



A CHECKLIST OF WETLAND FLORA REPORTED FROM NEPAL



Government of Nepal
Ministry of Forests and Environment
Department of Plant Resources
Thapathali, Kathmandu

Madhu Devi Ghimire
Kalpana Sharma (Dhakal)
Dammar Singh Saud



Flower of *Nelumbo nucifera* for selling in local market at Gadimai Bara



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2020

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Azolla pinnata, Limnophila sessiliflora, Nymphoides indica,

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DEPARTMENT OF PLANT RESOURCES



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Nepal is rich in wetlands as it covers around 5.57 % of the total area of Nepal. Wetlands of Nepal are distributed in different ecological regions across the country. Wetland is one of the most important ecosystem which provide habitat for many rare, endemic, threatened flora and fauna. It has environmental, ecological, economical and social value as well.



Department of Plant Resources under the Ministry of Forests and Environment was established in 2016 B.S. with the aim of exploration, collection, identification, documentation, conservation and sustainable utilization of plant Resources. As a part of Departmental work, exploration, collection, identification, documentation of wetland flora has been done for the conservation, sustainable utilization of the resources and dissemination of knowledge. Feeling the gap on integrated information and documentation of wetland flora, this book entitled " **A Checklist of Wetland Flora Reported from Nepal**" could be milestone for students, scientific community, policy makers, local community and conservationists and environmentalists.

I would like to thank Biodiversity and CITES section team of this Department Ms. Madhu Devi Ghimire, Scientific officer; Ms. Kalpana Sharma (Dhakal), Assistant Scientific officer and Mr. Dammar Singh Saud, Assistant Botanist for their intensive work to prepare this manuscript. Similarly, I would like to thank Deputy Director General Mr. Keshav Kumar Neupane and Mr. Mohan Dev Joshi for their valuable inputs and suggestions to bring this publication. I also like to thank C.N.N. Offset Press, Tinthana, Kathmandu for page designing and printing. At last but not least, I like to thank all the contributors who support directly and indirectly to publish this document.

Dhananjaya Paudyal
Director-General

PREFACE

Department of Plant Resources (DPR) has been exploring the plants resources since its establishment and had published many books on the Nepalese flora. The scientific information collection on flora including aquatic plants of Nepal seems to be from the early botanical exploration in Nepal which was carried by Francis Buchanan Hamilton(1802-1803) and Nathaniel Wallich (1820-1821). *Annotated checklist of flowering Plants of Nepal*' by Press et al (2000) had listed 69 aquatic flowering plants. Though those efforts on past, floral information on wetland plants has been scattered. A compile document of wetland flora is needed for all interested and professionals.

This book is an attempt to compile the primary and secondary information on wetland plants by Government agencies, academia, individuals and other organizations. The secondary data was based on published articles and books on wetland flora of Nepal. Flora found in wetlands of three different physiographic zones of Nepal, viz. High Mountains, Middle Mountains and Lowland Terai were collected from secondary literature as well as from field visit done from DPR during different seasons (2012-2020).

This book includes a total of 711 species under 382 genera in 112 families which comprises about 12 % of total vascular flora of Nepal. Among them 3 species under 3 genera in 2 families are Bryophytes; 25 species under 16 genera in 11 families are Pteridophytes and 683 species under 363 genera in 99 families are angiosperms. Among these angiospermic wetland species 371 species 248 genera in 74 families are Dicots and remaining 312 species, 115 genera in 25 families are monocots. Among the 683 angiospermic wetland plants 576 species are herb; 55 species are shrub; 36 species are tree and 16 species are climber. Out of them, 14 species are endemic to

Nepal (Table 1) and 70 species are alien (Table 2) including 23 invasive species. Thus this book gives the overview of wetland plants of Nepal which will be helpful to the students, researchers, conservationist, environmentalist, policy maker, farmers and other stakeholders related to wetlands.

Ferns and Fern-allies of Nepal volume I, II and III were followed for the nomenclature of Pteridophytes. The Angiospermic families were arranged in alphabetical order following the Angiosperm Phylogeny Group (APG) version IV (Byng et al., 2016) system of classification. "Catalogue of Life: 2019 Annual Checklist" were followed for the nomenclature of angiosperms. The accepted name of the plant is given in bold and italics with author citation. The general distribution of the species, growth form and habitat were also mentioned.

The book has two parts: Part- I provides general information on wetlands in Nepal, wetland plants, the importance of wetland and their threats. Part II consists of checklist of wetland plants reported from Nepal.

The authors are sincerely grateful to Mr Dhananjaya Paudyal, the Director General of DPR; Mr. Keshav Kumar Neupane and Mr. Mohan Dev Joshi, Deputy Director General, of DPR for their inspiration and guidance to publish this book. We are thankful to Dhan Raj Kandel, Research Officer for providing the latest checklist of aquatic Pteridophytes of Nepal. We acknowledge the authors of the books and articles consulted and referred in this publication.

Authors

Abbreviation

AFU	: Agriculture and Forestry University
APG	: Angiosperm Phylogeny Group
CBOs	: Community Based Organizations
CDB	: Central Department of Botany
CDES	: Central Department of Environmental Science
CDZ	: Central Department of Zoology
CEPA	: Communication, capacity building, education, participation and awareness
CITES	: Convention on International Trade in Endangered Species of Wild Fauna and Flora
CSUWN	: Conservation and Sustainable Use of Wetlands in Nepal
DoFD	: Directorate of Fisheries Development
DPR	: Department of Plant Resources
GoN	: Government of Nepal
IAAS	: Institute of Agriculture and Animal Science
ICIMOD	: International Centre for Integrated Mountain Development
IoF	: Institute of Forestry
IUCN	: International Union for Conservation of Nature
KU	: Kathmandu University
MoAD	: Ministry of Agricultural Development
MoFE	: Ministry of Forests and Environment
NBSAP	: National Biodiversity Strategy and Action Plan
NGOs	: Non-governmental organizations
NTFPs	: Non-timber forest products
NWP	: National Wetland Policy
PU	: Pokhara University
TU	: Tribhuvan University
UN	: United Nations
UNDP	: United Nations Development Programme
WWF	: World Wide Fund for Nature

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Part-I

Introduction

1.1 Background

Wetland is the interface between terrestrial and aquatic communities which is the most productive ecosystem on the earth. Wetlands are multifunctional resources generating considerable social welfare (Costanza et al., 1997). They provide many important services to human society, but are at the same time ecologically sensitive and adaptive systems (Turner et al., 2000). Wetlands are highly productive ecosystems supporting rich biological communities of high economic value and generating a wide range of ecological goods and services as well as income-generating opportunities to the wetland dependent population. That is why, an understanding “Ramsar Convention” was made on 2 Feb 1971 for the conservation and sustainable use of wetland resources. Ramsar Convention declares wetlands as Ramsar Sites by highlighting their biological, ecological, social and cultural values.

Generally, wetland means land area that permanently or seasonally saturated with water. According to Ramsar Convention, there are 42 types of wetlands, which can be found around the globe but in Nepalese context only 6 types of wetlands namely river, lakes, pond, reservoir, marginal swamps and irrigated paddy fields are defined. National Wetlands Policy (NWP 2003) of Nepal defines wetlands as “perennial water bodies that originate from underground sources of water or rainfall. It means swampy areas with flowing or stagnant fresh or salt water that is natural or man-made, or permanent or temporary. Wetlands also mean marshy lands, riverine floodplains,

lakes, ponds, water storage areas and agricultural lands."

In Nepal, wetland covers approximately 5.57%, which are categorically river 48.2%, lakes 0.6%, reservoirs 0.2%, pond 0.9 %, marginal swamps 1.5% and irrigated field 48.6% (DoFD 2012). Nepal's wetlands are found to be distributed from Terai, Midhills and High Himalaya. Bhujū et al, 2009 has listed 5,358 lakes which were distributed altitude wise as 2,712 lakes (51%) are distributed below 500 m., and 2,227 (42%) above 3,000 m. Only 419 lakes (<8%) are in the mid hills of altitudinal range between 500 m. and 2,999 m. Nepal represent only freshwater wetlands. As a parties to Ramsar convention, Nepal committed to safeguard her wetlands resources and declared 10 Ramsar sites of global importance covering 60,561 ha of land. Out of 10 Ramsar sites of Nepal, six sites are located within protected areas. The National Wetland Policy (2003) and its revisions (2012), Nepal national biodiversity strategy and action plan (GoN/MoFSC 2014), National Ramsar Strategy and Action Plan, Nepal (2018-2024) emphasized the need on conservation and wise use of wetlands and wetland resources.

1.2 Wetland Plants

Wetland plants are those plants that normally grow in or on the water or where soils are flooded or saturated long enough for anaerobic condition to develop in the root zone (Cronk & Fennessy, 2009). They are also known as hydrophytes. Thousands of plant species grow in wetlands, ranging from algae, mosses and grass, herb to shrub and trees. The richness of plant species in aquatic and wetland habitats is relatively low compared with most terrestrial communities (Richardson and Vymazal, 2001). Most are rooted, but a few species float freely in the water. There are 318 wetland dependent plant species in Tarai region of Nepal which include 6 climbers, 287 herb, 9 shrub and 16 tree species (Siwakoti, 2006).

Wetland plants are found to be categorized as aquatic and riparian. Those plants which are found within the water body are grouped as aquatic. Aquatic plants is again categorized according to their growth form as; 1. Submerged: Rooted or Floating plants growing under water, 2. Rooted Floating Leaved: Plants containing anchoring root on the surface of soil and leaves are floating on the water surface, 3. Free Floating: Plants floating on water surface without any attachment to the sediment, 4. Emergent: Plants

with projecting main photosynthetic part (Stem, leaves) above the water surface, while keeping their roots beneath the surface.

Those plants which are found around the periphery of water body as well as in marshy and wet area are grouped as Riparian. Riparian vegetation grows along banks of a waterway extending to the edge of the floodplain (also known as fringing vegetation). This includes ground cover plants, shrubs and trees within the riparian zone.

1.3 Characteristics of Wetlands

- Occupy a transitional zone
- Diversity of varies according to origin, geographical location, water regime and chemistry, dominant flora and soil or sediment characteristics
- Sustainability of wetlands depend largely on the dynamics of water supply and loss
- The ecosystem function of wetland is dependent on its biogeochemical process

1.4 Importance of Wetlands

Wetlands are important to maintain ecosystem services to local communities in many ways and are one of the most productive ecosystems with important ecological, cultural and economic significances and are instrumental for health, welfare, safety and the sustainability of both the ecosystem and communities. These are the major podium for most of rural communities, for example 10% of ethnic communities, depended on wetlands resources for the subsistence in Nepal (IUCN, 2004). In detail the services can be categorized into major five heads:

1.4a Species diversity

Wetlands in Nepal also play a significant role in conservation of floral diversity. About 25 percent of Nepal's vascular plants are believed to be wholly or significantly dependent on wetlands and 26 endemic species of flowering plants are so dependent. Nepal's wetlands also hold several species of wild cultivars and wild relatives of cultivated crops, including five species of wild rice, namely *Oryza nivara*, *Oryza granulata*, *Oryza*

officinalis, *Oryza sativa* and *Oryza rufipogon*, and two species of wild relatives of rice, namely *Hygrorhiza aristata* and *Leersia hexandra* (CSUWN, 2010).

1.4b Provisioning services

Wetlands are sources of food, fuel, fresh water and genetic resources. Over 85% of Nepal's agrarian communities relies on wetlands resources for food; fodder; fiber; folk medicine; navigation; fishery; mine; gene etc. Irrigated paddy fields are the major source of staple food (MoAD, 2017). Sustainable management enhances wetland's productivity and improve supply of timber; medicinal plants; fodder; and stems and leaves for weaving materials. We obtain most of food from wetland such as fish, vegetable like: *Ipomoea aquatica*, *Nasturtium officinale*, *Amaranthus viridis*, *Trapa natans*, *Nelumbo nucifera*, *Euryale ferox*, *Commelina benghalensis*, *Diplazium esculentum* etc.

1.4c Supporting services

Supporting services comprise ecosystem services necessary for maintenance of ecosystem integrity, functioning, and resilience and for the production of all other ecosystem services. This include basic ecosystem processes of nutrient cycling, soil formation, provide habitat for waterbirds, aquatic life.

1.4d Cultural services

Wetlands deliver significant non-material benefits such as cultural, spiritual, aesthetic, and educational values. They also provide opportunities for recreation and tourism. Wetlands are the divine factor in all religious-cultural sectors like Hinduism, Buddhism, Muslim etc. in Nepal. Water bodies are the abode of the God Barun in the Hinduism. Ponds, lakes, and rivers are the backbone of the Mithila culture, and Chhat puja (devote to the Sun). Many water bodies are holy and pilgrimage centers for the Hindu and Buddhist. Further, they have aesthetic/ecotourism, spiritual, recreational, inspirational, and educational values. It has inspired art and literature and contributed to the development of human knowledge. These non-material benefits remain non-quantifiable.

1.4e Regulatory services

Wetlands regulate several important ecosystem processes. Three regulating services are globally significant (Greeson et al. 1979), namely water quality improvement, flood abatement, and carbon management. Wetlands purify water (which is why they are often called ‘nature’s kidneys’) through storing nutrients and other pollutants in their soils and vegetation, and trapping sediments (Ramsar 2009c). In particular, nutrients such as phosphorus and nitrogen (as nitrate NO₃⁻), commonly associated with agricultural runoff and sewage effluent, are removed or significantly reduced by wetlands (Fisher and Acreman 1999; Tanner and Sukias 2011). Wetlands help controlling soil erosion and sediment transport thereby contribute to land formation and increase resilience to storms.

1.5 Ramsar Sites of Nepal

Nepal showed its conservation commitment by signing the Ramsar Convention on April 17, 1988. The Koshi Tappu wetland is the first wetland which was added to the Ramsar list of wetlands of global importance on December 17, 1987. Ramsar sites of Nepal are listed as below.

S.N.	Ramsar Sites	Area (ha)	Region	Attitude (m)	Degination Date
1.	KoshiTappu	17500	Terai	90	17-12-1987
2.	Jagadishpur Reservoir	225	Terai	195	13-08-2003
3.	Ghodaghodi Lake Area	2,563	Terai	205	13-08-2003
4.	Beeshazari and Associated Lakes	3,200	Terai	285	13-08-2003
5.	Rara Lake	1,583	Himal	2990	23-09-2007
6.	Phoksundo Lake	494	Himal	3610	23-09-2007
7.	Gosaikunda and Associated Lakes	1,030	Himal	4700	23-09-2007
8.	Gokyo and Associated Lakes	7,770	Himal	5000	23-09-2007
9.	Mai Pokhari	90	Midhill	2100	20-10-2008
10.	Lake cluster of Pokhara (9-lakes)	26106	Midhill	827	02-02-2016

Source : <https://www.ramsar.org/wetland/nepal>

1.6 Threats on Wetland

Despite their rich biodiversity, socio-economic and culture values, wetlands are under immense pressure due to anthropogenic forces and climate change. In Nepal natural wetlands are under high threat due to degradation and loss by eutrophication, over-fishing, widespread mining of gravels and sands, pollution, over exploitation of timber and NTFPs and encroachment of invasive species. Major threats on wetlands can be described as below:

1.6a Drainage of wetland

Draining of wetlands to make space for agriculture or construction work is one of the biggest threats to such areas. Widespread mining of gravels and sands, over exploitation of timber and NTFPs to serve the people's need and greed cause the draining of wetlands. Such activities destroy the wetlands ecosystem and deprive us of the benefits derived from the wetlands.

1.6b Encroachment of invasive species

Invasive alien species affect native species mainly through predation, competition and habitat modification (McGeoch et al., 2010). Invasion of water hyacinth (*Eichhornia crassipes*) and Water Lettuce (*Pistia stratiotes*) are the major threat to tropical and sub-tropical wetlands. These plants grow fast and soon covers the entire water surface. The substantial reduction in light and air (oxygen) reaching below the surface due to its invasion affects aquatic life. Similarly, *Ipomoea carnea*, *Mikania micranth*, *Alternanthera philoxeroides*, *Xanthium strumarium* are also becoming more abundant around wetlands, thereby affecting habitats of wetland dependent flora and fauna.

1.6c Water pollution

The polluted water that washes into wetlands gets purified as it leaves the wetland. The pollutants either sediment out at the bottom of the wetland or are absorbed in the form of nutrients by plants growing in such habitats. Often, wetlands are treated as the

dumping grounds where industrial effluents, household wastes or sewage is released. High pollution rates in such wetlands kill off the flora and fauna and thus destroy the wetland ecosystem.

1.6d Effect of climate change

Wetlands are also suffering from climate change-induced alterations in the environment. Increase in temperatures are triggering droughts consequently drying wetlands.

1.6e Construction and development activities

The construction of a dam alter the natural flow of a river to meet human needs and create great disturbances in the ecosystems dependent on the river. Wetland areas like swamps, marshes, etc., might suffer from a lower or a higher flow of water than normal due to the construction of dams. Similarly, extension of urban areas, road construction activities are accelerating the loss of wetlands ecosystem.

