

# **Agrobiodiversity Hotspots in India:**

**Conservation and Benefit Sharing**

**Volume II**

**M.P. Nayar, A.K. Singh, K.Narayanan Nair**



**Protection of Plant Varieties and Farmers' Rights Authority**

**Government of India**

**New Delhi**

# **Agrobiodiversity Hotspots in India:**

## **Conservation and Benefit Sharing**

### **Volume II**

© PPV & FR Authority, 2009

Final Report of the Task Force 06/2007 constituted by the PPV & FRA, vide OM No. PPV & FRA/6-22/07/1312, dated October, 08, 2007 to identify the Agrobiodiversity hotspots in India for purposes of the 'National Gene Fund' usage.

#### **Published by:**

PPV & FR Authority, NASC Complex, D.P.S. Marg, New Delhi-110012

**ISBN-978-81-908786-0-9**

**ISBN-978-81-908786-2-3**

#### **Citation:**

Nayar M.P., Singh A.K. and Nair, K.N. 2009. Agrobiodiversity Hotspots in India : Conservation and Benefit Sharing, Vol. II, i-xii+ total pages 309

#### **Photo credits:**

Dr. D. C. Bhandari, Dr. D. K. Hore, Dr. K. Narayanan Nair, Dr. M. P. Nayar, Dr. M. Sabu, Dr. M. Sanjappa, Dr. S. K. Sharma, Dr. D. K. Singh. Dr. S. R. Yadav, Dr. S. Maiti.

#### **Reviewing Scientists:**

Dr. Bhag Mal, Honorary Fellow, Bioversity International- India, New Delhi

Dr. R. S. Rana, Former Director, National Bureau of Plant Genetic Resources, New Delhi

#### **Cover page photographs** (clockwise from top left) :

● Pepper (*Piper longum*)- endemic to Malabar Agrobiodiversity Region ● Karonda (*Carissa carandas*)- an important minor fruit ● The blue Star Lily (*Nymphaea nouchali*)- widely found in water bodies ● Brinjal (*Lycopersicon esculentum*)- local variety grown in NE India ● Farmers harvesting Bach (*Acorus calamus*)-an important medicinal plant.

#### **Printed at :**

Chandu Press, D-97, Shakarpur, Delhi-110 092

शरद पवार  
SHARAD PAWAR



सत्यमेव जयते

कृषि, उपभोक्ता मामले, खाद्य और  
सार्वजनिक वितरण मंत्री  
भारत सरकार  
Minister of Agriculture & Consumer Affairs  
Food & Public Distribution  
Government of India


23<sup>rd</sup> December, 2008

## FOREWORD

I am pleased to note that the Protection of Plant Varieties and Farmers' Rights Authority has taken steps to register the plant varieties and has formulated action plan under the 'Gene fund'. This gene fund has been created to support conservation and sustainable use of Plant Genetic Resources; strengthen the capacity of the Panchayats in executing the conservation and sustainable use of plant material and to enable continued plant variety development. The Gene fund will be used to reward farming community, particularly the tribal and rural communities engaged in the conservation, improvement and preservation of Plant Genetic Resources in the agrobiodiversity hotspots of India.

Keeping this in view, the Authority constituted a Task Force to identify and characterize different agrobiodiversity hotspots in the country. The Report submitted by the Task Force titled "**Agrobiodiversity Hotspots in India: Conservation and Benefit Sharing**" also documents the useful plants in the hotspots. The Report has examined how the communities could be rewarded for their efforts. The Report has identified various botanical species, their close cultural and social linkage with the community, and has demarcated the 22 agrobiodiversity hotspots present in India.

Apart from facilitating gene fund activities, this document prepared by the PPV&FR Authority will enable India to table our view point effectively and convincingly in various international forums to discuss issues connected with Farmers' Rights, Plant Genetic Resources and biodiversity conservation.

  
(Sharad Pawar)



भारत सरकार  
पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण,  
एन.ए.एस.सी. कॉम्प्लेक्स, (टोडापुर के सामने),  
डी.पी.एस. मार्ग, नई दिल्ली-110012 (भारत)



अध्यक्ष  
CHAIRPERSON

Government of India  
Protection of Plant Varieties and Farmers'  
Rights Authority,  
N.A.S.C. Complex, (Opp. Village Todapur),  
DPS Marg, New Delhi-110012 (India)  
दूरभाष/Telephone : 25848127  
फैक्स/Fax : 011-25840478  
Website : [www.plantauthority.gov.in](http://www.plantauthority.gov.in)  
E-mail : [chairperson-ppvfra@nic.in](mailto:chairperson-ppvfra@nic.in)

## PREFACE

Agriculture including forestry, range management and sustenance of plant biodiversity have been the core of Indian civilization that dates back to several millenniums. The enormous plant diversity arising due to the varied soil, environment and altitude variations that India enjoys has resulted in the evolution of various crop species and varieties suiting to different domestic and commercial needs. This unique position of India has been well taken into account in the Protection of Plant Varieties and Farmers' Rights Act 2001.

The Gene Fund created under the law is designed to encourage, protect, promote, and utilize the plant biodiversity for plant breeding activity in perpetuity. The Gene Fund in turn gets nourished by the flow of annual fee arising out of the sale of seed of the registered varieties. Since plant species already existed and human intervention only created better performing ones, they are to assist to sustain the interest of the "keepers of plant variation" by way of institutionalizing a recognition and reward mechanism to acknowledge the services of the men and women; individuals and communities. These keepers of plant variation in the agrobiodiversity hotspots are to be beneficiaries of the Gene fund.

Following two rounds of national debate that was organized at Shillong and Annamalinagar in association with the National Biodiversity Authority, the PPV&FRA constituted a Task Force to characterize, demarcate and enlist the agrobiodiversity hotspots in India and suggest the broad principles that are to be adhered to in recognizing and rewarding the keepers of plant variation at these designated sites.

This virgin effort in defining the hotspots, listing the socio-cultural aspects of the area, listing the species of botanical and agricultural importance, the endemic species and the endangered species will enable India position its stand in various forums on the basis of well documented information. It is also felt that there can be well drafted case for "Access to Benefit Sharing (ABS)" on the basis of the information provided in these two volumes. The concerned states and agricultural universities can further elaborate and document the agriflora diversity details to further facilitate the issue of ABS. The foreword by the Honorable Union Minister for Agriculture further our position on such matters.

Apart from the Task Force members who went in to great depth and the experts who advised on specific issues, a catalytic role was played by Shri Dipal Roy Choudhury, Joint Registrar of the Authority in meticulously editing, assembling and getting this Treatise printed in two volumes.



(S. Nagarajan)

## ACKNOWLEDGEMENTS

The members of the Task Force gratefully acknowledge Dr. S. Nagarajan, Chairperson, Protection of Plant Varieties and Farmers' Rights Authority, for having entrusted us with the task of identification of the hotspots of agrobiodiversity in India and formulation of the benefit sharing as per the terms of reference. We are indebted to Dr. S. Nagarajan for extending to us the necessary facilities for our travel and interactive discussions with experts on agrobiodiversity. We are also thankful to him for giving us the road map for achieving our targets and steering us to the purpose of identification of agrobiodiversity hotspots in relation to the utilization of National Gene Fund for the benefit of traditional farming communities, especially the tribal societies and farming women who conserve traditional varieties.

Dr. S. Kannaiyan, Former Chairman, National Biodiversity Authority (NBA) has contributed substantially to the ideas of benefit sharing mandated in the Biological Diversity Act, 2002 and PPV& FR Act, 2001 at the National seminars at Shillong and Chidambaram. We are grateful to Dr.S.Kannaiyan for his support and the initiative he has taken during his tenure at NBA.

We acknowledge with gratitude several agricultural scientists of eminence whose help and advice were of immense value in the final shaping of this report. In particular we are indebted to Dr. Bhag Mal, Former Director, Indian Grasslands and Fodder Research Institute (IGFRI) and Honorary Research Fellow, Bioversity International-India for having given us the benefit of his vast experience and knowledge in plant genetic resources and sparing his valuable time for participating in the interactive discussions. We are grateful to him for meticulously going through and vetting the draft report. We are thankful to Dr. R.S. Rana, Former Director, National Bureau of Plant Genetic Resources (NBPGR) and Chairman, Bio –Links for his contributions in the interactive discussions and for suggesting his conceptual ideas on the definition of categories and sequence of presentation. Thanks are also due to Dr. A.K.Bhatnagar, Professor of Botany, University of Delhi for sharing his experience and scholarship.

We are grateful to Dr. K.S.Varaprasad, Officer-in-Charge, Regional Station, National Bureau of Plant Genetic Resources, Hyderabad for hosting the first interactive discussion at Hyderabad and providing valuable

inputs on agrobiodiversity hotspots of Bastar, Koraput, Deccan and South eastern Ghats. Our thanks are also due to all the scientists and staff of the Hyderabad Regional Station, NBPGR for the successful and productive meeting held at Hyderabad. We would also place on record our sincere gratitude to Dr. Anishetty, Former Scientist, FAO, Dr. Girish Pujar, Dr. C. Sudhakar Reddy, Dr. M.V. R. Seshasai, Senior Scientists of National Remote Sensing Agency and Dr. Ramana Murthy, State Biodiversity Board, Andhra Pradesh for participating in the discussions at Hyderabad and for their valued contributions. In the production of this work the office the PPV & FR Authority has helped us immensely. We particularly thank Shri. R. K. Trivedi, Registrar for his contributions to the interactive discussions and to Shri. Dipal Roy Choudhury, Joint Registrar for his keen interest and unstinted support during the printing of this report. The prompt secretarial assistance from Ms. Poonam Tiwari, P.S. to the Chairperson is gratefully acknowledged.

Several individuals and institutions have helped us with photographs of some important plant genetic resources and landscapes in different agrobiodiversity hotspots. We would like to place on record our sincere gratitude to all of them, specially Dr. S.K. Sharma, Director, NBPGR, New Delhi and Dr. M. Sanjappa, Director, BSI, Kolkata for having permitted us to use the photographs from their archives.

We acknowledge with thanks Dr. Babu Ambat, Director, Centre for Environmental Development (CED), Thiruvananthapuram for his help in digitizing the agrobiodiversity hotspot areas and Shri V. R. Vibhu Kumar, GIS System Analyst for his technical assistance. Our thanks are also due to Shri Roy Chacko, Environmental Resources Research Centre (ERRC), Thiruvananthapuram for his secretarial assistance and help.



M.P. Nayar  
Chairman, Task Force 6/2007

Thiruvananthapuram  
15<sup>th</sup> January, 2009



## AUTHORS



**M. P. NAYAR**, Ph D (London), F.N.A.Sc. is the former Director, Botanical Survey of India, former Chairman of Indian Subcontinent Plant Specialist Group of the Species Survival Commission of I.U.C.N, is at present President of Environmental Resources Research Centre, Thiruvananthapuram. He is the Santapau Gold Medalist in Taxonomy (2005), Professor Panchanan Maheshwari Medalist in Taxonomy and Conservation Biology (2008). He received the Pitamber Pant National Environment Fellowship of the Ministry of Environment and Forests, Government of India (1994-1997) and held the Chair in Taxonomy at the Centre of Excellence at Tropical Botanic Garden & Research Institute, Palode (1997-2000). He has published 245 scientific papers and authored and edited 21 books.



**ANIRUDH K SINGH**, Ph D, educated at Aligarh Muslim University, 1962-1966; Patna University, Max-Planck Institute Köln and Cornell University, Ithaca, 1994-95. He has made significant contributions to the management of agrobiodiversity nationally and internationally, while serving as Cytogeneticist and Germplasm Specialist, ICRISAT during 1978-1997; Project Co-ordinator Pigeon pea, Indian Institute of Pulses Research (ICAR) and Head, Germplasm Conservation Division, National Bureau of Plant Genetic Resources, New Delhi, until 31<sup>st</sup> July 2008. He was awarded “The CGIAR Chairman’s Excellence in Science Award” for “Outstanding Locally Recruited Scientist”(1997) & Fellow of the National Academy of Sciences, India.



**K. NARAYANAN NAIR**, Ph D, is associated with Plant Biodiversity & Conservation Biology Division of the National Botanical Research Institute (NBRI/CSIR), Lucknow as Senior Scientist. He is a plant taxonomist with over 22 years of research experience in systematic and diversity studies on Indian Rutaceae. Dr Nair is currently working on molecular taxonomic and genetic diversity assessment in Indian Citrus and wild relatives. Dr Nair has to his credit 17 research papers, 4 scientific articles, 7 contributed chapters to books, 3 books (Co-authored/co-edited) and 2 patents (1 filed and 1 awarded).



# CONTENTS

## Volume 2

Page No.

### ANNEXURES

Annexure- 1. Synopsis of the Agrobiodiversity hotspots in India.	5
Annexure-2. List of Endemic species of Agrobiodiversity importance.	65
Annexure-3. List of Threatened species of Agrobiodiversity importance	113
Annexure-4. List of Cultivated plants and their wild relatives in India.	134
References	303





*Annona muricata*



*Musa sikkimensis*



*Baccaurea courtallensis*



*Berberis asiatica*



*Paddy fields in Garo hills*



*Cedrus deodara*



*Vigna khandalensis*



*Vetiveria zizanioides*



*Rubus ellipticus*



*Citrus maxima*



*Citrus microcarpa*



*Sechium edule*



## Synopsis of the Agrobiodiversity hotspots in India

No	Hotspot	Location & Extent	Representative agrobiodiversity	Additional features
1.	<b>Cold Desert region</b>	<b>Jammu &amp; Kashmir:</b> Ladakh, Leh (Nubra valley) <b>Himalchal Pradesh:</b> Lahaul-Spiti.	<b>Crops:</b> Cereals: Barley ( <i>Hordeum vulgare</i> ), Wheat ( <i>Triticum aestivum</i> ); Pseudocereal: Buckwheat ( <i>Fagopyrum esculentum</i> ); Vegetables: Bell pepper ( <i>Capsicum frutescens</i> ), Cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> ), Cauliflower ( <i>Brassica oleracea</i> var. <i>botrytis</i> ), Onion ( <i>Allium cepa</i> ), Pea ( <i>Pisum sativum</i> ), Potato ( <i>Solanum tuberosum</i> ), Tomato ( <i>Lycopersicon esculentum</i> ); Fruit: Apple ( <i>Malus domestica</i> ), Apricot ( <i>Prunus armeniaca</i> ), Seabuckthorn ( <i>Hippophae rhamnoides</i> ); Medicinal plants: ( <i>Atropa acuminata</i> , <i>Dioscorea deltoidea</i> , <i>Ephedra gerardiana</i> , <i>Mentha longifolia</i> , <i>Podophyllum hexandrum</i> , <i>Saussurea bracteata</i> .  <b>Other Economic plant species:</b> Alfalfa ( <i>Medicago sativa</i> ), Poplar ( <i>Populus alba</i> , <i>P. ciliata</i> , <i>P. deltoides</i> , <i>P. nigra</i> ), Willow ( <i>Salix alba</i> , <i>S. babylonica</i> , <i>S. elegans</i> , <i>S. denticulata</i> , <i>S. fragilis</i> ).	<ul style="list-style-type: none"> <li>• Cold arid eco-region</li> <li>• Unique eco-system, declared as Globally Important Agricultural Heritage Systems (GIAHS)</li> <li>• Shallow skeletal soil</li> <li>• Vegetation sparse with willow and Himalayan rose</li> <li>• Major crops: Barley, pea, wheat, lucerne at higher altitude; Wheat, apple, apricot at lower altitude</li> <li>• Traditional system: Stone built terraces</li> <li>• Technology/products: Landraces of alfalfa, Amchi medicine system; seabuckthorn products</li> </ul>

			<p><b>Wild relatives:</b> <i>Allium carolinanum</i>, <i>A. chitralicum</i>, <i>A. gilgiticum</i>, <i>A. rubellum</i>, <i>Carum bulbocastanum</i>, <i>C. microphyllum</i>, <i>Hippophae salicifolia</i>, <i>H. tibetana</i>, <i>Hordeum aegiceras</i>, <i>H. glaucum</i>, <i>H. spontaneum</i>, <i>H. turkestanicum</i>, <i>Linum perenne</i> <i>Trigonella podperae</i>.</p> <p><b>Endemic species:</b> <i>Aconitum heterophyllum</i>, <i>A. violaceum</i>, <i>Allium chitralicum</i>, <i>A. gilgiticum</i>, <i>A. kachrooi</i>, <i>A. loratum</i>, <i>A. roylei</i>, <i>Aquilegia fragrans</i>, <i>Arnebia euchroma</i>, <i>Bergenia stracheyi</i>, <i>Biebersteinia odora</i>, <i>Bunium persicum</i>, <i>Choriospora subulosa</i>, <i>Colchicum luteum</i>, <i>Cremanthodium ellisii</i>, <i>Dactylorhiza hatagirea</i>, <i>Herminium monorchis</i>, <i>Hippophae rhamnoides</i>, <i>Meconopsis aculeata</i>, <i>Pedicularis longiflora</i> var. <i>tubiformis</i>, <i>Physochlaina praelata</i>, <i>Picrorhiza kurrooa</i>, <i>Podophyllum hexandrum</i>, <i>Rheum webbianum</i>, <i>Saussurea obvallata</i>, <i>Waldheimia tomentosa</i>.</p>	<ul style="list-style-type: none"> <li>• Tibato-Mongolian race &amp; Buddhist religion &amp; culture</li> </ul>
2.	<b>Western Himalayan region</b>	<b>Jammu &amp; Kashmir:</b> Anantnag, Badgam,	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Oat (<i>Avena sativa</i>), Ragi (<i>Eleusine coracana</i>), Rice (<i>Oryza sativa</i>), Wheat (<i>Triticum aestivum</i>); Pseudocereals: Amaranth</p>	<ul style="list-style-type: none"> <li>• Warm sub-humid and temperate eco-regions</li> <li>• Natural vegetation- Pine forests</li> </ul>

		<p>Doda, Jammu, Kathua, Kupwara, Phulwama, Srinagar, Udhampur.</p> <p><b>Himachal Pradesh:</b> Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kullu, Mandi, Shimla, Solan, Una.</p>	<p>(<i>Amaranthus hypocondriacus</i>); Millets: Foxtail millets (<i>Setaria italica</i>); Pseudocereals: Buckwheat (<i>Fagopyrum emarginatum</i>); Legumes: Black gram (<i>Vigna mungo</i>), Chick pea (<i>Cicer arietinum</i>), French bean (<i>Phaseolus vulgaris</i>), Horse gram (<i>Macrotyloma uniflorus</i>), Lentil (<i>Lens culinaris</i>), Mustard (<i>Brassica juncea</i>), Ricebean (<i>Vigna umbellata</i>), Soybean (<i>Glycine max</i>); Vegetables: Brussels sprouts (<i>B. oleracea</i> var. <i>gemmifera</i>), Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>), Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Chilli (<i>Capsicum annuum</i>); Fruit: Apple (<i>Malus domestica</i>); Tuber: Potato (<i>Solanum tuberosum</i>); Spices: Saffron (<i>Crocus sativus</i>), Sugar yielding crops: Sugarcane (<i>Saccharum officinarum</i>); Beverages: Tea (<i>Camellia sinensis</i>).</p> <p><b>Other Economic plant species:</b> Cedar wood (<i>Cedrus deodara</i>), Chir pine (<i>Pinus roxburghii</i>), Pine (<i>Pinus wallichiana</i>); Medicinal plants: <i>Aconitum heterophyllum</i>, <i>Artemisia absinthium</i>, <i>A. annua</i>, <i>Atropa acuminata</i>, <i>Bergenia ciliata</i>, <i>Cannabis indica</i>, <i>Colchicum luteum</i>, <i>Dioscorea deltoidea</i>, <i>Ephedra gerardiana</i>, <i>Inula obtusifolia</i>,</p>	<ul style="list-style-type: none"> <li>• Podzolic soil</li> <li>• Major crops: Rice, wheat, millets, maize, rajma, chick pea, mustard</li> <li>• Traditional system: terrace cultivation of paddy and plantation of crops like apples</li> </ul> <p><b>Jammu &amp; Kashmir</b></p> <ul style="list-style-type: none"> <li>• Technology/products: Aromatic rice varieties, Kuhls water channel irrigation</li> <li>• Indo-Aryan race, Influence of Hindu &amp; Muslim cultures.</li> <li>• Associated tribes: Dogris and Gujars</li> </ul> <p><b>Himachal Pradesh</b></p> <ul style="list-style-type: none"> <li>• Technology/products: Kuhl, diverting natural flowing streams through channels</li> <li>• Indo-Aryan race, Hindu culture &amp; religion</li> </ul>
--	--	---	---	---

		<p><b>Uttarakhand:</b> Almora, Bageshwar, Chamoli, Champawat, Dehradun, Garhwal, Hardwar, Nainital, Pithorgarh, Rudraprayag, Tewri- Garhwal, Udhamsingh Nagar, Uttarkashi</p>	<p><i>Macrotomia euchroma, Mentha longifolia, Nepeta floccosa, Physochlaina praelata, Picrorhiza kurrooa, Plantago himalaica, Podophyllum hexandrum, Saussurea bracteata, S. sacra, Viola biflora.</i></p> <p><b>Wild relatives:</b> <i>Abelmoschus moschatus, A. tuberculatus, Aegilops tauschii, Allium rubellum, A. schoenoprasum, A. porrum, A. ampeloprasum, A. cernuum, A. chinense, Artocarpus lakoocha, Avena barbata, A. fatua, A. sterilis</i> subsp. <i>ludoviciana, Cajanus volubilis, Carum bulbocastanum, Cinnamomum caudatum, Citrus limon, Cordia rothii, Cucumis hardwickii, Digitaria sanguinalis, Dioscorea hispida, D. deltoidea, D. kumaonensis, Eleaegnus angustifolia, Eleusine compressa, Fagopyrum esculentum, Ferula asafoetida, Hordeum aegiceras, H. turkestanicum, H. glaucum, Lactuca serriola, Lathyrus aphaca, Lepidium latifolium, Linum perenne, L. strictum, Luffa echinata, Morus australis, Malva sylvestris, M. rotundifolia, Mentha arvensis, M. arvensis</i> subsp. <i>heplocalyx, M. piperita, M. spicata, Panicum</i></p>	<ul style="list-style-type: none"> <li>• Associated tribe: Kinnauri, Lahule, Gaddi, Gujjars</li> <li>• Technology/products: Basmati rice varieties, Baranaja mixed cropping, Naula surface water harvesting</li> <li>• Indo-Aryan race, Hindu culture &amp; religion ;Tibetan and Buddhist influence</li> <li>• Associated tribe: Paharis</li> </ul>
--	--	---	---	--

		<p><i>psilopodium</i>, <i>Phoenix acaulis</i>, <i>Prunus jacquemontii</i>, <i>P. wallichii</i>, <i>Psilanthus benghalensis</i>, <i>Pyrus kumaonii</i>, <i>Ribes nigrum</i>, <i>Rosa sericea</i>, <i>R. clinophylla</i>, <i>R. foetida</i>, <i>R.</i>, <i>moschata</i>, <i>Rubus fruticosus</i>, <i>R. laciocarpus</i>, <i>R. ellipticus</i>, <i>Saccharum filifolium</i>, <i>S. rufipilum</i>, <i>S. benghalense</i>, <i>Setaria viridis</i>, <i>Solanum xanthocarpum</i>, <i>Syzygium gardneri</i>, <i>S. jambos</i>, <i>Trigonella emodii</i>, <i>T. gracilis</i>, <i>T. repens</i>, <i>Vigna trilobata</i>, <i>Ziziphus oxyphylla</i>, <i>Z. rugosa</i>.</p> <p><b>Endemic species:</b> <i>Aconitum moschatum</i>, <i>Asparagus griffithii</i>, <i>Cassia davidsonii</i>, <i>Dendrocalamus hookeri</i> var. <i>parishii</i>, <i>D. jaunsauensis</i>, <i>Indigofera cedrorum</i>, <i>I. dosua</i> var. <i>simlensis</i>, <i>I. gangetica</i>, <i>I. himalayensis</i>, <i>I. thothathrii</i>, <i>Juglans regia</i> var. <i>kumaonica</i>, <i>Lactuca benthamii</i>, <i>L. kashmiriana</i>, <i>L. lahulensis</i>, <i>Rheum webbianum</i>, <i>Rosa hookeriana</i>, <i>Rosa hirsuta</i>, <i>R. macrophylla</i> var. <i>hookeriana</i>, <i>Saussurea atkinsonii</i>, <i>S. clarkei</i>, <i>S. sudhanshui</i>, <i>Vicia benthamiana</i>.</p>	
--	--	--	--

3.	<b>Eastern Him- alayan region</b>	<p><b>Sikkim:</b> Sikkim East, Sikkim North, Sikkim south and Sikkim West.</p> <p><b>Arunachal Pradesh:</b> Anjaw, Changlang, Lower Dibang valley, Upper Dibang valley, East Kameng, East Siang, Lohit, Lower Subansiri, and Kurung Kurney, Papum Pare, Tawang, Tirap, Upper Siang, Upper Subansiri, West Kameng, West Siang.</p>	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Wheat (<i>Triticum aestivum</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>), Buckwheat (<i>Fagopyrum esculentum</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Proso millet (<i>Panicum miliaceum</i>); Legumes: Adjukibean (<i>Vigna angularis</i>), Blackgram (<i>Vigna mungo</i>), Chenopodium (<i>Chenopodium album</i>), Ricebean (<i>Vigna umbellata</i>), Swordbean (<i>Canavalia gladiata</i>); Vegetables: Brussels sprouts (<i>B. oleracea</i> var. <i>gemmifera</i>), Cabbage (<i>Brassica oleracea</i> var. <i>botrytis</i>), Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Dolichos (<i>Lablab purupureus</i>), Soybean (<i>Glycine max</i>), Winged bean (<i>Psophocarpus tetragonolobus</i>); Fruit: Banana (<i>Musa acuminata</i>), Chebulic myrobalan (<i>Terminalia chebula</i>), Citron (<i>Citrus medica</i>), Fig (<i>Ficus carica</i>), Kiwi (<i>Actinidia strigosa</i>), Lemon (<i>Citrus limon</i>), Mandarin (<i>Citrus reticulata</i>), Mango (<i>Mangifera indica</i>, <i>M. sylvatica</i>), Peach (<i>Prunus domestica</i>); Tuber: Taro (<i>Colocasia esculenta</i>), White yam (<i>Dioscorea alata</i>),</p>	<ul style="list-style-type: none"> <li>• Warm subhumid and temperate eco-regions</li> <li>• Brown hill soil</li> <li>• Natural sub-tropical and temperate pine forests</li> <li>• Major crops: rice, millets &amp; Arecanut</li> <li>• Cropping systems: rice-mustard/toria, rice-sesame and maize-mustard/toria and rice-potato</li> <li>• Traditional system: Jhum cultivation</li> <li>• <b>Sikkim</b></li> <li>• Technology/products: Jhum cultivation, Chiyang drink from finger millet, Cardamom cultivation</li> <li>• Mongoloids race with Tibetan Culture</li> <li>• Associated tribes: Abhor, Lepchas, Bhutia, Sherpa.</li> <li>• <b>Arunachal Pradesh</b></li> </ul>
----	---	---	--	---

