

Boerhavia diffusa L. (Plate 67)

West Nepal: Kailali District, Chaumala, 295 m, 2016.4.19, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* CH16003.

OLEACEAE

Jasminum multiflorum (Burm. f.) Andrews (Plate 67)

West Nepal: Kailali District, Pawera, 137 m, 2016.1.7, *M. S. T. Magar, C. Khanal, S. Neupane and B. B. Raji* PR16007.

ONAGRACEAE

Ludwigia adscendens (L.) H. Hara (Plate 16, 67)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16008.

Ludwigia octovalvis (Jacq.) P. H. Raven (Plate 68)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15315.

ORCHIDACEAE

Coelogyne ovalis Lindl. (Plate 68)

West Nepal: Kailali District, Mohanyal, 1132 m, 2015.10.31, *M. S. T. Magar, C.*

Khanal, S. P. Magar and B. B. Raji BSM 15035.

Pelatantheria insectifera (Rchb. f.) Ridl. (Plate 68)

West Nepal: Kailali District, Sisaiya, Pahalmanpur 4, 183 m, 2016.4.29, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SI16003.

Satyrium nepalense D. Don (Plate 20, 68)

West Nepal: Kailali District, Sahajpur 1, 1357 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15042.

OROBANCHACEAE

Aeginetia indica L. (Plate 21, 69)

West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15030.

PHRYMACEAE

Mazus pumilus (Burm. f.) van Steenis var. **delavayi** (Bonati) T. L. Chin ex D. Y. Hong (Plate 69)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15049.

Mimulus tenellus var. **nepalensis** (Benth.) Tsoong ex Yang (Plate 69)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2016.5.8, *C.*

Khanal, T. R. Pandey and S. P. Magar
DBG 16353.

West Nepal: Kailali District, Dewaria
Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15334.

PIPERACEAE

Peperomia pellucida (L.) Kunth (Plate 70)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15044.

Peperomia tetraphylla (G. Forst.) Hook. & Arn. (Plate 70)

West Nepal: Kailali District, Nigali 2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16056.

PLANTAGINACEAE

Lindenbergia grandiflora (Buch.-Ham. ex D. Don) Benth. (Plate 70)

West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15028.

West Nepal: Kailali District, Way to Malika, 1091 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15028.

Lindenbergia muraria (Roxb. ex D. Don) Bruehl (Plate 70)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15318.

Scoparia dulcis L. (Plate 71)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15328.

West Nepal: Kailali District, Dewaria Botanical Garden, 175 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16378.

POACEAE

Apluda mutica L. (Plate 71)

West Nepal: Kailali District, Phalate, 1210 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15036.

Bothriochloa ischaemum (L.) Keng (Plate 71)

West Nepal: Kailali District, Near Buditola, 654 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16003.

Cyrtococcum accrescens (Trin.) Stapf (Plate 71)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15051.

Digitaria ciliaris (Retz.) Koeler (Plate 72)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16002.

Echinochloa colona (L.) Link (Plate 72)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M.*

S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary GL16001.

West Nepal: Kailali District, Near Godawari, 512 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15056.

Echinochloa crusgalli (L.) P. Beauv. (Plate 72)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15013.

Eleusine indica (L.) Gaertn. (Plate 72)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16007.

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15012.

Eragrostis unioides (Retz.) Nees ex Steud. (Plate 73)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15013.

Imperata cylindrica (L.) Raeusch. (Plate 73)

West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16396.

West Nepal: Kailali District, Dewaria Botanical Garden, 175 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16379.

Ischaemum rugosum Salisb. (Plate 73)
West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15003.

Neyraudia reynaudiana (Kunth) Keng & A. S. Hitchc. (Plate 73)

West Nepal: Kailali District, Bhasuko Bhir, 1537 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16015.

Oplismenus burmanii (Retz.) P. Beauv. (Plate 74)

West Nepal: Kailali District, Andaiya, 195 m, 2015.11.1, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15050.

Oryza rufipogon Griff. (Plate 74)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15015.

Panicum dichotomiflorum Michx. (Plate 74)

West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15010.

Paspalidium flavidum (Retz.) A. Camus (Plate 74)

West Nepal: Kailali District, Near Buditola, 654 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16004.

Paspalum scrobiculatum L. (Plate 75)
West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16397.

Pogonatherum paniceum (Lam.) Hack. (Plate 75)
West Nepal: Kailali District, Nigali 2, Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16054.

Sacciolepis indica (L.) Chase (Plate 75)
West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15006.

Sporobolus diandrus (Retz.) P. Beauv (Plate 75)
West Nepal: Kailali District, Near Buditola, 654 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16007.

Urochloa ramosa (L.) T. Q. Nguyen (Plate 76)
West Nepal: Kailali District, Dewaria Botanical Garden, 174 m, 2015.10.12, *M. S. T. Magar, S. P. Magar and B. B. Raji* DBG 15007.

POLYGALACEAE

Polygala crotalarioides Buch.-Ham. ex DC. (Plate 76)
West Nepal: Kailali District, Ghodaghodi, 169 m, 2016.6.12, *K. R. Rajbhandari, M.*

S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary GL16021.

POLYGONACEAE

Persicaria barbata (L.) H. Hara (Plate 76)
West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16395.
West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16005.

Persicaria lapathifolia (L.) S. F. Gray var. **lanata** (Roxb.) H. Hara (Plate 76)
West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16399.
West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15340.

Persicaria limbata (Meisn.) H. Hara (Plate 22, 77)
West Nepal: Kailali District, Dewaria Botanical Garden, 179 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16394.
West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15341.

Polygonum plebejum R. Br. (Plate 77)

West Nepal: Kailali District, Ratanpur, 137 m, 2016.1.7, *M. S. T. Magar, C. Khanal, S. Neupane and B. B. Raji* PR16006.

PRIMULACEAE

Ardisia solanacea Roxb. (Plate 23, 77)

West Nepal: Kailali District, Nigali 8, 680 m, 2016.1.27, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16016.

Maesa chisia Buch.-Ham. ex D. Don (Plate 77)

West Nepal: Kailali District, Nigali 2, 859 m, 2016.1.26, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16002.

West Nepal: Kailali District, Nigali 2, Allad, 1419 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15021.

RANUNCULACEAE

Clematis acuminata DC. (Plate 78)

West Nepal: Kailali District, Nigali 8, 680 m, 2016.1.27, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16014.

RHAMNACEAE

Ziziphus mauritiana Lam. (Plate 78)

West Nepal: Kailali District, Godawari, 268 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15061.

ROSACEAE

Agrimonia pilosa Ledeb. var. **japonica** (Miq.) Nakai f. **nepalensis** (D. Don) Murata (Plate 78)

West Nepal: Kailali District, Sahajpur 1, 1357 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15038.

RUBIACEAE

Catunaregam longispina (Link) Tirv. (Plate 78)

West Nepal: Kailali District, Dewaria Botanical Garden, 180 m, 2015.7.5, *M. S. T. Magar, C. R. Chaudhary and B. B. Raji* DBG 15204.

Galium elegans Wall. ex Roxb. (Plate 79)

West Nepal: Kailali District, Near Buditola, 1075 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15050.

Galium hirtiflorum Req. ex DC. (Plate 79)

West Nepal: Kailali District, Phalate, 1210 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15038.

Hedyolis diffusa Willd. (Plate 79)

West Nepal: Kailali District, Dewaria Botanical Garden, 173 m, 2016.6.10, *K. R. Rajbhandari, M. S. T. Magar, C. Khanal, D. R. Kandel, S. Neupane, S. P. Magar and B. B. Raji* DBG16405.

Ophiorrhiza rugosa Wall. (Plate 24, 79)

West Nepal: Kailali District, Nigali 2,

Allad, 1418 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16036.

West Nepal: Kailali District, Way to Malika, 1091 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15027.

Spermadictyon suaveolens Roxb. (Plate 80)

West Nepal: Kailali District, Malika, 1327 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15033.

West Nepal: Kailali District, Near to Sisne, 973 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15016.

RUTACEAE

Boeninghausenia albiflora (Hook.) Rchb. ex Meisn. (Plate 80)

West Nepal: Kailali District, Sisne, 1027 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15042.

Clausena kanpurensis Molino (Plate 80)

West Nepal: Kailali District, Dewaria Botanical Garden, 170 m, 2015.10.15, *M. S. T. Magar, R. P. Chaudhary and B. B. Raji* DBG 15335.

SALICACEAE

Casearia graveolens Dalzell (Plate 14, 80)

West Nepal: Kailali District, Dewaria Botanical Garden, 175 m, 2016.5.10, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16384.

Flacourtia indica (Burm. f.) Merr. de Brutelle (Plate 81)

West Nepal: Kailali District, Dewaria Botanical Garden, 175 m, 2016.5.9, *M. S. T. Magar, T. R. Pandey and S. P. Magar* DBG 16369.

SAPINDACEAE

Schleichera oleosa (Lour.) Oken (Plate 81)

West Nepal: Kailali District, Khailad 4, Bhuruwa, 151 m, 2015.1.4, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* TKR009.

SAPOTACEAE

Madhuca longifolia (J. Koenig) J. Macbr. (Plate 81)

West Nepal: Kailali District, Khailad 4, Bhuruwa, 152 m, 2015.1.4, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* TKR011.

SAXIFRAGACEAE

Bergenia pacumbis (Buch.-Ham. ex D. Don) C. Y. Wu & J. T. Pan (Plate 81)

West Nepal: Kailali District, Malika, 1327 m, 2015.10.31, *M. S. T. Magar, C. Khanal, S. P. Magar and B. B. Raji* BSM 15030.

SCROPHULARIACEAE

Buddleia asiatica Lour. (Plate 82)

West Nepal: Kailali District, Udasipur, 132 m, 2016.3.29, *C. Khanal, S. Neupane and B. B. Raji* U16003.

Verbascum thapsus L. (Plate 82)

West Nepal: Kailali District, Nigali 9, 675

m, 2016.1.27, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16019.

SMILACACEAE

Smilax ovalifolia Roxb. ex D. Don (Plate 82)

West Nepal: Kailali District, Kanchanpur 5, Krishnapur, 196 m, 2015.5.4, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* TKR103.

SOLANACEAE

Nicotiana plumbaginifolia Viv. (Plate 82)

West Nepal: Kailali District, Udasipur, 132 m, 2016.3.29, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* U16007.

Physalis minima L. (Plate 83)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16004.

Solanum americanum Mill. subsp. **nodiflorum** (Jacq.) R. J. F. Hend. (Plate 83)

West Nepal: Kailali District, Sahajpur 2, 1164 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16009.

Solanum erianthum D. Don (Plate 83)

West Nepal: Kailali District, Nigali 9, 675 m, 2016.1.27, *M. S. T. Magar, S. Neupane, S. P. Magar and C. R. Chaudhary* NKMS 16017.