1.7 Wetlands Conservation Efforts in Nepal

Wetlands are considered as one of the most vulnerable ecosystem providing various services to human being. Thus for the conservation of this ecosystem, Nepal has done different efforts. Following are some of the initiatives and commitments for the conservation and wise use of wetland diversity.

1.7a International initiatives

Nepal is signatory to various biodiversity conservation international treaties and conventions.

- Ramsar Convention 1971,
- United Nation (UN) Convention on Biological Diversity 1992,
- UN Framework Convention on Climate Change 1992,

- UN Convention to Combat Desertification 1992,
- Regional Ramsar centres promote scientific and technical cooperation and exchange of knowledge in their region,
- Ramsar networks for regional cooperation provide a platform for collaboration between governments, technical experts, international NGOs, local communities and private companies,
- The Ramsar Wetland Conservation Award was established in 1996 promoting the conservation and wise use of wetlands.
- The Convention on Wetlands Program on communication, capacity building, education, participation and awareness (CEPA), was adopted.

1.7b National initiatives

Based on national interest and international commitments, Nepal has developed policies, plans, acts, regulations and directives and the formation of relevant committees.

- The Constitution of Nepal 2015 (Appendix V) has stated that wetland is a subject matter of federal government,
- Nature Conservation National Strategic Framework for Sustainable Development 2015- 2030,
- Wetland Policy 2012,
- National Forest Policy 2018,
- National Parks and Wildlife Conservation Act 1973,
- Forest Act 2019,
- Environment Protection Act 2019,
- Local government operation Act 2017,
- Watershed Act 1982,

- Electricity Act 1992,
- Water Resource Act 1992,
- 15th Periodic Plan (2019/20-2024/25),
- National Ramsar Strategy and Action Plan, Nepal (2018-2024),
- National Environment Policy 2019,
- Forestry Sector Strategy (2016-2025),
- Climate change policy 2019,
- The National Biodiversity Strategy and Action Plan (NBSAP)-2014-2020 has recognized wetland ecosystems as one of the most important areas of biodiversity.
- Industrial waste water quality standard 2012

1.7c Others

- Projects and programs for the conservation and wise use of wetlands biodiversity are implemented by Federal, Province and Local Level Government, CBOs, Private Sectors, UNDP, IUCN, ICIMOD, WWF Nepal etc.
- Formulation and implementation of wetland management plans for Ramsar sites of Nepal.
- Quantitative and qualitative assessment of water quality as well as biodiversity of some of the wetlands have been conducted by academic institutions.
- Courses related to biodiversity and environmental conservation and management have been conducting in academic institutions – TU (CDB, CDZ, CDES, IAAS, IoF), KU, AFU, PU etc.
- Celebration of World Environment day (June 5), Biodiversity day (May 22), Wetland day (February 02), International Mountain Day (December 11), Plant Resources day (Chaitra 29) etc.

- Various awareness and extension programs including campaigns, community education and extension programs, celebrations, audio/ visual programs, conservation boards with conservation messages and street dramas are organized at local levels to create awareness on conservation issues among the local communities.
- Wetland Education Centre, training and interaction program for conservation, wise use and management of the wetland diversity at local level.

Part-II

Checklist of Wetland plants reported from Nepal

(* = Endemic species, # = Alien species, W = West, C = Central, E = East)

BRYOPHYTES

Ricciaceae

Riccia fluitans L.

Distribution: WCE Nepal; 200 -1500 m.

Growth form: Free floating

Ricciocarpos natans (L.) Corda

Distribution: W Nepal; 200 -1500 m.

Growth form: Free floating

Sphagnaceae

**Sphagnum nepalense* H. Suzuki

Distribution: E Nepal; 2100 m.

Growth form: Emergent

Habitat: Boggy place

PTERIDOPHYTES

Dennstaedtiaceae

Microlepia setosa (Sm.) Alston

Distribution: CE Nepal; 460 -2000 m.

Growth form: Emergent

Habitat: Wet or marshy place

Microlepia spelunca (L.) Moore

Distribution: WCE Nepal; 160 -1200 m.

Growth form: Emergent

Habitat: Wet or marshy place

Equisetaceae

Equisetum arvense L. subsp. *diffusum* (D. Don) Fraser-Jenk

Distribution: WCE Nepal; 70 -3050 m.

Growth form: Emergent

Habitat: Wet place

Equisetum ramosissimum Desf.

Distribution: WCE Nepal; 65 -3500 m.

Growth form: Emergent

Habitat: Wet or marshy place

Isoetaceae

Isoetes coromandelina L. f. subsp. *coromandelina*

Distribution: E Nepal; 200 m.

Growth form: Emergent

Lycopodiaceae

Lycopodiella cernua (L.) Pic. Serm.

Distribution: WCE Nepal; 450 -2500 m.

Growth form: Creeping

Habitat: Wet or marshy place

Lygodiaceae

Lygodium flexuosum (L.) Sw.

Distribution: WCE Nepal; 200 -2400 m.

Growth form: Climber

Habitat: Wet or marshy place

Lygodium japonicum (Thum.) Sw.

Distribution: WCE Nepal; 180 -1600 m.

Growth form: Climber

Habitat: Wet place

Marsileaceae

Marsilea minuta L.

Distribution: WCE Nepal; 80 - 1300 m.

Growth form: Rooted Floating

Leaved/Emergent

Polypodiaceae

Leptochilus decurrens Blume subsp.

hemionitideus (C. Presl) Fraser-Jenk.

Distribution: CE Nepal 1524 m.

Growth form: Emergent

Habitat: Damp place

Leptochilus pedunculatus (Hook.

& Grev.) Fraser-Jenk.

Distribution: C Nepal 550 m.

Growth form: Emergent

Habitat: Damp place

Leptochilus pteropus (Bl.) Fraser-Jenk.

subsp. pteropus

Distribution: C Nepal 450 m.

Growth form: Submerged

Pteridaceae

Adiantum philippense L. subsp.

philippense

Distribution: WCE Nepal; 85 -1700 m.

Growth form: Emergent

Habitat: Wet /Marshy place

Ceratopteris thalictroides (L.) Brongn.

subsp. *gaudichaudii* (Brongn.) Fraser-

Jenkins & Pariyar

Distribution: WCE Nepal 150-1000 m.

Growth form: Emergent

Habitat: Marshy place

Ceratopteris thalictroides (L.) Brongn.

subsp. *thalictroides*

Distribution: C Nepal 100-1800 m.

Growth form: Emergent

Habitat: Marshy place

Onychium siliculosum (Desv.) C. Chr.

Distribution: WCE Nepal; 450 -1200 m.

Growth form: Emergent

Habitat: Wet or marshy place

Pteris biaurita L.

Distribution: WCE Nepal; 180 -1300 m.

Growth form: Emergent

Habitat: Wet /Marshy place

Salviniaceae

Azolla filiculoides Lam. subsp. *filiculoides*

Distribution: WCE Nepal; 100 – 150 m.
Growth form: Free floating

Azolla pinnata R. Br. subsp. *asiatica* R. M. K. Saunders & K. Fowler

Distribution: W C E Nepal; 100 - 1600 m.
Growth form: Free floating

Salvinia molesta D. S. Mitch.

Distribution: E Nepal
Growth form: Free floating

Salvinia natans L.

Distribution: E Nepal; 100 - 1600 m.
Growth form: Free floating

Thelypteridaceae

Cyclosorus interruptus (Willd.) H. Ito

Distribution: W E Nepal; 200-500 m.
Growth form: Emergent

Thelypteris prolifera (Retz.) C.F. Reed

Distribution: WCE Nepal; 88-1100 m.
Growth form: Emergent
Habitat: Marshy place

Thelypteris dentata (Forsk.) St. John

Distribution: WCE Nepal 72-2000 m.
Growth form: Emergent
Habitat: Marshy place

Woodsiaceae

Diplazium esculentum (Retz.) Sw.

Distribution: WCE Nepal; 85-1700 m.
Growth form: Emergent
Habitat: Wet/ Marshy place

ANGIOSPERM –DICOTYLEDONS

Acanthaceae

Barleria cristata L.

Distribution: WCE Nepal; 200 - 2000 m.
Growth form: Shrub
Habitat: Wet place

Dicliptera bupleuroides Nees

Distribution: C Nepal; 100 - 2000 m.
Growth form: Herb
Habitat: Wet place

Eranthemum pulchellum Andrews

Distribution: WCE Nepal; 200-1200 m.
Growth form: Shrub
Habitat: Wet place

Hemigraphis hirta (Vahl) T. Anders.

Distribution: C Nepal; 88-300 m.
Growth form: Herb
Habitat: Wet place

Hygrophila difformis (L. fil.) Bl.

Distribution: WCE Nepal; 100 - 200 m.
Growth form: Emergent

Hygrophila erecta (Burm. fil.) Hochr.

Distribution: E Nepal; 100 m.
Growth form: Emergent herb

- Hygrophila polysperma*** (Roxb.) T. Anderson
 Distribution: WCE Nepal; 100 - 1200 m.
 Growth form: Emergent herb
- Hygrophila salicifolia*** (Vahl) Nees.
 Distribution: WCE Nepal; 200 - 300 m.
 Growth form: Emergent
- Hygrophila schulli*** (Buch.-Ham.) M. R. Almeida & S. M. Almeida
 Distribution: WCE Nepal; 100 - 800 m.
 Growth form: Emergent herb
- Justicia adhatoda*** L.
 Distribution: WCE Nepal; 88 - 1600 m.
 Growth form: Shrub
 Habitat: Wet place
- Justicia diffusa*** Willd.
 Distribution: WCE Nepal; 1000 - 2300 m.
 Growth form: Herb
 Habitat: Wet place
- Justicia parviflora*** Retz
 Distribution: WCE Nepal; 300- 2000 m.
 Growth form: Shrub
 Habitat: Wet place
- Justicia pectinata*** L.
 Distribution: C Nepal; 300 - 2000 m.
 Growth form: Herb
 Habitat: Marshy place
- Justicia quinqueangularis*** Koen. ex Roxb.
 Distribution: C Nepal; 100 - 200 m.
 Growth form: Herb
 Habitat: Wet place
- Justicia simplex*** D. Don
 Distribution: WCE Nepal; 100 - 2500 m.
 Growth form: Herb
 Habitat: Wet place
- Lepidagathis incurva*** Buch.-Ham. ex D. Don
 Distribution: WC Nepal; 200 - 1400 m.
 Growth form: Herb
 Habitat: Wet place
- Phlogacanthus pubinervius*** T. Anders
 Distribution: WCE Nepal; 72 - 1700 m.
 Growth form: Shrub
 Habitat: Marshy place
- #*Ruellia tuberosa*** L.
 Distribution: C Nepal; 100 m.
 Growth form: Herb
 Habitat: Wet place
- Strobilanthes angustifrons*** C. B. Clarke
 Distribution: WC Nepal; 900 - 2100 m.
 Growth form: Shrub
 Habitat: Wet place
- Amaranthaceae**
Achyranthes aspera L.
 Distribution: WCE Nepal; 150 - 2500 m.
 Growth form: Herb
 Habitat: Wet place

Achyranthes bidentata Blume

Distribution: WCE Nepal; 467 - 2500 m.

Growth form: Herb

Habitat: Wet place

Alternanthera paronychioides A. St.-Hil.

Distribution: WCE Nepal; 150 - 2500 m.

Growth form: Herb

Habitat: Wet place.

Alternanthera philoxeroides (Mart.) Griseb.

Distribution: WCE Nepal; 72 - 1400 m.

Growth form: Emergent herb

Alternanthera pungens Kunth

Distribution: WC Nepal; 100 - 1700 m.

Growth form: Herb

Habitat: Wet place.

Alternanthera sessilis (L.) DC.

Distribution: WCE Nepal; 150 - 2500 m.

Growth form: Herb

Habitat: Wet place.

Amaranthus spinosus L.

Distribution: WCE Nepal; 75 - 1800 m.

Growth form: Herb

Habitat: Wet place

Amaranthus viridis L.

Distribution: CE Nepal; 470 - 1150 m.

Growth form: Herb

Habitat: Wet place

Gomphrena serrata L.

Distribution: E Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Wet place

Anacardiaceae

Pegia nitida Colebr.

Distribution: WCE Nepal; 400 - 1200 m.

Growth form: Tree

Habitat: Wet place.

Semecarpus anacardium L. fil.

Distribution: WCE Nepal; 150 - 1200 m.

Growth form: Tree

Habitat: Wet place.

Apiaceae

Carum carvi L.

Distribution: WC Nepal; 2500 - 5100 m.

Growth form: Herb

Habitat: On wet ground along stream.

Centella asiatica (L.) Urb.

Distribution: WCE Nepal; 88 - 2100 m.

Growth form: Herb

Habitat: Wet place.

Hydrocotyle sibthorpioides Lam.

Distribution: WCE Nepal; 72 - 2500 m.

Growth form: Herb

Habitat: Wet place.

Oenanthe javanica (Bl.) DC.

Distribution: CE Nepal; 72 - 600 m.

Growth form: Emergent herb

Hymenidium album (C. B. Cl. ex H. Wolff) M. G. Pimenov & E. V. Kljuykov
Distribution: E Nepal; 4050 m.
Growth form: Herb
Habitat: Marshy rocky place.

Hymenidium brunonis (Wall. ex DC.) Lindl.
Distribution: C Nepal; 4200 m.
Growth form: Herb
Habitat: Along rocks by stream.

Apocynaceae

Calotropis procera(Ait.) Ait. fil.
Distribution: C Nepal; 72 - 2500 m.
Growth form: Shrub
Habitat: Wet place.

Holarrhena pubescens (Buch.-Ham.) Wall. ex G. Don
Distribution: WCE Nepal; 100 -1500 m.
Growth form: Shrub
Habitat: Wet place.

Ichnocarpus frutescens (L.) W. T. Aiton
Distribution: WCE Nepal; 150 - 900 m.
Growth form: Climber
Habitat: Wet place

Nerium indicum Mill.
Distribution: WC Nepal; 490 - 900 m.
Growth form: Shrub
Habitat: Wet place

Hemidesmus indicus (L.) R. Br.
Distribution: W Nepal; 150 - 490 m.
Growth form: Climber
Habitat: Wet place

Oxystelma esculentum (L. fil.) R. Br.
Distribution: W Nepal; 72 - 300 m.
Growth form: Climber
Habitat: Marshy place

Asteraceae

Acmella calva (DC.) R. K. Jansen
Distribution: CE Nepal; 100 - 2300 m.
Growth form: Shrub
Habitat: Wet place.

Acmella uliginosa (Sw.) Cass.
Distribution: E Nepal; 72 - 1200 m.
Growth form: Shrub
Habitat: Wet place

#*Ageratina adenophora* (Spreng.) R. King & H. Rob.
Distribution: WCE Nepal; 200 - 3200 m.
Growth form: Shrub
Habitat: Wet place.

#*Ageratum conyzoides* L.
Distribution: WCE Nepal; 75 - 2400 m.
Growth form: Herb
Habitat: Wet place.

#*Ageratum houstonianum* Mill.
Distribution: WCE Nepal; 90 - 1500 m.
Growth form: Herb
Habitat: Wet place.

Artemisia indica Willd.
Distribution: CE Nepal; 300 - 2400 m.
Growth form: Herb
Habitat: Wet place

#*Bidens pilosa* L.

Distribution: WCE Nepal; 100 - 3600 m.

Growth form: Herb

Habitat: Wet place

***Bidens tripartita* L.**

Distribution: WCE Nepal; 800 - 3400 m.

Growth form: Herb

Habitat: Wet place

#*Blainvillea acmella* (L.) Philipson

Distribution: WCE Nepal; 88 - 1700 m.

Growth form: Herb

Habitat: Wet place

***Blumea sinuata* (Lour.) Merr.**

Distribution: WC Nepal; 88 - 1100 m.

Growth form: Herb

Habitat: Wet place

***Caesulia axillaris* Roxb.**

Distribution: WCE Nepal; 150 - 1500 m.

Growth form: Herb

Habitat: Marsy place.

#*Chromolaena odorata* (L.) R. King & H. Rob.

Distribution: WCE Nepal; 75 - 1700 m.

Growth form: Shrub

Habitat: Wet place

***Cotula hemisphaerica* Wall. ex C. B. Cl.**

Distribution: CE Nepal; 72 - 1800 m.

Growth form: Herb

Habitat: Wet place

#*Crassocephalum crepidioides* (Benth.)

S. Moore

Distribution: CE Nepal; 400 - 1900 m.

Growth form: Herb

Habitat: Wet place.

***Cyanthillium cinereum* (L.) H. Rob.**

Distribution: WCE Nepal; 98 - 1800 m.

Growth form: Herb

Habitat: Wet place

Dichrocephala integrifolia* subsp. *Integrifolia

Distribution: WCE Nepal ; 600 - 1950 m.

Growth form: Herb

Habitat: Wet place.

#*Eclipta prostrata* (L.) L.

Distribution: WCE Nepal; 72 - 1200 m.

Growth form: Herb

Habitat: Wet place

***Elephantopus scaber* L.**

Distribution: WCE Nepal; 200 - 1500 m.

Growth form: Herb

Habitat: Wet place

***Emilia sonchifolia* (L.) DC. ex Wight**

Distribution: WCE Nepal; 113 - 1700 m.