		<p><b>West Bengal:</b> Darjeeling.</p>	<p>Yam (<i>Amorphophallus bulbifera</i>); Spices: Bengal cardamom (<i>Amomum aromaticum</i>), Black pepper (<i>Piper nigrum</i>), Cardamom (<i>Elettaria cardamomum</i>), Cinnamon (<i>Cinnamomum bejholgota</i>), Galanga (<i>Alpinia galanga</i>), Ginger (<i>Zingiber officinale</i>), Long pepper (<i>Piper longum</i>), Niger (<i>Guizotia abyssinica</i>), Perilla (<i>Perilla frutescens</i>), Turmeric (<i>Curcuma longa</i>), Oilseeds: Sesame (<i>Sesamum indicum</i>); Fibre: Jute (<i>Corchorus olitorius</i>), Mesta (<i>Hibiscus cannabinus</i>), Tree Cotton (<i>Gossypium arboreum</i>); Sugar yielding crops: Sugarcane (<i>Saccharum officinarum</i>); Beverages: Tea (<i>Camellia sinensis</i>).</p> <p><b>Other Economic plant species:</b> Albizia (<i>Albizia arunachalensis</i>, <i>A. lebbeck</i>), Bamboo (<i>Dendrocalamus hamiltonii</i>), Chireta (<i>Swertia chirayita</i>), Common yew (<i>Taxus baccata</i>), Costus (<i>Costus speciosus</i>), Curculigo (<i>Curculigo orchioides</i>), Gold thread (<i>Coptis teeta</i>) Indian Podophyllum (<i>Podophyllum hexandrum</i>), Juniper (<i>Juniperus communis</i>), Large cardamom (<i>Amomum aromaticum</i>),</p>	<ul style="list-style-type: none"> <li>• Technology/product: Apatanis rice cultivation</li> <li>• Mongoloid race with Tibetan Culture</li> <li>• Associated tribes: Apatanis, Abhor, Dafla, Galong, Khowa, Mishmi, Singpho, Nishis, Hill Miris</li> </ul>
--	--	--	--	---

		<p>Picrorhiza (<i>Picrorhiza kurrooa</i>), Rhododendron (<i>R. arboreum</i>, <i>R. hodgsonii</i>, <i>R. anthopogon</i>, <i>R. nivale</i>), Rhubarb (<i>Rheum emodi</i>), Sweet lime (<i>Citrus limettoides</i>), Toddy palm (<i>Caryota urens</i>), <i>Livistona jenkinsiana</i>, <i>Magnolia campbellii</i>, <i>M. pterocarpa</i>; Orchids: (<i>Dendrobium chrysanthum</i>, <i>D. densiflorum</i>, <i>D. hookerianum</i>, <i>Paphiopedilum fairieanum</i>, <i>P. wardii</i>, Palm (<i>Wallichia triandra</i>), <i>Tsuga dumosa</i>.</p> <p><b>Wild relatives:</b> <i>Allium angulosum</i>, <i>Alpinia malaccensis</i>, <i>A. zerumbet</i>, <i>Artocarpus chama</i>, <i>Camellia caudata</i>, <i>C. siangensis</i>, <i>C. kissii</i>, <i>C. drupifera</i>, <i>C. irrawadiensis</i>, <i>C. taliensis</i>, <i>Citrus medica</i>, <i>Cinnamomum caudatum</i>, <i>C. obtusifolium</i>, <i>C. pedunculatum</i>, <i>C. tamala</i>, <i>Colocasia fallax</i>, <i>Cucumis hystrix</i>, <i>Curcuma aromatica</i>, <i>C. caesia</i>, <i>C. latifolia</i>, <i>C. montana</i>, <i>Dioscorea pentaphylla</i>, <i>D. wallichii</i>, <i>D. prazeri</i>, <i>D. hispida</i>, <i>D. deltoidea</i>, <i>D. wattii</i>, <i>D. kumaonensis</i>, <i>Eurya arunachalensis</i>, <i>Fagopyrum esculentum</i>, <i>Fragaria daltoniana</i>, <i>F. vesca</i>, <i>Garcinia hombroniana</i>, <i>G. xanthochymus</i>, <i>Hordeum agriocrithon</i>, <i>Morus australis</i>,</p>	
--	--	---	--



		<p><i>Musa balbisiana</i>, <i>M. cheesmanii</i>, <i>M. mannii</i>, <i>M. nagensium</i>, <i>M. sikkimensis</i>, <i>M. velutina</i>, <i>Phoenix acaulis</i>, <i>Piper attenuatum</i>, <i>P. sylvaticum</i>, <i>P. hamiltonii</i>, <i>P. thomsonii</i>, <i>P. wallichii</i>, <i>P. peepuloides</i>, <i>P. schmidtii</i>, <i>Prunus acuminata</i>, <i>P. jenkinsii</i>, <i>P. persica</i>, <i>P. rufa</i>, <i>P. undulata</i>, <i>P. zippeliana</i>, <i>Rosa multiflora</i>, <i>R. sericea</i>, <i>Saccharum longisetosum</i>, <i>S. sikkimensis</i>, <i>Solanum aqueum</i>, <i>S. bracteatum</i>, <i>S. tetragonum</i>, <i>Trichosanthes cordata</i>, <i>T. wallichiana</i>, <i>Trifolium repens</i>, <i>Vigna umbellata</i>, <i>Zingiber chrysanthemum</i>, <i>Z. clarkei</i>, <i>Z. purpureum</i>, <i>Z. zerumbet</i>.</p> <p>Wild relatives of sugarcane: <i>Erianthus ravennae</i>, <i>Miscanthus nepalensis</i>, <i>M. nudipes</i>, <i>M. taylori</i>, <i>M. wardii</i>, <i>Narenga fallax</i>, <i>Saccharum longisetosum</i>, <i>Sinapsis alba</i>; wild relatives of coffee: (<i>Nostolachna khasiana</i>, <i>Psilanthus benghalensis</i>).</p> <p><b>Endemic species:</b> <i>Albizia arunachalensis</i>, <i>Desmodium kulhaitcense</i>, <i>Lactuca cooperi</i>, <i>Piper clavilimbus</i>, <i>P. filipedunculum</i>, <i>P. isopleurum</i>, <i>P. laxivenum</i>,</p>	
--	--	---	--

			<p><i>P. mungpooanum</i>, <i>P. ovatistigmum</i>, <i>P. sikkimense</i>, <i>P. tenuibracteatum</i>, <i>Rubus ghankantus</i>, <i>R. niveus</i> var. <i>micranthus</i>, <i>R. senchalensis</i>, <i>Saussurea andersonii</i>, <i>S. forrestii</i>, <i>S. gossypiphora</i> var. <i>liliputa</i>, <i>S. nimborum</i>, <i>S. obscura</i>, <i>S. pantlingiana</i>.</p>	
4.	<b>Brahmaputra Valley</b>	<p><b>Assam:</b> Dhubri, Kokrajhar, Bongaigaon, Barpeta, Nalbari, Goalpara, Kamrup, Golaghat, Darrang, Morigaon, Nagaon, Sonitpur, Jorhat, Lakhimpur, Sibsagar, Dibrugarh, Dhemaji, and Tinsukia.</p>	<p><b>Crops:</b> Cereals: Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Wheat (<i>Triticum aestivum</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>); Legumes: Black gram (<i>Vigna mungo</i>), Pigeon pea (<i>Cajanus cajan</i>); Vegetable: Bitter Gourd (<i>Momordica charantia</i>), Brinjal (<i>Solanum melongena</i>), Luffa (<i>Luffa aegyptiaca</i>, <i>Luffa graveolens</i>); Fruit: Coconut (<i>Cocos nucifera</i>), Lemon (<i>Citrus limon</i>), Mango (<i>Mangifera indica</i>), Plantain (<i>Musa acuminata</i>), Pineapple (<i>Ananas comosus</i>), Pummello (<i>Citrus maxima</i>); Tuber: Elephant-foot Yam (<i>Amorphophallus bulbifer</i>), White yam (<i>Dioscorea alata</i>), Taro (<i>Colocasia esculenta</i>); Spices: Arecanut (<i>Areca catechu</i>), Bengal cardamom (<i>Ammomum aromaticum</i>)</p>	<ul style="list-style-type: none"> <li>• Hot humid eco-region</li> <li>• Alluvium-derived soil</li> <li>• Natural tropical moist deciduous and evergreen forests</li> <li>• Main crops: Maize, chick pea, pigeon pea, rapeseed-mustard, sesame, linseed, potato, Arecanut and banana</li> <li>• Cropping systems: rice-rice, rice-rapeseed/mustard, rice-potato-sesame, rice-chickpea/lentil, rice-mungbean/urdbean. Intercropping, toria + lentil, toria + chickpea, maize + mungbean</li> </ul>

			<p><b>Other Economic plant species:</b> <i>Aquillaria malaccensis</i>, <i>Artocarpus chama</i>, <i>Artocarpus heterophyllus</i>, <i>A. lakoocha</i>, <i>Baccaurea ramiflora</i>, <i>Bambusa tulda</i>, <i>B. cacharensis</i>, <i>B. pallida</i>, <i>Dendrocalamus hamiltonii</i>, <i>Dipterocarpus macrocarpus</i>, <i>Elaeocarpus floribundus</i>, <i>Ficus carica</i>, <i>F. pomifera</i>, <i>Hedychium spicatum</i>; <i>H. coronarium</i>; <i>H. radiatum</i>, <i>H. robustum</i>, <i>Melocanna baccifera</i>, <i>Mesua ferrea</i>, <i>Phoenix dactylifera</i>, <i>Pinus roxburghii</i>, <i>Schima indica</i>, <i>Shorea assamica</i>, <i>Terminalia myriocarpa</i></p> <p><b>Wild relatives:</b> <i>Corchorus pseudo-olitorius</i>, <i>Cucumis hystrix</i>, <i>Curcuma aromatica</i>, <i>C. amada</i>, <i>Erianthus filifolium</i>, <i>E. ravennae</i>, <i>Miscanthus nepalensis</i>, <i>M. nudipes</i>, <i>M. wardii</i>, <i>Musa assamica</i>, <i>M. cheesmanii</i>, <i>M. itinerus</i>, <i>M. mannii</i>, <i>M. velutina</i>, <i>Narenga fallax</i>, <i>Oryza rufipogon</i>, <i>Piper clarkei</i>, <i>P. crassipes</i>, <i>P. gammei</i>, <i>P. listeri</i>, <i>P. peepuloides</i>, <i>Prunus jenkinsii</i>, <i>P. cornuta</i>, <i>Saccharum longisetosum</i>, <i>S. rufipilum</i>, <i>S. wardii</i>, <i>Trichosanthes dioca</i>, <i>T. tricuspida</i>, <i>Zingiber intermedium</i>, <i>Z. rubens</i>, <i>Z. spectabilis</i>.</p>	<ul style="list-style-type: none"> <li>• Low land rice-based production system + tea plantation</li> <li>• Rice &amp; jute in Brahmaputra plains</li> <li>• Technology/product: Boiled Chakwa rice varieties Other varieties, Bala, Cauvery, Ratna, Jaya, Mancharsali, Sona, Manoharsali, Kalinga, Vani, Jayanthi, Jagnath, Mahsuri, Negheri Bao, Changri Bao, Senga Bao, Giwai Bao, Tulasi Bao</li> <li>• Indo-Mongoloids with influence of Hindu religion</li> <li>• Associated tribes: Bhutia, Bodo</li> </ul>
--	--	--	--	---

			<p><b>Endemic species:</b> <i>Camellia sinensis</i> var. <i>assamica</i>, <i>Dioscorea pentaphylla</i> var. <i>kussok</i>, <i>Musa assamica</i>, <i>M. velutina</i>, <i>Piper clarkei</i>, <i>P. crassipes</i>, <i>P. gullatlyi</i>, <i>P. gammei</i>, <i>P. jenkinsii</i>, <i>P. listeri</i>, <i>Zingiber intermedium</i>, <i>Z. rubens</i>, <i>Z. spectabilis</i>.</p>	
5.	<p><b>Khasia-Jaintia-Garo Hills</b></p>	<p><b>Meghalaya</b> East Garo Hills, West Garo Hills, South Garo Hills, East Khasi Hills, West Khasi Hills, Jaintia Hills and Ri-Bhoi.</p>	<p><b>Crops:</b> Cereals: Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>); Millets: soft-shelled forms (<i>Coix lacryma-jobi</i>); Legumes: Rice bean (<i>Vigna umbellata</i>); Vegetable: Bitter Gourd (<i>Momordica charantia</i>), Brinjal (<i>Solanum melongena</i>), Brussels sprouts (<i>Brassica oleracea</i> var. <i>gemmifera</i>), Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>), Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Cucumber (<i>Cucumis sativus</i>), Ridged gourd (<i>Luffa acutangula</i>), Snake gourd (<i>Trichosanthes cucumeriana</i> var. <i>anguina</i>, <i>T. cucumeriana</i> var. <i>cucumeriana</i>), Sponge gourd (<i>Luffa aegyptiaca</i>), Tomato (<i>Lycopersicon esculentum</i>); Fruit: Banana (<i>Musa acuminata</i>), Mango ginger (<i>Curcuma amada</i>), Pineapple (<i>Ananas comosus</i>), Tuber: Potato (<i>Solanum tuberosum</i>); Fibre: Cotton (<i>Gossypium hirsutum</i>), Jute (<i>Corchorus capsularis</i>); Spices: Ginger (<i>Zingiber officinale</i>), Pepper (<i>Piper nigrum</i>).</p>	<ul style="list-style-type: none"> <li>• Warm humid eco-region</li> <li>• Red and lateritic soil</li> <li>• Natural wet evergreen &amp; tropical moist deciduous forests</li> <li>• Major crops: Rice, maize, peas, and rapeseed/mustard.</li> <li>• Cropping systems: rice-mustard, rice-peas, maize-mustard, niger-mustard.</li> <li>• Rice in valleys &amp; on hill terraces</li> <li>• Traditional Jhum cultivation</li> <li>• Technology/product: Jhum cultivation;</li> </ul>

		<p><b>Other Economic plant species:</b> <i>Bambusa khasiana</i>, <i>B. tulda</i>, <i>B. pallida</i>, <i>Cinnamomum bejoghota</i>, <i>C. pauciflorum</i>, <i>C. tamala</i>, <i>Cymbopogon martinii</i>, <i>Dendrocalamus hamiltonii</i>, <i>Myrica esculenta</i>, <i>Phoenix dactylifera</i>, <i>Pinus kesiya</i>, <i>Solanum khasianum</i>; Fibre: <i>Boehmeria macrophylla</i>.</p> <p><b>Wild relatives:</b> <i>Citrus macroptera</i> var. <i>annamensis</i>, <i>C. indica</i>, <i>C. latipes</i>, <i>Cucumis hystrix</i>, <i>Cymbopogon khasiana</i>, <i>Luffa graveolens</i>, <i>Mangifera sylvatica</i>, <i>Musa flaviflora</i>, <i>M. superba</i>, <i>M. itinerus</i>, <i>M. velutina</i>, <i>Nostolachma khasiana</i>, <i>N. jenkinsii</i>, <i>Olea dentata</i>, <i>Piper attenuatum</i>, <i>P.khasianum</i>, <i>P.cornilimum</i>, <i>P. parvilimum</i>, <i>Ppeepuloides</i>, <i>Prunus napaulensis</i>, <i>P. jenkinsii</i>, <i>P. arborea</i>, <i>P. cornuta</i>, <i>Psilanthus fragrans</i>, <i>Pyrus pyrifolia</i>, <i>P.khasiana</i>, <i>Setaria pallide-fusca</i>, <i>Trichosanthes himalensis</i> var. <i>himalensis</i>, <i>T. dioica</i>, <i>T. wallichiana</i>, <i>T. tricuspidata</i>, <i>Zingiber capitatum</i>, <i>Z. zerumbet</i>, <i>Ziziphus funiculosa</i>, <i>Z. incurva</i>.</p> <p><b>Endemic species:</b> <i>Bambusa pseudopallida</i>, <i>Bupleurum khasianum</i>, <i>Cinnamomum pedunculatum</i> var. <i>angustifolium</i>,</p>	<p>Rice varieties: <i>Konorolu</i>, <i>Jaya</i>, <i>Ngoba</i>, <i>Rylie white</i>, <i>Manocharsali</i>, <i>Mirikrek</i>, <i>Sarngma</i></p> <ul style="list-style-type: none"> <li>• Indo-Mongoloids with influence of tribal culture and Hindu and Christian religion</li> <li>• Associated tribe: Khasi and Garo tribes</li> </ul>
--	--	---	--

			<p><i>Coix lacryma-jobii</i> var. <i>ma-yuen</i>, <i>Crotalaria noveoides</i>, <i>Dalbergia millettii</i> var. <i>oldamii</i>, <i>D. rimosa</i> var. <i>griffithii</i>, <i>D. volubilis</i> var. <i>assamica</i>, <i>D. debilis</i>, <i>Indigofera bracteata</i> var. <i>khasiana</i>, <i>Micromeles meghalayensis</i>, <i>Peristrophe acuminata</i> var. <i>khasiana</i>, <i>Piper cornilimum</i>, <i>P. oldhamii</i>, <i>P. parvilimum</i>, <i>Polyalthia meghalayensis</i>.</p>	
6.	<p><b>North-east Hills</b></p>	<p><b>Manipur:</b> Imphal (East), Imphal (West), Bisnupur, Thoubal, Senapati, Ukhrul, Tamenglong, Ukhrul, Chandel.</p> <p><b>Nagaland:</b> Kohima, Dimapur, Phek, Mokokchung, Mon, Tuensang, Wokha, Zunheboto</p>	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>), soft-shelled forms (<i>Coix lacryma-jobi</i>); Legume: Mustard (<i>Brassica juncea.</i>), Pigeon pea (<i>Cajanus cajan</i>), Rice bean (<i>Vigna umbellata</i>); Vegetable: Brussels sprouts (<i>B. oleracea</i> var. <i>gemmifera</i>), Brinjal (<i>Solanum melongena</i>), Cabbage (<i>Brassica. oleracea</i> var. <i>capitata</i>), Carrot (<i>Daucus carota</i>), Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Chenopodium (<i>Chenopodium album</i>), Chilli (<i>Capsicum annum</i>), Cucumber (<i>Cucumis sativus</i>),</p>	<ul style="list-style-type: none"> <li>• Warm humid ecoregion</li> <li>• Major crops are rice, maize, millets, oilseeds, potato, fibres, sugarcane, yam and aroids.</li> <li>• Crops and cropping system: rice-mustard rice-peas, maize-mustard, niger-mustard. Agroforestry tree <i>Alnus nepalensis</i>, Castor (<i>Ricinus communis</i>), aroids.</li> </ul>

		<p><b>Mizoram:</b> Aizwal, Lunglei, Champhal, Kolasib, Lawngtlai, Marnit, Chhimtuipui, Serchhip.</p> <p><b>Tripura:</b> North Tripura, West Tripura, South Tripura, and Dhalai.</p>	<p>Onion (<i>Allium cepa</i>), Spinach (<i>Spinacia oleracea</i>), Tomato (<i>Lycopersicon esculentum</i>); Fruit: Banana (<i>Musa acuminata</i>), Kudzu vine (<i>Pueraria edulis</i>), Melon (<i>Cucumis melo</i>), Pineapple (<i>Ananas comosus</i>); Spices: Ginger (<i>Zingiber officinale</i>); Fibre: Jute (<i>Corchorus olitorius</i>); Beverages: Coffee (<i>Coffea arabica</i>), Tea (<i>Camellia sinensis</i>).</p> <p><b>Other economic plant species:</b> <i>Albizia lebeck</i>, <i>A. procera</i>, <i>Artocarpus lakoocha</i>, <i>A. chama</i>, <i>Corylus ferox</i>, <i>Garcinia sopsopia</i>, <i>G. xanthochymus</i>, <i>Prunus cerasoides</i>, <i>P. cornuta</i>, <i>Pyrus pyrifolia</i>, <i>Quercus griffithii</i>, <i>Rhododendron wattii</i>, <i>Shorea robusta</i>, Medicinal plants: <i>Amomum aromaticum</i>, <i>Berberis wardii</i>, <i>Costus speciosus</i>, <i>Dichroa febrifuga</i>, <i>Eryngium foetidum</i>, <i>Panax pseudoginseng</i>, <i>Solanum khasianum</i>, <i>S. torvum</i>, <i>Terminalia chebula</i>, <i>Trichosanthes cucumeriana</i> var. <i>cucumeriana</i>, <i>Zanthoxylum rhetsa</i>; Multipurpose plants: <i>Alnus nepalensis</i>, <i>Ficus cunia</i>, <i>Grewia oppositifolia</i>, <i>Morus alba</i>, <i>Parkia timoriana</i>, <i>Zanthoxylum rhetsa</i>; Orchids: <i>Dendrobium chrysanthum</i>, <i>D. nobile</i>, <i>D.</i></p>	<p>Manipur</p> <ul style="list-style-type: none"> <li>• Technology/product: Primary center of cucumber diversity; diversity in Orchids; Rice varieties: Bala, Cauvery, Padma, Ratna, Jaya, Vijaya, Sona, Yukara, Tanz moy, Lakokulak, White Naguvanu, Red Naguvanu, Annapurna, Mahsuri, Sakti, Norin. Irrigation, Zabo (impounding run-off water); Cheo-ozih (bringing river water through long channels)</li> </ul> <p>Bamboo Drip Irrigation</p> <ul style="list-style-type: none"> <li>• Indo-Mongoloids with influence of tribal culture and Hindu and Christian religion</li> </ul>
--	--	---	--	--

		<p><i>wardianum</i>, <i>Rhynchosyilis retusa</i>; Blue Vanda (<i>Vanda coerulea</i>), Red Vanda (<i>Renanthera imschootiana</i>), <i>Paphiopedilum hirsutissimum</i>.</p> <p><b>Wild relatives:</b> <i>Areca nagensis</i>, <i>Camellia drupifera</i>, <i>C. irrawadiensis</i>, <i>C. taliensis</i>, <i>C. caudata</i>, <i>Curcuma amada</i>, <i>Dioscorea prazeri</i>, <i>D. puber</i>, <i>D. hamiltonii</i>, <i>D. lepcharum</i>, <i>Luffa graveolens</i>, <i>Mangifera sylvatica</i>, <i>Momordica macrophylla</i>, <i>Musa balbisiana</i>, <i>Musa flaviflora</i>, <i>M. nagensium</i>, <i>Olea dentata</i>, <i>Phoenix rupicola</i>, <i>Piper attenuatum</i>, <i>P. thomsonii</i>, <i>P. wallichii</i>, <i>P. peepuloides</i>, <i>P. hamiltonii</i>, <i>Prunus acuminata</i>, <i>P. jenkinsii</i>, <i>P. napaulensis</i>, <i>P. arborea</i>, <i>Psilanthus jenkinsii</i>, <i>P. fragrans</i>, <i>Pueraria tuberosa</i>, <i>P. lobata</i> var. <i>thomsonii</i>, <i>Setaria pallida-fusca</i>, <i>Solanum bracteatum</i>, <i>S. tetragonum</i>, <i>S. inophyllum</i>, <i>S. kurzii</i>, <i>S. grande</i>, <i>S. oblatum</i>, <i>Trichosanthes cordata</i>, <i>T. tricuspidata</i>, <i>T. wallichiana</i>, <i>Vigna vexillata</i>, <i>Zingiber capitatum</i>, <i>Z. cernum</i>, <i>Z. chrysanthum</i>, <i>Z. purpureum</i>, <i>Ziziphus funiculosa</i>, <i>Z. incurve</i>.</p> <p><b>Endemic species:</b> <i>Berberis micropetala</i>, <i>B. wardii</i>, <i>B. sublevis</i> var. <i>sublevis</i>, <i>B. borealis</i></p>	<ul style="list-style-type: none"> <li>• Associated tribes: Airlol, Angami, Mao, Any Mizo, Gongte</li> <li>• <b>Nagaland</b></li> <li>• Technology/product: Swidden farming by Angamis, Traditional irrigation through bamboo sticks</li> <li>• Associated tribes: Nagas, Angami, Kuki, Kachan</li> <li>• <b>Mizoram</b></li> <li>• Technology/product: rich orchid diversity_</li> <li>• <b>Tripura</b></li> <li>• Technology/product: Diversity in Orchids</li> <li>• Associated tribes: Bhil, Chakma, Kuki</li> </ul>
--	--	--	--



			var. <i>parryii</i> , <i>B. feddii</i> , <i>Hedychium venustum</i> , <i>Ilex khasiana</i> , <i>Lilium macklineae</i> , <i>Magnolia gustavii</i> , <i>Mahonia feddii</i> , <i>M. magnifica</i> , <i>Piper aurorubrum</i> , <i>P. falconeri</i> , <i>P. liantakanum</i> , <i>P. makruense</i> , <i>P. meeboldii</i> , <i>P. muneyporensis</i> , <i>P. phalagense</i> , <i>Saussurea nagensis</i> .	
7.	<b>Arid western region</b>	<b>Rajasthan</b> Sikar, Nagaur, Pali, Hanumangarh, Ganganagar, Jalore, Sirohi, Jodhpur, Udaipur, Dungarpur, Churu, and Jhunjhunu, part of Jaisalmer, Bikaner.	<b>Crops:</b> Cereals: Maize ( <i>Zea mays</i> ), Rice ( <i>Oryza sativa</i> ), Sorghum ( <i>Sorghum bicolor</i> ), Wheat ( <i>Triticum aestivum</i> ); Millets: Pearl millet ( <i>Pennisetum americanum</i> ), <b>Legumes:</b> Cowpea ( <i>Vigna unguiculata</i> ), Chickpea ( <i>Cicer arietinum</i> ), Clusterbean ( <i>Cyamopsis tetragonolobus</i> ), Black gram ( <i>Vigna mungo</i> ), Green gram ( <i>Vigna radiata</i> ), Moth bean ( <i>Vigna aconitifolia</i> ), Sponge gourd ( <i>Luffa aegyptiaca</i> ); Oilseeds: Rapeseed, taramira ( <i>Brassica napus</i> ), Sesame ( <i>Sesamum indicum</i> ); Forage legume: <i>Crotalaria burhia</i> ; Fodder grasses: <i>Cenchrus ciliaris</i> , <i>C. setigerus</i> , <i>Chrysopogon fulvus</i> , <i>Lasiurus scindicus</i> , <i>Sorghum halepense</i> .	<ul style="list-style-type: none"> <li>• Hot Arid Eco-region</li> <li>• Desert saline soil</li> <li>• Tropical thorn forests</li> <li>• Traditional rain-fed arid agriculture</li> <li>• Major crops: drought tolerant &amp; short-duration crops, pearl millet, chari, sorghum &amp; arid legumes (Cluster bean) and castor</li> <li>• Cropping systems: pearl millet and cluster bean; Mixed cropping of pearl millet + mothbean, pearl millet</li> <li>• + mungbean, clusterbean + sesame, castor + mothbean, castor + mungbean and castor + sesame</li> </ul>

			<p><b>Other economic plant species:</b> Medicinal (<i>Aloe barbardensis</i>, <i>Commiphora wightii</i>); Multipurpose species: (<i>Prosopis cineraria</i>); Timber (<i>Acacia albida</i>, <i>Albizia lebbbeck</i>, <i>Tecomella undulata</i>).</p> <p><b>Wild relatives:</b> <i>Acacia nilotica</i>, <i>Balanites roxburghii</i>, <i>Commiphora caudata</i>, <i>Citrullus colocynthis</i>, <i>Crotalaria burhia</i>, <i>Cucumis prophetarum</i>, <i>Psoralea corylifolia</i>, <i>Salvadora oleoides</i>, <i>Withania coagulans</i>, <i>Ziziphus nummularia</i></p> <p><b>Endemic species:</b> <i>Abutilon bidentatum</i>, <i>Cenchrus rajasthanensis</i>, <i>Cleome gynandra</i> var. <i>nana</i>, <i>Withania coagulans</i>, <i>Ziziphus truncata</i></p>	<ul style="list-style-type: none"> <li>• Technology/products: Drought &amp; salinity tolerant varieties (Kharchia wheat, Bikaneri Nerma cotton)</li> <li>• Indo-Aryans + Dravidians race with influence of Aryan, African and middle east culture &amp; Hindu religion</li> <li>• Associated tribes: Bhil, Rabari, Minas, Garasias, Bhishnoi</li> <li>• The forest areas have been reduced drastically</li> <li>• Bhishnoi's are known for saving plant biodiversity</li> </ul>
8.	<b>Malwa Plateau and Central Highlands</b>	<b>Madhya Pradesh</b> Shadol; Raisen, Bhopal, Sehore, Shajapur, Indore, Ujjain, Mandasaur,	<p><b>Crops:</b>Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>),Wheat (<i>Triticum aestivum</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>), Kodo millet (<i>Paspalum scrobiculatum</i>), Pearl millet (<i>Pennisetum americanum</i>), Proso millet (<i>Panicum miliare</i>); Legumes: Black gram (<i>Vigna mungo</i>), Chickpea (<i>Cicer arietinum</i>),</p>	<ul style="list-style-type: none"> <li>• Hot sub-humid eco-region of Central Highlands</li> <li>• Medium &amp; deep black soil</li> <li>• Tropical dry deciduous forests</li> <li>• Traditional dryland farming</li> </ul>