URTICACEAE

Boehmeria densiflora Hook. & Arn. var. **penduliflora** (Wedd. ex D. G. Long) N. Acharya & Yonek. (Plate 83)

West Nepal: Kailali District, Near Buditola, 895 m, 2015.10.8, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15052.

Boehmeria platyphylla D. Don (Plate 84)

West Nepal: Kailali District, Nigali 6, 1173 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15033.

Gonostegia hirta (Blume ex Hassk.) Miq. (Plate 84)

West Nepal: Kailali District, Sahajpur 6, 1388 m, 2016.6.30, *M. S. T. Magar, C. Khanal, C. R. Chaudhary and B. B. Raji* SK16005.

VERBENACEAE

Phyla nodiflora (L.) Greene (Plate 84)

West Nepal: Kailali District, Ghodaghodi, 163 m, 2016.6.12, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal and C. R. Chaudhary* GL16012.

VIOLACEAE

Viola betonicifolia Sm. (Plate 85)

West Nepal: Kailali District, Sahajpur 1, 1173 m, 2015.10.7, *M. S. T. Magar, S. Neupane, C. R. Chaudhary and B. B. Raji* SNG 15044.

VITACEAE

***Leea aequata* L. (Plate 85)**

West Nepal: Kailali District, Near Buditola, 654 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16033.

***Leea asiatica* (L.) C. E. Ridsdale (Plate 85)**

West Nepal: Kailali District, Tappa, Pahalmanpur, 161 m, 2016.6.23, *M. S. T.*

Magar, C. Khanal, S Neupane, C. R. Chaudhary and B. B. Raji TP16004.

ZINGIBERACEAE

***Curcuma angustifolia* Roxb. (Plate 85)**

West Nepal: Kailali District, Way to Nigali, 1507 m, 2016.6.11, *K. R. Rajbhandari, M. S. T. Magar, D. R. Kandel, C. Khanal, C. R. Chaudhary and B. B. Raji* SN16032.