Growth form: Herb

Habitat: Wet place

Enydra fluctuans Lour.

Distribution: WE Nepal; 100 m.

Growth form: Emergent herb

#***Galinsoga quadriradiata*** Ruiz & Pav.

Distribution: WCE Nepal; 450 - 2750 m.

Growth form: Herb

Habitat: Wet place

Gnaphalium polycaulon Pers.

Distribution: CE Nepal; 200 - 1400 m.

Growth form: Herb

Habitat: Wet place

Grangea maderaspatana (L.) Poir.

Distribution: WCE Nepal; 72 - 1530 m.

Growth form: Herb

Habitat: Wet place

Launaea aspleniifolia (Willd.) Hook. fil.

Distribution: CE Nepal; 100 - 600 m.

Growth form: Herb

Habitat: Wet place

#***Mikania micrantha*** Kunth

Distribution: WCE Nepal; 75 - 1200 m.

Growth form: Climber

Habitat: Wet place

Parthenium hysterophorus L.

Distribution: WCE Nepal; 60 - 2000 m.

Growth form: Herb

Habitat: Wet place

#***Sonchus asper*** (L.) Hill

Distribution: WC Nepal; 205 - 600 m.

Growth form: Herb

Habitat: Wet place

Sonchus wightianus DC.

Distribution: WCE Nepal; 113 - 2500 m.

Growth form: Herb

Habitat: Wet place

Sphaeranthus indicus L.

Distribution: WCE Nepal; 200 - 800 m.

Growth form: Herb

Habitat: Wet place

#***Synedrella nodiflora*** (L.) Gaertn.

Distribution: CE Nepal; 400 - 900 m.

Growth form: Herb

Habitat: Wet place

#***Tridax procumbens*** (L.) L.

Distribution: WCE Nepal; 88 - 1500 m.

Growth form: Herb

Habitat: Wet place

#***Xanthium strumarium*** L.

Distribution: WCE Nepal; 75 - 2500 m.

Growth form: Herb

Habitat: Wet place

Begoniaceae

Begonia flaviflora H.Hara

Distribution: E Nepal; 2700 - 2800 m.

Growth form: Herb

Habitat: Wet place along the river bank.

Boraginaceae

Cynoglossum lanceolatum Forskál

Distribution: WC Nepal; 150 - 3200 m.

Growth form: Herb

Habitat: Wet place

Brassicaceae

Alliaria petiolata (M.Bieb.) Cavara & Grande

Distribution: WC Nepal; 2100 - 3200 m.

Growth form: Herb

Habitat: River banks

Arabidopsis thaliana (L.) Heynh.

Distribution: WC Nepal; 300 - 4200 m.

Growth form: Herb

Habitat: River banks

Barbarea intermedia Boreau

Distribution: WC Nepal; 3000 - 4100 m.

Growth form: Herb

Habitat: Marshy place

Braya rosea (Turcz.) Bunge

Distribution: WC Nepal; 2500 - 5300 m.

Growth form: Herb

Habitat: Wet place

Capsella bursa-pastoris (L.) Medik.

Distribution: WCE Nepal; 100 - 4900 m.

Growth form: Herb

Habitat: Wet place

Cardamine elegantula Hook.f. & Thomson

Distribution: CE Nepal; 1500 - 3100 m.

Growth form: Herb

Habitat: Marshy place

Cardamine griffithii Hook.f. & Thomson

Distribution: E Nepal; 2400 - 4500 m.

Growth form: Herb

Habitat: Marshy place

Cardamine macrophylla Willd.

Distribution: WCE Nepal; 500 - 4600 m.

Growth form: Herb

Habitat: River bank

Cardamine pulchella (Hook.f. & Thomson) Al-Shehbaz & G. Yang

Distribution: WCE Nepal; 2700 - 4600 m.

Growth form: Herb

Habitat: Marshy place

Draba glomerata Royle

Distribution: WCE Nepal; 3900 - 4900 m.

Growth form: Herb

Habitat: River bank

Draba stenocarpa Hook.f. & Thomson

Distribution: C Nepal; 2500 - 5000 m.

Growth form: Herb

Habitat: Sandy area on river bank

Noccaea andersonii (Hook.f. & Thomson) Al-Shehbaz

Distribution: WCE Nepal; 3000 - 5200 m.

Growth form: Herb

Habitat: grassy river bank

Rorippa benghalensis (DC.) H. Hara

Distribution: E Nepal; 200 - 300 m.

Growth form: Herb

Habitat: Marshy place.

Rorippa dubia (Pers.) H. Hara

Distribution: CE Nepal; 1200 - 2200 m.

Growth form: Herb

Habitat: Wet place.

Rorippa indica (L.) Hiern

Distribution: WCE Nepal; 100 - 2600 m.

Growth form: Herb

Habitat: Wet place.

Turritis glabra L.

Distribution: W Nepal; 2800 - 3500 m.

Growth form: Herb

Habitat: River bank

Nasturtium officinale W.T. Aiton

Distribution: WCE Nepal; 72 - 3000 m.

Growth form: Emergent herb

Cabombaceae

Cabomba aquatica Aubl.

Distribution: E Nepal; 115 m.

Growth form: Submerged herb

Cannabaceae

Cannabis sativa L.

Distribution: WCE Nepal; 88 - 2800 m.

Growth form: Herb

Habitat: Wet place.

Trema cannabina Lour.

Distribution: WCE Nepal; 100 - 2000 m.

Growth form: Tree

Habitat: Wet place.

Caryophyllaceae

Drymaria cordata subsp. ***diandra*** (Bl.)
J. A. Duke

Distribution: WCE Nepal; 700 - 2000 m.

Growth form: Herb

Habitat: Wet place.

Spergula arvensis L.

Distribution: WC Nepal; 900 - 2100 m.

Growth form: Herb

Habitat: Marshy place

Stellaria media (L.) Vill.

Distribution: C Nepal; 88 - 2800 m.

Growth form: Herb

Habitat: Wet place.

Celastraceae

Celastrus paniculatus Willd.

Distribution: WCE Nepal; 100 - 1400 m.

Growth form: Climbing shrubs

Habitat: River bank

Celastrus stylosus Wall.

Distribution: CE Nepal; 1400 - 2600 m.

Growth form: Woody climber

Habitat: Riverside

Parnassia nubicola Wall.

Distribution: WCE Nepal; 2100 - 4600 m.

Growth form: Herb

Habitat: Wet place

Ceratophyllaceae

Ceratophyllum demersum L.

Distribution: WCE Nepal; 80 - 1700 m.

Growth form: Submerged herb

Ceratophyllum submersum L.

Distribution: C Nepal; 183 m.

Growth form: Submerged herb

Cleomaceae

Arivela viscosa (L.) Rafin.

Distribution: CE Nepal; 88 - 750 m.

Growth form: Herb

Habitat: Wet place

Combretaceae

Combretum wallichii DC.

Distribution: C E Nepal; 100 - 1200 m.

Growth form: Climbing shrub

Habitat: Open ground near river side

Terminalia alata Heyne ex Roth

Distribution: WCE Nepal; 100 - 2000 m.

Growth form: Tree

Habitat: Wet place

Terminalia anogeissiana Gere & Boatwr.

Distribution: WCE Nepal; 100 - 1200 m.

Growth form: Tree

Habitat: Wet place

Terminalia bellirica (Gaertn.) Roxb.

Distribution: WCE Nepal; 100 - 1100 m.

Growth form: Tree

Habitat: Swampy place

Terminalia myriocarpa Van Heurck & Müll. Arg.

Distribution: C Nepal; 1000 m.

Growth form: Tree

Habitat: Riverside

Commelinaceae

Murdannia keisak (Hassk.) Hand.-Mazz.

Distribution: C Nepal; 1100 - 1900 m.

Growth form: Emergent, creeping herb

Convolvulaceae

Argyreia hookeri C. B. Clarke

Distribution: CE Nepal; 467 - 2300 m.

Growth form: Climber

Habit: Wet place

#*Evolvulus nummularius* (L.) L.

Distribution: CE Nepal; 88 - 910 m.

Growth form: Creeping herb

Habit: Wet place

Ipomoea aquatica Forsk.

Distribution: WCE Nepal; 200 - 280 m.

Growth form: Emergent, creeping herb

#*Ipomoea carnea* subsp. *fistulosa* (Mart. ex Choisy) D. F. Austin

Distribution: WCE Nepal; 75-1350 m.

Growth form: Shrub

Habit: Marshy place

Merremia hederacea (Burm. fil.) Hall. fil.

Distribution: CE Nepal; 88 - 200 m.

Growth form: Climber

Habit: Wet place

Costaceae

Hellenia lacera (Gagnep.) Govaerts

Distribution: E Nepal; 1400 - 1500 m.

Growth form: Herb

Habit: Wet Shady place

Crassulaceae

Rhodiola wallichiana (Hook.) Fu

Distribution: WCE Nepal; 3000 - 5500 m.

Growth form: Climber

Habitat: River beds

Cucurbitaceae

#*Coccinia grandis* (L.) Voigt

Distribution: WCE Nepal; 98 - 900 m.

Growth form: Climber

Habitat: Wet place

Ebenaceae

Diospyros malabarica (Desr.) Kostel.

Distribution: W Nepal; 490 - 1500 m.

Growth form: Tree

Habitat: Swampy place

Elatinaceae

Bergia ammannioides Roxb.

Distribution: CE Nepal; 100 - 800 m.

Growth form: Herb

Habitat: Muddy place.

Elatine triandra Schkuhr

Distribution: W Nepal; 2300 m.

Growth form: Emergent herb

Elaeagnaceae

Hippophae tibetana Schldl.

Distribution: CE Nepal; 3800 - 4500 m.

Growth form: Thorny shrub

Habitat: Wet place

Euphorbiaceae

Chrozophora rottleri (Geiseler) Spreng.

Distribution: CE Nepal; 80 - 88 m.

Growth form: Herb

Habitat: Wet place

#***Euphorbia heterophylla*** L.

Distribution: WCE Nepal; 88 - 1100 m.

Growth form: Herb

Habitat: Wet place.

#***Euphorbia hirta*** L.

Distribution: WCE Nepal; 88 - 1500 m.

Growth form: Herb

Habitat: Wet place.

Mallotus philippensis (Lam.) Müll.Arg.

Distribution: WCE Nepal; 100 - 1800 m.

Growth form: Tree

Habitat: Wet place.

Ricinus communis L.

Distribution: WCE Nepal; 100 - 1800 m.

Growth form: Shurb

Habitat: Wet/Marshy place.

Fabaceae

Aeschynomene aspera L.

Distribution: WCE Nepal; 100 - 1300 m.

Growth form: Herb

Habitat: Swampy place.

Aeschynomene indica L.

Distribution: CE Nepal; 100 - 1300 m.

Growth form: Shrub

Habitat: Swampy place.

Alysicarpus rugosus (Willd.) DC.

Distribution: WCE Nepal; 200 - 1200 m.

Growth form: Herb

Habitat: Wet place.

Alysicarpus vaginalis (L.) DC.

Distribution: WCE Nepal; 98 - 1200 m.

Growth form: Herb

Habitat: Wet place.

****Astragalus chateri*** Vassilcz.

Distribution: WC Nepal; 2200 - 3600 m.

Growth form: Herb

Habitat: Sand and gravel by riverside

Bauhinia vahlii Wight & Arn.

Distribution: WCE Nepal; 100 - 1300 m.

Growth form: Climber

Habitat: Swampy place.

Caesalpinia decapetala (Roth) Alston

Distribution: WCE Nepal; 700 - 2200 m.

Growth form: Shrub

Habitat: Wet place.

Crotalaria alata D. Don

Distribution: W C E Nepal; 300 - 1400 m.

Growth form: Herb

Habitat: Wet place.

Crotalaria albida Roth

Distribution: C E Nepal; 450 - 2200 m.

Growth form: Herb

Habitat: Wet place.

Crotalaria prostrata Willd.

Distribution: WCE Nepal; 100 - 2000 m.

Growth form: Herb

Habitat: Wet place

Dalbergia sissoo DC.

Distribution: WCE Nepal; 100 - 1400 m.

Growth form: Tree

Habitat: Wet place

Desmodium triflorum (L.) DC.

Distribution: WCE Nepal; 98 - 2300 m.

Growth form: Herb

Habitat: Wet place

Millettia fruticosa (DC.) Baker

Distribution: CE Nepal; 300 - 1000 m.

Growth form: Herb

Habitat: Wet place

#*Mimosa pudica* L.

Distribution: WCE Nepal; 75 - 1500 m.

Growth form: Herb

Habitat: Wet/Marshy place.

Mimosa rubicaulis Lam.

Distribution: C Nepal; 113 m.

Growth form: Shrub

Habitat: Wet place.

****Oxytropis arenae-ripariae*** Vassilcz.

Distribution: W Nepal; 4500 - 4700 m.

Growth form: Herb

Habitat: Sandy flats by riverside

****Oxytropis williamsii*** Vassilcz.

Distribution: W Nepal; 2500 - 4400 m.

Growth form: Herb

Habitat: Gravel banks by riverside

#*Senna occidentalis* (L.) Link

Distribution: WCE Nepal; 75 - 1400 m.

Growth form: Shrub

Habitat: Wet place

Senna sophora (L.) Roxb.

Distribution: WCE Nepal; 75 - 1300 m.

Growth form: Shrub

Habitat: Wet place

#*Senna tora* (L.) Roxb.

Distribution: WCE Nepal; 100 - 1300 m.

Growth form: Herb

Habitat: Wet place

Senegalia catechu (L.f.) P.J.H.Hurter & Mabb.

Distribution: WCE Nepal; 100 - 1400 m.

Growth form: Tree

Habitat: River side.

Sesbania bispinosa (Jacq.)W.Wight

Distribution: WCE Nepal; 100 - 700 m.

Growth form: Shrub

Habitat: Wet place

Smithia ciliata Royle

Distribution: WCE Nepal; 100 - 2800 m.

Growth form: Herb

Habitat: Wet place

Smithia sensitiva Aiton

Distribution: WCE Nepal; 200 - 1200 m.

Growth form: Herb

Habitat: Wet place

Thermopsis inflata Cambess.

Distribution: C Nepal

Growth form: Herb

Habitat: River bank

Trifolium repens L.

Distribution: WCE Nepal; 250 - 3500 m.

Growth form: Herb

Habitat: Wet place

#***Trifolium resupinatum*** L.

Distribution: W Nepal; 2400 m.

Growth form: Herb

Habitat: Wet place

Vachellia nilotica subsp. ***indica*** (Benth.)

Kyal. & Boatwr.

Distribution: C Nepal; 100 - 150 m.

Growth form: Tree

Habitat: Wet place

Gentianaceae

Canscora alata (Roth) Wall.

Distribution: WCE Nepal; 490 - 2300 m.

Growth form: Herb

Habitat: Wet place

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

Distribution: WCE Nepal; 100 - 750 m.

Growth form: Herb

Habitat: Wet place

Exacum tetragonum Roxb

Distribution: CE Nepal; 100 - 2000 m.

Growth form: Herb

Habitat: Wet place

Haloragaceae

Myriophyllum aquaticum (Vellozo) Verdcourt.

Distribution: C Nepal; 1350 m.

Growth form: Rooted floating leaved herb

***Myriophyllum spicatum* L.**

Distribution: W Nepal; 3000 m.

Growth form: Submerged herb

Heliotropiaceae

***Heliotropium indicum* L.**

Distribution: CE Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Wet place.

***Euploca strigosa* (Willd.) Diane & Hilger**

Distribution: CE Nepal; 100 m.

Growth form: Herb

Habitat: Wet place.

Hydroleaceae

***Hydrolea zeylanica* (L.) Vahl**

Distribution: CE Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Marshy place

Hypoxidaceae

***Curculigo orchioides* Gaertn.**

Distribution: WCE Nepal; 500 m.

Growth form: Herb

Habitat: Damp place

Lamiaceae

***Anisomeles indica* (L.) Kuntze**

Distribution: WCE Nepal; 100 - 2400 m.

Growth form: Herb

Habitat: Wet place

***Callicarpa macrophylla* Vahl**

Distribution: WCE Nepal; 300 - 1500 m.

Growth form: Herb

Habitat: Marshy place

***Clerodendrum indicum* (L.) Kuntze**

Distribution: WCE Nepal; 200 - 1400 m.

Growth form: Shrub

Habitat: Wet place

***Colebrookea oppositifolia* Sm.**

Distribution: W C E Nepal; 250 - 1700 m.

Growth form: Shrub

Habitat: Marshy place

***Elsholtzia fruticosa* (D.Don) Rehde**

Distribution: WCE Nepal; 1800 - 4200 m.

Growth form: Herb

Habitat: Marshy place

*Mesosphaerum suaveolens* (L.)

Kuntze Distribution: WCE Nepal; 75 – 1700 m.

Growth form: Herb

Habitat: Wet place

***Leonurus japonicus* Houtt.**

Distribution: CE Nepal; 200 – 2000 m.

Growth form: Herb

Habitat: Wet place

***Leucas lavandulifolia* Sm.**

Distribution: CE Nepal; 70 – 1000 m.