		<p>Rajgarh, Hoshangabad, Narsinghpur, Jabalpur, Mandla, Umaria</p>	<p>Cowpea (<i>Vigna unguiculata</i>), Garden pea (<i>Pisum sativum</i>), Green gram (<i>Vigna radiata</i>), Horse gram (<i>Macrotyloma uniflorus</i>), Lentil (<i>Lens culinaris</i>), Pigeon pea (<i>Cajanus cajan</i>); Vegetable: Melon (<i>Cucumis melo</i> var. <i>agrestis</i>), Musk melon: (<i>Cucumis melo</i> var. <i>culta</i>), Soybean (<i>Glycine max</i>); Fruit: Water melon (<i>Citrullus lanatus</i>); Medicinal plants: Opium (<i>Papaver somniferum</i>); Oilseeds: Groundnut (<i>Arachis hypogaea</i>), Linseed (<i>Linum usitatissimum</i>), Mustard (<i>Brassica juncea</i>), Niger (<i>Guizotia abyssinica</i>), Safflower (<i>Carthamus tinctorius</i>), Sesame (<i>Sesamum indicum</i>); Spices: Coriander (<i>Coriandrum sativum</i>), Cumin (<i>Cuminum cyminum</i>), Marijuana (<i>Cannabis sativa</i>).</p> <p><b>Other economic plant species:</b> Timber: <i>Acacia arabica</i>, <i>A catechu</i>, <i>A nilotica</i>; <i>Dalbergia sissoo</i>, <i>Psoralea corylifolia</i>, Multipurpose species: <i>Dendrocalamus strictus</i>; Gum &amp; Resins: (<i>Boswellia serrata</i>), <i>Prosopis cineraria</i>, <i>Psoralea corylifolia</i>, <i>Salvadora oleoides</i>.</p>	<ul style="list-style-type: none"> <li>• Common crops: Sorghum, pearl millet, groundnut, soybean, pulses in rainy season; Sorghum, safflower, sunflower and chickpea in winters</li> <li>• Cropping system: wheat, soybean-safflower, soybean-mustard, soybean-linseed</li> <li>• Rice varieties: Anupama, Bala, Cauvery, Ratna, Kranti, Kalinga, Jaya, Vijaya, Pragati, Jagiriti, Mahsuri, Dubraj (scented), Kubrimohar</li> <li>Wheat varieties: Jayaraj, Sharbati, Shera, Meghadoot, Mukta, Narbada</li> <li>• Indo-Aryan + Austrics + Dravidians race influenced by Hindu religion</li> </ul>
--	--	--	---	---

			<p><b>Wild relatives:</b> <i>Cajanus cajanifolius</i>, <i>Carthamus oxycanthus</i>, <i>Citrullus colocynthis</i>, <i>Corchorus fascicularis</i>, <i>Cucumis prophetarum</i>, <i>Psoralea corylifolia</i>, <i>Vigna dalzelliana</i>, <i>V. hainiana</i>, <i>Ziziphus nummularia</i></p> <p><b>Endemic species:</b> <i>Andropogon pumilus</i>, <i>Dichanthium tuberculatum</i>, <i>Sorghum deccanense</i>, <i>Vigna hainiana</i>, <i>Ziziphus williamsii</i>.</p>	<ul style="list-style-type: none"> <li>• Associated tribes: Barda, Bhil, Bavacha, Jats, Bangri</li> </ul>
9.	<b>Kathiawar region</b>	<p><b>Gujarat:</b> Ahemadabad, Surendranagar, Jamnagar, Rajkot, Porbandar, Junagarh, Amreli, Bhavnagar, Bharuch, Surat, Navsari, Valsad, Banaskantha, Anand.</p>	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>), Wheat (<i>Triticum aestivum</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>), Kodo millet (<i>Paspalum scrobiculatum</i>), Pearl millet (<i>Pennisetum glaucum</i>), Proso millet (<i>Panicum miliaeceum</i>); Legumes: Black gram (<i>Vigna mungo</i>), Chickpea (<i>Cicer arietinum</i>), Cluster bean (<i>Cyamopsis tetragonolobus</i>), Cowpea (<i>Vigna unguiculata</i>), Green gram (<i>Vigna radiata</i>), Moth bean (<i>Vigna aconitifolia</i>), Mustard (<i>Brassica juncea</i>), Pigeon pea (<i>Cajanus cajan</i>);</p>	<ul style="list-style-type: none"> <li>• Hot arid and semi-arid eco-region of gulf of Kachchh &amp; Khambat</li> <li>• Desert saline and deep &amp; medium black soil</li> <li>• Dry deciduous or thorn forests</li> <li>• Traditional rain-fed agriculture &amp; dry land farming</li> <li>• Sorghum, pearl millet, groundnut, castor &amp; pulses in rainy season</li> <li>• Sorghum &amp; pulses in non-saline areas</li> </ul>

		<p>Vegetable: Bitter gourd (<i>Momordica charantia</i>), Bottle gourd (<i>Lagenaria siceraria</i>), Brinjal (<i>Solanum melongena</i>), Chilli (<i>Capsicum annuum</i>), Okra (<i>Abelmoschus esculentus</i>); Fruit: Guava (<i>Psidium guajava</i>), Jamun (<i>Syzygium cumini</i>), Mango (<i>Mangifera indica</i>); Spices: Cumin (<i>Cuminum cyminum</i>); Oilseeds: Sesamum (<i>Sesamum indicum</i>), Castor (<i>Ricinus communis</i>), Cotton (<i>Gossypium herbaceum</i>), Groundnut (<i>Arachis hypogaea</i>); Forages legumes &amp; grasses: <i>Alhagi pseudalhagi</i>, <i>Cenchrus biflorus</i>, <i>C. ciliaris</i>, <i>Chloris villosa</i>, <i>Cynodon dactylon</i>, <i>Dactyloctenium aegyptium</i>, <i>D. scindicum</i>, <i>Eleusine compressa</i>, <i>Eragrostis ciliaris</i>, <i>Indigofera oblongifolia</i>, <i>Medicago sativa</i>, <i>Sorghum halpense</i>; Sugar yielding crops: Sugarcane (<i>Saccharum officinarum</i>); Narcotics: Tobacco (<i>Nicotiana tabacum</i>).</p> <p><b>Other economic plant species:</b> Fibre (<i>Corchorus olitorius</i>), Multipurpose: (<i>Tamarix kutchensis</i>), Phalsa (<i>Grewia asiatica</i>, <i>G. bicolor</i>, <i>G. flavescens</i>, <i>G. subinaequalis</i>).</p>	<ul style="list-style-type: none"> <li>• Cropping system: castor-pearlmillet, castor-pearlmillet-chickpea</li> <li>• Technology/products: Rice varieties: Sathi, Kada, Kolhapur scented, Zinya, Jirsal, Kamod, Pankhari</li> <li>• Associated tribes: Barda, Bhil, Bavacha</li> </ul>
--	--	--	---

			<p><b>Wild relatives:</b> <i>Brassica tournefortii</i>, <i>Cucumis prophetarum</i>, <i>Eruca sativa</i>, <i>Momordica balsamina</i>, <i>Sesamum alatum</i>, <i>Solanum pupureilineatum</i>, <i>Trigonella occulta</i>, <i>T. uncatu</i>, <i>Vigna khandalensis</i>, <i>Ziziphus nummularia</i>, <i>Salvadora oleoides</i></p> <p><b>Endemic species:</b> <i>Clitoria ternatea</i> var. <i>pilosula</i>, <i>Cyperus dwarkensis</i>, <i>Dipcadi ursulae</i> var. <i>longiracemosa</i>, <i>Indigofera coerulea</i> var. <i>monosperma</i>, <i>Sesbania concolor</i>, <i>Solanum purpureilineatum</i>, <i>Tephrosia jamnagarensis</i>, <i>Viola cinerea</i> var. <i>stocksii</i> forma <i>kathiwarensis</i>, <i>Ziziphus williamsii</i>.</p>	
10.	<b>Bundelkhand region</b>	<b>Uttar Pradesh:</b> Jhansi, Banda, Chitrakoot, Damoh, Datia, Hamirpur, Jalaun, Lalitpur	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Sorghum (<i>Sorghum bicolor</i>), Wheat (<i>Triticum aestivum</i>); Millets: Pearl millet (<i>Pennisetum glaucum</i>), Chickpea (<i>Cicer arietinum</i>); Legumes: Mung bean (<i>Vigna radiata</i>), Pigeon pea (<i>Cajanus cajan</i>), Soybean (<i>Glycine max</i>), Urd bean (<i>Vigna mungo</i>); Fruit: Water melon (<i>Citrullus lanatus</i>); Vegetables: Bitter gourd (<i>Momordica charantia</i>), Cucumber (<i>Cucumis sativus</i>), Muskmelon (<i>Cucumis callosus</i>), Okra (<i>Abelmoschus esculentus</i>),</p>	<ul style="list-style-type: none"> <li>• Hot &amp; sub-humid eco-region between fertile Gangetic plains and central high lands of Madhya Pradesh</li> <li>• Deep black soil</li> <li>• Tropical dry deciduous forests</li> </ul>

		<p><b>Madhya Pradesh:</b></p> <p>Damoha, Datia, Panna, Sagar, Tikamagarh Chattarpur, Rewa, Sidhi , Satna in Madhya Pradesh</p>	<p>Snake gourd (<i>Trichosanthes cucumeriana</i>. var. <i>anguina</i>); Oilseeds: Groundnut (<i>Arachis hypogaea</i>), Linseed (<i>Linum usitatissimum</i>), Mustard (<i>Brassica juncea</i>), Niger (<i>Guizotia abyssinica</i>), Rape seed (<i>Brassica napus</i>), Safflower (<i>Carthamus tinctorius</i>), Sesame (<i>Sesamum indicum</i>); Fibre: Cotton (<i>Gossypium herbaceum</i>).</p> <p><b>Other economic plant species:</b> <i>Acacia nilotica</i>, <i>A. senegal</i>, <i>A. mollis</i>, <i>Boswellia serrata</i>, <i>Buchnanania lanzan</i>, <i>Butea monosperma</i>, <i>Commiphora wightii</i>, <i>Prosopis cineraria</i>, <i>Imperata cylindrica</i>, <i>Madhuca indica</i>, <i>Shorea robusta</i>, <i>Tectona grandis</i>.</p> <p><b>Wild relatives:</b> <i>Abelmoschus tetraphyllus</i>, <i>A. pungens</i>, <i>A. tuberculatus</i>, <i>Cucumis harwickii</i>, <i>C. prophetarum</i>, <i>Momordica balsamina</i>, <i>M. dioica</i>, <i>Sesamum laciniatum</i>, <i>Trichosanthes dioica</i>, <i>Vigna mungo</i> var. <i>silvestris</i>.</p>	<ul style="list-style-type: none"> <li>• Traditional rain-fed farming</li> <li>• Traditional water harvesting through lakes, reservoirs, tanks, ponds, etc.</li> <li>• Sorghum, Pearl millet, Sesame, mung bean, urd bean, pigeon pea, soybean, cotton, sunhemp in rainy season</li> <li>• Wheat, barley, gram, linseed, mustard, masoor, peas &amp; vegetables in winters</li> <li>• <b>Zaid:</b> cultivation in the dry river beds; includes, Kakri, water melon, muskmelon and vegetables</li> <li>• Cropping system: pulses (mung bean, urd bean), sesame or fodder sorghum</li> </ul>
--	--	--	--	--

				<ul style="list-style-type: none"> <li>• during kharif followed by mustard or linseed during Rabi, mung bean, linseed/ safflower, sesame–mustard/ lentil/peas. Sorghum is intercropped with pulses</li> <li>• Technology/products: Bold seeded varieties of pigeon pea</li> <li>• Indo–Aryan + Austrics + Dravidians race with Influence of Aryan culture &amp; Hindu religion</li> <li>• Associated tribes: Bhrias, Gonds.</li> </ul>
11.	<b>Upper Gangetic Plains</b>	<b>Central Uttar Pradesh</b> Hardoi, Sitapur, Barabanki, Lucknow, Unnao, Rae Bareilly, Kanpur, Kannuj	<b>Crops:</b> Cereals: Maize ( <i>Zea mays</i> ), Rice ( <i>Oryza sativa</i> ), Sorghum ( <i>Sorghum bicolor</i> ), Wheat ( <i>Triticum aestivum</i> ); Pseudocereals: Amaranth ( <i>Amaranthus hypocondriacus</i> ), Buckwheat ( <i>Fagopyrum esculentum</i> ); Millets: Kodo millet ( <i>Paspalum scrobiculatum</i> ), Pearl millet ( <i>Pennisetum glaucum</i> ), Proso millet ( <i>Panicum miliaeeum</i> ); Legumes: Black gram ( <i>Vigna mungo</i> ), Chickpea ( <i>Cicer arietinum</i> ),	



		<p><b>North-eastern Uttar Pradesh:</b></p> <p>Maharajganj, Sidharatnagar, Kushinagar, Deoaria, Sant Kabir Nagar, Gorakhpur, Basti</p>	<p>Garden pea (<i>Pisum sativum</i>), Green gram (<i>Vigna radiata</i>), Lentil (<i>Lens culinaris</i>), Pigeon pea (<i>Cajanus cajan</i>); Vegetables: Ash gourd (<i>Benincasa hispida</i>), Brussels sprouts (<i>B. oleracea</i> var. <i>gemmifera</i>), Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>), Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Bitterguard (<i>Momordica dioica</i>), <i>Luffa echinata</i>, Ridged gourd (<i>Luffa acutangula</i>), Round gourd (<i>Citrullus fistulosus</i>), <i>Solanum incanum</i>; Fruits: Water chestnut (<i>Trapa natans</i> var. <i>bispinosa</i>); Oilseeds: Black Mustard (<i>Brassica nigra</i>), Mustard (<i>Brassica tournifortii</i>), Safflower (<i>Carthamus tinctorius</i>), Sesame (<i>Sesamum indicum</i>); Spices: Fenugreek (<i>Trigonella foenum-graceum</i>); Fibre: <i>Corchorus trilocularis</i>; Sugar yielding crops: Sugarcane (<i>Saccharum officinarum</i>).</p> <p><b>Other economic plant species:</b> Bael (<i>Aegle marmelos</i>), Indian gooseberry (<i>Phyllanthus emblica</i>), Indian night shade (<i>Solanum indicum</i>), <i>Ipomoea aquatica</i>, Lasora (<i>Cordia myxa</i>), Phalsa (<i>Grewia asiatica</i>); Medicinal (<i>Andrographis paniculata</i>),</p>	<ul style="list-style-type: none"> <li>• Hot sub-humid eco-region of Northern plains</li> <li>• Alluvium-derived soil</li> <li>• Natural tropical moist and dry deciduous forests</li> <li>• Traditional rain-fed and irrigated agriculture</li> <li>• Major crops: Rice, maize, pigeonpea, Jute in rainy season; wheat and sugarcane in winter</li> <li>• Cropping systems: sugarcane, vegetables, rice-potato-wheat</li> </ul> <p><b>Central Uttar Pradesh</b></p> <ul style="list-style-type: none"> <li>• Technology/products: Wheat varieties: Sonalika, Kalyansona, Janak.</li> </ul>
--	--	---	--	---

			<p><i>Cymbopogon martinii</i>, <i>Rubia manjith</i>, <i>Psoralea corylifolia</i>, <i>Withania sominifera</i>); Multipurpose: (<i>Albizia lebbeck</i>, <i>Thysanolaena maxima</i>); Timber (<i>Dalbergia sissoo</i>, <i>Shorea robusta</i>, <i>Toona ciliata</i>), <i>Ziziphus oenoplia</i>.</p> <p><b>Wild relatives:</b> <i>Abelmoschus manihot</i>, <i>Brassica quadrivalvis</i>, <i>Carthamus oxycanthus</i>, <i>Curcuma ferrugenea</i>, <i>C. leucorhiza</i>, <i>C. rubescens</i>, <i>Dioscorea kalkapershadii</i>, <i>Luffa hermophrodita</i>, <i>Hibiscus surattensis</i>, <i>Lactuca remotiflora</i>, <i>Lathyrus aphaca</i>, <i>Momordica subangulata</i>, <i>M. balsamina</i>, <i>Phoenix robusta</i>, <i>P. paludosa</i>, <i>Syzygium heyneanum</i>, <i>Saccharum benghalensis</i>, <i>S. spontaneum</i> <i>S. ravennae</i>, <i>Trigonella occulta</i>, <i>T. polycerata</i>,</p> <p><b>Endemic species:</b> <i>Derris scandens</i> var. <i>saharanpurensis</i>, <i>Indigofera gangetica</i>, <i>Indopiptadenia oudhensis</i>, <i>Pachyrrhizus stracheyi</i>.</p>	<p><b>North-eastern Uttar Pradesh</b></p> <ul style="list-style-type: none"> <li>• Technology/products: Aromatic rice varieties ‘Kala Namak’ others: Jaya, Basmati, Palman, Jhona, Bala, Cauvery, Saket, Sarjoo, Chakia, Madukar</li> <li>• Indo-Aryan + Dravidians culture</li> <li>• Associated tribes: Ahirs</li> </ul>
12.	<b>Lower Gangetic plain</b>	<p><b>North Bihar:</b> The Paschim Champaran, Purbi</p>	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>), Wheat (<i>Triticum aestivum</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>); Millets: Finger millet (<i>Eleusine</i></p>	<ul style="list-style-type: none"> <li>• Hot sub-humid eco-region of Eastern Gangetic plain</li> <li>• Alluvium-derived soil</li> <li>• Tropical moist and dry deciduous forests</li> </ul>

		<p>Champan, Gopalganj, Siwan, Sitamarhi, Muzaffarpur, Sasaram, Buxar, Bhjjojpur, Patna, Bhabua, Rohatas, Jhanabad, Vaishali, Samastipur, Darbangha, Madhubani, Sheohar, Madhupura.</p>	<p><i>coracana</i>), Foxtail millet (<i>Setaria italica</i>), Kodo millet (<i>Paspalum scrobiculatum</i>), Proso millet (<i>Panicum milliare</i>); Legumes: Black mustard (<i>Brassica nigra</i>), Mustard (<i>Brassica juncea</i>), Rape seed (<i>Brassica napus</i>), Black gram (<i>Vigna mungo</i>), Chickpea (<i>Cicer arietinum</i>), Cowpea (<i>Vigna unguiculata</i>), Green gram (<i>Vigna radiata</i>), Lentil (<i>Lens culinaris</i>), Pigeon pea (<i>Cajanus cajan</i>), Ricebean (<i>Vigna umbellata</i>); Vegetable: Brussels sprouts (<i>B. oleracea</i> var. <i>gemmifera</i>), Cabbage (<i>Brassica. oleracea</i> var. <i>capitata</i>), Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Chilli (<i>Capsicum annuum</i>); Fruit: Mango (<i>Mangifera indica</i>), Water chestnut (<i>Trapa natans</i> var. <i>bispinosa</i>); Tuber: Potato (<i>Solanum tuberosum</i>); Oilseeds: Cotton (<i>Gossypium herbaceum</i>), Safflower (<i>Carthamus tinctorius</i>).</p> <p><b>Other Economic plant species:</b>  <i>Eragrostis gangetica</i>, <i>E. pilosa</i>, <i>E. tenella</i>, <i>Panicum maximum</i>, <i>Pennisetum pedicellatum</i>, <i>P.purpureum</i>, <i>Saccharum spontaneum</i>, <i>Vetiveria ziznoides</i>; Fruit: (<i>Aegle marmelos</i>, <i>Citrus paradisi</i>, <i>Cordia myxa</i>, <i>Litchi chinensis</i>,</p>	<ul style="list-style-type: none"> <li>• Traditional rain-fed agriculture</li> <li>• Major crops: Rice &amp; maize in rainy season; wheat and sugarcane with or without irrigation in winter</li> <li>• Cropping systems: rice-wheat, rice-chickpea, rice-mustard, rice- lentil and pulses-rabi maize. Sugarcane and pigeon pea</li> <li>• Technology/products: Rice varieties: Padma, Narsing, Vishnu, Prahalad, Kanchan, Ratna, Bala, Cauvery, Kiran, Seeta, jaya, Mahasuri, Jassaria, Tulsimanjari; <i>Ahar</i> irrigation system</li> <li>• Indo-Aryan + Dravidians + Austrics races Aryan culture</li> <li>• Associated tribes: Ahirs</li> </ul>
--	--	--	---	---

			<p><i>Syzygium cuminii</i>); Multipurpose: (<i>Madhuca longifolia</i>), Timber (<i>Terminalia arjuna</i>; <i>T. bellerica</i>)</p> <p><b>Wild relatives:</b> <i>Brassica quadrivalvis</i>, <i>Carthamus oxycanthus</i>, <i>Carum villosum</i>, <i>Curcuma ferruginea</i>, <i>C. leucorhiza</i>, <i>C. rubescens</i>, <i>Dioscorea kalkapershadii</i>, <i>Erianthus arundinaceus</i>, <i>Hibiscus surattensis</i>, <i>Ipomoea aquatica</i>, <i>Lactuca remotiflora</i>, <i>Lathyrus aphaea</i>, <i>Momordica subangulata</i>, <i>M. balsamina</i>, <i>Phoenix paludosa</i>, <i>P. robusta</i>, <i>Saccharum ravennae</i>, <i>Syzygium heyneanum</i>, <i>Trigonella balanse</i>, <i>T. occulta</i>, <i>T. polycerata</i>, <i>Ziziphus oenoplia</i></p> <p><b>Endemic species:</b> <i>Albizia thompsonii</i> var. <i>galbana</i>, <i>Chrysopogon hamiltonii</i>, <i>Dendrocalamus strictus</i> var. <i>sericeus</i>, <i>Iseilema holei</i>, <i>Leucas helectrifolia</i>.</p>	
13.	<b>Gangetic delta</b>	<b>West Bengal:</b> South 24 Parganas, North 24 Parganas,	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>), Wheat (<i>Triticum aestivum</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet</p>	<ul style="list-style-type: none"> <li>• Hot humid eco-region</li> <li>• Alluvium-derived soil</li> <li>• Tropical moist and dry deciduous forests</li> </ul>

	Howrah, Hooghly, Nadia, Bardhaman, Birbhum and Murshidabad.	<p>(<i>Setaria italica</i>), Kodo millet (<i>Paspalum scrobiculatum</i>), Legumes: Chickpea (<i>Cicer arietinum</i>), Green gram (<i>Vigna radiata</i>), Pigeon pea (<i>Cajanus cajan</i>); Vegetable: Bitter gourd (<i>Momordica charantia</i>), Brassica (<i>Brassica oleracea</i> var. <i>botrytis</i>, <i>B. oleracea</i> var. <i>gemmifera</i>, <i>B. oleracea</i> var. <i>capitata</i>), Chilli (<i>Capsicum annuum</i>), Cucumber (<i>Cucumis sativus</i>), Karonda (<i>Carissa carandas</i>), Luffa (<i>Luffa aegyptiaca</i>), Musk melon (<i>Cucumis melo</i>), Winged bean (<i>Psophocarpus tetragonolobus</i>); Fruits: Pomello (<i>Citrus maxima</i>); Tuber: Elephant-foot yam (<i>Amorphophallus bulbifer</i>, <i>A. campanulatus</i>), Potato (<i>Solanum tuberosum</i>), Taro (<i>Colocasia esculenta</i>, <i>C. fallax</i>); Oilseeds: Sunflower (<i>Helianthus annuus</i>); Fibre: Jute (<i>Corchorus capsularis</i>); Sugar yielding crops: Sugarcane (<i>Saccharum officinarum</i>); Beverages: Tea (<i>Camellia sinensis</i>); Narcotics: Tobacco (<i>Nicotiana tabacum</i>).</p> <p><b>Other economic plant species:</b> <i>Butea monosperma</i>, <i>Dendrocalamus strictus</i>; Fruit (<i>Phoenix paludosa</i>), <i>Haldinia cordifolia</i>,</p>	<ul style="list-style-type: none"> <li>• Traditional rain-fed agriculture</li> <li>• Major crops: rice, jute</li> <li>• Cropping systems: rice-wheat, rice-potato - sesame/groundnut/sunflower, jute-rice-sunflower, jute-mustard.</li> <li>• Technology/products: Boro rice; Jaya, Jayanthi, Ratna, Krishna, Cauvery, Supriya; flood tolerant varieties- Jalaplabhan, Jaldhi; salt tolerant varieties- Nona Bokra, Rupsali; scented varieties- Gopal bhog, Govind bhog, Kammini bhog, Randhumipagal, Seeta bhog, Kataribhog; Disease resistance varieties- Jaya, Rasi, Vani, Surekha, Sonamukhi, Lal Basmati</li> </ul>
--	---	---	--

			<p>India arrow root (<i>Curcuma angustifolia</i>), Kukur alu (<i>Dioscorea puber</i>); Multipurpose: (<i>Madhuca indica</i>); Timber (<i>Terminalia arjuna</i>, <i>T. chebula</i>; <i>Shorea robusta</i>); Yam bean (<i>Pachyrhizus erosus</i>)</p> <p><b>Wild relatives:</b> <i>Abelmoschus manihot</i>, <i>Carthamus oxycanthus</i>, <i>Corchorus trilocularis</i>, <i>Curcuma aromatica</i>, <i>C. ferruginea</i>, <i>Oryza rufipogon</i>, <i>Porteresia coarctata</i>.</p>	<ul style="list-style-type: none"> <li>• Sundarbans is named after tree called “Sundari”: (<i>Heritiera fomes</i>).</li> <li>• Indo-Mongolides + Austrics with influence of Aryans</li> </ul>
14.	<b>Chota Nagpur region</b>	<p><b>Jharkhand:</b> Singhbhum, Gumla, Ranchi, Lohardaga, Palamau, Hazaribhag and Santhal Pargana.</p> <p><b>Orissa:</b> Mayurbhanj</p>	<p><b>Crops:</b> Cereals: Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>); Millets: Finger millet (<i>Eleusine coracana</i>); Legumes: Horse gram (<i>Macrotyloma uniflorum</i> var. <i>Uniflorum</i>), Moth bean (<i>Vigna aconitifolia</i>), Pigion pea (<i>Cajanus cajan</i>), Rice bean (<i>Vigna umbellata</i>); Vegetable: Bottle gourd (<i>Lagenaria siceraria</i>), Brassica (<i>Brassica oleracea</i> var. <i>botrytis</i>, <i>B. oleracea</i> var. <i>gemmifera</i>, <i>B. oleracea</i> var. <i>capitata</i>), Brinjal (<i>Solanum melongena</i>), Cucumber (<i>Cucumis sativus</i>), Kundri</p>	<ul style="list-style-type: none"> <li>• Hot sub-humid eco-region of Eastern Plateau &amp; Ghats</li> <li>• Red loamy soil</li> <li>• Tropical dry and moist deciduous forests</li> <li>• Traditional rain-fed agriculture</li> <li>• Major crops: Rice, millets, pulses in rainy season; Rice and wheat with irrigation in winter</li> </ul>