Asplenium ensiforme



Asplenium yoshinagae subsp. *indicum*



Microlepia speluncae



Pteridium revolutum



Dryopteris cochleata



Dryopteris sparsa



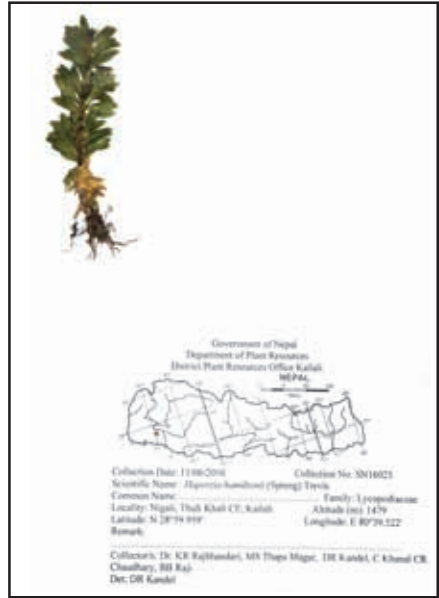
Polystichum discretum



Polystichum squarrosum



Tectaria coadunata



Huperzia hamiltonii



Huperzia pulcherrima f. *subulifolia*



Lygodium flexuosum



Lygodium japonicum



Marsilea minuta



Helminthostachys zeylanica



Ophioglossum reticulatum



Drynaria propinqua



Microsorium membranaceum



Polypodioides lachnopus



Pyrrosia flocculosa



Adiantum capillus-veneris



Adiantum philippense



Aleuriteopteris bicolor



Aleuriteopteris rufa



Ceratopteris thalictroides subsp. *gaudichaudi*



Coniogramme fraxinea



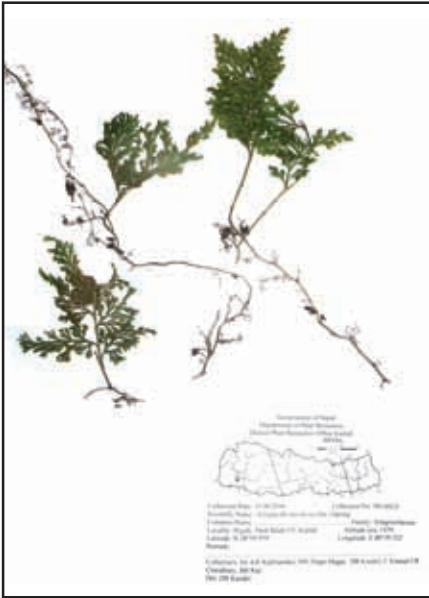
Onychium siliculosum



Pteris cretica subsp. *laeta*

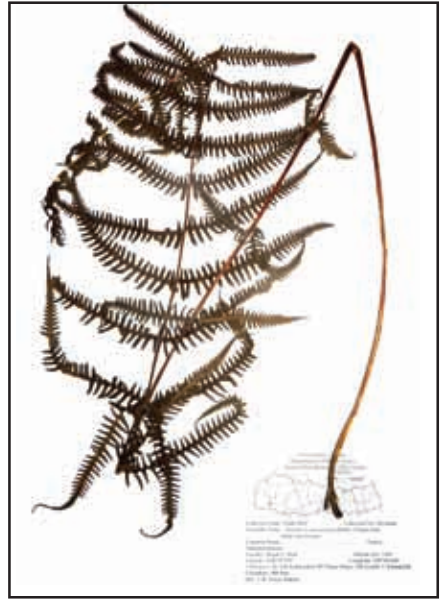


Azolla pinnata subsp. *asiatica*





Thelypteris interrupta



Thelypteris microstegia



Thelypteris tylodes



Vittaria flexuosa



Athyrium cuspidatum



Athyrium pectinatum



Diplazium esculentum



Diplazium maximum



Andrographis paniculata



Barleria cristata



Dicliptera bupleuroides



Hemigraphis hirta



Justicia adhatoda



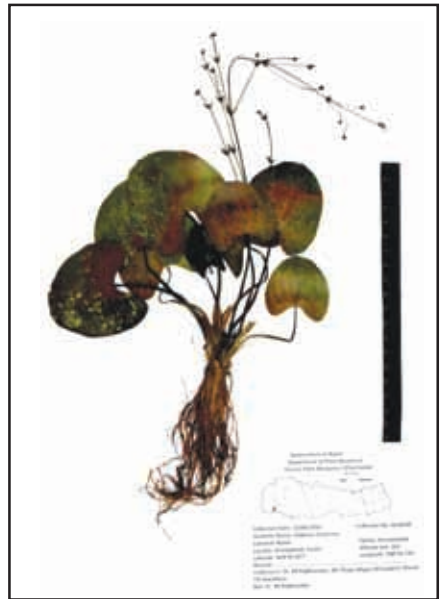
Justicia diffusa



Justicia simplex



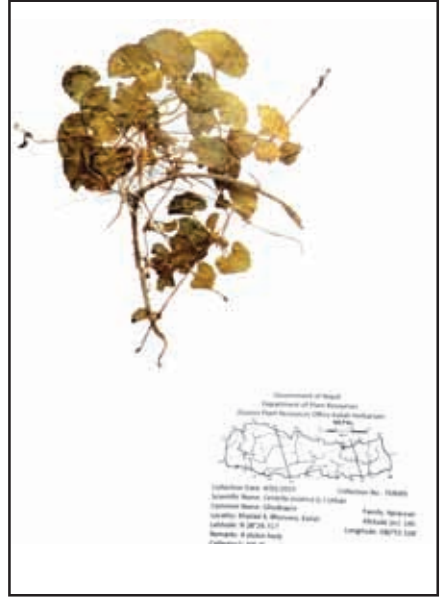
Lepidagathis incurva







Semecarpus anacardium



Centella asiatica



Alstonia scholaris



Asclepias curassavica



Holarrhena pubescens



Arisaema tortuosum



Pothos chinensis



Rhabdophora glauca



Typhonium trilobatum



Wallichia oblongifolia



Asparagus racemosus



Chlorophytum tuberosum



Acmella paniculata



Adenostemma lavenia



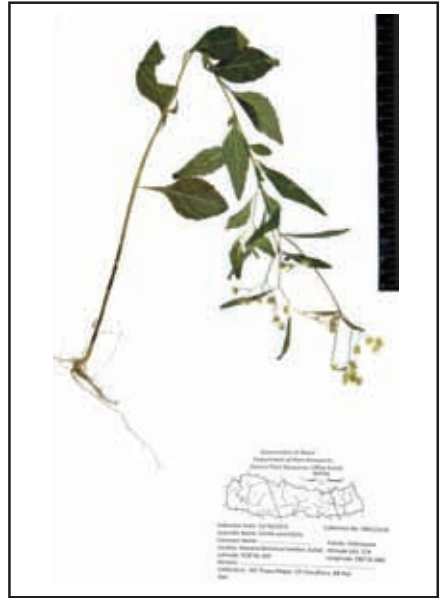
Anaphalis busua



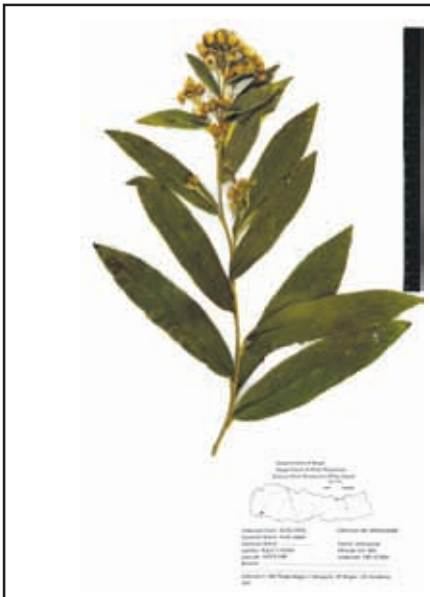
Blumeopsis flava



Conyza japonica



Cyanthillium cinereum



Duhaldea cappa



Eclipta prostrata



Elephantopus scaber



Erigeron karvinskianus



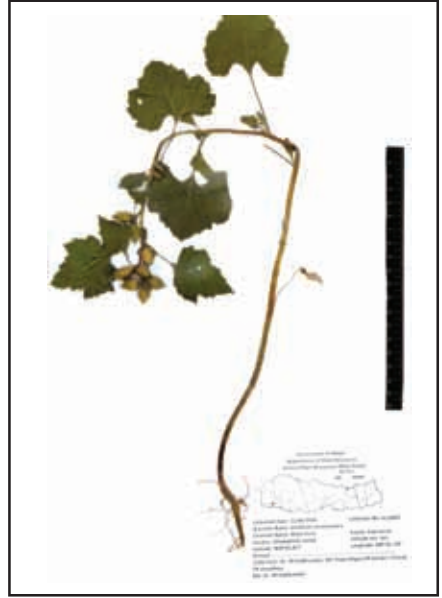
Sonchus asper



Sphaeranthus indicus



Vernonia squarrosa



Xanthium strumarium



Berberis asiatica



Cynoglossum furcatum



Ehretia laevis



Heliotropium strigosum



Rorippa indica



Lobelia seguinii var. *doniana*



Cannabis sativa



Dipsacus inermis



Celastrus paniculatus



Iphigenia indica



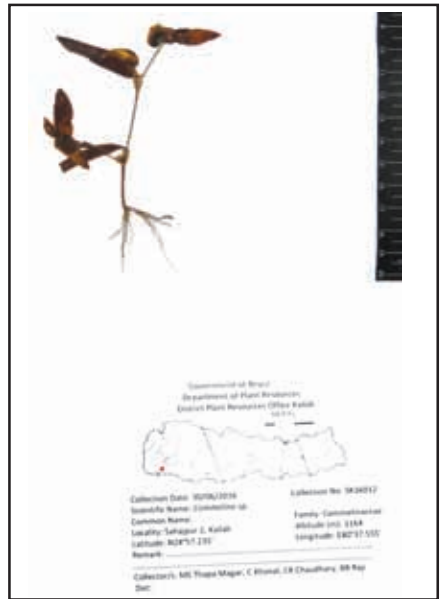
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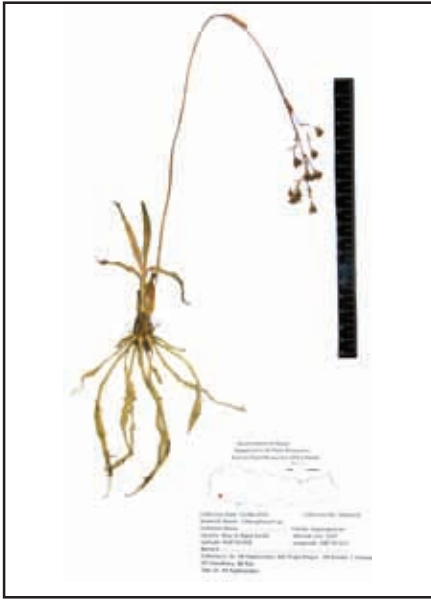
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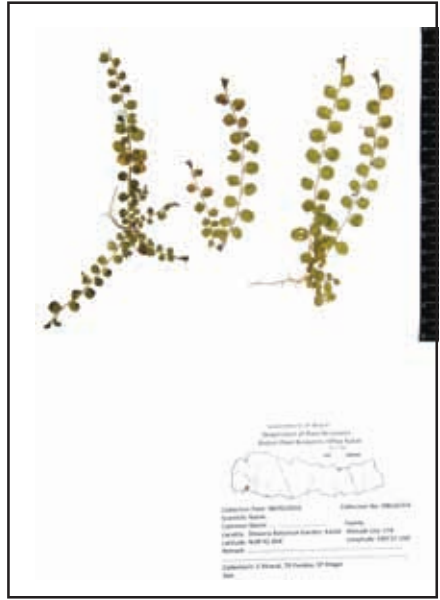
Terminalia elliptica