Growth form: Herb

Habitat: Wet place

***Ocimum basilicum* L.**

Distribution: CE Nepal; 88 - 1500 m.

Growth form: Herb

Habitat: Wet place

***Pogostemon benghalensis* (Burm.f.)**

Kuntze

Distribution: WCE Nepal; 150 - 1300 m.

Growth form: Herb

Habitat: Wet place

***Pogostemon cruciatus* (Benth.) Kuntze**

Distribution: WCE Nepal; 115 - 2400 m.

Growth form: Herb

Habitat: Marshy place

***Salvia plebeia* R.Br.**

Distribution: WC Nepal; 88 - 1100 m.

Growth form: Herb

Habitat: Wet place

***Mentha spicata* L.**

Distribution: WC Nepal; 600 - 2700 m

Growth form: Herb

Habitat: Marshy place

Lentibulariaceae

***Utricularia aurea* Lour.**

Distribution: WCE Nepal; 72 - 1600 m.

Growth form: Submerged herb

***Utricularia australis* R. Br.**

Distribution: WC Nepal; 2300 - 3800 m.

Growth form: Submerged herb

***Utricularia bifida* L.**

Distribution: CE Nepal; 350 - 1300 m.

Growth form: Submerged herb

***Utricularia brachiata* (R. Wight) Oliv.**

Distribution: CE Nepal; 3000 - 3800 m.

Growth form: Herb

Habitat: Wet place

***Utricularia caerulea* L.**

Distribution: CE Nepal; 1300 m.

Growth form: Herb

Habitat: Marshy place

***Utricularia capillacea* Willd.**

Distribution: CE Nepal; 1000 - 3700 m.

Growth form: Herb

Habitat: Marshy place

***Utricularia gibba* L.**

Distribution: CE Nepal; 100 - 1600 m.

Growth form: Submerged herb

***Utricularia minor* L.**

Distribution: CE Nepal; 3000 - 4300 m.

Growth form: Submerged herb

***Utricularia recta* P. Taylor**

Distribution: E Nepal; 1345 m.

Growth form: Herb

Habitat: Wet or Marshy place

Utricularia stellaris L. fil.

Distribution: W Nepal; 200 m.

Growth form: Submerged herb

Linderniaceae

Bonnaya antipoda (L.) Druce

Distribution: WCE Nepal; 72 - 2300 m.

Growth form: Herb

Habitat: Wet place

Bonnaya ciliata subsp. *ciliata*

Distribution: WCE Nepal; 115 - 1500 m.

Growth form: Herb

Habitat: Wet place

Bonnaya oppositifolia (Retz.) Spreng.

Distribution: E Nepal; 100 - 1400 m.

Growth form: Herb

Habitat: Wet place

Craterostigma nummulariifolium (D.

Don) Eb. Fisch., Schäferh. & Kai Mull.

Distribution: WCE Nepal; 900 - 2900 m.

Growth form: Herb

Habitat: Wet place

Torenia crustacea (L.) Cham. & Schltdl.

Distribution: WCE Nepal; 100 - 1800 m.

Growth form: Herb

Habitat: Wet place

Vandellia anagallis (Burm. fil.) T. Yamaz.

Distribution: WCE Nepal; 72- 1400 m.

Growth form: Herb

Habitat: Wet place

Vandellia viscosa (Hornem.) Merr.

Distribution: CE Nepal; 100 - 900 m.

Growth form: Herb

Habitat: Wet place

Lythraceae

Ammannia auriculata Willd.

Distribution: WCE Nepal; 72 - 1500 m.

Growth form: Herb

Habitat: Wet place

Ammannia baccifera L.

Distribution: WCE Nepal; 100 – 1100 m.

Growth form: Herb

Habitat: Wet place

Ammannia multiflora Roxb.

Distribution: WC Nepal; 200 - 1300 m.

Growth form: Herb

Habitat: Marshy place

Duabanga grandiflora (Roxb. ex DC.) Walp.

Distribution: WCE Nepal; 200 - 2000 m.

Growth form: Tree

Habitat: River bank

Lagerstroemia parviflora Roxb.

Distribution: WCE Nepal; 200 - 800 m.

Growth form: Tree

Habitat: Wet place

Rotala cordata Koehne

Distribution: CE Nepal; 100 - 1700 m.

Growth form: Herb

Habitat: Wet place

Rotala densiflora (Roemer & Schultes)
Koehne.

Distribution: WC Nepal; 1800 - 2700 m.

Growth form: Herb

Habitat: Marshy place

Rotala indica (Willd.) Koehne

Distribution: CE Nepal; 100 - 1400 m.

Growth form: Emergent herb

Rotala mexicana Cham. & Schlechtend.

Distribution: C Nepal; 1400 m.

Growth form: Emergent, creeping herb

Rotala rosea (Poir.) C. D. K. Cook

Distribution: E Nepal; 200 m.

Growth form: Herb

Habitat: Marshy place

Rotala rotundifolia (Buch.-Ham. ex
Roxb.) Koehne.

Distribution: WCE Nepal; 72 - 2300 m.

Growth form: Herb

Habitat: Marshy place

Rotala rubra (Buch.-Ham. ex D. Don)
Hara.

Distribution: CE Nepal; 500 - 1000 m.

Growth form: Herb

Habitat: Wet place

Trapa natans L.

Distribution: C Nepal; 72 - 800 m.

Growth form: Rooted floating leaved
herb

Trapa natans var. ***bicornis*** (Osbeck)
Makino

Distribution: WCE Nepal; 200 - 1400 m.

Growth form: Rooted floating leaved herb

Malvaceae

Abutilon indicum (L.) Sweet

Distribution: WCE Nepal; 65 - 1500 m.

Growth form: Shrubs

Habitat: River bank

Bombax ceiba L.

Distribution: WCE Nepal; 100 - 1200 m.

Growth form: Tree

Habitat: Wet place

Corchorus aestuans L.

Distribution: CE Nepal; 88 - 900 m.

Growth form: Herb

Habitat: Wet place

***Gossypium arboreum* L.**

Distribution: WE Nepal; 490 - 1500 m.

Growth form: Tree

Habitat: Wet place

***Melochia corchorifolia* L.**

Distribution: CE Nepal; 98 - 1300 m.

Growth form: Herb

Habitat: Wet place

***Pentapetes phoenicea* L.**

Distribution: WC Nepal; 88 – 150 m.

Growth form: Herb

Habitat: Marshy place

#*Sida acuta* Burm. fil.

Distribution: WCE Nepal; 100 – 2700 m.

Growth form: Herb

Habitat: Wet place

***Sida cordata* (Burm. fil.) Borss. Waalk.**

Distribution: WCE Nepal; 400 – 1800 m.

Growth form: Herb

Habitat: Wet place

*Sida cordifolia* L.

Distribution: WCE Nepal; 500 – 1100 m.

Growth form: Shrub

Habitat: Wet place

#*Sida rhombifolia* L.

Distribution: WCE Nepal; 100 – 1300 m.

Growth form: Shrub

Habitat: Wet place

***Triumfetta rhomboidea* Jacq.**

Distribution: WCE Nepal; 98 – 1400 m.

Growth form: Shrub

Habitat: Wet place

***Urena lobata* L.**

Distribution: WCE Nepal; 98 – 1300 m.

Growth form: Shrub

Habitat: Wet place

Mazaceae

***Mazus pumilus* (Burm. fil.) Steenis**

Distribution: CE Nepal; 100 - 1600 m.

Growth form: Herb

Habitat: Wet place

Melastomataceae

***Medinilla rubicunda* (Jack) Bl.**

Distribution: C Nepal; 1000- 1100 m.

Growth form: Shrub

Habitat: River bank

***Osbeckia stellata* Buch.-Ham. ex D. Don**

Distribution: WCE Nepal; 115 - 2600 m.

Growth form: Shrub

Meliaceae

***Heynea trijuga* Roxb.**

Distribution: WCE Nepal; 700 - 2400 m.

Growth form: Shrub

Habitat: River bank

Toona ciliata M. Roem.

Distribution: WCE Nepal; 200 - 1700 m.

Growth form: Tree

Habitat: River bank forest

Menispermaceae

Stephania japonica (Thunb.) Miers

Distribution: CE 467 - 1400 m.

Growth form: Climber

Habitat: Swampy place

Cissampelos pareira L.

Distribution: WCE Nepal 200 - 1800 m.

Growth form: Climber

Habitat: Swampy place

Menyanthaceae

Menyanthes trifoliata L.

Distribution: W Nepal; 2900 m.

Growth form: Emergent herb

Nymphoides hydrophylla (Loureiro)

Kuntze

Distribution: WCE Nepal; 88 - 600 m.

Growth form: Free Floating herb

Nymphoides indica (L.) Kuntze

Distribution: WCE Nepal; 72 - 600 m.

Growth form: Free Floating herb

Moraceae

Streblus asper Lour.

Distribution: CE Nepal; 100 - 500 m.

Growth form: Tree

Habitat: Wet place

Ficus conglobata King

Distribution: C Nepal; 1000 - 1100 m.

Growth form: Tree

Habitat: Riverside cliffs

Ficus racemosa L.

Distribution: WC Nepal; 300 - 1000 m.

Growth form: Tree

Habitat: Riverside

Myrtaceae

Syzygium cumini (L.) Skeels

Distribution: WCE Nepal; 100 - 1200 m.

Growth form: Tree

Habitat: Wet place

Nelumbonaceae

Nelumbo nucifera Gaertn.

Distribution: WCE Nepal; 90 - 800 m.

Growth form: Rooted floating leaved herb

Nyctaginaceae

Boerhavia diffusa L.

Distribution: WCE Nepal; 88 - 1200 m.

Growth form: Herb

Habitat: Wet place

Nymphaeaceae

Euryale ferox Salisb. ex K. D. Koenig & Sims

Distribution: CE Nepal; 100 - 200 m.

Growth form: Rooted floating leaved herb

Nymphaea alba L.

Distribution: C Nepal; 200 - 800 m.

Growth form: Rooted floating leaved herb

Nymphaea lotus var. *pubescens* (Willd.)

Hook.f. & Thoms.

Distribution: W Nepal; 100 - 300 m.

Growth form: Rooted floating leaved herb

Nymphaea nouchali Burm. fil.

Distribution: WCE Nepal; 88 - 1500 m.

Growth form: Rooted floating leaved herb

Nymphaea odorata Soland. ex Ait.

Distribution: E Nepal; 1600 m.

Growth form: Rooted floating leaved herb

Nymphaea tetragona Georgi

Distribution: WC Nepal; 100 - 300 m.

Growth form: Rooted floating leaved herb

Onagraceae

Epilobium palustre L.

Distribution: C Nepal; 4400 - 4900 m.

Growth form: Herb

Habitat: Marshy place

Ludwigia adscendens (L.) Hara

Distribution: WCE Nepal; 72 - 600 m.

Growth form: Emergent, creeping herb

Ludwigia hyssopifolia (G. Don) Exell

Distribution: CE Nepal; 90 - 500 m.

Growth form: Herb

Habitat: Marshy place

Ludwigia octovalvis (Jacq.) Raven

Distribution: CE Nepal; 90 - 900 m.

Growth form: Herb

Habitat: Wet place

Ludwigia perennis L.

Distribution: WCE Nepal; 90 - 1400 m.

Growth form: Herb

Habitat: Wet place

Oenothera rosea Aiton

Distribution: WC Nepal; 600 - 2500 m.

Growth form: Herb

Habitat: Wet place

Orobanchaceae

Lindenbergia indica (L.) Vatke

Distribution: WCE Nepal; 100 - 2600 m.

Growth form: Herb

Habitat: Wet place

Pedicularis globifera Hook. fil.

Distribution: WC Nepal; 3900 - 5500 m.

Growth form: Herb

Habitat: Swampy ground

Pedicularis longiflora* var. *tubiformis
(Klotzsch) Tsoong

Distribution: WCE Nepal; 2500 - 4100 m.

Growth form: Herb

Habitat: Marshy meadows

Oxalidaceae

Oxalis corniculata L.

Distribution: WCE Nepal; 100 - 2900 m.

Growth form: Herb

Habitat: Wet place

Papaveraceae

Argemone mexicana L.

Distribution: WCE Nepal; 75 - 1400 m.

Growth form: Herb

Habitat: Wet place

* ***Corydalis clavibracteata*** Ludlow & Stearn

Distribution: E Nepal, 3600 - 4700 m.

Growth form: Herb

Habitat: Wet places.

Fumaria indica (Hausskn.) Pugsley

Distribution: WC E Nepal; 100 - 2400 m.

Growth form: Herb

Habitat: Wet place

Phyllanthaceae

Phyllanthus urinaria L.

Distribution: WCE Nepal; 115 - 2500 m.

Growth form: Herb

Habitat: Wet place

Piperaceae

Piper longum L.

Distribution: WC E Nepal; 200 - 800 m.

Growth form: Climber

Habitat: Wet place

Plantaginaceae

Bacopa hamiltoniana (Benth.) Wettst.

Distribution: C Nepal; 700 - 800 m.

Growth form: Herb

Habitat: Wet place

Bacopa monnieri (L.) Pennell

Distribution: C Nepal; 700 - 900 m.

Growth form: Creeping herb

Habitat: Marshy place

Callitriche palustris L.

Distribution: WCE Nepal; 2300 - 4200 m.

Growth form: Rooted Floating Leaved, herb

Callitriche stagnalis Scop.

Distribution: WCE Nepal; 115 - 3000 m.

Growth form: Rooted Floating Leaved, herb

Dopatrium junceum (Roxb.) Buch.-Ham. ex Benth.

Distribution: CE Nepal; 100 - 1200 m.

Growth form: Emergent, herb

Hippuris vulgaris L.

Distribution: WC Nepal; 1700 - 4700 m.

Growth form: Emergent, herb

Lagotis clarkei Hook.f.

Distribution: E Nepal; 3420 - 4500 m.

Growth form: Herb

Habitat: Wet slope

Limnophila chinensis (Osbeck) Merr.

Distribution: W Nepal; 183 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Limnophila heterophylla (Roxb.) Benth.

Distribution: WCE Nepal; 115 - 200 m.

Growth form: Emergent, herb

Limnophila indica (L.) Druce

Distribution: WCE Nepal; 115 - 2300 m.

Growth form: Emergent herb

Limnophila repens (Benth.) Benth.

Distribution: E Nepal; 200 m.

Growth form: Herb

Habitat: Wet place

Limnophila rugosa (Lour.) Merr.

Distribution: CE Nepal; 115 - 900 m.

Growth form: Emergent, herb

Limnophila sessiliflora (Vahl) Bl.

Distribution: WCE Nepal; 200 - 600 m.

Growth form: Emergent, herb

#*Mecardonia procumbens* (Mill.) Small

Distribution: C Nepal; 115 - 900 m.

Growth form: Herb

Habitat: Wet place

Plantago major L.

Distribution: C Nepal; 600 - 2990 m.

Growth form: Herb

Habitat: Wet place

#*Scoparia dulcis* L.

Distribution: CE Nepal; 115 - 900 m.

Growth form: Herb

Habitat: Wet place

Veronica anagallis-aquatica L.

Distribution: WCE Nepal; 100 - 4700 m.

Growth form: Herb

Habitat: Marshy place

Veronica beccabunga L.

Distribution: W Nepal; 2300 - 3100 m.

Growth form: Herb

Habitat: Marshy place

Podostemaceae

Hydrobryum griffithii (Wall. ex Griff.) Tul.

Distribution: C Nepal; 1000 - 2000 m.

Growth form: Submerged, herb

Polygonaceae

Fallopia convolvulus (L.) A. Love

Distribution: C Nepal; 2200 - 3800 m.

Growth form: Climber

Habitat: Marshy place

****Fallopia filipes*** (Hara) Holub

Distribution: WCE Nepal; 1900 - 2900 m.

Growth form: Herb

Habitat: Marshy place

Koenigia delicatula (Meisn.) Hara

Distribution: WCE Nepal; 2700 - 4600 m.

Growth form: Herb

Habitat: Marshy place

Koenigia islandica L.

Distribution: WCE Nepal; 3700 - 5000 m.

Growth form: Herb

Habitat: Marshy place

Persicaria amphibia (L.) S. F. Gray

Distribution: WC Nepal; 2900 - 3800 m.

Growth form: Rooted Floating Leaved, herb

Persicaria barbata (L.) H. Hara

Distribution: WCE Nepal; 90 - 1100 m.

Growth form: Herb

Habitat: Marshy place

Persicaria glabra (Willd.) Gomez de la Maza

Distribution: WCE Nepal; 72 - 900 m.

Growth form: Herb

Habitat: Marshy place

Persicaria hydropiper (L.) Spach

Distribution: WCE Nepal; 500 - 2300 m.

Growth form: Herb

Habitat: Marshy place

Persicaria lapathifolia (L.) S. F. Gray

Distribution: WCE Nepal; 98 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Persicaria limbata (Meisn.) Hara

Distribution: CE Nepal; 100 - 200 m.

Growth form: Herb

Habitat: Marshy place

Persicaria posumbu (Buch.-Ham. ex D. Don) H. Gross

Distribution: CE Nepal; 200 - 2000 m.