			<p>(<i>Coccinia indica</i>); Fruit: Pineapple (<i>Ananas comosus</i>); Tubers: Taro (<i>Colocasia esculenta</i>) Yam (<i>Dioscorea esculenta</i>); Spices: Ginger (<i>Zingiber officinalis</i>).</p> <p><b>Other economic plant species:</b> Multipurpose: (<i>Butea monosperma</i>, <i>Diospyros melanoxylon</i>, <i>Madhuca longifolia</i>, <i>Schleichera oleosa</i>, <i>Terminalia arjuna</i>. Fruit: (<i>Aegle marmelos</i> <i>Syzygium cumini</i>), Spices: Jungali haldi (<i>Curcuma aromatica</i>).</p> <p><b>Wild relatives:</b> <i>Cajanus scarabaeoides</i>, <i>C. cajanifolia</i>, <i>Curcuma longa</i>, <i>Dioscorea belophylla</i>, <i>D. kalkapershadii</i> <i>D. wightii</i>, <i>Momordica balsamina</i>, <i>Musa sapientum</i>, <i>Oryza nivara</i>, <i>O. rufipogon</i>, <i>Rhynchosia bracteata</i>, <i>R. minima</i>, <i>R. rufescens</i>, <i>Vigna hainiana</i>, <i>V. trilobata</i>.</p> <p><b>Endemic species:</b> <i>Acacia donaldii</i>, <i>Albizia orissensis</i>, <i>Cajanus cajanifolius</i>, <i>Carum villosum</i>, <i>Phyllanthus narayanaswamii</i>, <i>Pycnocycla glauca</i>.</p>	<ul style="list-style-type: none"> <li>• Cropping systems: rice-toria, rice-mustard, rice-niger, rice-groundnut, rice-lentil and rice-sesamum.</li> <li>• Technology/products: Rice varieties: Cauvery, Palman, Bala</li> <li>• Indo-Aryan + Austrics + Dravidians with influence of Aryans</li> <li>• Associated tribes: Kols, Munda</li> </ul>
15.	<b>Bastar region</b>	<b>Chhattisgarh:</b> Bastar, Bilaspur, Durg, Raipur,	<b>Crops:</b> Cereals: Rice ( <i>Oryza sativa</i> ), Sorghum ( <i>Sorghum bicolor</i> ), Wheat ( <i>Triticum aestivum</i> ); Pseudocereals: Amaranth	

		<p>Jashpur, Kabirdham, Kanker, Korba, Korja, Mahasamu, Kondaigoan, Rajnandgoan.</p>	<p>(<i>Amaranthus</i> spp.); Millets: Barnyard millet (<i>Echinochloa frumentacea</i>), Finger millet (<i>Eleusine coracana</i>), Kodo millet (<i>Paspalumscrobiculatum</i>), Little millet (<i>Panicum sumatrense</i>); Legumes: Black gram (<i>Vigna mungo</i>), Chickpea (<i>Cicer arietinum</i>), Green gram (<i>Vigna radiata</i>), Moth bean (<i>Vigna aconitifolia</i>), Mustard (<i>Brassica juncea</i>), Pigeon pea (<i>Cajanus cajan</i>); Vegetables: Bottle gourd (<i>Lagenaria sicerarea</i>), Brinjal (<i>Solanum melongena</i>), Chickling pea (<i>Lathyrus sativus</i>), Dolichos bean (<i>Lablab purpureus</i>), Kundri (<i>Coccinia indica</i>), Pumpkin (<i>Cucurbita pepo</i>), Okra (<i>Abelmoschus esculentus</i>), Winged bean (<i>Psophocarpus tetragonolobus</i>); Tubers: Yam (<i>Dioscorea bulbifera</i>), Sugarcane (<i>Saccharum officinarum</i>).</p>	<ul style="list-style-type: none"> <li>• Hot sub-humid eco-region of North-eastern Ghats &amp; plateau</li> <li>• Red &amp; yellow soil</li> <li>• Tropical moist deciduous forests</li> <li>• Traditional rain-fed farming</li> <li>• Major crops: Rice, millets, pulses, oilseeds &amp; wheat; Rice &amp; wheat irrigated</li> <li>• Cropping systems: rice-chickpea, rice-lentil, rice-khesari (Lathyrus), rice-linseed, sesame is also grown.</li> <li>• Technology/products: Aromatic &amp; pudding Rice landraces: Lalat, Badshabhog, Dhubraj, Jajathi, Kursobhog, Mehar, Nanichudi, Neemchudi, Safri, Umrichudi</li> </ul>
--	--	---	---	---



				<ul style="list-style-type: none"> <li>• Indo-Aryan + Austrics races with influence of Hindu religion</li> <li>• Associated tribes: Ojhas, Bhils, Gonds, Korlcens &amp; Kols</li> </ul>
16.	<b>Koraput region</b>	<p><b>Orissa:</b> Gajpati, Kalahandi, Koraput, Malkangiri, Jeypore, Bolangir, Sonabeda, Nabrangpur, Rayagada</p> <p><b>Andhra Pradesh:</b> Srikakulam, Vishkhapatnam, Vizianagram</p>	<p><b>Crops:</b> Cereals: Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>); Pseudocereals: Amaranth (<i>Amaranthus hypocondriacus</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>), Kodo millet (<i>Paspalum scrobiculatum</i>), Little millet (<i>Panicum sumatrense</i>), Pearl millet (<i>Pennisetum americana</i>); Legumes: Black gram (<i>Vigna mungo</i>), Chickpea (<i>Cicer arietinum</i>), Cowpea (<i>Vigna unguiculata</i>), Green gram (<i>Vigna radiata</i>), Horse gram (<i>Macrotyloma uniflorum</i>), Pigeonpea (<i>Cajanus cajan</i>), Ricebean (<i>Vigna umbellata</i>); Vegetables: Bitter melon (<i>Momordica charantia</i>), Brinjal (<i>Solanum melongena</i>), Brussels sprouts (<i>B. oleracea</i> var. <i>gemmifera</i>), Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>), Cauliflower (<i>Brassica oleracea</i></p>	<ul style="list-style-type: none"> <li>• Hot sub-humid eco-region of Northern-eastern Ghats</li> <li>• Red loamy soils</li> <li>• Due to richness in genetic diversity in rice, declared as GIAHS</li> <li>• Tropical dry and moist deciduous forests</li> <li>• Traditional rain-fed farming</li> <li>• Major crops: Rice, millets, pulses during rainy season; Rice &amp; wheat with protective irrigation in winters</li> </ul>

		<p>var. <i>botrytis</i>), Chilli (<i>Capsicum annuum</i>), Cucumber (<i>Cucumis sativus</i>), Dolichos (<i>Lablab purpureus</i>), Melon (<i>Cucumis melo</i> var. <i>agrestis</i>), Pumpkin (<i>Cucurbita pepo</i>), Ridged gourd (<i>Luffa acutangula</i>), Soybean (<i>Glycine max</i>), Sponge gourd (<i>Luffa aegyptiaca</i>); Fruit: Banana (<i>Musa sapientum</i>); Tubers: Yam (<i>Dioscorea alata</i>), Sweet potato (<i>Ipomoea batata</i>); Oilseeds: Castor (<i>Ricinus communis</i>), Niger (<i>Guizotia abyssinica</i>), Sesame (<i>Sesamum indicum</i>); Spices: Pepper (<i>Piper nigrum</i>).</p> <p><b>Other economic plant species:</b> Fruit: Banana (<i>Musa paradisiaca</i>), Date palm (<i>Phoenix dactylifera</i>), Indian Gooseberry (<i>Phyllanthus emblica</i>), Jackfruit (<i>Artocarpus heterophyllus</i>), Karonda (<i>Carissa carandas</i>), Mango (<i>Mangifera indica</i>), Pomello (<i>Citrus maxima</i>), Tamarind (<i>Tamarindus indica</i>), Wood Apple (<i>Limonia acidissima</i>); Cinnamon (<i>Cinnamomum tamala</i>), Mahua (<i>Madhuca longifolia</i>), <i>Syzygium cuminii</i>; Beedi leaf (<i>Diospyros melanoxylon</i>), Tendu (<i>Diospyros kaki</i>), Teak (<i>Tectona grandis</i>), Sal (<i>Shorea robusta</i>).</p>	<ul style="list-style-type: none"> <li>• Cropping systems: rice-toria/mustard, rice-niger, rice-groundnut, rice-sesame, rice potato --groundnut/-sesame.</li> <li>• Combination of crops: Mixed crop farming: castor + ginger/ turmeric; castor +sesame; castor +sesame / pегion pea + ground nut.</li> <li>• Secondary centre of origin for rice</li> <li>• Technology/products: Rice landraces ( c. 340/ 450): Baddu dhan, Bayagunda, Bidamasolpuru, Budama, Chinna kondangi, Ekobit, Erra budama, Kodu budama, Meraka vari, Metta budagalu, Padadhan, Pantoor, Paramayipalu, Pasupusannalu, Potti</li> </ul>
--	--	--	---

		<p><b>Wild relative:</b> <i>Abelmoschus ficulneus</i>, <i>Amaranthus dubius</i>, <i>A. viridis</i>, <i>A. tenuifolius</i>, <i>Ampelocissus indica</i>, <i>Cajanus cajanifolius</i>, <i>Carissa inermis</i>, <i>Cinnamomum iners</i>, <i>Cucumis pubesens</i>, <i>Dalbergia paniculata</i>, <i>Dioscorea intermedia</i>, <i>D. wightii</i>, <i>Mangifera sylvatica</i>, <i>Momordica balsamina</i>, <i>Olea polygama</i>, <i>Oryza coarctata</i>, <i>Panicum hippothrix</i>, <i>P. trypheron</i>, <i>Phoenix pusilla</i>, <i>P. sylvestris</i>, <i>P. robusta</i>, <i>P. paludosa</i>, <i>Syzygium alternifolia</i>, <i>S. zeylanicum</i>, <i>Trigonella occulta</i>, <i>Vigna triloba</i>, <i>Ziziphus horrida</i>.</p> <p><b>Endemic Species:</b> <i>Acacia donaldii</i>, <i>Albizia orissensis</i>, <i>Bupleurum andhricum</i>, <i>Cajanus cajanifolius</i>, <i>Phyllanthus narayanaswamii</i>.</p>	<p>basangulu, Sagara sannalu, Sanna dhanyam, Sitamma savaralu, Sopurudhan, Tella budama, Toka Budama, Voldisopuru, Vooda sannalu (Pokkali rice varieties) Pigeonpea landraces ( c. 15): Cuttikandulu, Gaya saan, Kanti si saan, Mara jang saan, Nadipikandulu, Nemali pitta kandulu, Pedda kandulu, Tarba saan, Tella sirikandi, Tulu masaan, Yerra sirikandi Little millet landraces: Kosla, Swan 1200 medicinal plants</p> <ul style="list-style-type: none"> <li>• Austrics + Dravidian race with influence of Dravidian culture.</li> </ul>
--	--	---	---

				<ul style="list-style-type: none"> <li>• Associated tribe: Bagata, Bondos, Dora, Gadaba, Gond, Jatapu, Khond, Konda Dora, Konda Reddi, Kotiya, Koya, Kulia, Mali, Manne Dora. Mppla Dora, Porja, Reddi Dora, Savara, Valmiki</li> </ul>
17.	<b>Southern Eastern Ghats</b>	<p><b>Andhra Pradesh:</b> Chitoor, Cuddapah, Kurnool Ananthpur</p> <p><b>Karnataka:</b> Bellary, Raichur, Kolar</p>	<p><b>Crops:</b> Cereals: Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>), Wheat (<i>Triticum aestivum</i>); Millets: Pearl millet (<i>Pennisetum glaucum</i>); Legumes: Chickpea (<i>Cicer arietinum</i>), Field bean (<i>Lablab purpureus</i> var. <i>lignosus</i>), Green gram (<i>Vigna radiata</i>), Groundnut (<i>Arachis hyogaea</i>), Horse gram (<i>Macrotyloma uniflorum</i>), Pigeon pea (<i>Cajanus cajan</i>); Vegetable: Brinjal (<i>Solanum melongena</i>), Okra (<i>Abelmoschus esculentus</i>), Onion (<i>Allium cepa</i>); Fruits: Citrus (<i>Citrus aurantifolia</i>), Karonda (<i>Carissa carandas</i>) Mango (<i>Mangifera indica</i>), Pomello (<i>Citrus maxima</i>); Oilseeds: Cotton (<i>Gossypium arboreum</i>), Levant Cotton (<i>Gossypium herbaceum</i>), Mustard (<i>Brassica juncea</i>), Niger</p>	<ul style="list-style-type: none"> <li>• Hot arid eco-region, dry with less rain fall (500 mm)</li> <li>• Mixed black &amp; red soil</li> <li>• Tropical thorn forests</li> <li>• Traditional rain-fed farming, fallowing the land in rainy season and growing crop on residual moisture</li> <li>• Major crops: Kharif- pearl millet, finger millet; Rabi- Sorghum, cotton, oilseeds</li> </ul>

		<p>(<i>Guizotia abyssinica</i>), Sesame (<i>Sesamum indicum</i>); Fibre: Sunnhemp (<i>Crotalaria juncea</i>).</p> <p><b>Other Economic plant species:</b> <i>Annona squamosa</i>, <i>Borassus flabellifer</i>, <i>Canavalia gladiata</i>, <i>Dendrocalamus hamiltonii</i>, <i>Digitaria tomentosa</i>, <i>Limonia acidissima</i>, <i>Madhuca indica</i>, <i>Panicum gradei</i>, <i>Pongamia pinnata</i>, <i>Pterocarpus santalinus</i>, <i>Santalum album</i>, <i>Sterculia foetida</i>, <i>S. urens</i>, <i>Terminalia bellerica</i>, <i>T.chebula</i>.</p> <p><b>Wild relatives:</b> <i>Abelmoschus ficulneus</i>, <i>Amaranthus tenuifolius</i>, <i>A. viridis</i>, <i>A. dubius</i>, <i>Cajanus scarabaeoides</i>, <i>C. candollei</i>, <i>Carissa inermis</i>, <i>Cinnamomum iners</i>, <i>Crotalaria madurensis</i>, <i>C. rigida</i>, <i>Cucumis pubesens</i>, <i>Dioscorea intermedia</i>, <i>D.wightii</i>, <i>Lablab niger</i>, <i>Momordica balsamina</i>, <i>Olea polygama</i>, <i>O. meyeriana</i> var.<i>granulata</i>, <i>O. officinalis</i> var. <i>malampuzhaensis</i>, <i>O. nivara</i>, <i>Panicum hippothrix</i>, <i>P. trypheron</i>, <i>Phoenix pusilla</i>, <i>P. sylvestris</i>, <i>P. robusta</i>, <i>P. paludosa</i>, <i>Sesamum ciliatum</i>, <i>S. laciniatum</i>, <i>S.prostratum</i>, <i>Syzygium</i></p>	<ul style="list-style-type: none"> <li>• Cropping systems: rice-sesame, rice-groundnut, rice-sunflower, sesame-finger millet, mungbean /urd bean-groundnut, fingermillet-rice-groundnut, rice-rice-groundnut, and rice-rice-sesame; others are castor + ginger/ turmeric, cotton + sesame, castor + sesame &amp; pigeonpea + groundnut.</li> <li>• Technology/products: Rice landraces : Thella sanna vodlu, Yerra sanna vodlu Pigeonpea landraces:Natu kandi, Peda kandi, Tota kandi;Field bean landraces: Anapa, Natu anumulu Brinjal landraces : Sanna vanga, Saara vanga, Tella mulaka, Tella vanga</li> </ul>
--	--	---	--

			<p><i>aromaticum</i>, <i>S. alternifolia</i>, <i>S. zeylanicum</i>, <i>S. jambos</i>, <i>Trigonella occulta</i>, <i>Vigna triloba</i>, <i>Ziziphus horrida</i>.</p> <p><b>Endemic species:</b> <i>Boswellia ovalifoliolata</i>, <i>Cycas beddomei</i>, <i>Luffa acutangula</i> var. <i>amara</i>.</p>	<p>Onion landraces: Chinna erragadda, Erra gadda, Tella gadda) Mango landraces; Banganapalli,</p> <ul style="list-style-type: none"> <li>• Cheruvu reservoirs to store runoff water</li> <li>• Dravidians and tribal cultures</li> <li>• Associated tribe: Bangris &amp; Some Negritos tribes</li> </ul>
18.	<b>Kaveri region</b>	<p><b>Tamil Nadu</b> Chengai Anna, South Arcot, North Arcot, Ambedkar, Thiuvannamalai, Tiruchirapalli, Pudukottai, Thiruarur, Vellore, Kanchipuram, Dharmapuri, Salem, Namakkal, Karur and Dindigal</p>	<p><b>Crops:</b> Cereals: Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>); Millets: Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>), Kodo millet (<i>Paspalum scrobiculatum</i>), Pearl millet (<i>Pennisetum glaucum</i>); Legumes: Chickpea (<i>Cicer arietinum</i>), Green gram (<i>Vigna radiata</i>), Horse gram (<i>Macrotyloma uniflorum</i>), Pigeonpea (<i>Cajanus cajan</i>); Vegetables: Canavalia (<i>Canavalia ensiformis</i>); Fruit: Banana (<i>Musa sapientum</i>), Cucumber (<i>Cucumis sativus</i>), Gherkin (<i>Cucumis anguria</i>), Mango (<i>Mangifera indica</i>), Musk melon (<i>Cucumis melo</i>), Water melon</p>	

		<p>(<i>Citrullus lanatus</i>), Tamarind (<i>Tamarindus indica</i>); Tubers: Elephant-foot yam (<i>Amorphophalus paeonifolius</i>), Potato yam (<i>Dioscorea bulbifera</i>), Sweet Potato (<i>Ipomoea batatas</i>), Yam (<i>Dioscorea alata</i>); Spices: <i>Curcuma latifolia</i>, Palmyra (<i>Borassus flabellifer</i>). Tapioca (<i>Manihot esculentum</i>); Oilseeds: Cotton (<i>Gossypium hirsutum</i>), Groundnut (<i>Arachis hypogaea</i>).</p> <p><b>Other Economic plant species:</b> Fruits: <i>Tamarindus indica</i>; Medicinal plants: <i>Rauwolfia</i> (<i>Rauwolfia serpentina</i>); Multipurpose: <i>Morus alba</i>, <i>Terminalia tomentosa</i>, <i>T. paniculata</i>, <i>T. bellirica</i>; Wood: <i>Albizia amara</i>, <i>Dalbergia latifolia</i>, Sandal wood (<i>Santalum album</i>); Timber: (<i>Tectona grandis</i>), Palmyra palm (<i>Borassus flabellifer</i>); Dyes: Katha (<i>Acacia catechu</i>).</p> <p><b>Wild relatives:</b> <i>Cajanus scaraboides</i>, <i>Cucumis pubesens</i>, <i>Oryza officinalis</i>, <i>Solanum nigrum</i>, <i>S. surattense</i>, <i>Trigonella occulta</i>, <i>Vigna triloba</i>.</p>	<ul style="list-style-type: none"> <li>• Hot semi-arid eco-region of Southern-eastern Ghats, including Leeward parts with higher rain fall (600-1000 mm)</li> <li>• Red loamy soil</li> <li>• Tropical dry deciduous and thorn forests</li> <li>• Traditional rain-fed farming</li> <li>• Major crops: Rice, millets, pulses, oilseeds and sugarcane during Kharif; Sorghum, mustard, sesame, peas during Rabi</li> <li>• Cropping systems: Rice cultivated under irrigated agriculture</li> <li>• Coconut as plantation crop</li> <li>• Technology/products:</li> </ul> <p><b>Tamil Nadu</b> <b>Rice landraces</b> : Katta, Kroujothi, Sirumani,</p>
--	--	---	---

			<p><b>Endemic species:</b>  <i>Arthraxon deccanensis</i>, <i>Arthraxon inermis</i> var <i>velevii</i>, <i>Ceropegia odorata</i>, <i>Chloris bournei</i>, <i>Crotalaria madurensis</i>, <i>Dalbergia coromandeliana</i>, <i>Jatropha villosa</i> var. <i>ramnadensis</i>.</p>	<p>Koolavalai, Sadaisamba, Aruvamjurvai, Punkabisamba, Sirusamba, Modumulingi, Perunellu, Dhonanellu, Mottanellu, Kottanellu, Nanavari, etc.</p> <p><b>Maize landraces:</b>  Mokkasolam, Silippisolam, Pottusolam</p> <p><b>Sorghum landraces:</b>  Chencholam, Karuncholam</p> <p><b>Pearlmillet landraces:</b>  Potuukambu, Nattukambu, Malakambu, Kattukambu</p> <p><b>Foxtail millet landraces:</b>  Senthinai, Karunthinai, Vellanthinai, Korai, Vippanthiani, Arapandi</p> <p><b>Fingermillet landraces:</b>  Karunsurattai, Vellasurattai, Vellari, Thoovalkevuru, Periarati, Senduragi)</p>
--	--	--	--	---



				<p><b>Little millet landraces:</b> Vellasama, Sindikilisama, Pillusamai, Karunsamai, Odusamai, Kothusamai</p> <p><b>Dolichos landraces:</b> Kollu, Avarai, Pandhal avarai, Karuppu avarai, Vellai avarai, Oor avarai, Mochai</p> <p><b>Karnataka</b> Soppina Bettas (hillock foliage)</p> <ul style="list-style-type: none"> <li>• Dravidians with influence of western cultures</li> <li>• Associated tribe: Kota</li> </ul>
19.	<b>Deccan Plateau</b>	<p><b>Maharashtra:</b> Jalna, Hingoli, Pharbhani, Beed, Nanded, Latur, Osmanabad, Solapur, Sangli, Gondia, Gadchiroli</p>	<p><b>Crops:</b> Cereals: Barley (<i>Hordeum vulgare</i>), Maize (<i>Zea mays</i>), Rice (<i>Oryza sativa</i>), Sorghum (<i>Sorghum bicolor</i>), Wheat (<i>Triticum aestivum</i>); Millets: Barnyard millet (<i>Echinochloa frumentacea</i>), Finger millet (<i>Eleusine coracana</i>), Foxtail millet (<i>Setaria italica</i>), Little millet (<i>Panicum sumatrense</i>), Pearl millet (<i>Pennisetum americanum</i>), Proso</p>	<ul style="list-style-type: none"> <li>• Hot semi-arid eco-region</li> <li>• Shallow medium black soil (MS) Red &amp; black soil (AP)</li> <li>• Tropical dry deciduous forests &amp; thorn forests</li> <li>• Traditional rain-fed farming</li> </ul>

		<p><b>Andhra Pradesh:</b> Adilabad, Karimnagar, Warangal, Khammam</p> <p><b>Karnataka:</b> Bidar, Gulbarga</p>	<p>millet (<i>Panicum milliare</i>); Legumes: Black gram (<i>Vigna mungo</i>), Chickpea (<i>Cicer arietinum</i>), Cowpea (<i>Vigna unguiculata</i>), Green gram (<i>Vigna radiata</i>), Pigeonpea (<i>Cajanus cajan</i>), Pillipesara (<i>Vigna trilobata</i>), Ricebean (<i>Vigna umbellata</i>); Vegetables: Bitter gourd (<i>Momordica charantia</i>), Chilli (<i>Capsicum annuum</i>), Cucumber (<i>Cucumis sativus</i>), Musk melon (<i>Cucumis melo</i>), Ridged gourd (<i>Luffa acutangula</i>), Sponge gourd (<i>Luffa aegyptiaca</i>); Fruit: Jamun (<i>Syzygium cumini</i>); Oilseeds: Brassica (<i>Brassica juncea</i>), Groundnut (<i>Arachis hypogaea</i>), Niger (<i>Guizotia abyssinica</i>), Safflower (<i>Carthamus tinctorius</i>), Sesame (<i>Sesamum indicum</i>); Fibre: Cotton (<i>Gossypium arboreum</i>, <i>G. herbaceum</i>), Dry land Jute (<i>Corchorus antichorus</i>).</p> <p><b>Other Economic plant species:</b> Multipurpose: <i>Acacia campbellii</i>, <i>A. jacquemontii</i>, <i>A. farnesiana</i>, <i>A. leucophloea</i> var. <i>leucophloea</i>, <i>Acacia nilotica</i> subsp. <i>indica</i>, <i>A. pinnata</i>, <i>Albizia lebbeck</i>, <i>Anogeissus latifolia</i>, <i>Boswellia serrata</i>, <i>Butea monosperma</i>,</p>	<ul style="list-style-type: none"> <li>Major crops: Sorghum, pigeonpea, pearl millet, cotton, groundnut; Rabi-Sorghum, safflower, sunflower on stored moisture; Irrigated rice (AP)</li> <li>Cropping systems: sorghum-safflower/sunflower/groundnut, soybean-safflower, soybean-chickpea, cotton-sunflower, cotton-groundnut and pigeon pea-sesame. Sorghum, cotton and pigeonpea are intercropped with soybean, sesame, groundnut</li> </ul> <p><b>Maharashtra</b></p> <ul style="list-style-type: none"> <li>Technology/products: Sorghum landraces: Alluna jola, Badi jowar,</li> </ul>
--	--	--	--	---

		<p><i>Santalum album</i>, <i>Terminalia alata</i>, <i>T.arjuna</i>, <i>T. bellerica</i>, Fruit: <i>Aegle marmelos</i>; <i>Buchnanian lanzen</i>, <i>Citrus sinensis</i>, <i>Flacourtia inermis</i>, <i>Hibiscus cannabinus</i>, <i>Phyllanthus emblica</i>, <i>Limonia acidissima</i>, <i>Syzygium cumini</i>.</p> <p><b>Wild relatives:</b> <i>Amaranthus caudatus</i>, <i>A. polygamus</i>, <i>Amorphophallus campanulatus</i>, <i>Corchorus acutangulus</i>, <i>C. tridens</i>, <i>Dioscorea intermedia</i>, <i>D. wightii</i>, <i>Sorghum stapfii</i>, <i>S. deccanense</i>, <i>Trilobachne cookie</i>, <i>Vigna hainiana</i>.</p> <p><b>Endemic species:</b> <i>Andrographis serphyllifolia</i>, <i>Cassia montana</i>, <i>Chloris bournei</i>, <i>Crotalaria rigida</i>, <i>Digitaria tomentosa</i>, <i>Eragrostis deccanensis</i>, <i>Indigofera deccanensis</i>, <i>I. glandulosa</i> var. <i>sykesii</i>, <i>Oryza nivara</i>, <i>Panicum deccanense</i>, <i>Sophora interrupta</i>, <i>Vetiveria lawsonii</i>.</p>	<p>Dagadi jowar, Gulbendi, Harni jowar, Hulgi jola, Kavaali, Maldandi, Pandhari jowar</p> <p>Irrigation: Kohli Tanks; Bhanadaras, check dams or diversion weirs; Phad community-managed irrigation</p> <ul style="list-style-type: none"> <li>• Indo-Aryans, Dravidians, also Brachycephals (Coorgis and Parsis) in patches with influence of western cultures</li> </ul> <p><b>Andhra Pradesh:</b></p> <p><b>Rice landraces:</b> Bobbili gantalu, Chalka buchi vadlu, Cheruku luchchalu, Chinna sindhu bayalu, Chinna vodlu, Duppi tokalu, Erra vadlu, Goranka mukkulu, Kare budamalu, Kattakichidi, Nalla vadlu, Roti singlaralu, Sudi vanja,</p>
--	--	--	---