Cyanotis vaga



Murdannia edulis



Evolvulus nummularioides



Ipomoea aquatica



Poranopsis paniculata



Coriaria napalensis



Diplocyclos palmatus



Carex cruciata



Cyperus compactus



Cyperus cyperoides



Cyperus distans



Cyperus iria



Kyllinga nemoralis



Cyperus niveus



Cyperus squarrosus



Eleocharis congesta



Erioscirpus comosus



Fimbristylis bisumbellata



Fimbristylis dichotoma



Fimbristylis falcata



Fimbristylis littoralis



Pycreus flavidus



Pycreus sanguinolentus



Schoenoplectus juncooides



Scleria levis



Shorea robusta



Drosera peltata



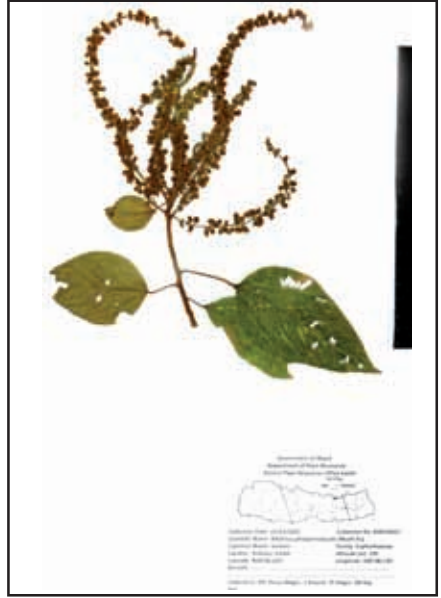
Lyonia ovalifolia



Bridelia retusa



Euphorbia thymifolia



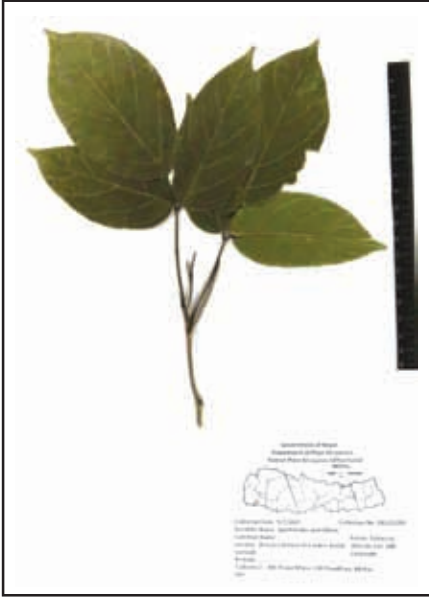
Mallotus philippensis



Phyllanthus urinaria



Trewia nudiflora



Butea parviflora



Dalbergia latifolia



Dalbergia sericea



Desmodium gangeticum



Flemingia chappar



Flemingia strobilifera



Indopiptadenia oudhensis



Senna tora



Smithia sensitiva



Quercus leucotrichophora



Canscora alata



Swertia angustifolia



Geranium nepalense



Aeschynanthus parviflorus



Rhynchoglossum obliquum



Curculigo orchioides



Ajuga bracteosa



Clinopodium umbrosum



Colebrookea oppositifolia



Holmskioldia sanguinea



Isodon coetsa



Leucas cephalotes



Leucas lanata



Teucrium quadrifarium



Careya arborea



Reinwardtia indica



Ammannia auriculata



Lagerstroemia parviflora



Hiptage benghalensis



Abutilon indicum



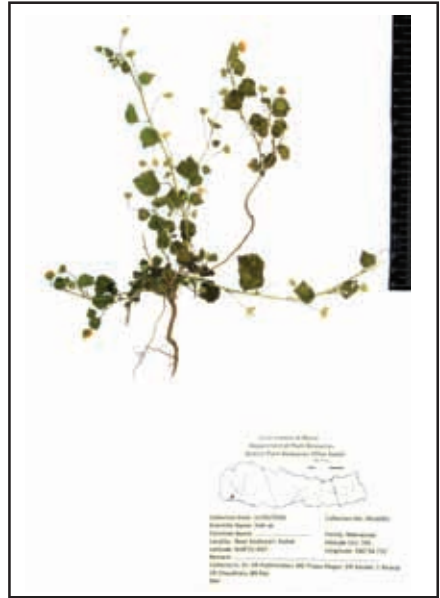
Corchorus aestuans



Corchorus capsularis



Corchorus olitorius



Sida cordata



Sida cordifolia



Sida orientalis



Triumfetta rhomboidea



Martynia annua



Osbeckia stellata



Heynea trijuga



Ficus heterophylla



Boerhavia diffusa



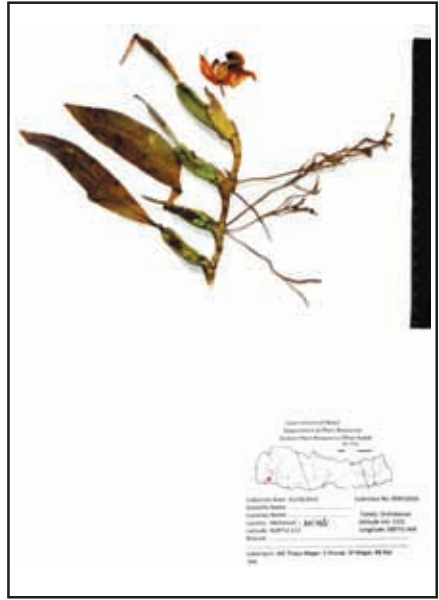
Jasminum multiflorum



Ludwigia adscendens



Ludwigia octovalvis



Coelogyne ovalis



Pelatantheria insectifera



Satyrium nepalense



Aeginetia indica



Mazus pumilus var *delavayi*



Dichrocephala benthamii



Mimulus tenellus var *nepalensis*



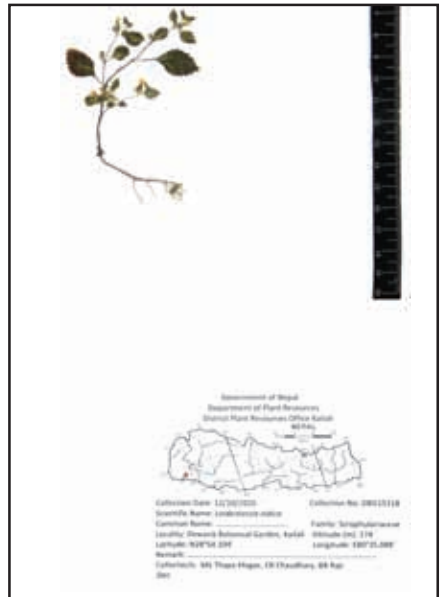
Peperomia pellucida



Peperomia tetraphylla



Lindenbergia grandiflora



Lindenbergia muraria



Scoparia dulcis



Apluda mutica



Bothriochloa ischaemum



Cyrtococcum accrescens



Digitaria ciliaris



Echinochloa colona



Echinochloa crus-galli



Eleusine indica



Eragrostis uniolooides



Imperata cylindrica



Ischaemum rugosum



Neyraudia renaudiana



Oplismenus burmannii



Oryza rufipogon



Panicum dichotomiflorum



Paspalidium flavidum



Paspalum scrobiculatum



Pogonatherum panicum



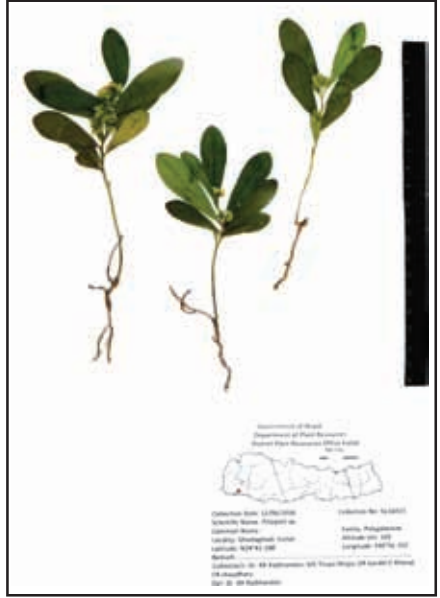
Sacciolepis indica



Sporobolus diander



Urochloa ramosa



Polygala crotalarioides



Persicaria barbata



Persicaria lapathifolia var *lanata*



Persicaria limbata



Polygonum plebejum



Ardisia solanacea



Maesa chisia



Clematis acuminata



Ziziphus mauritiana



Agrimonia pilosa var japonica f nepalensis



Catunaregam longispina



Galium elegans



Galium hirtiflorum



Hedyotis diffusa



Ophiorrhiza rugosa



Spermadictyon suaveolens



Boeninghausenia albiflora



Clausena kanpurensis



Casearia graveolens



Flacourtia indica



Schleicheria oleosa



Madhuca longifolia



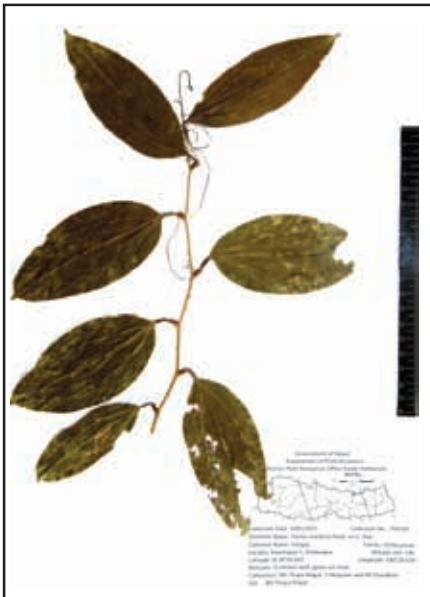
Bergenia pacumbis



Buddleia asiatica



Verbascum thapsus



Smilax ovalifolia



Nicotiana plumbaginifolia



Physalis minima



Solanum americanum subsp. nodiflorum



Solanum erianthum



Boehmeria densiflora var. penduliflora



Boehmeria platyphylla



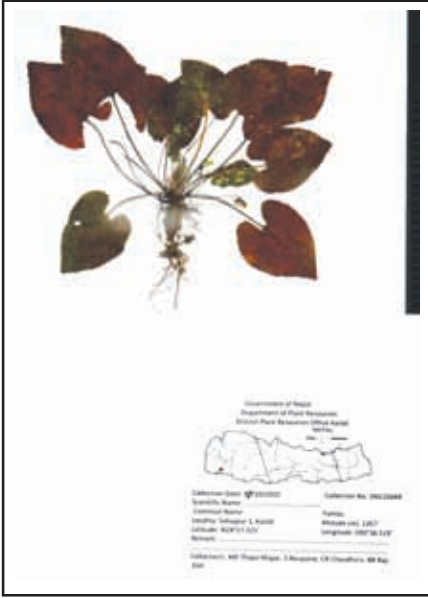
Gonostegia hirta



Phylla nodiflora



Vitex negundo



Viola betonicifolia



Leea aquata



Leea asiatica



Curcuma angustifolia

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<i>Conyza cinerea</i> L.	17	Cyathula prostrata (L.) Blume	11
Conyza japonica (Thunb.) Less.	17, 73	Cymbidium aloifolium (L.) Sw.	44
<i>Conyza lacera</i> Burm. f.	16	Cymbidium bicolor Lindl. subsp. obtusum Du Puy & Cribb	45
Conyza stricta Willd.	17	<i>Cymbidium nitidum</i> Wall. ex D. Don	44
Conyza sumatrensis (Retz.) E. Walker	17	Cymbopogon iwarancusa (Jones) Schult.	50
Coraliodiscus lanuginosus (Wall. ex R. Br.) B. L. Burt	35	Cymbopogon microtheca (Hook. f.) A. Camus	50
Corchorus aestuans L.	40, 80	Cymbopogon pendulus (Nees ex Steud.) W. Watson	50
Corchorus capsularis L.	40, 80	Cymbopogon pospischilii (K. Schum.) C. E. Hubb.	50
Corchorus olerius L.	40, 80	Cynodon dactylon (L.) Pers.	50
<i>Coreopsis biternata</i> Lour.	16	Cynoglossum furcatum Wall.	20, 74
Coriaria napalensis Wall.	24, 75	Cynoglossum glochidiatum Wall. ex Benth.	20
CORIARIACEAE	24, 75	Cynoglossum lanceolatum Forssk.	20
CORNACEAE	24	<i>Cynosurus aegyptius</i> L.	50
Cornus macrophylla Wall.	25	<i>Cynosurus indicus</i> L.	51
Cornus oblonga Wall.	25	CYPERACEAE	25, 76
COSTACEAE	25	Cyperus compactus Retz.	25, 76
<i>Costus speciosus</i> (J. Koenig) Sm.	25	Cyperus corymbosus Rottb.	25
<i>Cracca purpurea</i> L.	33	Cyperus cuspidatus Kunth	26
Craniotome furcata (Link) Kuntze	36	Cyperus cyperoides (L.) Kuntze	26
Crassocephalum crepidioides (Benth.) S. Moore	17	Cyperus difformis L.	26
<i>Crateva marmelos</i> L.	60	Cyperus digitatus Roxb.	26
<i>Crotalaria macrophylla</i> Willd.	32	Cyperus distans L. f.	26, 76
<i>Crotalaria sericea</i> Retz.	31	Cyperus esculentus L.	26
Crotalaria sessiliflora L.	31	<i>Cyperus flavidus</i> Retz.	27
Crotalaria spectabilis Roth	31	Cyperus iria L.	26, 76
Croton bonplandianus Baill.	29	Cyperus niveus Retz.	26, 76
<i>Croton philippense</i> Lam.	29	Cyperus nutans Vahl	26
Cryptochilus lutea Lindl.	44		
Cryptolepis buchananii Roem. & Schult.	12		
<i>Cucumis maderaspatana</i> L.	25		
CUCURBITACEAE	25, 75		

<i>Cyperus sanguinolentus</i> Vahl	27	<i>Didymocarpus lanuginosus</i> Wall. ex R.	
Cyperus squarrosus L.	26, 76	Br.	35
Cyperus tenuiculmis Boeck.	26	Digitaria abludens (Roem. & Schult.)	
Cyrtococcum accrescens (Trin.)		Veldkamp	51
Stapf	50, 83	Digitaria ciliaris (Retz.) Koeler	51, 83
Dactyloctenium aegyptium (L.)		Digitaria cruciata (Nees ex Steud.) A.	
Willd.	50	Camus	51
Dalbergia latifolia Roxb.	31, 78	Digitaria longiflora (Retz.) Pers.	51
Dalbergia sericea G. Don	31, 78	Digitaria radicata (J. Presl) Miq.	51
Dalbergia sissoo Roxb. ex DC.	31	Digitaria setigera Roth ex Roem. &	
Daphne bholua Buch.-Ham. ex D.		Schult.	51
Don	63	Digitaria stricta Roth ex Roem. &	
Datura metel L.	62	Schult.	51
Debregeasia saeneb (Forssk.) Hepper		Digitaria violascens Link	51
& J. R. I. Wood	63	Dillenia indica L.	27
Dendrobium denudans D. Don	45	DILLENIACEAE	27
Dendrobium eriiflorum Griff.	45	Dinetus racemosus (Roxb.) Buch.-	
Dendrobium heterocarpum Wall. ex		Ham. ex Sweet	24
Lindl.	45	Dioscorea belophylla (Prain) Voigt ex	
Dendrophthoe falcata (L. f.)		Haines	28
Ettingsh.	39	Dioscorea bulbifera L.	28
DENNSTAEDTIACEAE	3, 65	Dioscorea deltoidea Wall. ex Griseb.	28
Desmodium concinnum DC.	31	<i>Dioscorea nummularia</i> Lam. var.	
Desmodium elegans DC.	31	<i>belophylla</i> Prain	28
Desmodium gangeticum (L.) DC.	31, 78	Dioscorea pentaphylla L.	28
<i>Desmodium oxyphyllum</i> DC.	32	DIOSCOREACEAE	28
<i>Desmodium podocarpum</i> DC.	32	Diospyros montana Roxb.	28
Desmodium triflorum (L.) DC.	31	Diplazium esculentum (Retz.) Sw.	8, 69
Desmostachya bipinnata (L.) Stapf	50	<i>Diplazium fraxineum</i> D. Don	6
Dichanthium annulatum (Forssk.)		Diplazium maximum (D. Don) C.	
Stapf	50	Chr.	8, 69
Dichanthium glabrum (Roxb.) Jain &		Diplocyclos palmatus (L.) C.	
Deshpande	51	Jeffrey	25, 75
Dichanthium pertusum (L.) W. D.		Diploknema butyracea (Roxb.)	
Clayton	51	H. J. Lam	61
Dichrocephala benthamii C. B.		Dipsacus inermis Wall.	22, 74
Clarke	18, 73	DIPTEROCARPACEAE	28, 77
Dichrocephala integrifolia (L. f.) O.		Drepanostachyum falcatum (Nees)	
Kuntze	18	Keng f.	51
Dicliptera bupleuroides Nees	9, 70	<i>Drosera lunata</i> Buch.-Ham. ex DC.	28
Didymocarpus aromaticus Wall. ex D.		Drosera peltata Thunb.	28
Don	35	DROSERACEAE	28, 77