Growth form: Herb

Habitat: Marshy place

***Polygonum aviculare* L.**

Distribution: C Nepal; 2200 - 3800 m.

Growth form: Herb

Habitat: Wet place

***Polygonum plebejum* R. Br.**

Distribution: WCE Nepal; 90 - 1400 m.

Growth form: Herb

Habitat: Wet place

***Rumex acetosa* L.**

Distribution: WC Nepal; 2100 - 4100 m.

Growth form: Herb

Habitat: Marshy place

***Rumex dentatus* L.**

Distribution: WCE Nepal; 72 - 1400 m.

Growth form: Herb

Habitat: Wet place

***Rumex nepalensis* Spreng.**

Distribution: WCE Nepal; 600 – 4200 m.

Growth form: Herb

Habitat: Wet place

Primulaceae

***Ardisia elliptica* Thunb.**

Distribution: WCE Nepal; 200 - 1100 m.

Growth form: Shrub

Habitat: Wet place

***Maesa chisia* Buch.-Ham. ex D. Don**

Distribution: WCE Nepal; 467 - 2600 m.

Growth form: Shrub

Habitat: Wet place

***Primula sikkimensis* Hook.**

Distribution: WCE Nepal; 2900 - 4800 m.

Growth form: Herb

Habitat: Wet meadows

Portulacaceae

*Portulaca oleracea* L.

Distribution: CE Nepal; 300 - 1600 m.

Growth form: Herb

Habitat: Wet place

***Portulaca quadrifida* L.**

Distribution: E Nepal; 150 m.

Growth form: Herb

Habitat: Wet place along river bank.

Ranunculaceae

***Caltha palustris* L.**

Distribution: WC Nepal; 2400 - 4200 m.

Growth form: Herb

Habitat: Marshy place

***Caltha scapose* Hook. f. & Thomson**

Distribution: WE Nepal; 5500 m.

Growth form: Herb

Habitat: Wet place.

Halerpestes tricuspis (Maxim.) Hand.-Mazz.

Distribution: WCE Nepal, 2600 - 4600 m.

Growth form: Herb

Habitat: Wet alpine meadows.

Ranunculus diffusus DC.

Distribution: WCE Nepal; 1500 – 4000 m.

Growth form: Herb

Habitat: Wet place

Ranunculus ficariifolius H.Lev. & Vaniot

Distribution: WCE Nepal; 3350 - 3950 m.

Growth form: Herb

Habitat: Damp grassland.

Ranunculus hirtellus Royle

Distribution: WCE Nepal; 2800 - 5500 m.

Growth form: Herb

Habitat: Wet place

Ranunculus laetus Wall.ex D.Don

Distribution: W Nepal, Dadeldhura; 1750 m.

Growth form: Herb

Habitat: Damp place.

Ranunculus sceleratus L.

Distribution: WC Nepal; 72 - 2600 m.

Growth form: Herb

Habitat: Marshy place

Ranunculus trichophyllus var. *trichophyllus* Chaix

Distribution: WC Nepal; 3650 - 4750 m.

Growth form: Submerged, herb

Rhamnaceae

Ziziphus mauritiana Lam.

Distribution: WC Nepal; 200 - 1200 m.

Growth form: Herb

Habitat: Marshy place

Rosaceae

Argentina anserina subsp. *anserina* Rydb.

Distribution: WCE Nepal; 2800 - 4600 m.

Growth form: Herb

Habitat: River banks

Dasiphora fruticosa (L.) Rydb.

Distribution: E Nepal; 4600 m.

Growth form: Small Shrub

Habitat: Wet place

Dasiphora arbuscula (D. Don) J. Sojak

Distribution: WC Nepal; 3300 - 4600 m.

Growth form: Shrub

Habitat: Sandy River banks

Filipendula vestita (Wall. ex G. Don) Maxim.

Distribution: E Nepal; 2200 - 3200 m.

Growth form: Herb

Habitat: River banks

Micromeles thomsonii (Hook. fil.) C. K. Schneider

Distribution: E Nepal; 1700 - 2700 m.

Growth form: Tree

Habitat: Riverside rocky places

Potentilla argyrophylla Wall.

Distribution: WCE Nepal; 3600 - 4800 m.

Growth form: Herb

Habitat: Sandy River banks

Potentilla saundersiana Royle

Distribution: WCE Nepal; 3100 - 4900 m.

Growth form: Herb

Habitat: Sandy Riversides

Potentilla sundaica (Bl.) Kuntze

Distribution: WCE Nepal; 800 - 3000 m.

Growth form: Herb

Habitat: River banks

****Prunus taplejungnica*** H. Ohba & S. Akiyama

Distribution: E Nepal; 2400 - 3600 m.

Growth form: Tree

Habitat: Riverside gravelly terraces

Rosa clinophylla Thory

Distribution: C Nepal; 100 - 1400 m.

Growth form: Shrub

Habitat: Marshy place

Rubus biflorus Buch.-Ham. ex Sm.

Distribution: WCE Nepal; 1500 - 3500 m.

Growth form: Shrub

Habitat: Riversides

Rubus inopertus (Diels) Focke

Distribution: CE Nepal; 2200 - 3200 m.

Growth form: Shrub

Habitat: River banks

Rubus mesogaeus Focke

Distribution: CE Nepal; 900 - 3600 m.

Growth form: Shrub

Habitat: River banks

Rubus pungens Cambess. ex Jacq.

Distribution: CE Nepal; 2100 - 3300 m.

Growth form: Shrub

Habitat: Riversides

Sibbaldia cuneifolia (Bertol.) Paule & Sojak

Distribution: WCE Nepal; 1900 - 4900 m.

Growth form: Shrub

Habitat: Sandy River banks

Sorbus microphylla (Wall. ex J. D. Hooker) Wenzig

Distribution: WCE Nepal; 2000 - 4200 m.

Growth form: Tree

Habitat: River banks

Spiraea arcuata Hook. fil.

Distribution: WCE Nepal; 2100 - 4900 m.

Growth form: Shrubs

Habitat: River banks

Rubiaceae

Adina cordifolia (Roxb.) Brandis

Distribution: WCE Nepal; 100 - 800 m.

Growth form: Tree

Habitat: Wet place

Catunaregam spinosa (Thunb.) Tirveng.

Distribution: WCE Nepal; 100 - 1200 m.

Growth form: Shrub

Habitat: Wet place

Cephalanthus tetrandra (Roxb.)

Ridsdale & Bakh.f.

Distribution: E Nepal; 467 m.

Growth form: Emergent, tree

Galium asperifolium Wall.

Distribution: WCE Nepal; 600 - 3000 m.

Growth form: Herb

Habitat: Wet place

Knoxia sumatrensis (Retz.) DC.

Distribution: C Nepal; 100 - 550 m.

Growth form: Herb

Habitat: Wet place

Neonauclea purpurea (Roxb.) Merr.

Distribution: CE Nepal; 100 - 800 m.

Growth form: Tree

Habitat: Wet place

Oldenlandia corymbosa L.

Distribution: WCE Nepal; 100 - 2400 m.

Growth form: Herb

Habitat: Wet place

Scleromitrium diffusum (Willd.)

R.J.Wang

Distribution: CE Nepal; 100 - 1000 m.

Growth form: Herb

Habitat: Wet place

Spermacoce alata Aubl.

Distribution: CE Nepal; 200 - 2000 m.

Growth form: Herb

Habitat: Wet place

Spermacoce exilis (L.O.Williams)

C.D.Adams ex W.C.Burger & C.M.Taylor

Distribution: CE Nepal; 200 - 1200 m.

Growth form: Herb

Habitat: Wet place

Tamilnadia uliginosa (Retz.) Tirveng. &

Sastre

Distribution: WC Nepal; 100 m.

Growth form: Tree

Habitat: Swampy place

Wendlandia tinctoria (Roxb.) DC.
Distribution: CE Nepal; 150 - 360 m.
Growth form: Tree
Habitat: Edge of forest along river.

Rutaceae

Aegle marmelos (L.) Correa
Distribution: WCE Nepal; 490 - 1100 m.
Growth form: Tree
Habitat: Wet place

Murraya koenigii (L.) Spreng.
Distribution: WE Nepal; 100 - 1450 m.
Growth form: Shrub
Habitat: Wet place

Salicaceae

Salix psilostigma Andersson
Distribution: WE Nepal; 3300 - 4000 m.
Growth form: Tree
Habitat: Wet place.

Salix salwinensis Hand.-Mazz. ex Enander
Distribution: E Nepal; 2800 - 3800 m.
Growth form: Tree
Habitat: Wet place.

Salix sikkimensis Andersson
Distribution: E Nepal; 3800 - 4400 m.
Growth form: Tree
Habitat: Wet place.

Salix tetrasperma Roxb.
Distribution: WC Nepal; 200 - 2700 m.
Growth form: Tree
Habitat: Wet place.

Sapindaceae

Schleichera oleosa (Lour.) Oken
Distribution: WCE Nepal; 200 - 490 m.
Growth form: Tree
Habitat: Wet place

Sapotaceae

Diploknema butyracea (Roxb.) H.J.Lam
Distribution: WCE Nepal; 200 - 1500 m.
Growth form: Tree
Habitat: Wet place.

Saururaceae

Houttuynia cordata Thunb.
Distribution: CE Nepal; 1300 - 2500 m.
Growth form: Herb
Habitat: Wet place.

Saxifragaceae

Saxifraga brunonis Wall. ex Ser.
Distribution: WCE Nepal; 1400 - 5600 m.
Growth form: Herb
Habitat: Wet place.

Saxifraga latiflora Hook. fil. & Thoms.
Distribution: E Nepal; 4100 - 4600 m.
Growth form: Herb
Habitat: Marshy place.

Solanaceae

Alkekengi indica (Lam.) comb. ined.

Distribution: WCE Nepal; 115 - 900 m.

Growth form: Herb

Habitat: Wet place

#*Physalis peruviana* L.

Distribution: WCE Nepal; 300 - 900 m.

Growth form: Herb

Habitat: Wet place

#*Solanum torvum* Swartz

Distribution: CE Nepal; 250 - 750 m.

Growth form: Herb

Habitat: Bank of wet place.

Solanum virginianum L.

Distribution: WCE Nepal; 300 - 900 m.

Growth form: Herb

Habitat: Bank of wet place.

Sphenocleaceae

#*Sphenoclea zeylanica* Gaertn.

Distribution: WCE Nepal; 72 - 600 m.

Growth form: Emergent herb

Tamaricaceae

Myricaria rosea W.W.Sm.

Distribution: WCE Nepal; 2650-4100 m.

Growth form: Prostrate shrub

Habitat: Side of lake.

Myricaria squamosa Devs.

Distribution: C Nepal, Manang; 4080-4400 m.

Growth form: Prostrate shrub

Habitat: River sides.

Myricaria wardii Marquaed

Distribution: C Nepal; 2570 - 4200 m.

Growth form: Shrub

Habitat: Bank of river.

Tamarix dioica Roxb.

Distribution: WE Nepal; 100 - 400 m.

Growth form: Shrub

Habitat: Wet place.

Ulmaceae

Trema politoria (Planch.) Blume

Distribution: WCE Nepal; 330 - 1500 m.

Growth form: Shrub

Habitat: Along stream.

Urticaceae

Boehmeria depauperata Wedd.

Distribution: CE Nepal; 100 - 2200 m.

Growth form: Shrub

Habitat: River banks

Boehmeria penduliflora Wedd. ex D. G.

Long

Distribution: CE Nepal; 300 - 2000 m.

Growth form: Herb

Habitat: Wet place

Boehmeria virgata var. ***macrostachya***

(Wight) Friis & Wilmot-Dear

Distribution: WCE Nepal; 100 - 2700 m.

Growth form: Herb

Habitat: Wet place

Elatostema dissectum Wedd.

Distribution: WE Nepal; 200 - 2300 m.

Growth form: Herb

Habitat: On rock in stream.

Elatostema pusillum C. B. Clarke ex Hook.f.

Distribution: CE Nepal; 2000 - 2900 m.

Growth form: Herb

Habitat: On wet mossy rock.

Lecanthus peduncularis (Wall. ex Royle) Wedd.

Distribution: WCE Nepal; 1400 - 2400 m.

Growth form: Herb

Habitat: Wet place.

Pilea oxyodon Wedd.

Distribution: CE Nepal; 1500 - 2900 m.

Growth form: Herb

Habitat: Wet place.

Pilea oxyodon Wedd.

Distribution: CE Nepal; 1500 - 2900 m.

Growth form: Herb

Habitat: Sunny Wet place.

Pouzolzia hirta (Bl.) Hassk.

Distribution: WCE Nepal; 500 - 2400 m.

Growth form: Herb

Habitat: Wet place.

Pouzolzia zeylanica (L.) Benn.

Distribution: WCE Nepal; 72 - 2400 m.

Growth form: Herb

Habitat: Wet place

Verbenaceae

Phyla nodiflora (L.) Greene

Distribution: W C E Nepal; 88 -1400 m.

Growth form: Herb

Habitat: Marshy place.

Verbena officinalis L.

Distribution: C Nepal; 100 m.

Growth form: Herb

Habitat: Marshy place

Vitaceae

Cayratia trifolia (L.) Domin

Distribution: C Nepal; 100 m.

Growth form: Climber

Habitat: Wet place

ANGIOSPERM-MONOCOTYLEDONS

Acoraceae

Acorus calamus L.

Distribution: W C E Nepal; 100 -2500m

Growth form: Herb

Habitat: Marshy place.

Alismataceae

Alisma plantago-aquatica subsp. *orientale* (Sam.) Sam.

Distribution: W Nepal; 205 -1000 m.

Growth form: Emergent, herb

Caldesia parnassifolia (Bassi) Parl.

Distribution: W C Nepal; 100 - 700 m.

Growth form: Emergent, herb

Sagittaria guayanensis subsp. *lappula* (D.Don) Bogin

Distribution: WCE Nepal; 100 -1300 m.

Growth form: Rooted Floating Leaved, herb

Sagittaria trifolia L.

Distribution: WC Nepal; 115 - 800 m.

Growth form: Emergent, herb

Butomopsis latifolia (D.Don) Kunth

Distribution: WCE Nepal; 150 - 600 m.

Growth form: Emergent, herb

Amaryllidaceae

Crinum asiaticum L.

Distribution: CE Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Marshy place.

Crinum viviparum (Lam.) R.Ansari & V.J.Nair

Distribution: C Nepal; 100 m.

Growth form: Emergent, herb

Zephyranthes carinata Herb.

Distribution: CE Nepal; 1340 - 1820 m.

Growth form: Herb

Habitat: Bank of paddy field.

Aponogetonaceae

Aponogeton appendiculatus H.Bruggen

Distribution: E Nepal; 115 m.

Growth form: Rooted Floating Leaved, herb

Aponogeton crispus Thunb.

Distribution: C Nepal; 88 m.

Growth form: Submerged, herb

Aponogeton undulatus Roxb.

Distribution: W Nepal; 80 - 200 m.

Growth form: Submerged, herb

Habitat: Aquatic

Aponogeton natans (L.) Engl. & K. Krause

Distribution: WE Nepal; 100-200 m.

Growth form: Rooted Floating Leaved, herb

Araceae

Amorphophallus bulbifer (Roxb.) Blume

Distribution: CE Nepal; 100 - 1200 m.

Growth form: Herb

Habitat: Wet place.

***Amorphophallus paeoniifolius* (Dennst.)**

Nicolson

Distribution: C Nepal; 100 m.

Growth form: Herb

Habitat: Wet place.

***Arisaema intermedium* Blume**

Distribution: CE Nepal; 490 - 3000 m.

Growth form: Herb

Habitat: Wet place.

***Colocasia affinis* Schott**

Distribution: C Nepal; 1200 m.

Growth form: Herb

Habitat: Marshy place.

***Colocasia esculenta*(L.) Schott**

Distribution: WCE Nepal; 72 - 1200 m.

Growth form: Herb

Habitat: Marshy place.

***Colocasia fallax* Schott**

Distribution: WCE Nepal; 300 - 2000 m.

Growth form: Herb

Habitat: Marshy place.

***Lasia spinosa* (L.) Thwaites**

Distribution: W Nepal; 115 - 467 m.

Growth form: Herb

Habitat: Marshy place.

***Lemna minor* L.**

Distribution: W Nepal; 205 - 3000 m.

Growth form: Free floating herb

***Lemna perpusilla* Torr.**

Distribution: WCE Nepal; 72 -2700 m.

Growth form: Free floating herb

*Pistia stratiotes* L.

Distribution: WCE Nepal; 72 -1350 m.

Growth form: Free floating herb

***Pothos chinensis* (Raf.) Merr.**

Distribution: CE Nepal; 250 - 1500 m.

Growth form: Climber

Habitat: Wet place.

***Spirodela polyrhiza* (L.) Schleid.**

Distribution: WCE Nepal; 65 - 1500 m.

Growth form: Free floating herb

***Wolffia globosa* (Roxb.) Hartog & Plas**

Distribution: WC Nepal; 205 - 1400 m.

Growth form: Free floating herb

Arecaceae

***Calamus tenuis* Roxb.**

Distribution: WE Nepal; 115 - 600 m.