				<p>Vulliguththulu</p> <p><b>Sorghum landraces:</b> Chiruthalavalu, Dhanijowar, Gingrijowar, Pandimuttejonna, Patchajonna, Pelalajonna, Sadgurujonna, Tekdarijonna, Vanijowar</p> <ul style="list-style-type: none"> <li>• Indo-Aryan + Dravidians races</li> <li>• Associated tribe: Adivasi, Girijan and Vanya Jati</li> </ul>
20.	<b>Konkan region</b>	<b>Maharashtra:</b> Raigad, Mumbai, Thane, Ratnagiri,	<b>Crops:</b> Cereals: Rice ( <i>Oryza sativa</i> ), Sorghum ( <i>Sorghum bicolor</i> ), Wheat ( <i>Triticum aestivum</i> ); Millets: Finger millet ( <i>Eleusine coracana</i> ), Foxtail millet ( <i>Setaria italica</i> ), Pearl millet ( <i>Pennisetum glaucum</i> ), Proso millet ( <i>Panicum miliare</i> ); Legumes: Black gram ( <i>Vigna mungo</i> ), Cow pea ( <i>Vigna unguiculata</i> ), Green gram ( <i>Vigna radiata</i> ), Horse gram ( <i>Macrotyloma uniflorum</i> ), Pignon pea ( <i>Cajanus cajan</i> ); Vegetable: Bottle gourd ( <i>Lagenaria siceraria</i> ), Brinjal ( <i>Solanum melongena</i> ), Brussels sprouts ( <i>B. oleracea</i> var. <i>gemmifera</i> ), Cabbage ( <i>Brassica</i> ).	<ul style="list-style-type: none"> <li>• Hot humid- subhumid eco- region of Western Ghats &amp; coastal plains</li> </ul>

		<p>Sindhudurg, part of Pune, Satara and Kolhapur districts.</p> <p><b>Goa:</b> North Goa, South Goa.</p> <p><b>Karnataka:</b> Uttar Kannada</p>	<p><i>oleracea</i> var. <i>capitata</i>, Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>), Chilli (<i>Capsicum annuum</i>), Cucumber (<i>Cucumis sativus</i>), Kundri (<i>Coccinia indica</i>), Lady finger (<i>Abelmoschus esculentus</i>), Pumpkin (<i>Cucurbita pepo</i>), Ridged gourd (<i>Luffa acutangula</i>), Snake gourd (<i>Trichosanthes cucumeriana</i> var. <i>anguina</i>), Tomato (<i>Lycopersicon esculentum</i>), Winter squash (<i>Cucurbita maxima</i>); Fruit: Arecanut (<i>Areca catechu</i>), Banana (<i>Musa acuminata</i>, <i>M. sapientum</i>), Cashewnut (<i>Anacardium occidentale</i>), Coconut (<i>Cocos nucifera</i>), Jack fruit (<i>Artocarpus heterophyllus</i>), Mango (<i>Mangifera indica</i>), Pineapple (<i>Ananas comosus</i>); Tubers: Elephant-foot Yam (<i>Amorphophallus commutatus</i>), Tapioca (<i>Manihot esculentum</i>), Taro (<i>Colocasia esculenta</i>), Yam (<i>Dioscorea bulbifer</i>, <i>Dioscorea esculenta</i>); Spices: Ginger (<i>Zingiber officinale</i>).</p> <p><b>Other Economic plant species:</b> <i>Acacia catechu</i>, <i>Acacia nilotica</i> subsp. <i>indica</i>, <i>Achras sapota</i>, <i>Albizia chinensis</i>, <i>Annona cherimola</i>, <i>A.squamosa</i>, <i>Artocarpus heterophyllus</i>, <i>Capparis</i></p>	<ul style="list-style-type: none"> <li>• Red, lateritic and alluvium-derived soils</li> <li>• Tropical moist deciduous forests</li> <li>• Major crops: Rice, tapioca, coconut, spices</li> <li>• Cropping system: Rice-fallows/pulses</li> <li>• Technology/products: <ul style="list-style-type: none"> <li><b>Maharashtra</b></li> <li>Rice varieties: Ratnagiri, Ratna, Early Kolpi, Radhanagari, Palghar, Jaya, Vijaya, Sona, Satya, Surya, Suhasini, Karjat, Pankaj, Ambemohar</li> <li>• Indo-Aryans, Dravidians, and Parsis) in patches with influence of western cultures</li> <li><b>Goa</b></li> <li>• Technology/products: Mango varieties-</li> </ul> </li> </ul>
--	--	---	--	---

		<p><i>divaricata</i>, <i>Carissa congesta</i>, <i>Chukrassia tabularis</i>, <i>Dipterocarpus indicus</i>, <i>Garcinia indica</i>, <i>G. morella</i>, <i>Garcinia talbotii</i>, <i>Hardwickia binata</i>, <i>Lagerstoemia microcarpa</i>, <i>Lawsonia inermis</i>, <i>Mimusops elengii</i>, <i>Myristica malabarica</i>, <i>Syzygium cuminii</i>, <i>Vitis vinifera</i>.</p> <p><b>Wild relatives:</b> <i>Abelmoschus angulosus</i>, <i>A. ficulneus</i>, <i>A. manihot</i> var. <i>manihot</i>, <i>Amaranthus hybridus</i>, <i>A. polygamus</i>, <i>Amorphophallus sylvaticus</i>, <i>A. konkanensis</i>, <i>Annona cherimola</i>, <i>Cajanus lineatus</i>, <i>Cajanus sericeous</i>, <i>Carissa macrocarpum</i>, <i>C. macrophylla</i>, <i>C. paucinervia</i>, <i>C. perrottetii</i>, <i>C. sulphuratum</i>, <i>C. wightii</i>, <i>Carum strictocarpum</i>, <i>Cinnamomum iners</i>, <i>Coleus spicata</i>, <i>C. zeylanicus</i>, <i>Crotalaria retusa</i>, <i>Cucumis trigonous</i>, <i>Curcuma reclinata</i>, <i>C. sulcata</i>, <i>Dolichos bracteatus</i>, <i>D. uniflorus</i>, <i>Fragaria nilgerrensis</i>, <i>Garcinia indica</i>, <i>Linum mysoreense</i>, <i>Mangifera andamanica</i>, <i>Mimusops elengi</i>, <i>Momordica dioica</i>, <i>M. tuberosa</i>, <i>Myristica malabarica</i>, <i>M. dactyloides</i>, <i>Oryza meyeriana</i>, <i>O. officinalis</i> subsp. <i>malampuzhaensis</i>, <i>Pennisetum orientale</i>, <i>Piper argyrophyllum</i>, <i>P. galeatum</i>, <i>P. hookeri</i>, <i>P. hymenophyllum</i>,</p>	<p>Mancuradi, Maussarda, Fernandine, Xayer, Alfanso, Colaco; Jackfruit-Cappo, Rassal</p> <p><b>Karnataka</b></p> <ul style="list-style-type: none"> <li>• Excessive leaching, water logging, soil erosion</li> <li>• Indo-Aryans, Dravidians with influence of Portuguese</li> <li>• Associated tribes: Baiga, Bavacha, Chodhara, Dhanwar, Pardhan, Irular, Kadu kuruba, Naikada, Toda, Varli.</li> </ul>
--	--	---	---

			<p><i>Piper nigrum</i>, <i>P. trichostachyon</i>, <i>Rosa leschenaultina</i>, <i>Syzygium bracteatum</i>, <i>S. arnottianum</i>, <i>S. bourdillonii</i>, <i>S. montanum</i>, <i>Vigna radiata</i> var. <i>sylvestris</i>, <i>V. radiata</i> var. <i>setulosa</i>, <i>V. dalzelliana</i>, <i>V. khandalensis</i>, <i>V. grandis</i>, <i>Ziziphus glabrata</i>, <i>Zingiber macrostachyum</i>.</p> <p><b>Endemic species:</b> <i>Amorphophallus konkanensis</i>, <i>Asparagus laevisimus</i>, <i>Cassia kolabensis</i>, <i>Chlorophytum bharuchae</i>, <i>C. borivillianum</i>, <i>Cucumis ritchei</i>, <i>C. setosus</i>, <i>Curcuma indora</i>, <i>C. purpurea</i>, <i>Delphinium malabaricum</i> var. <i>ghaticum</i>, <i>Garcinia indica</i>, <i>G. talbotii</i>, <i>Hibiscus talbotii</i>, <i>Vigna khandlensis</i>, <i>V. trilobata</i> var. <i>pusilla</i>, <i>V. vexillata</i> var. <i>sepiaria</i>, <i>V. vexillata</i> var. <i>stocksii</i>, <i>Zingiber cernuum</i>, <i>Zingiber roseum</i>.</p>	
21	<b>Malabar region</b>	<b>Kerala:</b> Kasargod, Kannur, Wayanad, Malappuram, Palakkad,	<b>Crops:</b> Cereals: Rice ( <i>Oryza sativa</i> ), Sorghum ( <i>Sorghum bicolor</i> ); Legumes: French bean ( <i>Phaseolus vulgaris</i> ), Moth bean ( <i>Vigna aconitifolia</i> ), Ricebean ( <i>Vigna umbellata</i> ); Vegetable: Bitter gourd ( <i>Momordica charantia</i> ), Brinjal ( <i>Solanum</i>	<ul style="list-style-type: none"> <li>• Hot humid, sub-humid, southern part of Western Ghats &amp; coastal plains</li> <li>• Red, lateritic alluvium-derived soil</li> </ul>

		<p>Thrissur, Idukki, Ernakulam, Alappuza, Kollam, Kozikode, Pathanamthitta Kottayam, Thiruvananthapuram</p> <p><b>Karnataka:</b> Dakshin Kannada, Udipi, Kodagu.</p> <p><b>Tamil Nadu:</b> Nilgiris, Kanyakumari</p>	<p><i>melongena</i>), Cucumber (<i>Cucumis sativus</i>), Lablab bean (<i>Lablab purpureus</i>), Musk melon (<i>Cucumis melo</i>), Okra (<i>Abelmoschus esculentus</i>), Ridged gourd (<i>Luffa acutangula</i> var. <i>acutangula</i>, <i>L. acutangula</i> var. <i>amara</i>), Snake gourd (<i>Trichosanthes cucumeriana</i> var. <i>anguina</i>), Sponge gourd (<i>Luffa aegyptiaca</i>), Sword bean (<i>Canavalia gladiata</i>); Fruit: Arecanut (<i>Areca catechu</i>), Cashewnut (<i>Anacardium occidentale</i>), Coconut (<i>Cocos nucifera</i>), Jack fruit (<i>Artocarpus heterophyllus</i>), Malabar Tamarind (<i>Garcinia gummigutta</i>), Mango (<i>Mangifera indica</i>) Plantain (<i>Musa sapientum</i>, <i>M. acuminata</i>); Tubers: Country potato (<i>Coleus parviflorus</i>, <i>C. rotundifolius</i>), Elephant-foot yam (<i>Amorphophallus paeonifolius</i>), Tapioca (<i>Manihot esculentum</i>), Taro (<i>Colocasia esculenta</i> var. <i>esculenta</i>), Yam (<i>Dioscorea alata</i>, <i>D. bulbifera</i> var. <i>sativa</i>); Spices: Cardamom (<i>Elettaria cardamomum</i>), Cinnamon (<i>C. verum</i>, <i>C. malabattrum</i>), Clove (<i>Syzygium aromaticum</i>), Ginger (<i>Zingiber officinale</i>,</p>	<ul style="list-style-type: none"> <li>• Tropical moist deciduous forests</li> <li>• Littoral &amp; swamp forests</li> <li>• Traditional rain-fed farming rice, tapioca, coconut and spices</li> <li>• Major crops: coffee, coconut, arecanut, oilpalm with or without inter cultivation with pineapple, tapioca, pepper, cardamom &amp; rice</li> <li>• Cropping systems: rice-rice, rice/pulses/cassava</li> <li>• Technology/products: 600 rice varieties, including medicinal &amp; nutraceutical rice; Scented variety:</li> </ul>
--	--	--	--	---



		<p><i>Zingiber purpureum</i>), Nutmeg (<i>Myristica fragrans</i>), Pepper (<i>Piper nigrum</i>); Oilseeds: Oil Palm (<i>Elaeis guineensis</i>) Sesame (<i>Sesamum indicum</i>); Beverages: Coffee (<i>Coffea arabica</i>), Tea (<i>Camellia sinensis</i>); Latex: Rubber (<i>Hevea brasiliensis</i>).</p> <p><b>Other economic plant species</b>  <i>Annona cherimola</i>, <i>Annona squamosa</i>, <i>A. reticulata</i>, <i>Artocarpus hirsutus</i>, <i>Baccurea courtallensis</i>, <i>Cymbopogon martini</i> var. <i>tofia</i>, <i>C. travancorensis</i>, <i>Dalbergia volubilis</i>, <i>D. beddomei</i>, <i>Dendrocalamus strictus</i>, <i>Diospyros bourdillonii</i>, <i>Dysoxylum malabaricum</i>, <i>Garcinia morella</i>, <i>G. indica</i>, <i>Gluta travancorica</i>, <i>Haldinia cordifolia</i>, <i>Kingiodendron pinnatum</i>, <i>Mesua ferrea</i>, <i>Mimusops elengii</i>, <i>Moringa oleifera</i>, <i>Ochlandra beddomei</i>, <i>O. travancorica</i>, <i>Palaquim ellipticum</i>, <i>Phyllanthus emblica</i>, <i>Sesbania sesban</i>, <i>Swietenia mahagonii</i>, <i>Tectona grandis</i>, <i>Terminalia arjuna</i>, <i>T. paniculata</i>, <i>Xylia xylocarpa</i>.</p> <p><b>Wild relatives:</b> <i>Abelmoschus angulosus</i>, <i>A. crinitus</i>, <i>A. manihot</i> subsp. <i>manihot</i>, <i>Amaranthus hybridus</i>, <i>A. polygamus</i>,</p>	<p>Anakkodan, Gandakasala, Jeeragasala, Kundipullu, Mullanchanna;</p> <p>Flood tolerant varieties: Kotta nellu, Kuttadon, Oormundakan;</p> <p>Salt tolerant varieties: Chettiviruppu, Chovvaryan;</p> <p>Drought tolerant varieties: Thekkenthouvan, Vella thouvan, Veliyan;</p> <p>Medicinal rice varieties: Chennellu, Njavara, Vattan.</p> <p>Pokkali rice cultivation in saline water</p> <ul style="list-style-type: none"> <li>• Dravidian culture:</li> <li>• Associated tribes: Adiyan, Cholanaikkan, Kadukurba, Irular, Kattunayakan, Kudiva, Naikada, Panyyan Malai Pandharam, Mathuvan, Hill Pulaya</li> </ul>
--	--	---	---

		<p><i>Amomum canne carpum</i>, <i>A. muricatum</i>, <i>Amorphophalus commutatus</i>, <i>A. hohenackeri</i>, <i>A bonaccordensis</i>, <i>A. smithsonianus</i>, <i>Cajanus sericeous</i>, <i>C. lineatus</i>, <i>Carissa macrocarpum</i>, <i>C. macrophylla</i>, <i>Carum strictocarpum</i>, <i>Cinnamomum filipedicellatum</i>, <i>C. heyneanum</i>, <i>C. keralense</i>, <i>C. macrocarpa</i>, <i>C. malabratrum</i>, <i>C. nicolsianum</i>, <i>C. perrotetii</i>, <i>C. riparium</i>, <i>C. sulphuratum</i>, <i>C. travancoricum</i>, <i>C. walaiwarensense</i>, <i>Crotalaria retusa</i>, <i>Curcuma aromatica</i>, <i>C. albiflora</i>, <i>C. cannorensis</i>, <i>C. harita</i>, <i>C. kudagensis</i>, <i>C. nilamburensis</i>, <i>reclinata</i>, <i>C. sulcata</i>, <i>Dioscorea belophylla</i>, <i>D. intermedia</i>, <i>D. pentaphylla</i>, <i>D. tomentosa</i>, <i>D. hispida</i>, <i>Dolichos uniflorus</i>, <i>Fragaria nilgerrensis</i>, <i>Garcinia indica</i>, <i>Linum mysorensense</i>, <i>Luffa umbellata</i>, <i>Momordica charantia</i> var. <i>muricata</i>, <i>M. tuberosa</i>, <i>Momordica tuberosa</i>, <i>Musa kattuvazha</i>, <i>M. rosaceae</i>, <i>M. superba</i>, <i>Myristica malabarica</i>, <i>M. dactyloides</i>, <i>Oryza officinalis</i> var. <i>officinalis</i>, <i>O. officinalis</i> var. <i>malampuzhaensis</i>, <i>O. nivara</i>, <i>O. rufipogon</i>, <i>O. meyeriana</i> var. <i>granulata</i>, <i>Piper argyrophyllum</i>, <i>P. galeatum</i>, <i>P. hookeri</i>, <i>P. hymenophyllum</i>, <i>P. silentvalleyensis</i>, <i>P.</i></p>	<ul style="list-style-type: none"> <li>• Kani, Kannikar, Kurumans Toda, Uraly</li> </ul>
--	--	--	--

		<p><i>trichostachyon</i>, <i>Polyalthia suberosa</i>, <i>Psilanthus travancorensis</i>, <i>P. wightianus</i>, <i>Rosa leschenaultina</i>, <i>Solanum melongena</i> var. <i>incana</i>, <i>S. aculeatissimum</i>, <i>S. anguivii</i> var. <i>multiflora</i>, <i>S. erianthum</i>, <i>S. nigrum</i>, <i>S. pubescens</i>, <i>S. torvum</i>, <i>Syzygium arnottianum</i>, <i>S. bourdillonii</i>, <i>S. montanum</i>, <i>S. bracteatum</i>, <i>Trichosanthes cucumeriana</i> var. <i>cucumerian</i>, <i>T. tricuspidata</i> var. <i>tomentosa</i>, <i>T. villosula</i>, <i>Vanilla planifolia</i>, <i>V. wightiana</i>, <i>Vigna bourneae</i>, <i>V. grandis</i>, <i>V. radiata</i> var. <i>silvestris</i>, <i>V. dalzelliana</i>, <i>V. radiata</i> var. <i>setulosa</i>, <i>V. vexillata</i>, <i>Zingiber cernuum</i>, <i>Z. macrostachyum</i>, <i>Z. neesatum</i>, <i>Z. purpureum</i>, <i>Z. roseum</i>, <i>Z. zerumbe</i>, <i>Ziziphus glabrata</i>.</p> <p><b>Endemic species:</b> <i>Amorphophalus commutatus</i>, <i>A. hohenackeri</i>, <i>A. bonaccordensis</i>, <i>A. smithsonianus</i>, <i>Arenga wightii</i>, <i>Artocarpus hirsutus</i>, <i>Asparagus fysonii</i>, <i>Buchanania barberi</i>, <i>Cinnamomum filipedicellatum</i>, <i>C. keralense</i>, <i>C. macrocarpum</i>, <i>C. riparium</i>, <i>C. nicolsianum</i>, <i>C. walaiwarensis</i>, <i>C. wightii</i>, <i>Chorophytum malabaricum</i>, <i>Cryptocarya anamalayana</i>, <i>Curcuma cannanorensis</i>, <i>C. cannanorensis</i> var. <i>lutea</i>, <i>C. esclarata</i>, <i>C. malabarica</i>, <i>C. thalakaveriensis</i>,</p>	
--	--	---	--

		<p><i>C. haritha</i>, <i>C. kudagensis</i>, <i>C. raktakanda</i>, <i>C. vamana</i>, <i>C. nilamburensis</i>, <i>C. neilgherrensis</i>, <i>C. peethapushpa</i>, <i>Cymbopogon flexuosus</i> var. <i>coimbatorensis</i>, <i>C. martini</i> var. <i>tofia</i>, <i>C. polyneuros</i>, <i>Diospyros assimilis</i>, <i>D. barberi</i>, <i>D. bourdillonii</i>, <i>D. pruriens</i>, <i>D. nilagirica</i>, <i>D. saldanhae</i>, <i>D. sulcata</i>, <i>Dalbergia beddomei</i>, <i>D. congesta</i>, <i>D. horrida</i>, <i>D. tinnevelienseis</i>, <i>D. travancorica</i>, <i>Eragrostis unioloides</i> var. <i>tremela</i>, <i>Eugenia argentea</i>, <i>E. discifera</i>, <i>E. singampattiana</i>, <i>Ficus beddomei</i>, <i>Ficus dalhousiae</i>, <i>Ficus guttata</i>, <i>Garcinia gummigutta</i>, <i>G. pictoria</i>, <i>G. rubro-echinata</i>, <i>G. travancorica</i>, <i>G. wightii</i>, <i>Jasminum azoricum</i> var. <i>travancoreense</i>, <i>J. malabaricum</i>, <i>J. wightii</i>, <i>Myristica fatua</i> var. <i>magnifica</i>, <i>Myristica malabarica</i>, <i>Piper barberi</i>, <i>P. galeatum</i>, <i>P. hapinum</i>, <i>P. schmidtii</i>, <i>P. trichostachyon</i>, <i>P. wightii</i>, <i>Rauwolfia hookeri</i>, <i>R. micrantha</i>, <i>Sorghum stapfii</i>, <i>Syzygium bourdillonii</i>, <i>S. chavaran</i>, <i>S. densiflorum</i>, <i>S. gambleanum</i>, <i>S. malabaricum</i>, <i>S. mundagam</i>, <i>S. palghatense</i>, <i>S. parameswaranii</i>, <i>S. tamilnadensis</i>, <i>S. travancoricum</i>, <i>Vigna bourneae</i>, <i>V. vexillata</i>.</p>	
--	--	---	--

22	<b>Islands region</b>	<b>Andamans &amp; Nicobar Islands</b> <b>Lakshdweep Islands</b>	<p><b>Crops:</b> Cereals: Rice (<i>Oryza sativa</i>); Legumes: Black gram (<i>Vigna mungo</i>), Greengram (<i>Vigna radiata</i>); Vegetables: Bitter gourd (<i>Momordica charantia</i>), Bottle gourd (<i>Lagenaria siceraria</i>), Brinjal (<i>Solanum melongena</i>), Cucumber (<i>Cucumis sativus</i>), Okra (<i>Abelmoschus esculentus</i>), Ridged gourd (<i>Luffa acutangula</i> var. <i>acutangula</i>, <i>L. acutangula</i> var. <i>amara</i>, Snake gourd (<i>Trichosanthes cucumeriana</i> var. <i>anguina</i>), Sponge gourd (<i>Luffa aegyptiaca</i>), Sword bean (<i>Canavalia gladiata</i>), Pepper (<i>Piper nigrum</i>), Ginger (<i>Zingiber officinale</i>); Tubers: Tapioca (<i>Manihot esculenta</i>); Fruits: Arecanut (<i>Areca catechu</i>), Cashewnut (<i>Anacardium occidentale</i>), Coconut (<i>Cocos nucifera</i>), Jack fruit (<i>Artocarpus heterophyllus</i>), Mango (<i>Mangifera indica</i>), Oil Palm (<i>Elaeis guineensis</i>), Pine apple (<i>Ananas comosus</i>); Tubers: Elephant-foot yam (<i>Amorphophallus paeoniifolius</i>), Taro (<i>Colocasia esculenta</i>), Yam (<i>Dioscorea bulbifera</i>).</p>	<ul style="list-style-type: none"> <li>• Islands, hot sub-humid eco-region</li> <li>• Red loamy and sandy soils</li> <li>• Tropical evergreen, littoral and swamp forests</li> <li>• Agriculture is very recent confined to habitations, no traditional farming</li> <li>• Major crops: Kharif-Rice; Plantation crops are dominant with coconut, arecanuts, oilpalm, pineapple, tapioca and pepper</li> <li>• Cropping systems: coconut, arecanut and oil palm with or without intercropping with pineapple, tapioca and pepper</li> <li>• Technology/products: Diversity in wild relatives of horticultural crops</li> </ul>
----	-----------------------	--	--	---

		<p><b>Other Economic plant species:</b> Black Chuglum (<i>Terminalia mannii</i>), Gurjan (<i>Dipterocarpus andamanicus</i>, <i>D. incanus</i>, <i>D. turbinatus</i>, <i>Hopea parviflora</i>), Khari Mahua (<i>Manilkara littoralis</i>), Padauk (<i>Pterocarpus dalbergioides</i>), Soft wood trees (<i>Bombax insigne</i>, <i>Canarium euphyllum</i>, <i>Planchonia andamanica</i>, <i>Pterygota alata</i>), White Bombay (<i>Terminalia procera</i>), White Chuglum (<i>Terminalia bialata</i>), Multipurpose trees; Kokkum (<i>Garcinia indica</i>), Noni (<i>Morinda citrifolia</i>), Pandanus bread fruit (<i>Pandanus lerum</i>), Water coconut (<i>Nypa fruticans</i>), <i>Moringa oleifera</i>, Wild Cardamom (<i>Amomum fenzlii</i>); <i>Canarium euphyllum</i>.</p> <p><b>Wild relatives:</b> <i>Amorphophallus carnosus</i>, <i>A. blumei</i>, <i>A. longistylus</i>, <i>A. onchophyllus</i>, <i>Canavalia turgida</i>, <i>Colocasia mannii</i>, <i>Dioscorea glabra</i>, <i>D. vexans</i>, <i>Garcinia jalinekii</i>, <i>G. calycina</i>, <i>Horstedtia fenzlii</i>, <i>Knema andamanica</i>, <i>Mangifera andamanensis</i>, <i>M. camptosperma</i>, <i>Mimusops andamanica</i>, <i>Myristica connaroides</i>, <i>Oryza indandamanica</i>, <i>Pandanus andamanensis</i>, <i>Syzygium andamanicum</i>, <i>S. clavifolium</i>, <i>S. polyanthum</i>,</p>	<ul style="list-style-type: none"> <li>• Negritos race; main tribes are Jarewas, Onges, Sentelene and Great Andamanis Andaman and Nicobar islands are rich in plant biodiversity; agro-biodiversity is not evaluated as agriculture is of recent origin. But the area is rich in wild plants, which have potential economic value.</li> </ul>
--	--	---	---

		<p><i>S.samaranngense</i>, <i>Semecarpus kurzii</i>, <i>Tacca leontopetaloides</i>, <i>Terminalia catappa</i>, <i>T. mannii</i>, <i>Vanilla andamanica</i>.</p> <p><b>Endemic species:</b> <i>Aglaia fusca</i>, <i>Aglaonema nicobarica</i>, <i>Amoora mannii</i>, <i>Amorphophallus carnosus</i>, <i>A.longistylus</i>, <i>A.oncophyllus</i>, <i>Amomum fenzlii</i>, <i>Bauhinia nicobarica</i>, <i>Bentinckia nicobarica</i>, <i>Bombax insigne</i>, <i>Calamus andamanicus</i>, <i>C. barantangensis</i>, <i>C. calycina</i>, <i>C. nicobaricus</i>, <i>C. unifarius</i>, <i>Canarium mannii</i>, <i>Dillenia andamanica</i>, <i>Dioscorea rogersii</i>, <i>D. vexans</i>, <i>Dipterocarpus andamanicus</i>, <i>Dysoxylum andamanicum</i>, <i>Garcinia andamanica</i>, <i>G.calycina</i>, <i>Jasminum andamanicum</i>, <i>J. cordifolium</i>, <i>Macaranga nicobarica</i>, <i>Mangifera andamanica</i>, <i>Mimusops andamanica</i>, <i>Myristica connaroides</i>, <i>Pandanus andamanensis</i>, <i>P. leram</i>, <i>Strychnos andamanensis</i>, <i>S.narcondamensis</i>, <i>Syzygium andamanicum</i>, <i>Vanilla andamanica</i>.</p>	
--	--	---	--



*Ensete superbum*



*Madhuca longifolia*



*Psilanthus benghalensis*





*Dichesnea indica*



*Saccharum arundinaceum*



*Saccharum rufigyllum*



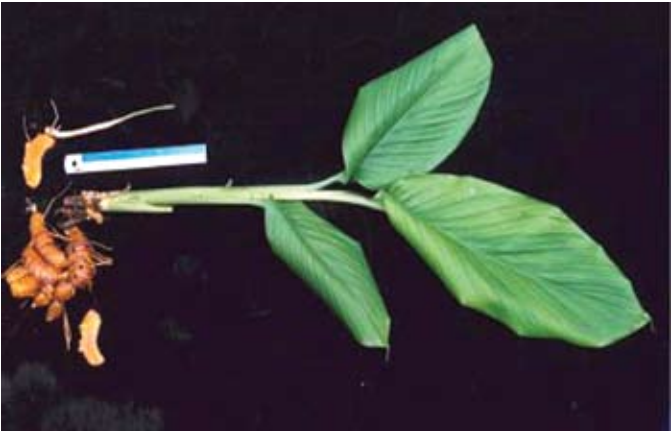
*Terrace cultivation*



*Curcuma longa*



*Garcinia gummi-gutta*



*Curcuma longa*



*Curcuma raketkanda*



*Citrus latipes*



*Aegle marmelos*



*Solanum sisymbriifolium*



*Solanum sisymbriifolium* (Fruits)