Drymaria cordata (L.) Willd. ex Roem. & Schult.	22	<i>Epidendrum tessellatum</i> Roxb.	47
Drymaria diandra Blume	22	Epilobium hirsutum L.	44
Drynaria propinqua (Wall. ex Mett.) J. Sm. ex Bedd.	5, 67	Epipactis helleborine (L.) Crantz	45
DRYOPTERIDACEAE	3, 65	Epipactis royleana Lindl.	45
Dryopteris cochleata (Buch.-Ham. ex D. Don) C. Chr.	3, 65	Epipactis veratrifolia Boiss. & Hohen.	45
<i>Dryopteris hirtisora</i> C. Chr.	2, 7	EQUISETACEAE	4
Dryopteris sparsa (D. Don) Kuntze	3, 66	Equisetum ramosissimum Desf.	4
Duabanga grandiflora (Roxb. ex DC.) Walp.	39	Eragrostiella nardoides (Trin.) Bor	52
Duhaldea cappa (DC.) A. Anderb. 18, 73		Eragrostis amabilis (L.) Wight & Arn. ex Nees	52
Dysphania ambrosioides (L.) Mosyakin & Clemants	12	Eragrostis atrovirens (Desf.) Trin. ex Steud.	52
EBENACEAE	28	Eragrostis japonica (Thunb.) Trin.	52
Echinochloa colona (L.) Link	51, 83	Eragrostis minor Host	52
Echinochloa crusgalli (L.) P. Beauv.	51, 83	<i>Eragrostis nardoides</i> Trin.	52
<i>Echites grandiflora</i> Roxb.	12	Eragrostis nigra Nees ex Steud.	52
<i>Echites pubescens</i> Buch.-Ham.	13	Eragrostis pilosa (L.) P. Beauv.	52
<i>Echites scholaris</i> L.	12	<i>Eragrostis tenella</i> (L.) P. Beauv. ex Roem. & Schult. var. <i>viscosa</i> (Retz.) Stapf	52
Eclipta prostrata (L.) L.	18, 73	Eragrostis tremula (Lam.) Hochst. ex Steud.	52
Ehretia laevis Roxb.	20, 74	Eragrostis unioloides (Retz.) Nees ex Steud.	52, 84
Eichhornia crassipes (Mart.) Solms	57	Eragrostis viscosa (Retz.) Trin.	52
Elatostema lineolatum Wight	63	Eranthemum pulchellum Andrews	9
Eleocharis congesta D. Don	26, 76	Eranthemum purpurascens Nees	9
Eleocharis dulcis (Burm. f.) Trin. ex Hensch.	26	Eria spicata (D. Don) Hand. Mazz.	45
Elephantopus scaber L.	18	<i>Erianthus fastigiatus</i> (Nees ex Steud.) Anderss.	52
Eleusine indica (L.) Gaertn.	51, 84	<i>Erianthus mollis</i> Griseb.	52
Elsholtzia stachyodes (Link) C. Y. Wu	36	ERICACEAE	28, 77
<i>Embllica officinalis</i> Gaertn.	30	<i>Erigeron alatum</i> D. Don	18
Emilia sonchifolia (L.) DC.	18	Erigeron bellidioides (Buch.-Ham. ex D. Don) Benth. ex C. B. Clarke	18
Engelhardia spicata Leschen. ex Blume	35	<i>Erigeron bonariensis</i> L.	17
Entada rheedei Spreng.	32	<i>Erigeron canadensis</i> L.	17
<i>Epidendrum aloifolium</i> L.	44	<i>Erigeron japonicum</i> Thunb.	17
<i>Epidendrum retusum</i> L.	46	Erigeron karvinskianus DC.	18, 73
		<i>Erigeron sumatrensis</i> Retz.	17
		Eriobotrya dubia (Lindl.) Decne.	58

Erioscirpus comosus (Wall.) Palla	26	Bubani	26, 76
<i>Eryum hirsutum</i> L.	34	Fimbristylis complanata (Retz.) Link	26
<i>Erythraea meyeri</i> Bunge	34	Fimbristylis dichotoma (L.) Vahl	26, 76
<i>Erythrina monosperma</i> Lam.	31	Fimbristylis falcata (Vahl) Kunth	27, 76
<i>Eugenia cerasoides</i> Roxb.	43	Fimbristylis littoralis Gaudich.	27, 76
<i>Eugenia formosa</i> Wall.	43	Fimbristylis ovata (Burm. f.) Kern	27
<i>Eugenia jambos</i> L.	43	Fimbristylis schoenoides (Retz.) Vahl	27
Eulalia fastigiata (Nees ex Steud.)		Fimbristylis squarrosa Vahl	27
Stapf ex Bor	52	Firmiana colorata (Roxb.) R. Br.	40
Eulalia leschenaultiana (Decne.)		Firmiana fulgens (Wall. ex Mast.)	
Ohwi	52	Corner	40
Eulalia mollis (Griseb.) Kuntze	52	Flacourtia indica (Burm. f.) Merr. de	
Eulaliopsis binata (Retz.) C. E.		Brutelle	61, 87
Hubb.	52	Flacourtia jangomas (Lour.) Raeusch.	61
Eulophia dabia (D. Don) Hochr.	45	Flemingia chappar Buch.-Ham. ex	
Eulophia herbacea Lindl.	45	Benth.	32, 78
Euonymus hamiltonianus Wall.	22	Flemingia macrophylla (Willd.) O.	
<i>Eupatorium adenophorum</i> Spreng.	16	Kuntze ex Merr.	32
Euphorbia heterophylla L.	29	Flemingia strobilifera (L.) Aiton	32, 78
Euphorbia hirta L.	29	Flueggea virosa (Willd.) Voigt subsp.	
Euphorbia prostrata Aiton	29	himalaica D. G. Long	29
Euphorbia thymifolia L.	29, 77	<i>Fragaria indica</i> Andrews	59
EUPHORBIACEAE	28, 77	Fraxinus floribunda Wall.	43
Eurya acuminata DC.	48	Fumaria indica (Hausskn.) Pugsley	47
Evolvulus alsinoides (L.) L.	24	Fumaria vaillantii Loisel.	47
Evolvulus nummularius (L.) L.	24, 75	<i>Fumaria vaillantii</i> Loisel. var. <i>indica</i>	
<i>Exacum alatum</i> Roth	34	Hausskn	47
Exacum tetragonum Roxb.	34	Galinsoga parviflora Cav.	18
FABACEAE	30, 78	Galinsoga quadriradiata Ruiz &	
FAGACEAE	34, 79	Pav.	18
Falconeria insignis Royle	29	Galium aparine L.	59
Ficus auriculata Lour.	42	Galium elegans Wall. ex Roxb.	59, 86
<i>Ficus cordifolia</i> Roxb.	42	Galium hirtiflorum Req. ex DC.	59, 86
Ficus heterophylla L. f.	42, 81	Garuga pinnata Roxb.	21
Ficus hispida L. f.	42	Gastrochilus calceolaris (Buch.-Ham.	
Ficus racemosa L.	42	ex Sm.) D. Don	45
Ficus rumphii Blume	42	<i>Gentiana chirayita</i> Roxb. ex	
Ficus sarmentosa Buch.-Ham. ex Sm.	42	Fleming	34
Ficus semicordata Buch.-Ham. ex Sm.	42	<i>Gentiana diffusa</i> Vahl	34
Ficus subincisa Buh.-Ham. ex Sm.	42	GENTIANACEAE	34, 79
Fimbristylis aestivalis (Retz.) Vahl	26	Geodorum densiflorum (Lam.) Schltr.	45
Fimbristylis bisumbellata (Forssk.)		GERANIACEAE	34, 79

Geranium nepalense Sweet	34, 79	Hedyotis auricularia L.	59
GESNERIACEAE	34, 79	Hedyotis diffusa Willd.	60, 86
Girardinia diversifolia (Link) Friis	63	<i>Hedysarum gangeticum</i> L.	31
<i>Glechoma hindostana</i> Roth	37	<i>Hedysarum glumaceum</i> Vahl	30
Globba racemosa Sm.	64	<i>Hedysarum lagopodioides</i> L.	33
Glochidion heyneanum (Wight & Arn.) Wight	29	<i>Hedysarum linifolium</i> L. f.	32
Glochidion nubigenum Hook. f.	29	<i>Hedysarum pictum</i> Jacq.	33
<i>Gmelina indica</i> Burm. f.	61	<i>Hedysarum pulchellum</i> L.	33
<i>Gnaphalium busua</i> Buch.-Ham. ex D. Don	16	<i>Hedysarum strobiliferum</i> L.	32
Gnaphalium polycaulon Pers.	18	<i>Hedysarum triflorum</i> L.	31
<i>Goldfussia acuminata</i> P. R. Shakya	10	<i>Hedysarum vaginale</i> L.	30
<i>Goldfussia pentstemonoides</i> Nees	10	Helicteres isora L.	40
<i>Gomphrena sessilis</i> L.	11	Heliotropium indicum L.	21
Gonostegia hirta (Blume ex Hassk.) Miq.	63, 88	Heliotropium strigosum Willd.	21, 74
Goodyera procera (Ker-Gawl.) Hook.	45	Hellenia speciosa (J. Koenig) Govaerts	25
Goodyera repens (L.) R. Br.	45	Helminthostachys zeylanica (L.) Hook.	5, 66
<i>Grammitis involuta</i> D. Don	5	Hemarthria compressa (L. f.) R. Br.	52
Grangea maderaspatana (L.) Poir.	18	Hemigraphis hirta (Vahl) T. Anders.	9, 70
<i>Gratiola ciliata</i> Colsm.	39	<i>Hemionitis esculenta</i> Retz.	8
Grewia asiatica L.	40	<i>Hemionitis prolifera</i> Retz.	8
Grewia disperma Rottb.	40	Hemiphragma heterophyllum Wall.	48
Grewia helicterifolia Wall. ex G. Don	40	<i>Herminium constrictum</i> Lindl.	46
<i>Grewia salviifolia</i> L. f.	24	Heteropanax fragrans (Roxb.) Seem.	14
Grewia serrulata DC.	40	Heteropogon contortus (L.) P. Beauv. ex Roem. & Schult.	53
GYMNOSPERMS	9, 70	Heynea trijuga Roxb. ex Sims	41, 81
<i>Gymnostyles anthemifolia</i> Juss.	19	<i>Hippia integrifolia</i> L. f.	18
<i>Gyноon heyneanum</i> Wight & Arn.	29	<i>Hippocratea arborea</i> Roxb.	23
<i>Gynura crepidioides</i> Benth.	17	Hiptage benghalensis (L.) Kurz	40, 80
Habenaria arietina Hook. f.	45	<i>Holarrhena antidysenterica</i> Roth	13
Habenaria commelinifolia (Roxb.) Wall. ex Lindl.	45	Holarrhena pubescens (Buch.-Ham.) Wall. ex G. Don	13, 71
<i>Habenaria edgeworthii</i> Hook. f. ex Collett	46	<i>Holcus pertusus</i> L.	99
<i>Habenaria goodyeroides</i> D. Don	46	Holmskioldia sanguinea Retz.	36, 79
Habenaria intermedia D. Don	45	Holostemma ada-kodien Schult.	13
<i>Habenaria triflora</i> D. Don	46	<i>Holosteum cordatum</i> L.	22
Haldina cordifolia (Willd. ex Roxb.) Ridsdale	59	<i>Hottonia indica</i> L.	48
<i>Hedera hainla</i> Buch.-Ham. ex D. Don	14	Houttuynia cordata Thunb.	61
		Hoya lanceolata Wall. ex D. Don	13