Growth form: Climbing shrub.

Habitat: Wet place.

Asparagaceae

***Chlorophytum tuberosum* (Roxb.) Baker**

Distribution: WCE Nepal; 100 -300 m.

Growth form: Herb

Habitat: Marshy place.

Peliosanthes macrophylla Wall. ex Baker

Distribution: E Nepal, Morang; 300 m.

Growth form: Herb

Habitat: Wet place in gorge

Burmanniaceae

Burmannia coelestis D. Don

Distribution: C Nepal; 300 - 1300 m.

Growth form: Herb

Habitat: Swampy place.

Burmannia disticha L.

Distribution: CE Nepal; 400 - 3000 m.

Growth form: Herb

Habitat: Swampy place.

Cannaceae

Canna indica L.

Distribution: CE Nepal; 72 - 900 m.

Growth form: Herb

Habitat: Marshy place.

Commelinaceae

Commelina benghalensis L.

Distribution: WCE Nepal; 72 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Commelina caroliniana Walter

Distribution: WCE Nepal; 700 - 1700 m.

Growth form: Herb

Habitat: Wet Places

Commelina diffusa Burm.f.

Distribution: E Nepal; 183 - 1800 m.

Growth form: Creeping herb

Habitat: Marshy place.

Commelina maculata Edgew.

Distribution: WC Nepal; 1600 - 2100 m.

Growth form: Herb

Habitat: Roadsides, ditches

Commelina paludosa Blume

Distribution: WC Nepal; 100 - 3500 m.

Growth form: Herb

Habitat: Marshy place.

Commelina suffruticosa Blume

Distribution: WC Nepal; 100 - 400 m.

Growth form: Herb

Habitat: Wet places

Cyanotis axillaris (L.) D. Don ex Sweet

Distribution: CE Nepal; 72 - 200 m.

Growth form: Herb

Habitat: Marshy place.

Cyanotis vaga (Lour.) Schult. & Schult.f.

Distribution: WCE Nepal; 600 - 2700 m.

Growth form: Herb

Habitat: Marshy place.

Floscopa scandens Lour.

Distribution: CE Nepal; 467 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Murdannia blumei (Hassk.) Brenan

Distribution: C Nepal; 1200 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Murdannia nudiflora (L.) Brenan

Distribution: WCE Nepal; 72 - 1500 m.

Growth form: Herb

Habitat: Marshy place

Murdannia vaginata (L.) G.Bruckn.

Distribution: E Nepal; 200 m.

Growth form: Herb

Habitat: Marshy place

Cyperaceae

Actinoscirpus grossus (L.f.) Goetgh. &
D.A.Simpson

Distribution: C Nepal; 200 - 1200 m.

Growth form: Herb

Habitat: Marshy place

Blysmus compressus (L.) Panz. ex Link

Distribution: WCE Nepal; 2300 - 4500 m.

Growth form: Herb

Habitat: Marshy places and damp grassy
ground by stream.

Bulbostylis densa (Wall.) Hand.-Mazz.

Distribution: E Nepal; 1500 - 2300 m.

Growth form: Herb

Habitat: Marshy place

Carex alopecuroides D.Don

Distribution: CE Nepal; 1200-3200 m.

Growth form: Herb

Habitat: Marshy places.

Carex anomoea Hand.-Mazz.

Distribution: W Nepal; Taplejung; 3400 m.

Growth form: Herb

Habitat: Marshy place.

Carex breviprophylla O.Yano

Distribution: C Nepal; 1200-2000 m.

Growth form: Herb

Habitat: Near rivers.

Carex cruciata Wahlenb.

Distribution: E Nepal; 1500 – 3400 m.

Growth form: Herb

Habitat: Marshy place

Carex dimorpholepis Steud.

Distribution: WC Nepal; 800 – 2300 m.

Growth form: Herb

Habitat: Marshy place

Carex finitima Boott

Distribution: CE Nepal; 2700 - 3900 m.

Growth form: Herb

Habitat: Streamsides.

Carex fucata Boott ex C.B.Clarke

Distribution: C Nepal; 2400 - 4000 m.

Growth form: Herb

Habitat: Waterlogged meadows, riverbed and streamside.

Carex fusiformis Nees

Distribution: C Nepal; 2200 - 3500 m.

Growth form: Herb

Habitat: Wet places and streamsides.

****Carex himalaica*** T.Koyama

Distribution: CENepal; 2800 - 3800 m.

Growth form: Herb

Habitat: Wet ground.

Carex lehmannii Drejer

Distribution: WCE Nepal; 3100-4100 m.

Growth form: Herb

Habitat: Wet places.

Carex longicuris Nees

Distribution: E Nepal; Bheri river; 1830 m.

Growth form: Herb

Habitat: Wet ground.

Carex longipes D.Don

Distribution: CENepal; 1500 - 2200 m.

Growth form: Herb

Habitat:Wet ground.

Carex nubigena D. Don

Distribution: WCE Nepal; 115 – 4000 m.

Growth form: Herb

Habitat: Marshy place

Carex myosurus Nees

Distribution: CE Nepal; 800 - 2900 m.

Growth form: Herb

Habitat: Marshy place

Carex parva Nees

Distribution: WCE Nepal; 2800 - 4780 m.

Growth form: Herb

Habitat:Boggy area.

Carex pseudofoetida Kuek. subsp.
afghanica Kukkonen

Distribution: CE Nepal; 3050-4800 m.

Growth form: Herb

Habitat: Wet places.

Carex pseuduncinoides (Noltie) O.Yano
& S.R.Zhang

Distribution: WE Nepal; 3600 - 4900 m.

Growth form: Herb

Habitat: Side of lake.

Carex pulchra Boott

Distribution: E Nepal; 2000 - 3300 m.

Growth form: Herb

Habitat:Marshy and peaty meadows.

Carex rara Boott

Distribution: WCE Nepal; 2400 - 4000 m.

Growth form: Herb

Habitat: Wet and damp meadows.

Carex uncinoides Boott

Distribution: WE Nepal; 3500 - 4600 m.

Growth form: Herb

Habitat: Damp peaty soil.

Cladium jamaicense Crantz subsp.

Chinense (Nees) T.Koyama

Distribution: C Nepal, 2500-2600 m.

Growth form: Herb

Habitat: Boggy area.

Cyperus albescens (Steud.) Larridon & Govaerts

Distribution: WCE Nepal; 300 - 2100 m.

Growth form: Herb

Habitat: Marshy place.

Cyperus alternifolius L.

Distribution: C E Nepal; 600 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Cyperus alternifolius subsp.
flabelliformis Kuk.

Distribution: C E Nepal; 183 - 600 m.

Growth form: Herb

Habitat: Marshy place

Cyperus amabilis Vahl

Distribution: E Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Marshy place

Cyperus alulatus J.Kern

Distribution: W Nepal; 1100 m.

Growth form: Herb

Habitat: Marshy place

Cyperus brevifolius (Rottb.) Hassk.

Distribution: WCE Nepal; 100 - 2300 m.

Growth form: Herb

Habitat: Marshy place

Cyperus compactus Retz.

Distribution: C Nepal; 100 - 600 m.

Growth form: Herb

Habitat: Marshy place

Cyperus compressus L.

Distribution: E Nepal; 600 - 1200 m.

Growth form: Herb

Habitat: Marshy place

Cyperus corymbosus Rottb.

Distribution: C Nepal; 100 m.

Growth form: Herb

Habitat: Marshy place

Cyperus cuspidatus Kunth.

Distribution: E Nepal; 100 - 1700 m.

Growth form: Herb

Habitat: Marshy place

Cyperus cyperinus (Retz.) Valck.Sur.

Distribution: C Nepal; 1000 -1700 m.

Growth form: Herb

Habitat: Wet places.

Cyperus cyperoides (L.) Kuntze

Distribution: E Nepal; 100 - 2400 m.

Growth form: Herb

Habitat: Marshy place

Cyperus difformis L.

Distribution: WE Nepal; 1000 - 2700 m.

Growth form: Herb

Habitat: Marshy place

Cyperus diffusus Vahl.

Distribution: WE Nepal; 200 – 900 m.

Growth form: Herb

Habitat: Marshy place

Cyperus digitatus Roxb.

Distribution: W Nepal; 1100 m.

Growth form: Herb

Habitat: Marshy place

Cyperus distans L.f.

Distribution: C E Nepal; 100 - 1100 m.

Growth form: Herb

Habitat: Marshy place

Cyperus esculentus L.

Distribution: WC Nepal;100 - 2300 m.

Growth form: Herb

Habitat: Marshy place

Cyperus exaltatus Retz.

Distribution: E Nepal; 200 m.

Growth form: Herb

Habitat: Marshy place

Cyperus flavidus Retz.

Distribution: WCE Nepal; 115 - 3800 m.

Growth form: Herb

Habitat: Marshy place

Cyperus haspan L.

Distribution: C E Nepal; 100 - 1200 m.

Growth form: Herb

Habitat: Marshy place

Cyperus iria L.

Distribution: WC E Nepal; 88 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Cyperus malaccensis Lam.

Distribution: E Nepal; 100-700 m.

Growth form: Herb

Habitat: Wet ground.

Cyperus michelianus (L.) Delile

Distribution: E Nepal; 100 - 200 m.

Growth form: Herb

Habitat: Wet places, rice fields.

Cyperus mindorensis (Steud.) Huygh

Distribution: C E Nepal; 88 - 1200 m.

Growth form: Herb

Habitat: Marshy place

Cyperus neochinensis (Tang & F.T. Wang) Bauters

Distribution: CE Nepal; 80 - 1400 m.

Growth form: Herb

Habitat: Edge of paddy field.

Cyperus nutans Vahl.

Distribution: WC E Nepal; 115 - 2600 m.

Growth form: Herb

Habitat: Marshy place

Cyperus pangorei Rottb.

Distribution: CE Nepal; 150 - 1200 m.

Growth form: Herb

Habitat: Wet ground.

Cyperus papyrus L.

Distribution: C Nepal; 1300-1500 m.

Growth form: Emergent, herb

Cyperus pilosus Vahl

Distribution: C Nepal; 72 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Cyperus platystylis R.Br.

Distribution: C Nepal; 115 - 467 m.

Growth form: Herb

Habitat: Marshy place

Cyperus procerus Rottb.

Distribution: C Nepal; 200 m.

Growth form: Herb

Habitat: Marshy place

Cyperus pseudokyllingoides Kük.

Distribution: C Nepal; 200 - 1200 m.

Growth form: Herb

Habitat: Marshy place

Cyperus pumilus L.

Distribution: CE Nepal; 100 - 700 m.

Growth form: Herb

Habitat: Marshy place

Cyperus rotundus L.

Distribution: WC ENepal; 88 - 2400 m.

Growth form: Herb

Habitat: Marshy place

Cyperus sanguinolentus Vahl.

Distribution: CE Nepal; 100 - 2900 m.

Growth form: Herb

Habitat: Marshy place

Cyperus substramineus Kuk.

Distribution: E Nepal, 100 - 200 m.

Growth form: Herb

Habitat: Marshy meadows.

Cyperus tenuiculmis Boeckeler

Distribution: CE Nepal; 230 - 1300 m.

Growth form: Herb

Habitat: Rice field.

Cyperus tenuispica Steud.

Distribution: WCE Nepal, 150 - 1400 m.

Growth form: Herb

Habitat: Wet ground.

Cyperus uniolooides R.Br.

Distribution: CE Nepal, 900 - 1900 m.

Growth form: Herb

Habitat: Marshy meadows.

*Eleocharis acutangula* (Roxb.) Schult.

Distribution: C Nepal; 300 m.

Growth form: Herb

Habitat: Marshy place

Eleocharis atropurpurea (Retz.)

J.Presl & C.Presl

Distribution: CE Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Marshy place

Eleocharis congesta D. Don

Distribution: WCE Nepal; 100 - 2300 m.

Growth form: Emergent, herb

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

Distribution: C E Nepal; 200 - 600 m.

Growth form: Emergent, herb

Eleocharis palustris (L.) Roem. & Schult.

Distribution: WC Nepal; 2000 - 3800 m.

Growth form: Herb

Habitat: Marshy place

Eleocharis quinqueflora (Hartmann)

O.Schwarz

Distribution: C Nepal, 2000 - 3400 m.

Growth form: Herb

Habitat: Marshy places.

Eleocharis retroflexa (Poir.) Urb.

Distribution: E Nepal; 200 - 3000 m.

Growth form: Herb

Habitat: Marshy place

Eleocharis tetraquetra Nees

Distribution: CE Nepal; 1400 - 3500 m.

Growth form: Herb

Habitat: Marshy place

Eleocharis uniglumis (Link) Schult.

Distribution: E Nepal; 3300 - 3400 m.

Growth form: Herb

Habitat: Marshy places.

Fimbristylis aestivalis (Retz.) Vahl

Distribution: CE Nepal; 100 - 2000 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis bisumbellata (Forssk.)

Bubani

Distribution: WC Nepal; 800 - 1100 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis complanata (Retz.) Link

Distribution: WCE Nepal; 300 - 3100 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis dichotoma (L.) Vahl

Distribution: CE Nepal; 72 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis falcata (Vahl) Kunth

Distribution: C Nepal; 200 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis fimbristylodes (F.Muell.)

Druce

Distribution: CE Nepal; 500 - 2300 m.

Growth form: Herb

Habitat: Wet ground.

Fimbristylis littoralis Gaud.

Distribution: CE Nepal; 100 - 2000 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis ovata (Burm.f.) J.Kern

Distribution: CE Nepal; 88 - 850 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis pierotii Miq.

Distribution: WC Nepal; 700 - 2400 m.

Growth form: Herb

Habitat: Wet ground.

Fimbristylis quinquangularis

subsp. *quinquangularis*

Distribution: CE Nepal; 100 - 200 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis schoenoides (Retz.) Vahl

Distribution: CE Nepal; 440 - 950 m.

Growth form: Herb

Habitat: Marshy ground.

Fimbristylis stolonifera C.B. Clarke

Distribution: WC Nepal; 1800 - 2900 m.

Growth form: Herb

Habitat: Swampy place.

Fimbristylis squarrosa Vahl

Distribution: WCE Nepal; 500 - 1500 m.

Growth form: Herb

Habitat: Marshy place

Fimbristylis umbellaris (Lam.) Vahl

Distribution: C Nepal; 1500 - 1600 m.

Growth form: Herb

Habitat: Marshy places, wet ground.

Fuiren aciliaris (L.) Roxb.

Distribution: E Nepal; 100 - 200 m.

Growth form: Herb

Habitat: Rice field, river margins.

Isolepis setacea (L.) R.Br.

Distribution: E Nepal; 2200 - 3800 m.

Growth form: Herb

Habitat: Marshy place

Rhynchospora rubra (Lour.) Makino

Distribution: C Nepal, 1300-1400 m.

Growth form: Herb

Habitat: Rice field, wet places.

Rhynchospora rugosa (Vahl) Gale
subsp. ***brownii*** (Roem. &Schult.)
T.Koyama

Distribution: CE Nepal, 1800 - 2300 m.

Growth form: Herb

Habitat: Swampy place.

Schoenoplectiella articulata (L.) Lye

Distribution: C Nepal; 100 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Schoenoplectiella juncooides (Roxb.) Lye

Distribution: WCE Nepal; 88 - 2700 m.

Growth form: Herb

Habitat: Marshy place

Schoenoplectiella lateriflora (J.F.Gmel.)
Lye

Distribution: E Nepal; 700 - 1200 m.

Growth form: Herb

Habitat: Wet places.

Schoenoplectus litoralis (Schrad.) Palla

Distribution: C Nepal; 600 - 1400 m.

Growth form: Herb

Habitat: Marshy place

- Schoenoplectiella mucronata*** (L.) J.Jung & H.K. Choi
 Distribution: CE Nepal; 72 - 2000 m.
 Growth form: Herb
 Habitat: Marshy place
- # ***Schoenoplectiella supina*** (L.) Lye
 Distribution: E Nepal; 700 - 1200 m.
 Growth form: Herb
 Habitat: Marshy place
- Schoenoplectus tabernaemontani*** (C.C.Gmel.) Palla
 Distribution: C Nepal, 2500 - 3700 m.
 Growth form: Herb
 Habitat: Rice fields, Wet places
- Scirpus rosthornii*** Diels
 Distribution: E Nepal, 1500 m.
 Growth form: Herb
 Habitat: Swamps, Wet places.
- Scleria levis*** Retz.
 Distribution: WNepal; 150 m.
 Growth form: Herb
 Habitat: Wet grassland.
- Scleria parvula*** Steud.
 Distribution: CE Nepal; 115 - 1600 m.
 Growth form: Herb
 Habitat: Marshy place
- Trichophorum pumilum*** (Vahl) Schinz & Thell.
 Distribution: C Nepal, 1500 m.
 Growth form: Herb
 Habitat: River margins.
- Eriocaulaceae**
Eriocaulon alpestre Hook.f. & Thomson ex Koern.
 Distribution: C Nepal; 3400 - 3500 m.
 Growth form: Herb
 Habitat: Wet ground
- Eriocaulon cinereum*** R.Br.
 Distribution: WC Nepal; 100 - 2300m
 Growth form: Herb
 Habitat: Marshy place
- ****Eriocaulon exsertum*** Satake
 Distribution: E Nepal; 200 - 467 m.
 Growth form: Herb
 Habitat: Marshy place
- Eriocaulon hamiltonianum*** Mart.
 Distribution: W Nepal; 1150 m.
 Growth form: Herb
 Habitat: Open wet place
- ****Eriocaulon nepalense*** var. ***luzulifolium*** (Mart.) Praj. & J.Parn.
 Distribution: C Nepal; 1600 m.
 Growth form: Herb
 Habitat: Marshy place

Eriocaulon nepalense J.D.Prescott ex Bong.