### Endemic Plant Species of Agrobiodiversity Importance

No	Hot Spot/ Plant species	Family	Habit	Distribution	Remarks
<b>I. Cold Desert Agrobiodiversity Region:</b>					
1.	<i>Aconitum deinorrhizum</i> Holmes ex Stapf	Ranunculaceae Herb	Alpine zone, along slopes		
2.	<i>Aconitum leave</i> Royle var. <i>curvipilosum</i> Tanaka	Ranunculaceae	Herb	NW Himalaya	Medicinal
3.	<i>Aconitum kashmiricum</i> Stapf ex Coventry	Ranunculaceae	Herb	NW Himalaya	Roots medicinal
4.	<i>Aconitum violaceum</i> Jacquem. ex Stapf var. <i>robustum</i> Stapf	Ranunculaceae	Herb	NW Himalaya	Roots medicinal
5.	<i>Allium gilgiticum</i> Wang et Tang	Liliaceae	Herb	NW Himalaya	Wild relative, spice
6.	<i>Aquilegia fragrans</i> Benth.	Ranunculaceae	Herb	NW Himalaya	Hom- oeopathic medicine
7.	<i>Arnebia benthamii</i> (Wall. ex G.Don) Johns	Boraginaceae	Herb	NW Himalaya	Medicine

8.	<i>Atropa acuminata</i> Royle	Solanaceae	Erect herb	NW Himalaya	Medicinal, wild relative
9.	<i>Cicer microphyllum</i> Benth.	Fabaceae	Herb	Ladakh	Wild relative
10.	<i>Dianthus jacquemontii</i> Edgew.	Caryophyllaceae	Herb	Alpine Himalaya	Ornamental
11.	<i>Hippophae rhamnoides</i> L.	Elaeagnaceae	Shrub	NW Himalaya	Minor fruit
12.	<i>Meconopsis aculeata</i> Royle	Papaveraceae	Herb	NW Himalaya	Medicinal
13.	<i>Potentilla karakoramica</i> Sojak	Rosaceae	Herb	NW Himalaya	Medicinal
14.	<i>Saussurea clarkei</i> Hook.f.	Asteraceae	Herb	NW Himalaya	Medicinal
<b>II. Western Himalayan Agrobiodiversity Region:</b>					
1.	<i>Acer acuminata</i> Wall. ex D. Don	Aceraceae	Medium sized deciduous tree	NW Himalaya	Wood
2.	<i>Acer oblongum</i> Wall. ex D. Don var. <i>membranaceum</i> Banerji	Aceraceae	Tree	Shiwalik	Wood
3.	<i>Aconitum deinorrhizum</i> Holmes ex Stapf	Ranunculaceae	Herb	J & K, HP	Roots medicinal
4.	<i>Aconitum falconeri</i> Stapf var. <i>falconeri</i>	Ranunculaceae	Herb	HP, NW Himalaya	Medicinal
5.	<i>Aconitum falconeri</i> Stapf var. <i>latilobum</i> Stapf	Ranunculaceae	Herb	HP	Medicinal

6.	<i>Aconitum moschatum</i> (Bruhl) Stapf	Ranunculaceae	Herb	NW Himalaya	Medicinal
7.	<i>Agrostis monroana</i> Aitch. & Hemsl. subsp. <i>indica</i> Sunanda et Jain	Poaceae	Herb	NW Himalaya	Forage
8.	<i>Allium chitralicum</i> Wang et Tang	Liliaceae	Herb	NW Himalaya	Wild relative, spice
9.	<i>Allium gilgiticum</i> Wang et Tang	Liliaceae	Herb	NW Himalaya	Wild relative, spice
10.	<i>Allium roylei</i> Stearn	Liliaceae	Herb	NW Himalaya	Wild relative, spice
11.	<i>Atropa acuminata</i> Royle	Solanaceae	Erect herb	J & K, HP	Medicinal
12.	<i>Campanula ovata</i> Benth.	Campanulaceae	Herb	J & K	Blue funnel shaped flowers
13.	<i>Campanula wattiana</i> Nayar et Babu	Campanulaceae	Herb	Lahul to Kumaon	Ornamental
14.	<i>Cicer microphyllum</i> Benth.	Fabaceae	Herb	Ladakh	Wild relative
15.	<i>Cassia davidsonii</i> Singh	Fabaceae	Shrub	Kumaon, NW Hiamalaya	Ornamental
16.	<i>Dianthus cachemiricus</i> Edgew.	Caryophyllaceae	Herb	Alpine regions, J & K	Ornamental
17.	<i>Dianthus jacquemontii</i> Edgew.	Caryophyllaceae	Herb	Alpine regions, J & K	Ornamental

18.	<i>Delphinium koelzii</i> Munz	Ranunculaceae	Herb	Himachal Pradesh	Ornamental
19.	<i>Eremurus himalicus</i> Baker	Liliaceae	Herb	NW Himalaya	Ornamental
20.	<i>Fraxinus xanthoxyloides</i> (Wall. ex Don) DC.	Oleaceae	Small tree	Kashmir to Kumaon	Wood
21.	<i>Geranium pinetophium</i> R.Kunth.	Geraniaceae	Herb	Kashmir Himalaya	Ornamental
22.	<i>Indigofera cedrorum</i> Dunn.	Fabaceae	Shrub	Lahul to Kumaon	Dye yielding
23.	<i>Indigofera dosua</i> Buch.-Ham ex D.Don var. <i>simlensis</i> (Ali) Sanj.	Fabaceae	Shrub	Lahul to Kumaon	Dye
24.	<i>Iris duthiei</i> Foster	Iridaceae	Herb	NW Himalaya	Ornamental
25.	<i>Iris hookeriana</i> Foster	Iridaceae	Herb	NW Himalaya	Ornamental
26.	<i>Iris kashmiriana</i> Baker	Iridaceae	Herb	NW Himalaya	Ornamental
27.	<i>Jasminum parkeri</i> Dunn	Oleaceae	Shrub	Uttarkhand, NW Himalaya	Ornamental
28.	<i>Juglans regia</i> L. var. <i>kumaonica</i> C.DC.	Juglandaceae	Deciduous tree	NW Himalaya	Fruit & Wood
29.	<i>Lilium roseum</i> Wall. ex Hook.f.	Liliaceae	Herb	NW Himalaya	Ornamental
30.	<i>Lilium thomsoniaum</i> Royle	Liliaceae	Herb	NW Himalaya	Ornamental



31.	<i>Rosa hirsuta</i> Chabi Gora et Panigr.	Rosaceae	Scandent shrub	Kumaon, 3600-3800m	Ornamental
32.	<i>Rosa macrophylla</i> Lindl. var. <i>hookeriana</i> Hook.f.	Rosaceae	Shrub	Kashmir to Kumaon	Ornamental
33.	<i>Rubia edgeworthii</i> Hook.f.	Rubiaceae	Herb	N.W.Himalaya	Ornamental
34.	<i>Saussurea clarkei</i> Hook.f.	Asteraceae	Herb	J & K	Medicinal
35.	<i>Tulipa clusiana</i> DC. f. <i>porphyrechrysantha</i> Dasgupta et Deb	Liliaceae	Herb	NW Himalaya	Ornamental
36.	<i>Ulmus wallichiana</i> Planch. var. <i>tomentosa</i> Melville et Heyb.	Ulmaceae	Tree	Kashmir Himalaya	Timber
<b>III. Eastern Himalayan Agrobiodiversity Region:</b>					
1.	<i>Acer oblongum</i> Wall. ex DC. var. <i>microcarpum</i> Hiern.	Aceraceae	Evergreen tree	Mishmi hills	Wood
2.	<i>Acer hookeri</i> Miq. var. <i>majus</i> Pax	Aceraceae	Tree	Sikkim Himalayas	Ornamental
3.	<i>Acer sikkimense</i> Miquel var. <i>serrulatum</i> Pax	Aceraceae Aceraceae	Tree Tree	E.Himalayas Sikkim Himalayas	Ornamental Ornamental
4.	<i>Aconitum lethale</i> Griff.	Ranunculaceae	Herb	Mishmi hills	Bish poison of Mishmees, medicinal

5.	<i>Albizia arunachalensis</i> Sahni et Naithanii	Fabaceae	Tree	Arunachal Pradesh	Wood, wild relative
6.	<i>Argyreia sikkimensis</i> (Clarke) Oostat.	Convolvulaceae	Climber	Sikkim Himalaya	Medicinal
7.	<i>Biermannia jainiana</i> Hegde et A.N.Rao	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
8.	<i>Boehmeria tirapensis</i> Deb et Dutta	Urticaceae	Undershrub	Arunachal Pradesh	Fibre
9.	<i>Bulbophyllum obrienianum</i> Rolfe	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
10.	<i>Camellia siangensis</i> T.K.Paul et Nayar	Theaceae	Small tree	Arunachal Pradesh	Wild relative
11.	<i>Capparis pachyphylla</i> Jacob	Capparidaceae	Shrub	Arunachal Pradesh	Fruit
12.	<i>Chimonocalamus longispiculatus</i> R.Majumdar	Bambusoideae	Shrub	Arunachal Pradesh	For cane
13.	<i>Cleisostoma tricallosum</i> Hegde et A.N.Rao	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
14.	<i>Desmodium kulhaitense</i> C.B.Clarke	Fabaceae	Subshrub	Sikkim	Forage
15.	<i>Diplomeris josephii</i> A.N.Rao et M.S.Swam.	Orchidaceae	Herb	Arunachal Pradesh	Ornamental

16.	<i>Elaeocarpus dubius</i> A.DC.	Elaeocarpaceae	Tree	Arunachal Pradesh	Fruit
17.	<i>Epipogium sessanum</i> Hegde et A.N.Rao	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
18.	<i>Eria connata</i> Joseph et al.	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
19.	<i>Eria jengingensis</i> Hegde	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
20.	<i>Eurya arunachalensis</i> Chauhan	Theaceae	Small tree	Arunachal Pradesh	Beverage
21.	<i>Gastrodia arunachalensis</i> Hegde et Nageswara Rao	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
22.	<i>Glycosmis boriانا</i> Narayanswami	Rutaceae	Small tree	Arunachal Pradesh	Medicinal
23.	<i>Hopea shingkeng</i> (Dunn) Bor	Dipterocarpaceae	Tree	Abor hills,	Timber
24.	<i>Lactuca cooperi</i> Anthony	Asteraceae	Herb	Sikkim Himalayas	Ornamental
25.	<i>Lithocarpus kamengii</i> Sahni et Naithanii	Fagaceae	Tree	Arunachal Pradesh	Timber
26.	<i>Oberonia sulcata</i> Joseph et Chowdhury	Orchidaceae	Herb	Arunachal Pradesh	Ornamental

27.	<i>Panax sikkimensis</i> Ban.	Araliaceae	Herb	Sikkim Himalayas	Medicinal
28.	<i>Piper clavilimum</i> C.DC.	Piperaceae	Climbing shrub	Sikkim	Wild Relative
29.	<i>Piper filipedunculatum</i> C.DC.	Piperaceae	Climbing shrub	Sikkim	Wild Relative
30.	<i>Piper isopleurum</i> C.DC.	Piperaceae	Climbing shrub	Sikkim	Wild Relative
31.	<i>Piper laxivenum</i> C.DC.	Piperaceae	Climbing shrub	Sikkim	Wild Relative
32.	<i>Piper mungpooanum</i> C.DC.	Piperaceae	Twiner	Sikkim Himalayas	Medicinal
33.	<i>Piper sikkimense</i> C.DC.	Piperaceae	Climbing shrub	Sikkim Himalayas	Wild relative
34.	<i>Pholidata convallariae</i> var. <i>brevicapsa</i> Deori & Joseph	Orchidaceae	Herb	Arunachal Pradesh	Ornamental
35.	<i>Podophyllum emodii</i> Wall. ex Honigb. var. <i>axillaris</i> Chatterjee et Mukerjee	Podophyllaceae	Herb	Sikkim Himalaya	Medicinal
36.	<i>Rhododendron concinnoides</i> Hutch. & Kingdon Ward	Ericaceae	Shrub	Arunachal Pradesh	Multipurpose

37.	<i>Rhododendron falconeri</i> Hook. subsp. <i>exiimium</i> (Nuttal) Chamber.	Ericaceae	Tree	Arunachal Pradesh	Multipurpose
38.	<i>Rhododendron santapau</i> Sastry	Ericaceae	Epiphytic shrub	Arunachal Pradesh	Multipurpose
39.	<i>Rhododendron subansirensis</i> Chamber	Ericaceae	Large shrub	Arunachal Pradesh	Multipurpose
40.	<i>Rubus niveus</i> Thunb. var. <i>micranthus</i> (D. Don) Hara	Rosaceae	Shrub	Sikkim Himalayas	Medicinal
41.	<i>Rubus senchalensis</i> Hara	Rosaceae	Scrambling	Sikkim Himalayas	Medicinal
42.	<i>Salix pseudocalyculata</i> Kimura	Salicaceae	Small tree	Sikkim Himalayas	Horticultural value
43.	<i>Salix oreophillia</i> Andersson	Salicaceae	Shrub	Sikkim Himalayas	Horticultural
44.	<i>Salix stomatophora</i> Floderus	Salicaceae	Small tree	Sikkim Himalayas	Horticultural
45.	<i>Saussurea gossypiphora</i> D.Don var. <i>liliputa</i> Lipschitz	Asteraceae	Herb	Sikkim Himalayas	Medicinal
46.	<i>Saussurea pantlingiana</i> W.W.Smith	Asteraceae	Herb	Sikkim Himalayas	Medicinal

47.	<i>Wallichia triandra</i> (Joseph) S.K.Basu	Arecaceae	Bushy plant	Arunachal Pradesh	Multipurpose
48.	<i>Xanthophyllum burkillii</i> J.R.Drumm. et Dunn	Xanthophyllaceae	Tree	Arunachal Pradesh	Wood
49.	<i>Zanthoxylum burkillianum</i> Babu	Rutaceae	Tree	Arunachal Pradesh	Medicinal
50.	<i>Zanthoxylum pseudoxyphyllum</i> Babu	Rutaceae	Tree	Arunachal Pradesh	Medicinal
51.	<i>Zeuxine lindleyana</i> A.R.Rao	Orchidaceae	Herb	Arunachal Pradesh	Orchid
<b>IV. Brahmaputra Valley Agrobiodiversity Region:</b>					
1.	<i>Acacia diadenia</i> Parker	Fabaceae	Tree	Assam	Wood for furniture
2.	<i>Bambusa cacharensis</i> R.Majumdar	Poaceae	Tree	Assam	Multipurpose bamboo
3.	<i>Camellia sinensis</i> (L.) O.Kuntze var. <i>assamica</i> (Masters) Kitamura	Theaceae	Shrub	Assam	Wild relative
4.	<i>Cinnamomum cacharensis</i> Parker	Lauraceae	Tree	Assam	Yielding spice; wild relative.
5.	<i>Citrus assamensis</i> Dutta & Bhattacharya	Rutaceae	Shrub	Assam	Wild relative

6.	<i>Cymbopogon jwarancusa</i> (Jones) Schult. var. <i>assamensis</i> B.K.Gupta	Poaceae	Herb	Assam	Essential oil
7.	<i>Dendrobium aurantiacum</i> Reichb. f.	Orchidaceae	Herb	Assam	Ornamental
8.	<i>Dendrocalamus patellaris</i> Gamble	Poaceae	Tall culm	Assam	Multipurpose, bamboo
9.	<i>Dioscorea pentaphylla</i> L. var. Kussok	Dioscoriaceae	Tuberous climber	Assam	Tuber edible
10.	<i>Dipterocarpus mannii</i> King ex Kanjilal et. al	Dipterocarpaceae	Tall tree	Assam	45-50 m. Tall
11.	<i>Eulophia kamarupa</i> Chowdhery	Orchidaceae	Herb	Assam	Ornamental, medicinal
12.	<i>Euonymus assamicus</i> Blakelock	Celastraceae	Small tree	Assam	Medicinal, wood
13.	<i>Gigantochloa macrostachya</i> Kurz	Poaceae	Tall culms	Assam	House-construction
14.	<i>Glycosmis singuliflora</i> Kurz	Rutaceae	Small tree	Assam	Medicinal
15.	<i>Heriteria dubia</i> Wallich ex Kurz	Sterculiaceae	Tree	Assam	Ornamental tree
16.	<i>Ixora goalparensis</i> Bremek.	Rubiaceae	Shrub	Assam	Ornamental, medicinal

17.	<i>Magnolia caveana</i> (Hook.f. et Thomson) Raju et Nayar	Magnoliaceae	Tree	Assam	Ornamental
18.	<i>Magnolia gustavii</i> King	Magnoliaceae	Tree	Assam	Ornamental
19.	<i>Michelia mannii</i> King	Magnoliaceae	Tree	Assam.	Ornamental
20.	<i>Musa assamica</i> Baker	Musaceae	Perennial herb	Assam	Wild relative
21.	<i>Musa velutina</i> Wendl et Drude	Musaceae	Perennial herb	Assam	Wild relative
22.	<i>Ormosia assamica</i> Yakovlev.	Fabaceae	Tree	Assam	Ornamental tree
23.	<i>Pandanus assamensis</i> St. John	Pandanaceae	Tree	Assam	Fibre
24.	<i>Phyllostachys assamica</i> Brandis	Poaceae	Shrub	Assam	Walking sticks
25.	<i>Piper griffithii</i> C. DC.	Piperaceae	Climber	Assam	Wild relative
26.	<i>Piper jenkinsii</i> C.DC.	Piperaceae	Climber	Assam	Wild relative
27.	<i>Saccharum wardii</i> (Bor) Bor	Poaceae	Tall Herb	Assam	Wild relative
<b>V. Khasia-Jaintia-Garo Agrobiodiversity Region:</b>					
1.	<i>Bambusa pseudopallida</i> R.Majumdar	Bambusoideae	Tall Shrub	Khasia-Jaintia	Ornamental
2.	<i>Baliospermum micranthum</i> Muell.-Arg.	Euphorbiaceae	Small tree	Khasi-Jaintia hills	Medicinal



3.	<i>Bupleurum khasianum</i> (Cl.) P.K.Mukh.	Apiaceae	Herb	Khasia-Jaintia hills	Medicine
4.	<i>Chrysanthemum coronopifolium</i> Vill.	Asteraceae	Herb	Khasia-Jaintia hills	Ornamental
5.	<i>Cinnamomum pedunculatum</i> Nees var. <i>angustifolium</i> Hemsl.	Lauraceae	Tree		Spice
6.	<i>Coix lacryma-jobii</i> L. var. <i>mayuen</i> (Romaner) Stapf ex Hook.f.	Poaceae	Herb	Garo Khsia hills	Wild relative & Forage
7.	<i>Corybas purpureus</i> Joseph et Yog.	Orchidaceae	Tiny herb	Khasia hills	Pinkish white flowers
8.	<i>Dalbergia millettii</i> Benth. var. <i>oldamii</i> Thoth.	Fabaceae	Tree	Khasia-Jaintia hills	
9.	<i>Dalbergia rimosa</i> Roxb. var. <i>griffithii</i> Thoth.	Fabaceae	Tree	Khasia -Jaintia hills	
10.	<i>Dalbergia volubilis</i> Roxb. var. <i>assamica</i> Thoth.	Fabaceae	Tree	Meghalaya	Wood
11.	<i>Eriobotrya angustissima</i> Hook.f.	Rosaceae	Shrub	Khasia-Jaintia hills	Fruit
12.	<i>Euonymus lawsonii</i> Cl. et Pr.	Celastraceae	Small tree	Garo Khasia Jaintia hills	Medicinal, wood
13.	<i>Goodyera recurva</i> Lindl.	Orchidaceae	Epiphyte	Khasia hills	Orchid

14.	<i>Hedychium aurantiacum</i> Wall.	Zingiberaceae	Shrub	Khasia-Jaintia hills	Ornamental
15.	<i>Hedychium ellipticum</i> Smith var. <i>asraoii</i> Srivastava et Jain	Zingiberaceae	Shrub	Khasia-Jaintia hills	Ornamental
16.	<i>Hedychium urophyllum</i> Lodd.	Zingiberaceae	Shrub	Khasia-Jaintia hills	Ornamental
17.	<i>Ilex embelioides</i> (Roxb.) Prain	Aquifoliaceae	Small tree	Khasi-Jaintia hills	Ornamental
18.	<i>Impatiens depauperta</i> Hook.f.	Balasaminaceae	Herb	Khasia- Jaintia hills	Ornamental
19.	<i>Impatiens khasiana</i> Hook.f.	Balasaminaceae	Herb	Khasia- Jaintia hills	Ornamental
20.	<i>Impatiens striolata</i> Hook.f.	Balasaminaceae	Herb	Khasia - Jaintia Khasia-	Ornamental
21.	<i>Indigofera bracteata</i> Grah. ex Baker var. <i>Khasiana</i> Sanj.	Fabaceae	Herb	Jaintia hills	Dyes and fodder
22.	<i>Jasminum adnophyllum</i> Wall. ex DC.	Oleaceae	Shrub	Khasia-Jaintia hills	Ornamental
23.	<i>Jeosephia pusilla</i> (Joseph et Deka) A.S.Rao et Mani.	Orchidaceae	Herb	Khasia -Jaintia hills	Orchid

24.	<i>Liparis assamica</i> King et Pantl.	Orchidaceae	Herb	Khasia - Jaintia hills	Ornamental
25.	<i>Mahonia simonsii</i> Takeda	Berberidaceae	Shrub	Khasia hills	Roots with alkaloid
26.	<i>Micromeles meghalayensis</i> Pangrahi	Rosaceae	Tree	Khasia-Jaintia hills	Wild relative
27.	<i>Micromeles polycarpa</i> (Hook.f.) Panigrahi	Rosaceae	Tree	Khasi-Jaintia hills	Wild relative
28.	<i>Pennilabium proboscideum</i> A.S.Rao et Joseph	Orchidaceae	Herb	Khasia-Jaintia hills	Ornamental
29.	<i>Peristrophe acuminata</i> (Wall. et Nees) var. <i>khasiana</i> Cl.	Acanthaceae	Herb	Khasia hills	Medicine
30.	<i>Phlogacanthus wallichii</i> Cl.	Acanthaceae	Shrub	Khasia hills	Ornamental
31.	<i>Polyalthia meghalayensis</i> Prakash et Mehrotra	Annonaceae	Shrub	Khsia hills	Wild relative
32.	<i>Pyrenaria khasiana</i> R.N.Paul	Theaceae	Shrub	Khasia- Jaintia hills	Wild relative
33.	<i>Selenium straiatum</i> (DC.) C.B.Clarke	Apiaceae	Herb	Khasia hills	Indicator species
34.	<i>Sterculia khasiana</i> Debberman	Sterculiaceae	Shrub	Khasia -Jaintia hills	Medicinal/ multipurpose

35.	<i>Thrixspernum muscaeflorum</i> A.S.Rao et Joseph	Orchidaceae	Epiphyte	Khasia-Jaintia hills	Ornamental
36.	<i>Trichosanthes majuscula</i> (Cl.) Kundu	Cucurbitaceae	Scandent shrub	Khasia-Jaintia hills	Wild relative
37.	<i>Viburnum simonsii</i> Hook.f. et Thoms.	Sambucaceae	Small tree	Khasia-Jaintia hills	With red drupes
<b>VI. North-Eastern Hills Agrobiodiversity Region:</b>					
1.	<i>Agrostis wardii</i> Bor	Poaceae	Herb	Naga Manipur Lushai hills	Fodder
2.	<i>Albizia kalkora</i> (Roxb.) Prain	Mimosaceae	Tree	Nagaland & Jaintia hills.	Wild relative
3.	<i>Areca nagensis</i> Griff.	Arecaceae	Tree	Nagaland	Solitary plant at Indian Botanic Garden, Masticatory
4.	<i>Berberis feddii</i> Ahrendt	Berberidaceae	Shrub	Manipur hills	Golden yellow flower, Medicinal
5.	<i>Berberis micropetala</i> Schneider	Berberidaceae	Shrub	Naga hills	White flower, Medicinal
6.	<i>Berberis sublevis</i> W. Smith. var. <i>sublevis</i>	Berberidaceae	Shrub	Manipur hills	Medicinal

7.	<i>Berberis wardii</i> Schneider	Berberidaceae	Shrub	Naga hills	Medicinal
8.	<i>Capparis cinerea</i> Jacobs	Capparidaceae	Shrub	Manipur	Fruit
9.	<i>Carex asraoi</i> D.M.Verma	Cyperaceae	Herb	Nagaland	Forage
10.	<i>Cotoneaster nagensis</i> Klotz.	Rosaceae	Shrub	Naga hills	Wood for basket
11.	<i>Crotalaria meeboldii</i> Dunn	Fabaceae	Undershrub	Naga hills	Fodder
12.	<i>Dalbergia wattii</i> C.B.Clarke	Fabaceae	Tree	Manipur	Wood use for fuel
13.	<i>Derris lushaiensis</i> Thoth.	Fabaceae	Shrub	Mizoram	Fodder
14.	<i>Hedychium gratum</i> Wall. ex Baker	Zingiberaceae	Shrub	Patkoi, Naga hills	Ornamental
15.	<i>Hedychium venustum</i> Wt.	Zingiberaceae	Shrub	Naga hills	Ornamental
16.	<i>Impatiens cuspidifera</i> Hook.f.	Balsaminaceae	Herb	Nagaland	Ornamental
17.	<i>Lilium mackinliae</i> Sealy	Liliaceae	Bulbous herb	Manipur	Pinkish white flowers, “Shirhoy Lily”, leaves used in skin disease
18.	<i>Mahonia feddii</i> Ahrendt	Berberidaceae	Shrub	Manipur hills	Golden yellow flowers

19.	<i>Mahonia magnifica</i> Ahrendt	Berberidaceae	Small tree	Manipur hills	With yellow flowers
20.	<i>Mahonia roxburghii</i> (DC.) Takeda	Berberidaceae	Shrub	Manipur hills	
21.	<i>Piper aurorubrum</i> C.DC.	Piperaceae	Climbing shrub	Manipur	As uterine stimulant
22.	<i>Piper makruense</i> C.DC.	Piperaceae	Climber	Manipur	Medicinal
23.	<i>Piper meeboldii</i> C.DC.	Piperaceae	Climber	Manipur	Medicinal
24.	<i>Piper muneyporensis</i> C.DC.	Piperaceae	Climber	Manipur	Medicinal
25.	<i>Rhododendron elliottii</i> Watt. ex Brandis	Ericaceae	Small tree	Naga and Manipur hills	Multipurpose
26.	<i>Rhododendron johnstoneanum</i> Watt ex Hutch.	Ericaceae	Shrub	Manipur and Lushai hills	Multipurpose
27.	<i>Rhododendron macabeanum</i> Watt. ex Balf.f.	Ericaceae	Tree	Manipur and Naga hills	Multipurpose
28.	<i>Rhododendron triflorum</i> Hook.f. var. <i>bauhiniflorum</i> (Watt ex Hutch.) Cullen	Ericaceae	Shrub	Manipur	Multipurpose
29.	<i>Rhododendron wattii</i> Cowan	Ericaceae	Shrub or small tree	Manipur; 2700-3000m Naga hills	Multipurpose