Huperzia hamiltonii (Spreng.) Trevis	4, 64	<i>Inula cappa</i> DC.	18
Huperzia pulcherrima (Wall. ex Hook. & Grev.) Pic. Serm. f. subulifolia (Wall. ex Hook. & Grev.) ined.	4, 64	<i>Inula indica</i> L.	19
Hydrilla verticillata (L. f.) C. Presl	35	<i>Inula vestita</i> Wall. ex DC.	19
HYDROCHARITACEAE	35	Iphigenia indica (L.) A Gray ex Kunth	23, 74
<i>Hydrocotyle asiatica</i> L.	12	Ipomoea aquatica Forssk.	24, 75
Hydrocotyle himalaica P. K. Mukh.	14	Ipomoea carnea Jacq. subsp. fistulosa (Mart. ex Choisy) D. F. Austin	24
Hydrocotyle javanica Thunb.	15	<i>Ipomoea fistulosa</i> Mart. ex Choisy	24
Hydrocotyle sibthorpioides Lam.	15	Isachne albens Trin.	53
Hydrolea zeylanica (L.) Vahl	35	Isachne globosa (Thunb.) Kuntze	53
HYDROLEACEAE	35	<i>Ischaemum paleaceum</i> Trin.	49
Hygroryza aristata (Retz.) Nees	53	Ischaemum rugosum Salisb.	53, 84
Hylodesmum podocarpum (DC.) H. Ohashi & R. R. Mill	32	Isodon coetsa (Buch.-Ham. ex D. Don) Kudo	36, 80
Hylodesmum podocarpum (DC.) H. Ohashi & R. R. Mill subsp. oxyphyllum (DC.) H. Ohashi & R. R. Mill	32	Isodon lophanthoides (Buch.-Ham. ex D. Don) H. Hara	36
Hymenodictyon orixense (Roxb.) Mabb.	60	Isolepis setacea (L.) R. Br.	27
HYPERICACEAE	35	Ixeris polycephala Cass.	18
Hypericum japonicum Thunb. ex Murray	35	Jasminum multiflorum (Burm. f.) Andrews	43
HYPOXIDACEAE	35, 79	Jasminum officinale L.	43
Hypoxis aurea Lour.	35	JUGLANDACEAE	35
<i>Hyptis stachyodes</i> Link	36	<i>Jussiaea adscendens</i> L.	44
<i>Hyssopus lophanthoides</i> Buch.-Ham. ex D. Don	36	Justicia adhatoda L.	9, 70
Ichnocarpus frutescens (L.) Aiton	13	<i>Justicia canescens</i> Lam.	9
Ilex excelsa (Wall.) Hook. f.	13	Justicia diffusa Willd.	9, 70
Impatiens scabrida DC.	20	<i>Justicia paniculata</i> Burm. f.	9
Imperata cylindrica (L.) Raeusch.	53, 84	<i>Justicia pectinata</i> L.	10
Indigofera cylindracea Graham ex Baker	32	Justicia simplex D. Don	9, 70
Indigofera hebeptala Baker forma glabra (Ali) H. Ohashi	32	<i>Justicia thyriformis</i> Hardw.	9
Indigofera heterantha Wall. ex Brandis	32	Kickxia incana (Wall.) Pennell	48
Indigofera linifolia (L. f.) Retz.	32	Kickxia ramosissima (Wall.) Janch.	48
Indopiptadenia oudhensis (Brandis) Brenan	32, 78	Kyllinga nemoralis (J. R. Forst. & G. Forst.) Dandy ex Hutch. & Dalziel	27, 77
		Lactuca dissecta D. Don	18
		Lactuca dolichophylla Kitam.	18
		<i>Lagerstroemia grandiflora</i> Roxb. ex DC.	39
		Lagerstroemia parviflora Roxb.	39, 80
		Laggera alata (D. Don) Sch.Bip. ex Oliv.	18

<i>Lagurus cylindricus</i> L.	53	Pennell	39
LAMIACEAE	35, 79	Lindernia antipoda (L.) Alston	39
Lantana camara L.	63	Lindernia ciliata (Colsm.) Pennell	39
<i>Lastrea cuspidata</i> Bedd.	8	Lindernia crustacea (L) F. Muell.	39
Lathyrus aphaca L.	32	LINDERNIACEAE	39
Lathyrus sativus L.	32	<i>Lobelia doniana</i> Skottsbo.	22
Lathyrus sphaericus Retz.	32	Lobelia heyneana Roem. & Schult.	21
Launaea procumbens {Roxb.)		<i>Lobelia pumila</i> Burm.f.	48
Ramayya & Rajagopal	18	Lobelia seguinii Lev. & Vaniot var.	
LAURACEAE	38	<i>doniana</i> (Skottsbo.) E. Wimm.	22, 74
<i>Laurus nacusua</i> D. Don	38	Lonicera quinquelocularis Hardw.	22
<i>Laurus tamala</i> Buch.-Ham.	38	Lophopetalum wightianum Arn.	22
<i>Lavandula carnososa</i> L. f.	36	LORANTHACEAE	39
LECYTHIDACEAE	38, 80	<i>Loranthus falcatus</i> L. f.	39
Leea aequata L.	64, 89	<i>Loranthus vestitus</i> Wall.	39
Leea asiatica (L.) C. E. Ridsdale	64, 89	Loxogramme involuta (D. Don) C.	
Leea guineensis G. Don	64	Presl	5
Leea macrophylla Roxb. ex Hornem.	64	Ludwigia adscendens (L.) H.	
Lemna perpusilla Torr.	14	Hara	44, 82
LENTIBULARIACEAE	38	Ludwigia octovalvis (Jacq.) P. H.	
Leonotis nepetifolia (L.) R. Br.	36	Raven	44, 82
Leonurus japonicus Houtt.	37	Ludwigia perennis L.	44
Lepidagathis incurva Buch.-Ham. ex		Ludwigia prostrata Roxb.	44
D. Don	9, 70	Luisia zeylanica Lindl.	46
Lepisorus nudus (Hook.) Ching	5	LYCOPODIACEAE	4, 66
Leptodermis kumaonensis R. Parker	60	<i>Lycopodium hamiltonii</i> Spreng.	4
Leucas cephalotes (Roth) Spreng.	37, 80	<i>Lycopodium reticulatum</i> Hook. &	
Leucas lanata Benth.	37, 80	Grev.	7
Leucas lavandulifolia Sm.	37	<i>Lycopodium involvens</i> Sw.	7
Ligustrum confusum Decne.	43	<i>Lycopodium subulifolium</i> Wall. ex	
Ligustrum nepalense Wall.	43	Hook. & Grev.	4
Limnophila indica (L.) Druce	48	LYGODIACEAE	4, 66
<i>Limodorum densiflorum</i> Lam.	45	Lygodium flexuosum (L.) Sw.	4, 66
LINACEAE	39, 80	Lygodium japonicum (Thunb.) Sw.	4, 66
<i>Linaria incana</i> Wall.	48	Lyonia ovalifolia (Wall.) Drude	28, 77
<i>Linaria ramosissima</i> Wall.	48	Lysimachia alternifolia Wall.	57
Lindenbergia grandiflora (Buch.-		<i>Lysimachia monnieri</i> L.	48
Ham. ex D. Don) Benth.	48, 83	LYTHRACEAE	39, 80
Lindenbergia muraria (Roxb. ex D.		<i>Lythrum furticosum</i> L.	40
Don) Bruehl	49, 83	Macaranga denticulata (Blume) Muel.	
Lindera nacusua (D. Don) Merr.	38	Arg.	29
Lindernia anagallis (Burm. f.)		Macaranga pustulata King ex	

Hook. f.	29	<i>Melissa umbrossa</i> M. Bieb.	36
Machilus duthiei King ex Hook. f.	38	<i>Melochia cordata</i> Burm. f.	41
Machilus odoratissimus Nees	38	MENISPERMACEAE	42
Madhuca longifolia (J. Koenig) J. Macbr.	61, 87	<i>Menispermum hirsutum</i> L.	42
Maesa chisia Buch.-Ham. ex D. Don	57, 86	Mentha spicata L.	37
Maesa macrophylla (Wall.) A. DC.	57	<i>Mentha stellata</i> Lour.	37
Malaxis acuminata D. Don	46	MENYANTHACEAE	42
<i>Malaxis ensiformis</i> Sm.	46	<i>Menyanthes hydrophylla</i> Lour.	42
Mallotus philippensis (Lam.) Muel. Arg.	29	<i>Menyanthes indica</i> L.	42
MALPIGHIACEAE	40, 80	<i>Mespilus crenulata</i> D. Don	59
Malva neglecta Wallr.	40	Microlepia speluncae (L.) T. Moore	3, 65
Malva parviflora L.	40	Micromeria biflora (Buch.-Ham. ex D. Don) Benth.	37
MALVACEAE	40, 80	Microsorium membranaceum (D. Don) Ching	5, 67
<i>Mappa denticulata</i> Blume	29	Microstegium ciliatum (Trin.) A. Camus	53
Mariscus sumatrensis (Retz.) T. Koyama	27	<i>Milium compressum</i> Sw.	49
Marsilea minuta L.	4, 66	<i>Milium globosum</i> Thunb.	53
MARSILEACEAE	4, 66	Millettia extensa (Benth.) Baker	32
Martynia annua L.	41, 81	Millettia pachycarpa Benth.	32
MARTYNIACEAE	41, 81	<i>Millingtonia dilleniifolia</i> Wall. ex Wight & Arn.	61
Maytenus rufa (Wall.) H. Hara	22	<i>Mimosa caesia</i> L.	30
<i>Mazus delavayi</i> Bonati	48	<i>Mimosa catechu</i> L. f.	30
Mazus pumilus (Burm. f.) van Steenis	48	<i>Mimosa concinna</i> Willd.	30
Mazus pumilus (Burm. f.) van Steenis var. delavayi (Bonati) T. L. Chin ex D. Y. Hong	48, 82	<i>Mimosa farnesiana</i> L.	30
<i>Meizotropis buteiformis</i> Voigt	31	Mimosa himalayana Gamble	32
<i>Melanthium indicum</i> L.	23	<i>Mimosa odoratissima</i> L. f.	30
Melastoma malabathricum L.	41	Mimosa pudica L.	33
Melastoma malabathricum L. var. normale (D. Don) R. C. Srivast.	41	<i>Mimulus nepalensis</i> Benth.	48
<i>Melastoma normale</i> D. Don	41	Mimulus tenellus var. nepalensis (Benth.) Tsoong ex Yang	48, 82
MELASTOMATACEAE	41, 81	Mirabilis jalapa L.	43
<i>Melia baccifera</i> Roth	41	Mnesithea granularis (L.) de Koenig & Sosef	53
MELIACEAE	41, 81	Monochoria hastata (L.) Solms	57
<i>Melica latifolia</i> Roxb. ex Hornem.	55	Monochoria vaginalis (Burm. f.) C. Presl ex Kunth	57
Meliosma dilleniifolia (Wall. ex Wight & Arn.) Walp.	60	MORACEAE	42, 81
		Mukia maderaspatana (L.) Roem.	25
		<i>Mulgedium macrorrhizum</i> Royle	17