Distribution: WCENepal; 1500 – 3000 m.

Growth form: Herb

Habitat: Marshy place

**Eriocaulon obclavatum* Satake

Distribution: E Nepal; 100-300 m.

Growth form: Herb

Habitat: Wet ground

Eriocaulon oryzetorum Mart.

Distribution: WC Nepal; 600 m.

Growth form: Herb

Habitat: Marshy place

Eriocaulon quinquangulare L.

Distribution: C Nepal

Growth form: Herb

Habitat: Wet ground

Eriocaulon sollyanum Royle

Distribution: E Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Marshy place

**Eriocaulon staintonii* Satake

Distribution: CE Nepal; 700 - 1900 m.

Growth form: Herb

Habitat: Wet ground

**Eriocaulon trisectoides* Satake

Distribution: CE Nepal; 700-2400 m.

Growth form: Herb

Habitat: Wet ground.

Eriocaulon xeranthemum Mart.

Distribution: CE Nepal

Growth form: Herb

Habitat: Wet ground

Hydrocharitaceae

Blyxa aubertii Rich

Distribution: WCE Nepal; 180 - 1200 m.

Growth form: Submerged herb

Blyxa echinosperma (C.B.Clarke) Hook.f.

Distribution: WCE Nepal; 700 - 2000 m.

Growth form: Submerged herb

Blyxa japonica (Miq.) Maxim. ex Asch. & Gürke.

Distribution: CE Nepal; 115 - 800 m.

Growth form: Submerged herb

Hydrilla verticillata (L.f.) Royle

Distribution: WCE Nepal; 100 - 1500 m.

Growth form: Submerged herb

Hydrocharis dubia (Blume) Backer

Distribution: CE Nepal; 115 - 300 m.

Growth form: Free Floating herb

***Hydrocharis morsus-ranae* L.**

Distribution: CE Nepal; 115 - 2500 m.

Growth form: Free Floating herb

***Najas graminea* Delile**

Distribution: WCE Nepal; 100 - 2300 m.

Growth form: Submerged herb

***Najas minor* All.**

Distribution: C Nepal; 700 m.

Growth form: Submerged herb

***Nechamandra alternifolia* (Roxb. ex Wight) Thwaites**

Distribution: WC Nepal; 600 - 900 m.

Growth form: Submerged herb

***Ottelia alismoides* (L.) Pers.**

Distribution: WCE Nepal; 72 - 500 m.

Growth form: Submerged herb

***Vallisneria natans* (Lour.) H. Hara**

Distribution: WCE Nepal; 88 - 1300 m.

Growth form: Submerged herb

***Vallisneria spiralis* L.**

Distribution: W Nepal; 100 - 200 m.

Growth form: Submerged herb

Iridaceae

***Iris clarkei* Baker ex Hook.f.**

Distribution: C Nepal; 3800 m.

Growth form: Herb

Habitat: Marshy meadow.

***Iris pseudacorus* L.**

Distribution: C Nepal; 1400 m.

Growth form: Emergent, herb

Juncaceae

***Juncus allioides* Franch.**

Distribution: WCE Nepal; 3000 - 5000 m.

Growth form: Herb

Habitat: Along river banks and glacial sand by lake

***Juncus amplifolius* A. Camus.**

Distribution: E Nepal; 3800 - 4000 m.

Growth form: Herb

Habitat: Eroded banks by river.

***Juncus articulatus* L.**

Distribution: WC Nepal; 2300 - 3800 m.

Growth form: Herb

Habitat: Marshy place

***Juncus benghalensis* Kunth.**

Distribution: WCE Nepal; 2200 - 4600 m.

Growth form: Herb

Habitat: Wet meadows, on river and stream banks and sandy moraines.

***Juncus brachystigma* Sam.**

Distribution: WC Nepal; 3000 - 4800 m.

Growth form: Herb

Habitat: Damp ground above moraine and grassy streamsides.

***Juncus bufonius* L.**

Distribution: WCE Nepal; 115 - 2400 m.

Growth form: Herb

Habitat: Marshy place

***Juncus cephalostigma* Samuelsson**

Distribution: CE Nepal; 3400 - 4600 m.

Growth form: Herb

Habitat: Wet places, on mossy rocks and roadsides by stream in fir forest.

***Juncus chrysocarpus* Buch.**

Distribution: WCE Nepal; 2400 - 4400 m.

Growth form: Herb

Habitat: Wet ground and on mossy rocks.

***Juncus concinnus* D.Don**

Distribution: WCE Nepal; 2000 - 4400 m.

Growth form: Herb

Habitat: Wet grassland.

***Juncus duthiei* (C.B.Clarke) H.J.Noltie**

Distribution: CE Nepal; 3000 - 4900 m.

Growth form: Herb

Habitat: Wet gravelly banks.

***Juncus effuses* L.**

Distribution: WCE Nepal; 1800 - 3000 m.

Growth form: Herb

Habitat: Wet grasslands, muddy ground, pools, lake margins, river banks and fields.

***Juncus ganeshii* F.Miyamoto & H.Ohba**

Distribution: C Nepal; 4400 - 4500 m.

Growth form: Herb

Habitat: Marshy place

***Juncus himalensis* Klotzsch**

Distribution: WCE Nepal; 2700 - 5200 m.

Growth form: Herb

Habitat: Wet places and on gravelly streamsides.

***Juncus inflexus* L.**

Distribution: WCE Nepal; 1400 - 3200 m.

Growth form: Herb

Habitat: Damp grassy slopes, swamp and beside ditches and streams.

***Juncus kingie* Rendle**

Distribution: WCE Nepal; 2200 - 5000 m.

Growth form: Herb

Habitat: Damp grassland.

***Juncus leptospermus* Buch.**

Distribution: CE Nepal; 2100 - 3500 m.

Growth form: Herb

Habitat: Open marshy place.

***Juncus leucanthus* Royle ex D.Don**

Distribution: WCE Nepal; 2000 - 4900 m.

Growth form: Herb

Habitat: Damp ground.

Juncus minimus Buch.

Distribution: WCE Nepal; 4000 - 5300 m.

Growth form: Herb

Habitat: River banks, wet gravel.

Juncus prismatocarpus R. Br.

Distribution: WC Nepal; 900 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Juncus sikkimensis Hook.fil.

Distribution: WCE Nepal; 3000 - 4600 m.

Growth form: Herb

Habitat: Wet grassland, on damp slopes and in stream sides.

Juncus sphacelatus Decaisne

Distribution: WCE Nepal; 3600 - 5200 m.

Growth form: Herb

Habitat: Marshy places.

Juncus thomsonii Buch.

Distribution: WCE Nepal; 3000 - 4900 m.

Growth form: Herb

Habitat: Marshy places.

Juncus triglumis L.

Distribution: WCE Nepal; 2400 - 5000 m.

Growth form: Herb

Habitat: Marshy places.

Juncus uniflorus W.W.Smith

Distribution: E Nepal; 3600 - 5000 m.

Growth form: Herb

Habitat: Open damp and wet places.

Juncus wallichianus Laharpe

Distribution: E Nepal; 1300 - 3000 m.

Growth form: Herb

Habitat: Wet slopes, stream sides, marshy places, fields.

Luzula effusa Buch.

Distribution: E Nepal; 2900 - 3400 m.

Growth form: Herb

Habitat: Wet place in forest.

Luzula multiflora (Retz.) Lejeune

Distribution: WCE Nepal; 3000 - 4000 m.

Growth form: Herb

Habitat: Wet ground.

Juncaginaceae

Triglochin maritima L.

Distribution: WC Nepal; 2600 - 4600 m.

Growth form: Herb

Habitat: Marshy place

Triglochin palustris L.

Distribution: WCE Nepal; 2300 - 4700 m.

Growth form: Herb

Habitat: Marshy place

Orchidaceae

Dactylorhiza hatagirea (D.Don) Soo

Distribution: WCE Nepal; 2800 – 4600 m.

Growth form: Herb

Habitat: Wet place

Epipactis royleana Lindl.

Distribution: WC Nepal; 2700 - 3700 m.

Growth form: Herb

Habitat: Boggy place, open wet place.

Epipactis veratrifolia Boiss. & Hohen.

Distribution: W Nepal; 1830 m.

Growth form: Herb

Habitat: Marshy place.

Spiranthes sinensis (Pers.) Ames

Distribution: WCE Nepal; 100 - 4600 m.

Growth form: Herb

Habitat: Marshy place

Zeuxine strateumatica (L.) Schltr.

Distribution: WC Nepal; 400 – 1200 m.

Growth form: Herb

Habitat: Marshy place

Pandanaceae

Pandanus furcatus Roxb.

Distribution: CE Nepal; 100 - 1600 m.

Growth form: Shrub

Habitat: Marshy place

Pandanus odorifer (Forssk.) Kuntze

Distribution: E Nepal; 100 m.

Growth form: Shrub

Habitat: Water-logged ground

Poaceae

Apluda mutica L.

Distribution: WCE Nepal; 100 - 2500 m

Growth form: Herb

Habitat: Marshy place

Arundinella bengalensis (Spreng.)

Druce

Distribution: CE Nepal; 115 - 1100 m.

Growth form: Herb

Habitat: Marshy place

**Arundinella nepalensis* Trin.

Distribution: WCE Nepal; 72 - 2500 m.

Growth form: Herb

Habitat: Marshy place

Arundo donax L.

Distribution: W Nepal; 200 - 2400 m.

Growth form: Herb

Habitat: Marshy place

#*Axonopus compressus* (Sw.) P.Beauv.

Distribution: CE Nepal; 183 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Bothriochloa bladhii (Retz.) S.T.Blake
Distribution: WCE Nepal; 100 – 2600 m.
Growth form: Herb
Habitat: Marshy place

Bothriochloa pertusa (L.) A.Camus
Distribution: WCE Nepal; 88 - 3800 m.
Growth form: Herb
Habitat: Marshy place

Brachiaria mutica (Forssk.) Stapf
Distribution: E Nepal; 200 m.
Growth form: Herb
Habitat: Marshy place

Brachiaria ramosa (L.) Stapf
Distribution: CE Nepal; 200 - 1800 m.
Growth form: Herb
Habitat: Marshy place

Brachiaria reptans (L.) C. A. Gardner & C.E.Hubb.
Distribution: CE Nepal; 100 m.
Growth form: Herb
Habitat: Wet place

Capillipedium assimile (Steud.) A. Camus
Distribution: CE Nepal; 490 - 2100 m.
Growth form: Herb
Habitat: Wet place

Cenchrus americanus (L.) Morrone
Distribution: WCE Nepal; 100 - 2300 m.
Growth form: Herb
Habitat: Wet place

Cenchrus orientalis (Rich.) Morrone
Distribution: WC Nepal; 183 - 2000 m.
Growth form: Herb
Habitat: Wet place

Chrysopogon aciculatus (Retz.) Trin.
Distribution: CE Nepal; 88 - 1700 m.
Growth form: Herb
Habitat: Marshy place

Chrysopogon lawsonii (Hook.f.) Veldkamp
Distribution: CE Nepal; 183 - 200 m.
Growth form: Herb
Habitat: Marshy place

Chrysopogon zizanioides (L.) Roberty
Distribution: W Nepal; 72 - 300 m.
Growth form: Herb
Habitat: Marshy place

Coix lacryma-jobi L.
Distribution: WCE Nepal; 72 - 2100 m.
Growth form: Herb
Habitat: Marshy place

Cymbopogon jwarancusa (Jones) Schult.

Distribution: WCE Nepal; 88 - 2000 m.

Growth form: Herb

Habitat: Marshy place

Cynodon dactylon (L.) Pers.

Distribution: WCE Nepal; 72 - 3000 m.

Growth form: Herb

Habitat: Wet place

Cyrtococcum patens var. ***latifolium*** (Honda) Ohwi

Distribution: CE Nepal; 100 - 1400 m.

Growth form: Herb

Habitat: Wet place

Dactyloctenium aegyptium (L.) Willd.

Distribution: CE Nepal; 100 - 900 m.

Growth form: Herb

Habitat: Wet place

Desmostachya bipinnata (L.) Stapf

Distribution: C Nepal; 100 m.

Growth form: Herb

Habitat: Wet place

Deschampsia cespitosa (L.) P.Beauv.

Distribution: C Nepal, 2600-4850 m.

Growth form: Herb

Habitat: Wet places.

Dichanthium annulatum (Forssk.) Stapf

Distribution: C Nepal; 100 m.

Growth form: Herb

Habitat: Wet place

Digitaria ciliaris (Retz.) Koeler

Distribution: CE Nepal; 100 - 1500 m.

Growth form: Herb

Habitat: Wet place

Digitaria longiflora (Retz.) Pers.

Distribution: CE Nepal; 467 - 1100 m.

Growth form: Herb

Habitat: Wet place

Digitaria setigera Roth

Distribution: CE Nepal; 100 - 700 m.

Growth form: Herb

Habitat: Wet place

Echinochloa picta (J.Koenig) P. W. Michael

Distribution: WCE Nepal, 150 - 200 m.

Growth form: Herb

Habitat: Stagnant water.

Echinochloa colona (L.) Link

Distribution: WCENepal; 72 - 2400 m.

Growth form: Herb

Habitat: Marshy place

Echinochloa crus-galli (L.) P.Beauv.

Distribution: WCE Nepal; 100 - 2400 m.

Growth form: Herb

Habitat: Marshy place

Echinochloa crus-pavonis (Kunth)
Schult.

Distribution: E Nepal; 200 m.

Growth form: Herb

Habitat: Marshy place

Echinochloa stagnina (Retz.) P.Beauv.

Distribution: E Nepal; 200 m.

Growth form: Emergent, herb

Elytrophorus spicatus (Willd.) A.Camus

Distribution: CE Nepal; 200 - 1400 m.

Growth form: Herb

Habitat: Wet place

Eleusine indica(L.) Gaertn.

Distribution: WCE Nepal; 113 - 2600 m.

Growth form: Herb

Habitat: Marshy place

Eriochloa procera (Retz.) C.E.Hubb.

Distribution: WCE Nepal; 100 - 200 m.

Growth form: Herb

Habitat: Marshy place

Eragrostis amabilis (L.) Wight & Arn.

Distribution: C Nepal; 72 - 1000 m.

Growth form: Herb

Habitat: Marshy place

Eragrostis atrovirens (Desf.) Trin. ex
Steud.

Distribution: CE Nepal; 100 - 1800 m.

Growth form: Herb

Habitat: Marshy place

Eragrostis gangetica (Roxb.) Steud.

Distribution: C Nepal; 100 m.

Growth form: Herb

Habitat: Marshy place

Eragrostis japonica (Thunb.) Trin.

Distribution: CE Nepal; 100 - 1700 m.

Growth form: Herb

Habitat: Marshy place

Eragrostis uniolooides (Retz.) Nees ex
Steud.

Distribution: WCE Nepal; 100 - 2200 m.

Growth form: Herb

Habitat: Marshy place

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

Distribution: WCE Nepal; 100 - 2600 m.

Growth form: Herb

Habitat: Wet place

Glyceria tonglensis C.B.Clarke

Distribution: WCE Nepal, 2100 - 4100 m.

Growth form: Herb

Habitat: Marshy places.

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

Distribution: CE Nepal; 100 - 900 m.

Growth form: Herb

Habitat: Marshy place

Hygroryza aristata (Retz.) Nees ex Wight & Arn.

Distribution: WC Nepal; 100 - 1400 m.

Growth form: Free Floating herb

Hymenachne amplexicaulis (Rudge) Nees

Distribution: E Nepal; 72 - 467 m.

Growth form: Emergent, herb

Imperata cylindrica(L.) Raeusch.

Distribution: WCE Nepal; 88 - 2400 m.

Growth form: Herb

Habitat: Wet place

Isachne albens Trin.

Distribution: WCE Nepal; 72 - 2300m

Growth form: Herb

Habitat: Marshy place

Isachne globosa (Thunb.) Kuntze

Distribution: CE Nepal; 115 - 1500 m.

Growth form: Herb

Habitat: Marshy place

Ischaemum rugosum Salisb.

Distribution: WCE Nepal; 72 - 800 m.

Growth form: Herb

Habitat: Marshy place

#Leersia hexandra Sw.

Distribution: WCE Nepal; 100 - 800 m.

Growth form: Emergent, herb

Leptochloa chinensis (L.) Nees

Distribution: WE Nepal; 100 - 1200 m.

Growth form: Herb

Habitat: Wet place

Leptochloa panicea (Retz.) Ohwi

Distribution: E Nepal; 80 - 200 m.