30.	<i>Rhynchosia meeboldii</i> Satayn. et Thoth.	Fabaceae	Herb	Nagaland	Fodder
31.	<i>Saussurea nagensis</i> C.E.C.Fischer	Asteraceae	Herb	Naga hills	Medicinal
32.	<i>Trichosanthes tomentosa</i> Chakravarty	Cucurbitaceae	Scandent	N.E. hills	Wild relative
<b>VII. Arid Western Agrobiodiversity Region:</b>					
1.	<i>Abutilon bidentatum</i> Hochst. ex A.Rich. var. <i>major</i> (Blatt. & Hallberg) Bhandari	Malvaceae	Under shrub	Western Rajasthan	Medicinal
2.	<i>Abutilon fruticosum</i> Guill. et Perr. var. <i>chrysoarpa</i> Blatt. et Hallb.	Malvaceae	Under shrub	Western Rajasthan	Medicinal
3.	<i>Alysicarpus monilifer</i> (L.) DC. var. <i>venosa</i> Blatt. et Hallb.	Fabaceae	Perennial herb	Western Rajasthan	Vegetable
4.	<i>Barleria prionitis</i> L. subsp. <i>dicantha</i> Blatt. et Hallb.	Acanthaceae	Thorny Unders- hrub	Western Rajasthan, & Alwar, Tonk	Medicinal
5.	<i>Cenchrus rajasthanensis</i> Kanodia et Nanda	Poaceae	Caespitose annual or biennial	Western Rajasthan	Forage, wild relative
6.	<i>Ceropegia odorata</i> Nimmo ex Hook. f.	Asclepiadaceae	Twiner	Western Rajasthan	Medicinal, ceropegine

7.	<i>Citrullus colocynthis</i> Schrad.	Cucurbitaceae	Climber	Western Rajasthan	Wild relative on sand dunes
8.	<i>Cleome gynandra</i> L. var. <i>nana</i> (Blatt. et Hallb.) Bhandari	Cruciferae	Dwarf annual herb	Western Rajasthan.	Medicinal
9.	<i>Commiphora wightii</i> (Arn.) Bhandari	Burseraceae	Shrub	Western Rajasthan	Gum and resin, medicine
10.	<i>Cucumis prophetrum</i> L.	Cucurbitaceae	Climber	Western Rajasthan	Wild relative, on hillocks
11.	<i>Ipomoea cairica</i> (L.) Sweet var. <i>semineglabra</i> (Blatt. et Hallb.) Bhandari	Convolvulaceae	Perennial twiner with tuberous root-stock	Western Rajasthan	Food
12.	<i>Pavonia arabica</i> Hochst. et Steud. var. <i>glutinosa</i> Blatt. et Hallb.	Malvaceae	Under shrub	Western Rajasthan	Medicinal, fruit & flower
13.	<i>Pavonia arabica</i> Hochst. et Steud. var. <i>massuriensis</i> Bhandari	Malvaceae	Under shrub	Western Rajasthan	Medicinal, fruit & flower
14.	<i>Salvadora persica</i> L.	Salvadoraceae	Tree	Western Rajasthan	Medicinal, fruit eaten
15.	<i>Tecomella undulata</i> (Sm.) Seem.	Bignoniaceae	Tree	West. Rajasthan	Timber wood
16.	<i>Withania coagulans</i> (Stocks) Dunal	Solanaceae	Under shrub	Western Rajasthan	Relative of <i>W. somnifera</i>



17.	<i>Ziziphus truncata</i> Blatt. et Hallb.	Rhamnaceae	Small shrub	Jaisalmer, Jodhpur	Fruit
18.	<i>Ziziphus williamii</i> Bhandari et Bhansali	Rhamnaceae	Small shrub	Western Rajasthan	Wild relative
<b>VIII. Malwa Plateau and Central Highlands Agrobiodiversity Region:</b>					
1.	<i>Albizia kalkora</i> (Roxb.) Prain	Mimosaceae	Tree	Hills.	Wild relative
2.	<i>Andropogon pumilus</i> Roxb.	Poaceae	Herb	Plains	Forage
3.	<i>Dichanthium tuberculatum</i> T.A.Cope	Poaceae	Herb	Plains	Forage
4.	<i>Indigofera glandulosa</i> Wendl. var. <i>sykesii</i> Griff. ex Baker	Fabaceae	Herb	Plains	Dyes & Fodder
5.	<i>Iseilema hubbardii</i> Uppuluri	Poaceae	Herb	Plains	Forage
6.	<i>Sorghum deccanense</i> Bor	Poaceae	Herb	Plains	Wild relative
<b>IX. Kathiawar Agrobiodiversity Region:</b>					
1.	<i>Ceropegia odorata</i> Nimmo ex Hook.f.	Asclepiadaceae	Twiner	Areas adjacent to Rajasthan	Medicinal, ceropegine
2.	<i>Clitoria ternatea</i> L. var. <i>pilosula</i> Wall. ex Baker	Fabaceae	Twiner	Kathiawar	Food
3.	<i>Cyperus dwarkensis</i> Sahni et Naithanii	Cyperaceae	Herb	Dwarka, Kaithiawar	Forage

4.	<i>Dipcadi ursulae</i> Blatter var. <i>longiracemosa</i> Deb et Dasgupta	Liliaceae	Herb	Gujarat and Deccan Gujarat	Medicinal
5.	<i>Helichrysum cutchicum</i> (C.B.Clarke) R.S.Rao et Desh.	Asteraceae	Herb	Khachchh	Ornamental
6.	<i>Indigofera coerulea</i> Roxb. var. <i>monosperma</i> (Sant.) Sant.	Fabaceae	Herb	Kathiawar	Dye
7.	<i>Solanum purpureilineatum</i> Sabnis et Bhatt.	Solanaceae	Shrub	Kathiawar	Medicinal
8.	<i>Tamarix cutchensis</i> Shetty et Pandey	Tamaricaceae	Unders- hrub	Kutch	Fodder
9.	<i>Tephrosia jamnagarensis</i> Sant.	Fabaceae	Herb	Kathiawar	Green manuring
10.	<i>Viola cinerea</i> Boiss. var. <i>stocksii</i> (Boiss) W.Becker forma <i>kathiwarensis</i>	Violaceae	Herb	Kathiawar	Medicinal
11.	<i>Ziziphus williamii</i> Bhandari & Bhansali	Rhamnaceae	Shrub	Kathiawar	Fruit
<b>X. Bundelkhand Agrobiodiversity Region:</b>					
	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

<b>XI. Upper Gangetic Plains Agrobiodiversity Region ::</b>					
1.	<i>Derris scandens</i> (Roxb.) Benth.var. <i>saharanpurensis</i> (Thoth.) Thoth.	Fabaceae	Shrub	Northern plains	Fibre, fish poison
2.	<i>Indigofera gangetica</i> Sanj.	Fabaceae	Shrub	Northern plains	Manure, fodder
3.	<i>Indiofera thothathri</i> Sanj.	Fabaceae	Herb	Gangetic plains	Forage
4.	<i>Indopiptadenia oudhensis</i> (Brandis) Brenan	Fabaceae	Herb	Northern plains	Cattle fodder
<b>XII. Lower Gangetic Plains Agrobiodiversity Region:</b>					
1.	<i>Albizia thompsonii</i> Brandis var. <i>galbana</i> Haines	Fabaceae	Tree	Hills	Wild relative
2.	<i>Carum villosum</i> Haines	Apiaceae	Herb	Plains	Wild relative
3.	<i>Chrysopogon hamiltonii</i> Haines	Poaceae	Herb	Tarai area	Forage
4.	<i>Dendrocalamus strictus</i> Nees var. <i>sericeus</i> Gamble	Poaceae	Tall shrub	Foot hills	Multipurpose
5.	<i>Dimeria ornithipoda</i> Trin. var. <i>gracililima</i> Bor	Poaceae	Herb	Foot hills	Forage
6.	<i>Iseilema holei</i> Haines	Poaceae	Herb	Plains	Wild relative

7.	<i>Leucas helicterifolia</i> Haines	Labiatae	Herb	Plains	Medicinal, weedy
8.	<i>Lophopogon kingii</i> Hook.f.	Poaceae	Herb	Plains	Forage
9.	<i>Sophora bakeri</i> C.B.Clarke ex Prain	Fabaceae	Herb	Plains	Forage
<b>XIII. Gangetic Delta Agrobiodiversity Region:</b>					
	Nil	Nil	Nil	Nil	Nil
<b>XIV. Chotanagpur Agrobiodiversity Region:</b>					
1.	<i>Acacia donaldii</i> Haines	Fabaceae	Northern E. Ghats	Agroforestry	
2.	<i>Albizia orissensis</i> Sahni et Bennet	Fabaceae	Northern E. Ghats	Less known sp.	
3.	<i>Cajanus cajanifolius</i> (Haines) van der Maesen	Fabaceae	Shrub	Wide in North Eastern Ghats	Green manuring
4.	<i>Erythrina resupinata</i> Roxb.	Fabaceae	Tree	N.Eastern Ghats	Green manuring
5.	<i>Pycnocycla glauca</i> Lindl.	Apiaceae	Herb	Northern E. Ghats	Roots used for dysentery
6.	<i>Zingiber purpureum</i> Roxb. var. <i>palamauensis</i> (Haines) K.K.Khanna	Zingiberaceae	Herb	Palamau in Jharkhand	Wild relative

<b>XV. Bastar Agrobiodiversity Region:</b>					
1.	<i>Acacia donaldii</i> Haines	Fabaceae	Scrambling Tree	Northern E. Ghats	Agroforestry
2.	<i>Albizia orissensis</i> Sahni et Bennet	Fabaceae	Tree	Northern E. Ghats	Insufficiently known
3.	<i>Cajanus cajanifolius</i> (Haines) van der Maesen	Fabaceae	Shrub	Northern E. Ghats	Green manuring
4.	<i>Oryza nivara</i> S.D. Sharma et Shastry	Poaceae	Herb	Northern E. Ghats	Wild relative
5.	<i>Tephrosia roxburghiana</i> Drumm. ex Gamble	Fabaceae	Under shrub	Northern E. Ghats	Cover crop
<b>XVI. Koraput Agrobiodiversity Region:</b>					
1	<i>Acacia donaldii</i> Haines	Fabaceae	Scrambling Tree	Northern E. Ghats	Agroforestry
2.	<i>Aglaia haslettiana</i> Haines	Meliaceae	Tree	Northern E. Ghats	Medicinal
3.	<i>Albizia orissensis</i> Sahni et Bennet	Fabaceae	Tree	Northern E. Ghats	Insufficiently known
4.	<i>Albizia thomsonii</i> Brandis	Fabaceae	Scrambling tree	Northern E. Ghats	Fodder

5.	<i>Bupleurum andhricum</i> Nayar et Banerji	Apiaceae	Herb	Ganjam	Medicinal
6.	<i>Cajanus cajanifolius</i> (Haines) van der Maesen	Fabaceae	Shrub	Northern E. Ghats	Green manuring
7.	<i>Dimeria orissae</i> Bor	Poaceae	Herb	Koraput Vishakha-patnam	Forage
8.	<i>Oryza jeyporensis</i> Govindaswami et Krishnamurthy	Poaceae	Herb	Koraput	Wild relative
9.	<i>Oryza nivara</i> S.D. Sharma et Shastry	Poaceae	Herb	Koraput	Wild relative
10.	<i>Phyllanthus narayanaswamii</i> Gamble	Euphorbiaceae	Under shrub	N.E.Ghats	Wild relative
11.	<i>Phlebophyllum jeyporensis</i> (Bedd.) Bremek.	Acanthaceae	Shrub	Koraput	Ornamental
<b>XVII. Southern Eastern Ghats Agrobiodiversity Region:</b>					
1.	<i>Albizia sikharamensis</i> Sahni et Bennet	Fabaceae	Tree	S.E.Ghats	Fodder
2.	<i>Andrographis nallamalayana</i> Ellis	Acanthaceae	Herb	Southern E. Ghats	Medicine
3.	<i>Boswellia ovalifoliolata</i> Balakr. et Henry	Burseraceae	Tree	Southern E. Ghats	Wood & paper

4.	<i>Crotalaria madurensis</i> Wt. & Arn var. <i>kurnoolica</i> (Ellis) Swam.	Fabaceae	Shrub	Southern E. Ghats	Wild relative
5.	<i>Cycus beddomei</i> Dyer	Cycadaceae	Small tree	Southern E. Ghats	Ornamental; cosmetic
6.	<i>Decaschistia cuddaphensis</i> Paul et Nayar	Malvaceae	Shrub	S.E.Ghats	Fibre
7.	<i>Erioloena lushingtonii</i> Dunn	Tiliaceae	Tree	S.E.Ghats	Fibre
8.	<i>Hildegardia populifolia</i> (Roxb.) Schott. et Endl.	Sterculiaceae	Tree	S.E.Ghats	Wood
9.	<i>Indigofera barberi</i> Gamble	Fabaceae	Shrub	Southern E Ghats	Dyes
10.	<i>Indigofera mysorensis</i> Rottler	Fabaceae	Herb	Southern E.Ghats	Dyes
11.	<i>Luffa acutangula</i> (L.) Roxb.var. <i>amara</i> Cl.	Cucurbitaceae	Climber	Southern E. Ghats	Wild relative of Luffa
12.	<i>Oryza officinalis</i> Wall. ex Watt. Subsp. <i>malampuzhaensis</i> (Krish.) Tateoka	Poaceae	Herb	S.E.Ghats	Wild relative
13.	<i>Parahyperhenia bellariensis</i> W.D.Clayton	Poaceae	Herb	S.E.Ghats	Fodder

14.	<i>Pterocarpus santalinus</i> L. f.	Fabaceae	Tree	Southern E.Ghats	Wood used for building and musical instruments
15.	<i>Shorea tumbuggaia</i> Roxb.	Dipterocarpaceae	Tree	Southern E.Ghats	Timber
<b>XVIII. Kaveri Agrobiodiversity Region:</b>					
1.	<i>Acrachne henrardiana</i> S.M.Phillips	Poaceae	Herb	Tamil Nadu	Forage
2.	<i>Albizia lathamii</i> Hole	Fabaceae	Tree	Ramanad, Tamilnadu	Fodder
3.	<i>Chloris bournei</i> Rang. et Tad.	Poaceae	Herb	Leeward Deccan	Forage
4.	<i>Crotalaria madurensis</i> Wt. et Arn.	Fabaceae	Herb	Southern E.Ghats	Wild relative
5.	<i>Dalbergia coromandeliana</i> Prain	Fabaceae	Shrub	Coromandel coast	Wood
6.	<i>Dichrostachys santapaui</i> Sebastine et Ramam.	Fabaceae	Tree	Coromandel	Fodder
7.	<i>Eragrostis rottleri</i> Stapf apud Hook. f.	Poaceae	Herb	Coromandel	Forage
8.	<i>Hildegardia populifolia</i> (Roxb.) Schott. et Endl.	Sterculiaceae	Tree	Coromandel	Wood.



9.	<i>Jatropha villosa</i> Wt. var. <i>ramadensis</i> Ramam.	Euphorbiaceae	Shrub	Carnatic coast	Wild relative, biofuel
10.	<i>Sorghum stapfii</i> (Hook.f.) C.E.C.Fisch.	Poaceae	Herb	Thirunelveli	Wild relative
11.	<i>Vernonia shevaroyensis</i> Gamble	Asteraceae	Tree	Salem, Yercaud	Ornamental
<b>XIX. Deccan Agrobiodiversity Region:</b> Maharashtra and parts of north-west Andhra Pradesh					
1.	<i>Alysicarpus luteovexillatus</i> Naik et Pokle	Fabaceae	Herb	Leeward Deccan	Forage
2.	<i>Cassia montana</i> Heyne ex Roxb.	Caesalpiniaceae	Shrub	Dry areas of Deccan	Agroforestry
3.	<i>Chloris bournei</i> Rang. et Tad.	Poaceae	Herb	Deccan Plateau	Forage
4.	<i>Crotalaria decasperma</i> Naik	Fabaceae	Herb	Leeward Deccan	Forage
5.	<i>Crotalaria rigida</i> Heyne ex Roth	Fabaceae	Shrub	Dry areas of Deccan	Wild relative
6.	<i>Crotalaria sandoorensis</i> Bedd. ex Gamble	Fabaceae	Undershrub	Leeward Deccan	Forage
7.	<i>Digitaria tomentosa</i> (Koenig) Henr.	Poaceae	Herb	Bijapur in Deccan	Forage

8.	<i>Eragrostis deccanensis</i> Bor	Poaceae	Herb	Deccan	Fodder
9.	<i>Indigofera deccanesis</i> Sanj.	Fabaceae	Shrub	Northern Deccan	Green manure
10.	<i>Indigofera glandulosa</i> Wendl. var. <i>sykesii</i> Griff. ex Baker	Fabaceae	Herb	Northern Deccan	Forage, seeds has three times protein of wheat
1.	<i>Indigofera trifoliata</i> L. var. <i>duthiei</i> (Drum. ex Naik) Sanj.	Fabaceae	Herb	Leeward Deccan	Forage
12.	<i>Indigofera trita</i> L.f. var. <i>purandharensis</i> Sanj.	Fabaceae	Herb	Leeward Deccan	Forage
13.	<i>Iseilema anthephoroides</i> Hack.	Poaceae	Herb	Leeward Geccan	Forage
14.	<i>Oryza nivara</i> S.D. Sharma et Shastry	Poaceae	Herb	Deccan.	Wild relative of rice
15.	<i>Panicum deccanense</i> Naik et Patumkar	Poaceae	Herb	Leeward Deccan	Forage
16.	<i>Panicum phoinicladus</i> Naik et Patunkar	Poaceae	Herb	Leeward Deccan	Forage
17.	<i>Sophora interrupta</i> Bedd.	Fabaceae	Shrub	Leeward Deccan	Fodder

18.	<i>Vetiveria lawsonii</i> Blatt. et McC	Poaceae	Herb	Leeward Deccan	Soil binder
<b>XX. Konkan Agrobiodiversity Region:</b>					
1.	<i>Abutilon randei</i> Woodr.& Stapf	Malvaceae	Under shrub	Ratnagiri	Medicinal; Minor fiber
2.	<i>Amorphophallus konkanensis</i> Hett. et. al.	Araceae	Cormous herb	Konkan	
3.	<i>Arundinella spicata</i> Dalz.	Poaceae	Herb	Konkan	Forage
4.	<i>Carvia callosa</i> (Nees) Bremek.	Acanthaceae	Tall shrub	Konkan W. Ghats	“Source of Carvia honey”
5.	<i>Ceropegia attenuata</i> Hook.	Asclepiadaceae	Herb	Konkan	Ornamental
6.	<i>Ceropegia evansii</i> McCann	Asclepiadaceae	Herb	Konkan	Ornamental
7.	<i>Ceropegia huberi</i> Ansari	Asclepiadaceae	Herb	Konkan	Ornamental
8.	<i>Ceropegia maccanii</i> Ansari	Asclepiadaceae	Twining herb	Konkan	Ornamental
9.	<i>Chlorophytum borivilianum</i> Santapau et Fernandez	Liliaceae	Herb	Northern W. Ghats	Medicinal value of tubers
10.	<i>Coelachne minuta</i> Bor	Poaceae	Herb	Northern W.Ghats	Minor forage

11.	<i>Crinum brachynema</i> Herbert	Amaryllidaceae	B u l b o u s herb	Northern W. Ghats	Medicinal
12.	<i>Crinum elenora</i> e Blatter et McCann	Amaryllidaceae	Herb	Northern W. Ghats	Medicinal
13.	<i>Crinum woodrowii</i> Baker	Amaryllidaceae	Herb	Northern W. Ghats	Medicinal
14.	<i>Cucumis ritchei</i> (Chakr.) Jeffrey	Cucurbitaceae	Scandent herb	N.W.Ghats	Wild relative
15.	<i>Cucumis setosa</i> Cogn.	Cucurbitaceae	Scandent	Northern W.Ghats	Wild relative
16.	<i>Curcuma purpurea</i> Blatter	Zingiberaceae	Rehizo- matous herb	Konkan	Spice
17.	<i>Dalbergia horrida</i> (Denst.) Mabberly var. <i>concanensis</i> Thoth.	Fabaceae	Tree	Konkan	Fodder, roots medicinal
18.	<i>Delphinium malabaricum</i> (Huath.) Mung, var. <i>ghaticum</i> Billore	Ranunculaceae	Perennial herb	Northan W. Ghats	Ornamental
19.	<i>Dendrobium lawianum</i> Lindl.	Orchidaceae	Herb	Konkan	Ornamental
20.	<i>Dendrobium ovatum</i> (Willd.) Kranzl.	Orchidaceae	Herb	Konkan	Ornamental

21.	<i>Dichanthium maccannii</i> Blatt.	Poaceae	Herb	Panchgani Plateau, Satara dist.; northern W. Ghats	Forage
22.	<i>Dichanthium panchganiense</i> Blatter	Poaceae	Herb	Konkan	Forage
23.	<i>Dichanthium paranjpyeanum</i> (Bhide) Clayton	Poaceae	Herb	N. Western Ghats	Forage
24.	<i>Garcinia indica</i> (Dupetit-Thours) Choisy	Clusiaceae	Tree	Northern W Ghats	“Kokum butter”, edible fruit
25.	<i>Glyphochloa goensis</i> (Rao et Hemadri) Clayton	Poaceae	Herb	Goa	Forage
26.	<i>Glyphochloa ratnagirica</i> (Kulk. et Hemadri) Clayton	Poaceae	Herb	Konkan	Forage
27.	<i>Habenaria gibsonii</i> var <i>gibsonii</i>	Orchidaceae	Herb	Konkan	Ornamental
28.	<i>Habenaria panchganiensis</i> Santapu et Kapadia	Orchidaceae	Herb	Northern W Ghats	Ornamental
29.	<i>Indopoa paupercula</i> (Stapf) Bor	Poaceae	Herb	Konkan	Forage
30.	<i>Iphigenia stellata</i> Blatter	Liliaceae	Herb	Northern W. Ghats	Alkaloid Colchicine
31.	<i>Lavandula lawii</i> Wight	Lamiaceae	Undershrub	Konkan	Aromatic plant

32.	<i>Nilgirianthus reticulates</i> (Stapf) Bremek.	Acanthaceae	Shrub	Northern W Ghats	Fruit with essential oil
33.	<i>Syzygium utilis</i> (Talbot) Rathakr. et Nair	Myrtaceae	Tree	Konkan	Fruit
34.	<i>Strychnos dalzellii</i> Clarke var. <i>dalzellii</i>	Strychnaceae	Climber	Konkan	Medicinal
35.	<i>Triplopogon ramosissimus</i> (Hack.) Bor	Poaceae	Herb	Konkan and Leeward Deccan	Forage
36.	<i>Vigna khandalensis</i> (Sant.) Raghavan et Wadhwa	Fabaceae	Herb	Northern W. Ghats	Pulse, Seeds eaten in time of scarcity
37.	<i>Vigna trilobata</i> (L.) Verd. var. <i>pusilla</i> Naik & Pokle	Fabaceae	Herb	Northern W. Ghats	Green fodder
38.	<i>Vigna vexillata</i> (L.) A.Rich. var. <i>sepiaria</i> (Dalz.) Babu & Sharma	Fabaceae	Herb	W Ghats	Fusiform tuber eaten
39.	<i>Zingiber cernuum</i> Dalz.	Zingiberaceae	Herb	Konkan	Spice
<b>XXI. Malabar Agrobiodiversity Region:</b>					
1.	<i>Agrostis peninsularis</i> Hook.f.	Poaceae	Herb	Nilgiris	Forage
2.	<i>Agrostis schmidii</i> (Hook.f.) C.E.C Fischer	Poaceae	Herb	Nilgiris	Forage
3.	<i>Ammomum muricatum</i> Bedd.	Zingiberaceae	Rhizmatous herb	Anamalai	Spice

4.	<i>Amorphophalus bonaccordensis</i> Yadav <i>et al.</i>	Araceae	Herb	Agasthyamalai hills	Food
5.	<i>Amorphophalus commutatus</i> (Schott) Engl.	Araceae	Herb	Southern W. Ghats	Wild relative, Food
6.	<i>Amorphophalus smithsonianus</i> Sivadasan	Araceae	Herb	Agasthyamalai hills	Food
7.	<i>Aralia malabarica</i> Bedd.	Araliaceae	Small tree	Southern W.Ghats	Ornamental
8.	<i>Arenga wightii</i> Griff.	Arecaceae	Tree	Malabar region	Fermented drink
9.	<i>Artocarpus hirsutus</i> Lamk.	Moraceae	Tall tree	Malabar region	Carpentry wood
10.	<i>Arundinaria densiflora</i> Munro	Poaceae	Gregarious bamboo	Anamudi hills	Multipurpose
11.	<i>Baccaurea courtallensis</i> (Wt.) Muell.-Arg.	Euphorbiaceae	Tree	Southern W.Ghats	Fruit
12.	<i>Calophyllum apetalum</i> Willd.	Clusiaceae	Tree	Southern W.Ghats	Calophyllum oil
13.	<i>Chorophytum malabaricum</i> Dalz.	Liliaceae	Herb	Southern W.Ghats	Medicinal
14.	<i>Cinnamomum keralense</i> Koster.	Lauraceae	Tree	Southern W.Ghats	Medicinal

15.	<i>Cinnamomum macrocarpum</i> Hook.f.	Lauraceae	Tree	Malabar region	Spice
16.	<i>Cinnamomum malabattrum</i> (Burm.f.) Berchthold et Presl.	Lauraceae	Tree	Southern W Ghats	Spice
17.	<i>Cinnamomum travancoricum</i> Gamble	Lauraceae	Small tree	Southern Kerala	10-15 m tall, Spice
18.	<i>Croton malabaricus</i> Bedd.	Euphorbiaceae	Tree	Southern W. Ghats	Medicinal
19.	<i>Curcuma kannanorensis</i> R.Ansari <i>et al.</i>	Zingiberaceae	Herb	Kannur in Kerala	Spice & wild relative
20.	<i>Curcuma kannanorensis</i> R.Ansari <i>et al.</i> var. <i>lutea</i> R.Ansari	Zingiberaceae	Herb	Kannur in Kerala	Wild relative
21.	<i>Curcuma kudagensis</i> Velay <i>et al.</i>	Zingiberaceae	Rhizome geophyte	Kerala and Kudagu	Wild Relative
21.	<i>Cymbopogon flexuosus</i> (Nees ex Steud.) Wt. var. <i>coimbatorensis</i> Gupta	Poaceae	Grass	Anamalai	Lemon grass oil
22.	<i>Cymbopogon martini</i> (Roxb.) Wats var. <i>sofia</i> Gupta	Poaceae	Grass	Southern W.Ghats	Lemon grass oil
23.	<i>Diospyros nilagirica</i> Bedd.	Ebenaceae	Tree	Southern W. Ghats	Fruit



24.	<i>Diospyros pruriens</i> Dalz.	Ebenaceae	Evergreen tree	Southern W. Ghats	Good timber, Fruit
25.	<i>Dipterocarpus indicus</i> Bedd.	Dipterocarpaceae	Evergreen tree	Southern W. Ghats	Timber, medicinal
26.	<i>Elaeocarpus munronii</i> (Wt.) Mast.	Elaeocarpaceae	Tree	Southern W Ghats	Edible fruits, Wood
27.	<i>Elaeocarpus recurvatus</i> Corner	Elaeocarpaceae	Handsome tree	Kodaikanal-Palni and Nilgiri hills and Silent valley	Wood
28.	<i>Embelia gardeneriana</i> Wt.	Myrsinaceae	Shrub	Nilgiris hills	Medicinal
29.	<i>Eragrostis unioloides</i> Steud. var. <i>tremela</i> Jacob	Poaceae	Fodder Grass	Travancore	Forage
30.	<i>Eugenia argentea</i> Bedd.	Myrtaceae	Small tree	Wyanad in southern W. Ghats	Wild Relative
31.	<i>Eugenia discifera</i> Gamble	Myrtaceae	Small tree	Southern W. Ghats	Wild Relative
32.	<i>Ficus beddomei</i> King	Moraceae	Large tree	Southern W Ghats	Wood