Murdannia edulis (Stokes) Faden	23, 75	Nymphaea nouchali Burm. f.	43
Murdannia nudiflora (L.) Brenan	24	NYMPHAEACEAE	43
Murraya koenigii (L.) Spreng.	60	Nymphoides hydrophylla (Lour.) O.	
Myriactis nepalensis Less.	19	Kuntze	42
Myrica esculenta Buch.-Ham. ex D.		Nymphoides indica (L.) O. Kuntze	42
Don	43	Oberonia ensiformis (Sm.) Lindl.	46
<i>Myrica octandra</i> Buch.-Ham. ex D.		Oberonia falconeri Hook. f.	46
Don	28	<i>Oberonia orbicularis</i> Hook. f.	46
MYRICACEAE	43	Oberonia pachyrachis Rchb. f. ex	
<i>Myrobalanus bellirica</i> Gaertn.	23	Hook. f.	46
Myrsine africana L.	58	<i>Ocimum benghalensis</i> Burm. f.	37
<i>Myrsine capitellata</i> Wall.	58	Ocimum gratissimum L.	37
Myrsine semiserrata Wall. in Roxb.	58	<i>Ocotea attenuata</i> Nees	38
MYRTACEAE	43	<i>Ocotea lanceolata</i> Nees	38
<i>Myrtus cumini</i> L.	43	<i>Octomeria spicata</i> D. Don	45
Najas graminea Delile	35	Oenanthe javanica (Blume) DC.	12
<i>Nama zeylanica</i> L.	35	<i>Oenothera octovalvis</i> Jacq.	44
Nasturtium officinale R. Br.	21	Oenothera rosea L'Her. ex Aiton	44
<i>Nauclea cadamba</i> Roxb.	60	Oldenlandia corymbosa L.	60
<i>Nauclea cordifolia</i> Willd. ex Roxb.	59	OLEACEAE	43, 82
Nelsonia canescens (Lam.) Spreng.	9	ONAGRACEAE	44, 82
<i>Nelumbium speciosum</i> Willd.	43	Onychium siliculosum (Desv.) C.	
Nelumbo nucifera Gaertn.	43	Chr.	68
NELUMBONACEAE	43	OPHIOGLOSSACEAE	5, 66
Neolamarckia cadamba (Roxb.) B		<i>Ophioglossum flexuosum</i> L.	4
osser	60	<i>Ophioglossum japonicum</i> Thunb.	4
<i>Neottia procera</i> Ker-Gawl.	45	Ophioglossum reticulatum L.	5, 67
<i>Neottia sinensis</i> Pers.	47	Ophiorrhiza rugosa Wall.	60, 86
Nepeta hindostana (Roth) Haines	37	<i>Ophioxylon serpentinum</i> L.	13
<i>Nepeta indica</i> L.	36	Oplismenus burmanii (Retz.)	
<i>Nephradium canum</i> Bak.	7	P. Beauv.	53, 84
<i>Nephradium cochleatum</i> Buch.-Ham. ex		Oplismenus compositus (L.)	
D. Don	3	P. Beauv.	53
<i>Nephradium sparsum</i> D. Don	3	ORCHIDACEAE	44, 82
Nervilia aragoana Gaudich.	46	<i>Orchis commelinifolia</i> Roxb.	45
Neyraudia reynaudiana (Kunth) Keng		<i>Orchis strateumatica</i> L.	47
& A. S. Hitchc.	53, 84	Origanum vulgare L.	37
Nicandra physalodes (L.) Gaertn.	62	OROBANCHACEAE	47, 82
Nicotiana plumbaginifolia Viv.	62, 88	Orobanche aegyptiaca Pers.	47
<i>Niphobolus mannii</i> Giesenhagen	5	Oroxylum indicum (L.) Vent. ex Kurz	20
NYCTAGINACEAE	43, 82	Oryza nivara Sharma & Shastry	53
<i>Nyctanthes multiflora</i> Burm. f.	43	Oryza officinalis Wall. ex Watt	53

Oryza rufipogon Griff.	53, 84	Camus	54
Osbeckia stellata Ker Gawl.	41, 81	Paspalum distichum L.	54
<i>Osmunda zeylanica</i> L.	5	<i>Paspalum longiflorum</i> Retz.	51
Otochilus lancilabius Seidenf.	46	Paspalum scrobiculatum L.	54, 85
<i>Otosema extensa</i> Benth.	32	<i>Paullinia asiatica</i> L.	60
Ottelia alismoides (L.) Pers.	35	Pecteilis triflora (D. Don) Tang &	
OXALIDACEAE	47	Wang	46
Oxalis corniculata L.	47	Pedicularis bifida (Buch.-Ham. ex D.	
<i>Oxalis reinwardtii</i> Zucc.	47	Don) Pennell	47
<i>Oxalis sensitiva</i> L.	47	Pelatantheria insectifera (Rchb. f.)	
Oxystelma esculentum (L. f.) Sm.	13	Ridl.	46, 82
<i>Panax fragrans</i> Roxb.	14	<i>Peltanthera solanacea</i> Roth	13
<i>Panicum abludens</i> Roem. & Schult.	51	<i>Pennisetum flaccidum</i> Griseb.	50
<i>Panicum accrescens</i> Trin.	50	Pentanema indicum (L.) Ling	19
<i>Panicum bengalensis</i> Spreng.	49	Pentanema vestitum (Wall, ex DC.)	
<i>Panicum burmanii</i> Retz.	53	Ling	19
<i>Panicum ciliare</i> Retz.	51	PENTAPHYLACACEAE	48
<i>Panicum colonum</i> L.	51	Peperomia pellucida (L.) Kunth	48, 83
<i>Panicum compositum</i> L.	53	Peperomia tetraphylla (G. Forst.)	
<i>Panicum cruciatum</i> Nees ex Steud.	51	Hook. & Arn.	48, 83
<i>Panicum crusgalli</i> L.	51	<i>Peplis indica</i> Willd.	39
<i>Panicum dactylon</i> L.	50	Pergularia daemia (Forssk.) Chiov.	13
Panicum dichotomiflorum		<i>Perilepta auriculata</i> (Nees) Bremek.	10
Michx.	53, 84	<i>Periploca esculenta</i> L. f.	13
<i>Panicum flavidum</i> Retz.	54	Peristylus constrictus (Lindl.) Lindl	46
Panicum humile Nees ex Steud.	54	Peristylus densus (Lindl.) Santapau &	
Panicum notatum Retz.	54	Kalipada	46
<i>Panicum palmifolium</i> J. Koenig	54	Peristylus goodyeroides (D. Don)	
<i>Panicum radicosum</i> J. Presl	51	Lindl.	46
<i>Panicum ramosum</i> L.	55	Perotis hordeiformis Nees ex Hook. &	
Panicum repens L.	54	Arn.	54
Panicum sumatrense Roth ex Roem. &		Persicaria barbata (L.) H. Hara	56, 85
Schult.	54	Persicaria capitata (Buch.-Ham. ex D.	
<i>Panicum verticillatum</i> L.	55	Don) H. Gross	56
<i>Panicum villosum</i> Lam.	55	Persicaria chinensis (L.) H. Gross	56
PAPAVERACEAE	47	Persicaria glabra (Willd.) M. Gomez	56
Parochetus communis Buch.-Ham. ex		Persicaria hydropiper (L.) Spach	56
D. Don	33	Persicaria lapathifolia (L.) S. F. Gray	
Parthenium hysterophorus L.	19	var. <i>lanata</i> (Roxb.) H. Hara	56, 85
Parthenocissus semicordata (Wall. ex		Persicaria limbata (Meisn.)	
Roxb.) Planch	64	H. Hara	56, 85
Paspalidium flavidum (Retz.) A.		Persicaria microcephala (D. Don) H.	

Gross	56	Physalis minima L.	62, 88
Persicaria nepalensis (Meisn.) H.		<i>Phytolacca asiatica</i> L.	64
Gross	56	<i>Pieris ovalifolia</i> (Wall.) D. Don	28
Persicaria perfoliata (L.) H. Gross	56	PINACEAE	48
Persicaria posumbu (Buch.-Ham. ex		Pinus roxburghii Sarg.	48
D. Don) H. Gross	56	Piper peepuloides Roxb.	48
Persicaria praetermissa (Hook. f.) H.		<i>Piper pellucidum</i> L.	48
Hara	56	<i>Piper tetraphyllum</i> G. Forst.	48
Persicaria runcinata (Buch.-Ham. ex		PIPERACEAE	48, 83
D. Don) H. Gross	57	<i>Piptadenia oudhensis</i> Brandis	32
Persicaria tenella (Blume) H. Hara var.		<i>Pistacia oleosa</i> Lour.	61
kawagoeana (Makino) H. Hara	57	Pistia stratiotes L.	14
Persicaria viscosa (Buch.-Ham. ex D.		PLANTAGINACEAE	48, 83
Don) H. Gross ex T. Mori	57	Plantago erosa Wall.	49
Phalaenopsis taenialis (Lindl.) E. A.		Plantago lanceolata L.	49
Christenson & Pradhan	46	Platanthera edgeworthii (Hook. f. ex	
<i>Phalangium nepalense</i> Lindl.	15	Collett) R. K. Gupta	46
<i>Phalaris hispida</i> Thunb.	49	<i>Platanthera obcordata</i> Lindl.	44
Phalaris minor Retz.	54	<i>Plectranthus coetsa</i> Buch.-Ham. ex D.	
<i>Pharus aristatus</i> Retz.	53	Don	36
Phlogacanthus thyrsoformis (Hardw.)		<i>Pleopeltis nuda</i> Hook.	5
Mabb.	9, 70	<i>Poa amabilis</i> L.	52
<i>Phlomis cephalotes</i> Roth	37	Poa annua L.	54
<i>Phlomis nepetaefolia</i> L.	36	<i>Poa atrovirens</i> Desf.	52
Phoebe attenuata (Nees) Nees	38	<i>Poa japonica</i> Thunb.	52
Phoebe lanceolata (Nees) Nees	38	<i>Poa pilosa</i> L.	52
Phoenix acaulis Roxb.	15	<i>Poa tremula</i> Lam.	52
<i>Phoenix humilis</i> Royle ex Beccari &		<i>Poa unioloides</i> Retz.	52
Hook. f.	15	<i>Poa viscosa</i> Retz.	52
Phoenix loureiri Kunth	15	POACEAE	49, 83
Pholidota articulata Lindl.	46	Pogonatherum paniceum (Lam.)	
<i>Photinia dubia</i> Lindl.	58	Hack.	54, 85
Photinia integrifolia Lindl.	58	Pogostemon benghalensis (Burm. f.)	
PHRYMACEAE	48, 82	Kuntze	37
Phyla nodiflora (L.) Greene	63, 88	Pogostemon stellatus (Lour.) Kuntze	37
Phyllanthus emblica L.	30	<i>Pollinia ciliata</i> Trin.	53
Phyllanthus reticulatus Poir.	30	Polygala abyssinica R. Br. ex Fresen.	55
Phyllanthus urinaria L.	30, 78	Polygala crotalarioides Buch.-Ham. ex	
Phyllodium pulchellum (L.) Desv.	33	DC.	55, 85
Physalis angulata L.	62	Polygala persicariifolia DC.	55
Physalis divaricata D. Don	62	POLYGALACEAE	55, 85
<i>Physalis indica</i> Lam.	62	POLYGONACEAE	56, 85