Growth form: Herb

Habitat: Wet place

Oplismenus burmanni (Retz.) P.Beauv.

Distribution: CE Nepal; 100 - 1800 m.

Growth form: Herb

Habitat: Wet place

Oplismenus compositus (L.) Beauv.

Distribution: CE Nepal; 100 - 2800 m.

Growth form: Herb

Habitat: Wet place

Oryza minuta J. Presl

Distribution: WC Nepal; 200 - 750 m.

Growth form: Herb

Habitat: Marshy place

Oryza officinalis Wall. ex Watt

Distribution: C Nepal, 300 - 500 m.

Growth form: Herb

Habitat: Wet ground.

Oryza rufipogon Griff.

Distribution: WC Nepal; 100 – 600 m.

Growth form: Herb

Habitat: Marshy place

Oryza sativa L.

Distribution: C Nepal; 100 - 2700 m.

Growth form: Herb

Habitat: Marshy place

Panicum paludosum Roxb.

Distribution: CE Nepal; 100 - 1100 m.

Growth form: Herb

Habitat: Marshy place

Panicum curviflorum Hornem.

Distribution: CE Nepal; 100 - 700 m.

Growth form: Herb

Habitat: Marshy place

Panicum dichotomiflorum Michx.

Distribution: C Nepal, 150 - 1200 m.

Growth form: Emergent herb

Panicum flexuosum Retz.

Distribution: CE Nepal; 100 - 1500 m.

Growth form: Herb

Habitat: Marshy place

Panicum repens L.

Distribution: CE Nepal; 100 - 800 m.

Growth form: Herb

Habitat: Marshy place

Panicum sumatrense Roth

Distribution: C E Nepal; 467 - 2000 m.

Growth form: Herb

Habitat: Marshy place

*Paspalum conjugatum* P.J.Bergius

Distribution: E Nepal, 150 - 1200 m.

Growth form: Herb

Habitat: Marshy place.

*Paspalum distichum* L.

Distribution: WCE Nepal; 72 – 2000 m.

Growth form: Herb

Habitat: Marshy place.

Paspalum scrobiculatum L.

Distribution: CE Nepal; 72 – 2200 m.

Growth form: Herb

Habitat: Marshy place

*Phalaris minor* Retz.

Distribution: WC Nepal; 100 - 1100 m.

Growth form: Herb

Habitat: Marshy place

Phalaris arundinacea L.

Distribution: E Nepal; 2100 m.

Growth form: Herb

Habitat: Marshy place

Phragmites australis (Cav.) Trin. ex Steud.

Distribution: C Nepal; 3000 - 3600 m.

Growth form: Herb

Habitat: Marshy place

Phragmites karka (Retz.) Trin. ex Steud.

Distribution: C Nepal; 610 - 3600 m.

Growth form: Herb

Habitat: Marshy place

Poa annua L.

Distribution: CE Nepal; 467 - 3500 m.

Growth form: Herb

Habitat: Marshy place

Poa pagophila Bor

Distribution: W Nepal; 4600 - 4800 m.

Growth form: Herb

Habitat: Wet ground.

Pseudoraphis brunoniana Griffith

Distribution: E Nepal; 72 - 300 m.

Growth form: Herb

Habitat: Marshy place

Polypogon fugax Nees ex Steud.

Distribution: E Nepal; 1500 - 3600 m.

Growth form: Herb

Habitat: Marshy ground.

Saccharum spontaneum L.

Distribution: WCE Nepal; 72 - 1700 m.

Growth form: Herb

Habitat: Marshy place

Sacciolepis indica (L.) Chase

Distribution: CE Nepal; 72 - 467 m.

Growth form: Herb

Habitat: Marshy place

Sacciolepis interrupta (Willd.) Stapf

Distribution: E Nepal; 72 - 200 m.

Growth form: Herb

Habitat: Marshy place

Setaria flavida (Retz.) Veldkamp

Distribution: C Nepal; 100 - 900 m.

Growth form: Herb

Habitat: Marshy place

Setaria punctata (Burm.f.) Veldkamp

Distribution: E Nepal; 72 - 200 m.

Growth form: Herb

Habitat: Marshy place

Setaria helvola (L.f.) Roem. & Schult.

Distribution: W C E Nepal; 72 - 2100 m.

Growth form: Herb

Habitat: Marshy place

Sporobolus diandrus (Retz.) P.Beauv.

Distribution: CE Nepal; 100 - 1400 m.

Growth form: Herb

Habitat: Marshy place

Pontederiaceae

Eichhornia crassipes (Mart.) Solms

Distribution: WCE Nepal; 75 - 1500 m.

Growth form: Free Floating herb

Monochoria hastata (L.) Solms

Distribution: C E Nepal; 72 - 300 m.

Growth form: Emergent, herb

Monochoria vaginalis (Burm.f.) C.Presl

Distribution: WCE Nepal; 72 - 1800 m.

Growth form: Emergent, herb

Potamogetonaceae

Potamogeton berchtoldii Fieber

Distribution: C Nepal; 800 m.

Growth form: Submerged herb

Potamogeton crispus L.

Distribution: WCE Nepal; 100 - 2400 m.

Growth form: Submerged herb

Potamogeton distinctus A.Benn

Distribution: WC Nepal; 900 - 3000 m.

Growth form: Submerged herb

Potamogeton lucens L.

Distribution: WCE Nepal; 200 - 3000 m.

Growth form: Submerged herb

Potamogeton natans L.

Distribution: WC Nepal; 200 - 4400 m.

Growth form: Submerged herb

Potamogeton nodosus Poir.

Distribution: WCE Nepal; 115 - 3000 m.

Growth form: Rooted Floating Leaved, herb

Potamogeton octandrus Poir.

Distribution: C Nepal; 700 - 3000 m.

Growth form: Submerged herb

Potamogeton perfoliatus L.

Distribution: C Nepal; 2800 - 3300 m.

Growth form: Submerged herb

Potamogeton pusillus L.

Distribution: WC Nepal; 2100 - 3000 m.

Growth form: Submerged herb

Stuckenia filiformis (Pers.) Borner

Distribution: WC Nepal; 2000 - 4700 m.

Growth form: Submerged herb

Stuckenia pectinata (L.) Börner

Distribution: WC Nepal; 100 - 3000 m.

Growth form: Submerged herb

***Zannichellia palustris* L.**

Distribution: WCE Nepal; 100 - 1100 m.

Growth form: Submerged herb

Typhaceae

***Typha angustifolia* L.**

Distribution: WCE Nepal; 72 - 300 m.

Growth form: Emergent, herb

***Typha elephantina* Roxb.**

Distribution: E Nepal; 260 m.

Growth form: Emergent, herb

Xyridaceae

***Xyris capensis* Thunb. var. *schoenoides*
(Mart.) L.A.Nilsson**

Distribution: C Nepal; 1800 - 2700 m.

Growth form: Herb

Habitat: Wet places and swamps

***Xyris pauciflora* Willd.**

Distribution: E Nepal; 200 - 1000 m.

Growth form: Herb

Habitat: Marshy place

Zingiberaceae

***Alpinia malaccensis* (Burm.f.) Roscoe**

Distribution: C Nepal, Chitwan; 390 m.

Growth form: Herb

Habitat: Wet ground

***Kaempferia rotunda* L.**

Distribution: CE Nepal; 467 - 2100 m.

Growth form: Herb

Habitat: Wet place

***Zingiber zerumbet* (L.) Roscoe ex Sm.**

Distribution: C Nepal; 190 m.

Growth form: Herb

Habitat: On shady sandy forest floor at riverside.

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Photos



Acorus calamus



Azolla pinnata



Colocasia esculenta



Commelina sp.



Desmodium triflorum



Floscopa scandens



Eriocaulon exertum



Grangea madraspatana



Heliotropium indicum



Hygoryza aristata



Ipomoea carnea subsp. *fistulosa*



Ipomoea aquatic



Lasia spinosa



Ludwigia octovalvis



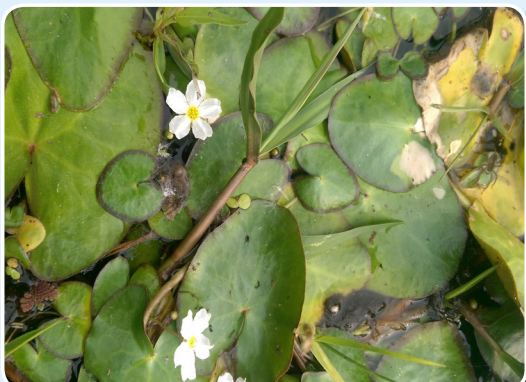
Marsilea minuta



Merremia hederacea



Nelumbo nucifera



Nymphoides hydrophylla



Nymphoides indica



Oryza rufipogon



Ottelia alismoides



Pandanus furcatus



Potamogeton sp.



Potamogeton nodosus



Polygonum plebejum



Pistia stratiotes



Spirodela polyrhiza



Utricularia aurea



Phyla nodiflora



Aponogeton crispus



Schoenoplectiella juncooides



Ceratopteris thalictroides



Eclipta prostrata



Evolvulus nummularius



Mimosa rubicaulis



Pothos chinensis



Limnophila sessiliflora



Monochoria vaginalis



Euploca strigosa

Table 1: Wetland Dependent Endemic Plant Species of Nepal

S.N	Name	Family	Habit	Habitat
1	<i>Arundinella nepalensis</i>	Poaceae	Herb	Marshy place
2	<i>Astragalus chateri</i>	Fabaceae	Herb	Riparian
3	<i>Carex himalaica</i>	Cyperaceae	Herb	Wet place
4	<i>Corydalis clavibracteata</i>	Papaveraceae	Herb	Wet place
5	<i>Eriocaulon nepalense</i> var. <i>luzulifolium</i>	Eriocaulaceae	Herb	Marshy place
6	<i>Eriocaulon obclavatum</i>	Eriocaulaceae	Herb	Wet place
7	<i>Eriocaulon staintonii</i>	Eriocaulaceae	Herb	Wet place
8	<i>Eriocaulon trisectoides</i>	Eriocaulaceae	Herb	Wet place
9	<i>Eriocaulon exsertum</i>	Eriocaulaceae	Herb	Riparian
10	<i>Fallopia filipes</i>	Polygonaceae	Herb	Wet place
11	<i>Oxytropis arenae-ripariae</i>	Fabaceae	Herb	Riparian
12	<i>Oxytropis williamsii</i>	Fabaceae	Herb	Riparian
13	<i>Prunus taplejungnica</i>	Rosaceae	Tree	River side gravelly terraces
14	<i>Sphagnum nepalense</i>	Sphagnaceae	Herb	Wet place

Table 2: Wetland Dependent Alien Plant Species of Nepal

SN	Name	Family	Habit	Habitat
1	★ <i>Ageratina adenophora</i>	Asteraceae	Shrub	Wet place
2	★ <i>Ageratum conyzoides</i>	Asteraceae	Herb	Wet place
3	★ <i>Ageratum houstonianum</i>	Asteraceae	Herb	Wet place
4	<i>Alternanthera paronychioides</i>	Amaranthaceae	Herb	Wet place
5	★ <i>Alternanthera philoxeroides</i>	Amaranthaceae	Emergent herb	Aquatic
6	<i>Alternanthera sessilis</i>	Amaranthaceae	Herb	Wet place
7	★ <i>Amaranthus spinosus</i>	Amaranthaceae	Herb	Wet place
8	<i>Amaranthus viridis</i>	Amaranthaceae	Herb	Wet place
9	★ <i>Argemone mexicana</i>	Papaveraceae	Herb	Wet place
10	<i>Axonopus compressus</i>	Poaceae	Herb	Marshy place
11	<i>Azolla filiculoides</i> Lam. subsp. <i>filiculoides</i>	Salviniaceae	Free floating	Aquatic

12	★ <i>Bidens pilosa</i>	Asteraceae	Herb	Wet place
13	<i>Blainvillea acmella</i>	Asteraceae	Herb	Wet place
14	<i>Brachiaria mutica</i>	Poaceae	Herb	Marshy place
15	<i>Capsella bursa-pastoris</i>	Brassicaceae	Herb	Wet place
16	<i>Ceratophyllum demersum</i>	Ceratophyllaceae	Submerged herb	Aquatic
17	★ <i>Chromolaena odorata</i>	Asteraceae	Shrub	Wet place
18	<i>Cissampelos pareira</i>	Menispermaceae	Climber	Swampy place
19	<i>Coccinia grandis</i>	Cucurbitaceae	Climber	Wet place
20	<i>Corchorus aestuans</i>	Malvaceae	Herb	Wet place
21	<i>Crassocephalum crepidioides</i>	Asteraceae	Herb	Wet place
22	<i>Dactyloctenium aegyptium</i>	Poaceae	Herb	Wet place
23	<i>Eclipta prostrata</i>	Compositae	Herb	Wet place
24	★ <i>Eichhornia crassipes</i>	Pontederiaceae	Free floating herb	Aquatic
25	<i>Eleocharis acutangula</i>	Cyperaceae	Herb marshy place	
26	<i>Euphorbia heterophylla</i>	Euphorbiaceae	Herb	Wet place
27	<i>Euphorbia hirta</i>	Euphorbiaceae	Herb	Wet place
28	<i>Evolvulus nummularius</i>	Convolvulaceae	Creeping herb	Wet place
29	★ <i>Galinsoga quadriradiata</i>	Asteraceae	Herb	Wet place
30	<i>Gomphrena serrata</i>	Amaranthaceae	Herb	Wet place
31	★ <i>Ipomoea carnea</i> subsp. <i>fistulosa</i>	Convolvulaceae	Shrub	Marshy place
32	★ <i>Leersia hexandra</i>	Poaceae	Emergent herb	Aquatic
33	<i>Ludwigia hyssopifolia</i>	Onagraceae	Herb	Marshy place
34	<i>Ludwigia octovalvis</i>	Onagraceae	Herb	Wet place
35	<i>Mecardonia procumbens</i>	Plantaginaceae	Herb	Wet place
36	★ <i>Mesosphaerum suaveolens</i>	Lamiaceae	Herb	Bank of wet place
37	★ <i>Mikania micrantha</i>	Asteraceae	Climber	Wet place
38	★ <i>Mimosa pudica</i>	Fabaceae	Herb	Wet place
39	★ <i>Myriophyllum aquaticum</i>	Haloragaceae	Rooted floating herb	Aquatic
40	<i>Nasturtium officinale</i>	Brassicaceae	Emergent herb	Aquatic

41	<i>Oenothera rosea</i>	Onagraceae	Herb	Wet place
42	<i>Oxalis corniculata</i>	Oxalidaceae	Herb	Wet place
43	★ <i>Parthenium hysterophorus</i>	Asteraceae	Herb	Wet place
44	<i>Paspalum conjugatum</i>	Poaceae	Herb	Marshy place
45	<i>Paspalum distichum</i>	Poaceae	Herb	Marshy place
46	<i>Phalaris minor</i>	Poaceae	Herb	Marshy place
47	<i>Physalis peruviana</i>	Solanaceae	Herb	Wet place
48	★ <i>Pistia stratiotes</i>	Araceae	Free floating herb	Aquatic
49	<i>Portulaca oleracea</i>	Portulacaceae	Herb	Wet place
50	<i>Ricinus communis</i>	Euphorbiaceae	Shrub	Wet /Marshy place
51	<i>Ruellia tuberosa</i>	Acanthaceae	Herb	Wet place
52	<i>Schoenoplectiella supina</i>	Cyperaceae	Herb	Marshy place
53	<i>Scoparia dulcis</i>	Plantaginaceae	Herb	Wet place
54	★ <i>Senna occidentalis</i>	Fabaceae	Shrub	Wet place
55	★ <i>Senna tora</i>	Fabaceae	Herb	Wet Place
56	<i>Sida acuta</i>	Malvaceae	Herb	Wet place
57	<i>Sida cordifolia</i>	Malvaceae	Shrub	Wet place
58	<i>Sida rhombifolia</i>	Malvaceae	Herb	Wet place
59	<i>Solanum torvum</i>	Solanaceae	Herb	Bank of wet place
60	<i>Sonchus asper</i>	Asteraceae	Herb	Wet place
61	★ <i>Spergula arvensis</i>	Caryophyllaceae	Herb	Marshy place
62	★ <i>Spermacoce alata</i>	Rubiaceae	Herb	Wet place
63	<i>Sphenoclea zeylanica</i>	Sphenocleaceae	Herb	Marshy place
64	<i>Stellaria media</i>	Caryophyllaceae	Herb	Wet place
65	<i>Synedrella nodiflora</i>	Asteraceae	Herb	Wet place
66	<i>Tridax procumbens</i>	Asteraceae	Herb	Wet place
67	<i>Trifolium repens</i>	Fabaceae	Herb	Wet place
68	<i>Trifolium resupinatum</i>	Fabaceae	Herb	Wet place
69	★ <i>Xanthium strumarium</i>	Asteraceae	Herb	Wet place
70	<i>Zephyranthes carinata</i>	Amaryllidaceae	Herb	Bank of paddy field

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Girl eating the seed of *Nelumbo nucifera* in Gaidahawa, Rupandehi



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