<i>Polygonum barbatum</i> L.	56	<i>Pontederia crassipes</i> Mart.	57
<i>Polygonum capitatum</i> Buch.-Ham. ex D. Don	56	<i>Pontederia hastata</i> L.	57
<i>Polygonum chinense</i> L.	56	<i>Pontederia vaginalis</i> Burm. f.	57
<i>Polygonum glabrum</i> Willd.	56	PONTEDERIACEAE	57
<i>Polygonum hydropiper</i> L.	56	<i>Porana paniculata</i> Roxb.	24
<i>Polygonum kawagoeanum</i> Makino	57	<i>Porana racemosa</i> Roxb.	24
<i>Polygonum lanatum</i> Roxb.	56	Poranopsis paniculata (Roxb.) Roberty	24, 75
<i>Polygonum limbatum</i> Meisn.	56	Portulaca oleracea L.	57
<i>Polygonum microcephalum</i> D. Don	56	PORTULACACEAE	57
<i>Polygonum molle</i> D. Don	56	<i>Posoqueria longispina</i> Link	59
<i>Polygonum nepalense</i> Meisn.	56	Potamogeton crispus L.	57
<i>Polygonum perfoliatum</i> L.	56	POTAMOGETONACEAE	57
Polygonum plebeium R. Br.	57, 86	Potentilla indica (Andrews) Wolf	59
<i>Polygonum posumbu</i> Buch.-Ham. ex D. Don	56	Potentilla lineata Trev.	59
<i>Polygonum praetermissum</i> Hook. f.	56	Pothos chinensis (Raf.) Merr.	14, 72
<i>Polygonum runcinatum</i> Buch.-Ham. ex D. Don	57	<i>Pothos glaucus</i> Wall.	14
<i>Polygonum viscosum</i> Buch.-Ham. ex D. Don	57	<i>Pouzolzia hirta</i> Blume ex Hassk.	63
POLYPODIACEAE	5, 67	Premna barbata Wall. ex Schauer	37
Polypodioides lachnopus (Wall. ex Hook.) Ching	5, 67	Premna bengalensis C. B. Clarke	37
<i>Polypodium cordifolium</i> L.	4	<i>Prenanthes japonica</i> L.	20
<i>Polypodium dentatum</i> Forssk.	7	<i>Prenanthes procumbens</i> Roxb.	19
<i>Polypodium erubescens</i> Wall. ex Hook.	7	PRIMULACEAE	57, 86
<i>Polypodium flocculosum</i> D. Don	5	Prinsepia utilis Royle	59
<i>Polypodium lachnopus</i> Wall. ex Hook.	5	<i>Protasparagus racemosus</i> (Willd.) Oberm.	15
<i>Polypodium lebeufii</i> Bak.	7	Prunella vulgaris L.	37
<i>Polypodium membranaceum</i> D. Don	5	Prunus cerasoides D. Don	59
<i>Polypodium microstegium</i> Hook.	7	<i>Prunus paniculata</i> Thunb.	62
<i>Polypodium nudatum</i> Roxb.	7	Pseudocaryopteris bicolor (Roxb. ex Hardw.) P. D. Cantino	37
<i>Polypodium propinquum</i> Wall. ex Mett.	5	Pseudocaryopteris foetida (D. Don) P. D. Cantino	37
<i>Polypodium speluncae</i> L.	3	PTERIDACEAE	6, 67
<i>Polypodium tenerum</i> Roxb.	8	Pteridium revolutum (Blume) Nakai	3, 65
Polypogon fugax Nees ex Steud.	54	PTERIDOPHYTES	3, 65
Polypogon monspeliensis (L.) Desf.	54	<i>Pteris bicolor</i> Roxb.	6
Polystichum discretum (D. Don) J. Sm.	4, 66	Pteris cretica L. subsp. <i>laeta</i> (Wall. ex Ettingsh.) Fraser-Jenk.	6, 68
Polystichum squarrosus (D. Don) Fee	4, 66	<i>Pteris interrupta</i> Willd.	7
		<i>Pteris laeta</i> Wall. ex Ettingsh.	6

<i>Pteris matsudae</i> Masam.	6	Rhynchoglossum obliquum	
<i>Pteris revoluta</i> Blume	3	Blume	35, 79
<i>Pteris siliculosa</i> Desv.	6	Rhynchostylis retusa (L.) Bl.	46
Pteris venusta Kunze subsp. matsudae		Ricinus communis L.	30
(Masam.) Fraser-Jenk. & Kandel	6	Rorippa indica (L.) Hiern	21, 74
Pteris vittata L.	6	<i>Rorippa nasturtium aquaticum</i> (L.)	
Pterocarpus marsupium Roxb.	33	Hayek	21
Pueraria phaseoloides (Roxb.) Benth.	33	Rosa brunonii Lindl.	59
Pulicaria dysenterica Gaertn.	19	ROSACEAE	58, 86
Pycreus flavidus (Retz.) T.		<i>Roscoea gracilis</i> Sm.	64
Koyama	27, 77	Rotala indica (Willd.) Koehne	39
Pycreus sanguinolentus (Vahl) Nees ex		Rotala rotundifolia (Buch.-Ham. ex	
C. B. Clarke	27, 77	Roxb.) Koehne	39
Pyracantha crenulata (D. Don) M.		Rothea serrata (L.) Steane & Mabb.	37
Roem.	59	<i>Rotboellia compressa</i> L. f.	52
Pyrosia flocculosa (D. Don) Ching	5, 67	RUBIACEAE	59, 86
Pyrosia lanceolata (L.) Farwell	5	Rubus ellipticus Sm.	59
Pyrosia mannii (Giesenhagen) Ching	5	<i>Ruellia anagallis</i> Burm. f.	39
Pyrus pashia Buch.-Ham. ex D. Don	59	<i>Ruellia antipoda</i> L.	39
<i>Quercus incana</i> Roxb.	34	<i>Ruellia hirta</i> Vahl	9
Quercus lanata Sm.	34	Rumex hastatus D. Don	57
<i>Quercus lanuginosa</i> D. Don	34	Rumex nepalensis Spreng.	57
Quercus leucotrichophora A.		Rungia pectinata (L.) Nees	10
Camus	34, 79	<i>Ruta albiflora</i> Hook.	60
RANUNCULACEAE	58, 86	RUTACEAE	60, 87
Ranunculus diffusus DC.	58	Sabia paniculata Edgew.	61
Ranunculus scleratus L.	58	SABIACEAE	60
Rapanea capitellata (Wall.) Mez	58	Saccharum bengalense Retz.	54
Rauvolfia serpentina (L.) Benth. ex		<i>Saccharum panicum</i> Lam.	54
Kurz	13	Saccharum spontaneum L.	54
Reinwardtia indica Dumort.	39, 80	Sacciolepis indica (L.) Chase	54, 85
Reissantia arborea (Roxb.) H. Hara	23	<i>Saccolabium micranthum</i> Lindl.	47
RHAMNACEAE	58, 86	<i>Sagenia coadunata</i> J. Sm.	4
<i>Rhamnus filiformis</i> Roth ex Schult.	58	Sageretia filiformis (Roth ex Schult.)	
Rhamnus nepalensis (Wall.) M. A.		G. Don	58
Lawson	58	Sagittaria guyanensis Kunth subsp.	
Rhaphidophora glauca (Wall.)		lappula (D. Don) Bogin	11
Schott	14, 72	<i>Sagittaria lappula</i> D. Don	11
<i>Rhinanthus bifidus</i> Buch.-Ham. ex D.		Sagittaria sagittifolia L. subsp.	
Don	47	leucopetala (Miq.) Hartog	11
Rhododendron arboreum Sm.	28	<i>Sagittaria sagittifolia</i> L. var.	
<i>Rhus saeneb</i> Forssk.	63	<i>leucopetala</i> Miq.	11

SALICACEAE	61, 87	Spring	7
Salvia lanata Roxb.	38	SELAGINELLACEAE	7, 68
Salvia plebeia R. Br.	38	Semecarpus anacardium L. f.	12
SALVINIACEAE	7, 68	Senecio nudicaulis Buch.-Ham. ex D.	
SAPINDACEAE	61, 87	Don	19
<i>Sapium baccatum</i> Roxb.	29	Senna floribunda (Cav.) H. S. Irwin &	
<i>Sapium insigne</i> (Royle) Benth. ex		Barneby	33
Hook. f.	29	Senna occidentalis (L.) Link	33
SAPOTACEAE	61, 87	Senna tora (L.) Roxb.	33, 78
<i>Sarcanthus insectifer</i> Rchb. f.	46	<i>Serapias helleborine</i> L.	45
Sarcococca saligna (D. Don) Mueller	21	<i>Serapias helleborine</i> L. var. <i>longifolia</i>	
Satyrium nepalense D. Don	46, 82	L.	44
<i>Satyrium repens</i> L.	45	<i>Serpicula verticillata</i> L. f.	35
Saurauia napaulensis DC.	10	<i>Serratula arvensis</i> L.	17
SAURURACEAE	61	Setaria intermedia Roth ex Roem. &	
<i>Saxifraga pacumbis</i> Buch.-Ham. ex D.		Schult.	54
Don	61	Setaria palmifolia (J. Koenig) Stapf	54
SAXIFRAGACEAE	61, 87	Setaria parviflora (Poir.) Kerguelen	55
Schleichera oleosa (Lour.) Oken	61, 87	Setaria verticillata (L.) P. Beauv.	55
Schoenoplectus juncooides (Roxb.)		Shorea robusta Roxb. ex	
Palla	27, 77	Gaertn. f.	28, 77
Schoenoplectus mucronatus (L.)		Sida acuta Burm. f.	41
Palla	27	Sida cordata (Burm. f.) Borss.	
<i>Scirpus aestivalis</i> Retz.	26	Waalk.	41, 81
<i>Scirpus barbatus</i> Rottb.	25	Sida cordifolia Wight & Arn.	41, 81
<i>Scirpus bisumbellatus</i> Forssk.	26	<i>Sida indica</i> L.	40
<i>Scirpus complanatus</i> Retz.	26	Sida orientalis Cav.	41, 81
<i>Scirpus cyperoides</i> L.	26	Sigesbeckia orientalis L.	19
<i>Scirpus densus</i> Wall.	25	<i>Siphonanthus indica</i> L.	36
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