33.	<i>Ficus dalhousiae</i> Miq.	Moraceae	Tree	Southern W Ghats	Wood
34.	<i>Flacourtia latifolia</i> (Hook.f. et Thomson) Cooke	Flacourtiaceae	Tree	Southern W.Ghats	Fruits edible
35.	<i>Flacourtia montana</i> Graham	Flacourtiaceae	Evergreen tree	Southern W. Ghats	Fruits edible, jelly, medicinal
36.	<i>Garcinia gummigutta</i> (L.) Robson	Clusiaceae	Tree	Southern W. Ghats	Rind of fruit used as condiment
37.	<i>Garcinia travancorica</i> Bedd.	Clusiaceae	Tree	Southern W.Ghats.	Rind of fruit as condiment
38.	<i>Garcinia wightii</i> T. Anders.	Clusiaceae	Tree	Southern W Ghats	Fruit
39.	<i>Hopea glabra</i> Wt. et Arn.	Dipterocarpaceae	Tree	Southern W. Ghats	Timber
40.	<i>Hopea parviflora</i> Bedd.	Dipterocarpaceae	Evergreen tree	Southern W. Ghats	Timber
41.	<i>Indigofera trita</i> .L.var. <i>marginilata</i> (Grah. ex Wt. et Arn.) Sanj.	Fabaceae	Forage	Southern W. Ghats	Seeds nutritive tonic
42.	<i>Ixora notoniana</i> Wall. ex D.Don	Rubiaceae	Small tree	Southern W. Ghats	Ornamental

43.	<i>Jasminum malabaricum</i> Wt.	Oleaceae	Straggling shrub	Southern W. Ghats	Ornamental
44.	<i>Lilium neilgherrensis</i> Wt.	Liliaceae	Ornamental plant	Nilgiris to Travancore hills	Ornamental
45.	<i>Madhuca roxburghiana</i> .(Wt.) Dubbard	Sapotaceae	Tree	Southern W. Ghats	Wild relative
46.	<i>Mesua ferrea</i> L. var. <i>coromandeliana</i> (Wt.) Mahes.	Clusiaceae	Tree	Southern W. Ghats	Medicinal
47.	<i>Millettia rubiginosa</i> Wt. et Arn.	Fabaceae	Woody climber	Southern W.Ghats	Ornamental, Wood
48.	<i>Millettia splendens</i> Wt. et Arn.	Fabaceae	Woody climber	Southern W.Ghats	Ornamental, Wood
49.	<i>Mucuna pruriens</i> (L) DC. var. <i>hirsuta</i> (Wt. et Arn.) Wilmot-Deaar	Fabaceae	Climbing shrub	Southern W.Ghats	Medicinal
50.	<i>Myristica malabarica</i> Lamk.	Myrtaceae	Tall tree	Southern W.Ghats	Spice, wild relative.
51.	<i>Ochlandra travancorica</i> Benth. ex Gamble	Bambusoideae	Clump forming	Southern W.Ghats	Bamboo poles
52.	<i>Paphiopedilum druryi</i> (Bedd.) Stein.	Orchidaceae	Slipper Orchid	Agasthymala	Ornamental. Endangered

53.	<i>Piper barberi</i> Gamble	Piperaceae	Scandant undershrub	Tirunelveli hills	Wild Relative
54.	<i>Piper galeatum</i> (Miq.) C. DC.	Piperaceae	Woody climbing shrub	Southern W. Ghats	Wild Relative
55.	<i>Piper hapnium</i> Buch. –Ham. ex Hook.f.	Piperaceae	Slender climbing shrub	Southern W. Ghats	Wild Relative
56.	<i>Piper schmidtii</i> Hook.f.	Piperaceae	Large climbing shrub	Southern W.Ghats	Spice, wild relative.
57.	<i>Piper trichostachyon</i> (Miq.) C.DC.	Piperaceae	Large Climbing shrub	Southern W.Ghats	Spice
58.	<i>Piper wightii</i> Miq.	Piperaceae	Climber	Southern W.Ghats	Spice
59.	<i>Polyalthia fragrans</i> (Dalz.) Bedd.	Annonaceae	Tree	Malabar region	Flowers fragrant, Wood
60.	<i>Pterospermum reticulatum</i> Wt. et Arn.	Sterculiaceae	Tree	Southern W.Ghats	Wood
61.	<i>Rhododendron arboreum</i> Smith subsp. <i>nilagiricum</i> (Zenker) Tagg	Ericaceae	Trees	Nilgiri and Idduki hills	Ornamental

62.	<i>Sorghum stapfii</i> . (Hook. f.) C.E.C.Fischer	Poaceae	Tall herb	Kalakad ranges	Forage
63.	<i>Syzygium bourdillonii</i> (Gamble) Rathakr. et N.C. Nair	Myrtaceae	Small tree	Travancore hills in southern W. Ghats	Wild Relative
64.	<i>Syzygium chavaran</i> (Bourd.) Gamble	Myrtaceae	Small tree	Southern W.Ghats	Fruits
65.	<i>Syzygium densiflorum</i> Wall. ex Wight et Arn.	Myrtaceae	Tree	Southern W. Ghats	Wild Relative
66.	<i>Syzygium malabaricum</i> (Bedd.) Gamble	Myrtaceae	Tree	Southern W. Ghats	Wild Relative
67.	<i>Syzygium microphyllum</i> Gamble	Myrtaceae	Tree	India (Tamil Nadu)	Wild Relative
68.	<i>Syzygium mundagam</i> (Bourd.) Chitra	Myrtaceae	Tree	Southern W. Ghats	Wild Relative
69.	<i>Syzygium palaghatense</i> Gamble	Myrtaceae	Tree	Palaghat southern W. Ghats	Wild Relative
70.	<i>Syzygium parameswaranii</i> Mohanan et A.N.Henry	Myrtaceae	Small tree	Agasthyamala hills	Fruit

71.	<i>Syzygium travancoricum</i> Gamble	Myrtaceae	Tree	Trichur, Quilon, Wynaad in southern W. Ghats	Wild Relative
72.	<i>Trichosanthes anamalaiensis</i> Bedd.	Cucurbitaceae	Scandent herb	Anamalai hills	Wild relative
73.	<i>Vigna bourneae</i> Gamble	Fabaceae	Herb	Anamalai Southern W.Ghats	Wild relative
74.	<i>Vigna vexillata</i> (L.) A.Rich. var. <i>wightii</i> Benth. ex Baker) Babu et Sharma	Fabaceae	Herb	Southern W.Ghats	Wild relative pulse
<b>XXII. Islands Agrobiodiversity Region:</b>					
1.	<i>Aglaonema nicobarica</i> Hook. f.	Araceae	Erect herb	Nicobar islands	Ornamental
2.	<i>Aglaia fusca</i> King	Meliaceae	Small tree	Andaman island	
3.	<i>Amoora mannii</i> King ex Brandis	Meliaceae	Tree	South Andaman island	Timber
4.	<i>Amorphophallus longistylus</i> Kurz. ex Hook. f.	Araceae	Herb with corm	South Andaman islands	Wild Relative

5.	<i>Hornstedtia fenzlii</i> (Kurz.) K. Schum.	Zingiberaceae	Rhizomatous herb	Car Nicobar and Great Nicobar islands	Wild Relative
6.	<i>Bentinckia nicobarica</i> (Kurz) Becc.	Arecaceae	Tree	Nicobar islands	Ornamental
7.	<i>Aerides emericii</i> Reichb.f.	Orchidaceae	Epiphytic	Nicobar islands	Ornamental
8.	<i>Anoectochilus nicobaricus</i> Balakr. et Chakrab.	Orchidaceae	Herb	Nicobar	Ornamental
9.	<i>Bauhinia nicobarica</i> (Balakr. et Thoth.) Bennet	Caesalpinaceae	Woody climber	Nicobar	Ornamental
10.	<i>Bulbophyllum protractum</i> Hook.f.	Orchidaceae	Epiphytic orchid	Andaman	Ornamental
11.	<i>Calamus andamanicus</i> Kurz	Arecaceae	Liana	Andaman & Nicobar	Source of cane
12.	<i>Calamus baratangensis</i> Renuka et Vijayakumaran	Arecaceae	Clustering rattan	Andaman	Wild Relative
13.	<i>Calamus basui</i> Renuka et Vijayakumaran	Arecaceae	Clustering rattan	Andaman	Wild Relative

14.	<i>Calamus pseudorivalis</i> Becc.	Arecaceae	Liana	Andaman & Nicobar island	Wild Relative
15.	<i>Calamus nicobaricus</i> Becc.	Arecaceae	Climbing shrub	Nicobar island	Wild Relative
16.	<i>Canarium manii</i> King	Burseraceae	Moderate sized tree	Andaman islands	Wood
17.	<i>Dendrobium tenuicaule</i> Hook.f.	Orchidaceae	Epiphytic orchid	Andaman	Ornamental
18.	<i>Dillenia andamanica</i> Parkinson	Dilleniaceae	Tree	Andaman islands; Great Nicobar islands	Wood
19.	<i>Dipterocarpis andamanicus</i> (King) Tewary et Sarkar	Dipterocarpaceae	Tree	South Andaman	Wood
20.	<i>Dysoxylum andamanicum</i> King	Meliaceae	Tree	Andaman island	Wood
21.	<i>Dioscorea vexans</i> Prain & Burk.	Dioscoreaceae	Climber	Andaman islands	Wild relative
22.	<i>Eria andamanica</i> Hook.f.	Orchidaceae	Epiphytic orchid	Andaman	Ornamental
23.	<i>Eria nicobarica</i> Balakr. et N.G.Nair	Orchidaceae	Epiphytic orchid	Nicobar	Ornamental



24.	<i>Garcinia andamanica</i> King var. <i>andamanica</i>	Clusiaceae	Small tree	Andaman	Fruit
25.	<i>Garcinia calycina</i> Kurz.	Clusiaceae	Small tree	Great Nicobar island	Wild relative
26.	<i>Garcinia jelinekii</i> Kurz.	Clusiaceae	Tree	Nicobar islands	Wild relative
27.	<i>Garcinia kurzii</i> Pierre	Clusiaceae	Tree	Andaman	Fruit
28.	<i>Horsfieldia macrocarpa</i> var. <i>connarioides</i> (King) Sinclair	Myristicaceae	Tree	Andaman island	Wild relative
29.	<i>Habenaria andamanica</i> Hook.f.	Orchidaceae	Terrestrial orchid	Andaman	Ornamental
30.	<i>Ixora andamanica</i> Bremek.	Rubiaceae	Shrub	Andaman	Ornamental, wood
31.	<i>Ixora nicobarica</i> Bremek.	Rubiaceae	Shrub	Andaman & Nicobar islands	Ornamental, wood
32.	<i>Ixora rosella</i> Kurz	Rubiaceae	Small tree	Andaman & Nicobar	Ornamental, Fire wood
33.	<i>Jasminum andamanicum</i> Balakr. et N.G. Nair	Oleaceae	Shrub	South and Middle Andaman islands	Wild relative

34.	<i>Jasminum unifoliolatum</i> Balakr. et N.G. Nair	Oleaceae	Scandant shrub	North Andaman island (Saddle peak)	Wild relative
35.	<i>Knema andamanica</i> (Warb.) de Wilde subp. <i>andamanica</i>	Myristicaceae	Tree	Andaman & Nicobar islands	Wild relative
36.	<i>Macaranga nicobarica</i> Balakr. et Chakrab.	Euphorbiaceae	Tree	Great Nicobar island	Timber
37.	<i>Mangifera andamanica</i> King	Anacardiaceae	Tree	Andaman	Minor fruit tree
38.	<i>Miliusa andamanica</i> (King) Finet et Gagnep	Annonaceae	Evergreen Small tree	Andaman & Nicobar islands	Ornamental
39.	<i>Miliusa tectona</i> Hutch. et Parkin.	Annonaceae	Tree	Andaman Great Nicobar islands	Wood
40.	<i>Mimusops andamanica</i> King et Gamble	Sapotaceae	Tree	Andaman islands	Wild relative
41.	<i>Myristica connarioides</i> King	Myristicaceae	Tree	Andaman islands	Wild relative
42.	<i>Oryza indandamanica</i> Ellis	Poaceae	Herb	Rut island, Saddle Peak	Wild relative of rice

43.	<i>Pandanus andamanensis</i> Kurz.	Pandanaceae	Large Shrub	Andaman islands	
44.	<i>Pandanus leram</i> Voight	Pandanaceae	Large Shrub	Andaman & Nicobar island	Fruit edible
45.	<i>Polyalthia parkinsonii</i> Hutch.	Annonaceae	An elegant tree	Andaman & Nicobar islands	Ornamental
46.	<i>Phyllanthus andamanica</i> Balakr. et N.G.Nair	Euphorbiaceae	Shrub	North Andaman island	Wild relative
47.	<i>Schefflera pushpangadanii</i> T. Chakrab.	Araliaceae	Tree	Great Nicobar islands	Ornamental
48.	<i>Semecarpus kurzii</i> Engl.	Anacardiaceae	Tree	Andaman & Nicobar islands.	Leaves used as fodder (elephant)
49.	<i>Strychnos andamanensis</i> Hill.	Loganiaceae	Shrub	Andaman & Nicobar islands	Medicinal
50.	<i>Strychnos narcondamensis</i> Hill.	Loganiaceae	Shrub	Narcondam island	Medicinal
51.	<i>Syzygium andamanicum</i> (King) Balakr.	Myrtaceae	Small tree	Andaman islands	Agroforestry

52.	<i>Syzygium manii</i> (King) Balakr.	Myrtaceae	A moderate sized tree	Middle Andaman	Wild relative
53.	<i>Tabernaemontana crispa</i> Roxb. var. <i>nicobarica</i> Kurz.	Apocynaceae	A small tree	Great Nicobar island	Ornamental
54.	<i>Terminalia manii</i> King	Combretaceae	Small tree	Andaman & Nicobar islands	Wood
55.	<i>Taeniophyllum andamanicum</i> Balakr. et Bharg.	Orchidaceae	Minute epiphytic herb without leaves	Andaman islands	Ornamental
56.	<i>Vanilla andamancia</i> Rolfe	Orchidaceae	Climbing orchid	Andaman islands	Wild relative
57.	<i>Walsura candollei</i> King	Meliaceae	A moderate sized tree	Andaman islands	Ornamental
58.	<i>Zeuxine andamanica</i> King et Prantl.	Orchidaceae	Terrestrial herb	Andaman islands	Ornamental

### Threatened Species of 22 Agrobiodiversity Importance

SL . No	Plant Species	Family	Habit	Threat status	Remarks
<b>I. Cold Desert Agrobiodiversity Region:</b>					
1.	<i>Aconitum deinorrhizum</i> Holmes ex Stapf	Ranunculaceae	Herb	EN	Medicinal
2.	<i>Aconitum kashmiricum</i> Stapf ex Coventry	Ranunculaceae	Herb	V	Medicinal
3.	<i>Allium auriculatum</i> Kunth	Liliaceae	Herb	EN	Culinary
4.	<i>Atropa acuminata</i> Royle	Solanaceae	Herb	I	Medicinal
5.	<i>Bergenia ligulata</i> Engl.	Saxifragaceae	Herb	I	Roots :medicinal value
6.	<i>Berberis kashmiriana</i> Ahrendt	Berberidaceae	Shrub	R	Medicinal
7.	<i>Cicer microphyllum</i> Benth.	Fabaceae	Herb	R	Genetic resource
8.	<i>Dioscorea deltoidea</i> Wall. ex Griseb.	Dioscoreaceae	Herbaceous climber	EN	Used for medicine
9.	<i>Ephedra gerardiana</i> Wall.	Ephedraceae	Scandent shrub	I	Ephedrine is salt of an alkaloid; used in Asthma.

10.	<i>Inula racemosa</i> Hook.f.	Asteraceae	Herb	V	Medicinal
11.	<i>Meconopsis aculeata</i> Royle	Papaveraceae	Herb	CR	Medicinal
12.	<i>Picrorhiza kurrooa</i> Royle ex Benth.	Scrophu- lariaceae	Herb	EN	Medicinal
14.	<i>Saussurea costus</i> (Falc.) Lipschitz.	Asteraceae	Herb	EN	Medicine
<b>II. Western Himalayan Agrobiodiversity Region:</b>					
1.	<i>Acer oblongum</i> Wall. ex DC var. <i>membranaceum</i> Banerji	Aceraceae	Tree	CR	Wood used agricultural implements.
2.	<i>Aconitum falconeri</i> Stapf var. <i>latilobum</i> Stapf	Ranunculaceae	Herb	V	In nervous disorders and digestive disease.
3.	<i>Aconitum moschatum</i> (Bruhl) Stapf	Ranunculaceae	Herb	EN	Medicinal
4.	<i>Allium roylei</i> Stearn	Liliaceae	Herb	EN	Culinary
5.	<i>Allium stracheyi</i> Baker	Liliaceae	Herb	V	Culinary
6.	<i>Atropa acuminata</i> Royle	Solanaceae	Herb	I	Medicinal
7.	<i>Aquilegia nivalis</i> Falc. ex B. D. Jacks.	Ranunculaceae	Herb	EN	Medicinal
8.	<i>Arnebia benthamii</i> (Wall. ex G. Don) I.M. Johnston	Boraginaceae	Herb	CR	Medicinal
9.	<i>Berberis huegelliana</i> Schneid.	Berberidaceae	Shrub	I	Medicinal

10.	<i>Cremanthodium arnicoides</i> (Wall.) R.Good	Asteraceae	Herb	EN	Fragrant, Ornamental
11.	<i>Dioscorea deltoidea</i> Wall. ex Griseb.	Dioscoreaceae	Herbaceous climber	EN	Used for medicine
12.	<i>Eremurus himalaicus</i> Baker	Liliaceae	Herb	R	Ornamental
13.	<i>Heracleum cachemiricum</i> C.B. Cl.	Apiaceae	Herb	I	Spice
14.	<i>Hedysarum astragaloides</i> Benth. ex Baker	Fabaceae	Herb	R	Fodder
15.	<i>Hedysarum cachemirianum</i> Benth. ex Babu	Fabaceae	Herb	R	Fodder
16.	<i>Indigofera cedrorum</i> Dunn	Fabaceae	Shrub	I	Fodder
17.	<i>Indigofera himalayensis</i> Ali	Fabaceae	Shrub	I	Dye and fodder
18.	<i>Lactuca undulata</i> Lebeb.	Asteraceae	Herb	EN	Medicinal, wild edible.
19.	<i>Meconopsis aculeata</i> Royle	Papaveraceae	Herb	EN	Root narcotic, ornamental
20.	<i>Meconopsis latifolia</i> Prain	Papaveraceae	Herb	V	Root narcotic, ornamental
21.	<i>Picrorhiza kurroa</i> Royle ex Benth.	Scrophul- ariaceae	Herb	EN	Medicinal

22	<i>Rhynchosia pseudo-cajan</i> Camb.	Fabaceae	Trailing herb	I	Wild relative
21	<i>Rubia edgeworthii</i> Hook.f.	Rubiaceae	Herb	R	Dye, Medicinal
22	<i>Rubia himalayensis</i> Klotzsch	Rubiaceae	Climbing herb	V	Dye
23	<i>Saussurea clarkei</i> Hook. f	Asteraceae	Herb	R	Medicinal
24	<i>Saussurea costus</i> (Falc.)Lipschitz	Asteraceae	Herb	CR	Medicinal
25.	<i>Ulmus wallichiana</i> Planch.	Ulmaceae	Tree	EN	Wood useful for furniture making.
<b>III. Eastern Himalayan Agrobiodiversity region:</b>					
1.	<i>Acer sikkimense</i> Miq. var. <i>serrulatum</i> Pax	Aceraceae	Tree	EN	Wood, ornamental
2.	<i>Acer osmastonii</i> Gamble	Aceraceae	Tree	EN	Ornamental
3.	<i>Boehmeria tirapensis</i> Deb et R. Dutta	Urticaceae	Shrub	I	Fibre
4.	<i>Cajanus sericeus</i> (Benth.ex Baker) van der Maesen	Fabaceae	Shrub	I	Wild relative of pigeon pea
5.	<i>Calamus inermis</i> T. Anders.	Arecaceae	Climber	V	For house hold furniture
6.	<i>Capparis pachyphylla</i> Jacobs	Capparidaceae	Shrub	V	Fruits



7.	<i>Cissus spectabilis</i> (Kurz) Planch.	Vitaceae	Erect shrub	EN	Wild relative
8.	<i>Coptis teeta</i> Wall.	Ranunculaceae	Herb	EN	Medicinal
9.	<i>Dendrobium aurantiacum</i> Rchb.f.	Orchidaceae	Herb	V	Epiphyte, ornamental
10.	<i>Gleditsia assamica</i> Bor	Fabaceae	Small tree	V	Forage
11.	<i>Hedychium longipedunculatum</i> Sastry et D.M.Verma	Zingiberaceae	Rhizomatous	I	Ornamental
12.	<i>Livistona jenkinsiana</i> Griff.	Arecaceae	Tree Palm	EN	Ornamental
13.	<i>Nardostachys grandiflora</i> DC.	Valerianaceae	Herb	V	Medicinal
14.	<i>Panax pseudoginseng</i> Wall.	Araliaceae	Herb	V	Wild relative
15.	<i>Paphiopedilum fairrieanum</i> (Lindl.) Stein	Orchidaceae	Herb	CR	Ornamental
16.	<i>Picrorhiza kurroa</i> Royle ex Benth.	Scrophulariaceae	Herb	EN	Medicinal
17.	<i>Rhododendron concinnoides</i> Hutch. et Ward	Ericaceae	Shrub	EN	Multipurpose
18.	<i>Rhododendron formosum</i> Wall.	Ericaceae	Shrub	V	Multipurpose
19.	<i>Rhododendron santapaui</i> Sastry et al.	Ericaceae	Shrub, sometimes epiphytic	EN	Multipurpose

20.	<i>Vanda coerulea</i> Griff. ex Lindl.	Orchidaceae	Epiphytic herb	CR	Ornamental
21.	<i>Wallichia triandra</i> (Joseph) S.K. Basu	Arecaceae	Palm	R	Ornamental
<b>IV. Brahmaputra valley Agrobiodiversity Region:</b>					
1.	<i>Dendrobium auranticum</i> Rchb.f.	Orchidaceae	Herb	VU	Epiphyte, ornamental
2.	<i>Magnolia gustavii</i> King	Magnoliaceae	Tree	V	Ornamental
<b>V. Khasia-Jaintia-Garo Hills Agrobiodiversity Region:</b>					
1.	<i>Citrus latipes</i> ( Swingle) Tanaka	Rutaceae	Small tree	I	Khasi papeda, Wild Citrus
2	<i>Citrus indica</i> Tanaka	Rutaceae	Shrub	EN	Indian wild orange, wild relative
3.	<i>Hedychium dekianum</i> A.S. Rao et D.M.Verma	Zingiberaceae	Rhizomatous herb	I	Ornamental
4.	<i>Ilex khasiana</i> Purakaystha	Aquifoliaceae	Tree	CR	Medicinal
5.	<i>Ixonanthus khasiana</i> Hook.f.	Ixonanthaceae	Tree	V	Wood for furniture
6.	<i>Mangifera khasiana</i> Pierre	Anacardiaceae	Tree	I	Wild relative of mango
7.	<i>Nepenthes khasiana</i> Hook.f.	Nepenthaceae	Climbing shrub	CR	Used for urinary trouble
8.	<i>Sterculia khasiana</i> Debberman	Sterculiaceae	Tree	CR	Medicinal

VI. North-Eastern Agrobiodiversity Region:					
1.	<i>Capparis cinerea</i> Jacobs	Capparidaceae	Shrub	I	Fruit
2.	<i>Dendrobium auranticum</i> Rchb.f.	Orchidaceae	Herb	V	Epiphyte, ornamental
3.	<i>Dioscorea deltoidea</i> Wall. ex Griseb.	Dioscoreaceae	Herbaceous climber	EN	Medicinal
4.	<i>Elaeocarpus prunifolius</i> (C. Muell.) Mast.	Elaeocarpaceae	Tree	V	Edible fruit
5.	<i>Euonymus assamicus</i> Blakelock	Celastraceae	Tree	EN	Medicinal
6.	<i>Gleditsia assamica</i> Bor	Fabaceae	Tree	V	Forage
7.	<i>Hedychium calcaratum</i> A.S.Rao et D.M.Verma	Zingiberaceae	Rhizomatous	I	Ornamental
8.	<i>Hedychium gracillimum</i> A.S. Rao et D.M.Verma	Zingiberaceae	Rhizomatous	I	Ornamental
9.	<i>Hedychium marginatum</i> C.B. Clarke	Zingiberaceae	Rhizomatous	EN	Ornamental
10.	<i>Ilex khasiana</i> Purakaystha	Aquifoliaceae	Tree	CR	Medicinal
11.	<i>Ilex venulosa</i> Hook.f.	Aquifoliaceae	Tree	EN	Medicinal
12.	<i>Lilium mackinliae</i> Sealy	Liliaceae	Herb	EN	Ornamental
13.	<i>Magnolia gustavii</i> King	Magnoliaceae	Tree	V	Ornamental
14.	<i>Mangifera khasiana</i> Pierre	Anacardiaceae	Tree	I	Wild relative

15.	<i>Paphiopedilum fairrieianum</i> (Lindl.) Stein	Orchidaceae	Herb	CR	Ornamental
16.	<i>Paphiopedilum spicerianum</i> (Reichb.f.) Pfitz.	Orchidaceae	Herb	CR	Ornamental
17.	<i>Paphiopedilum venustum</i> (Wall.) Pfitz. ex Stein	Orchidaceae	Herb	CR	Ornamental
18.	<i>Paphiopedilum villosum</i> (Lindl.) Stein	Orchidaceae	Herb	CR	Ornamental
19.	<i>Panax pseudo-ginseng</i> Wall.	Araliaceae	Herb	V	Wild relative
20.	<i>Renanthera imschootiana</i> Rolfe	Orchidaceae	Epiphyte	CR	Ornamental
21.	<i>Rhododendron elliotii</i> Watt ex Brandis	Ericaceae	Tree or shrub	V	Multipurpose
22.	<i>Rhododendron formosum</i> Wall.	Ericaceae	Shrub	V	Multipurpose
23.	<i>Rhododendron johnstoneanum</i> Watt. ex Hutch.	Ericaceae	Shrub	Rare	Multipurpose
24.	<i>Rhododendron macabeanum</i> Watt. ex Balf.f.	Ericaceae	Shrub	V	Multipurpose
25.	<i>Rhododendron triflorum</i> Hook.f. var. <i>bauhiniflorum</i> (Watt ex Hutch.) Cullen	Ericaceae	Shrub or tree	EN	Multipurpose
26.	<i>Rhododendron wattii</i> Cowan	Ericaceae	Shrub or tree	EN	Multipurpose
27.	<i>Vanda coerulea</i> Griff. ex Lindl.	Orchidaceae	Epiphytic herb	CR	Ornamental

VII. Arid western Agrobiodiversity Region:					
1.	<i>Abutilon bidentatum</i> Hochst.ex A. Rich. var. <i>major</i> (Blatt. et Hallb.) Bhandari	Malvaceae	Under shrub	I	Fiber used for making rope.
2.	<i>Abutilon fruticosum</i> Guill.ex Perr. var. <i>chrysocarpa</i> Blatt. et Hallb.	Malvaceae	Under shrub	I	Fodder value
3.	<i>Anogeissus sericea</i> Brandis var. <i>nummularia</i> King ex Duthie	Combretaceae	Tree	R	Ash wood for tool handle.
4.	<i>Barleria prionitis</i> L. subsp. <i>dicantha</i> Blatt.et Hallb.	Acanthaceae	Shrub	E	Medicinal, ornamental
5.	<i>Cenchrus rajasthanensis</i> Kanodia et Nanda	Poaceae	Herb	I	Forage
6.	<i>Commiphora wightii</i> (Arn.) Bhandari	Burseraceae	Shrub	V	Gum and resin, medicine
7.	<i>Cucumis prophetrum</i> L.	Cucurbitaceae	Climber	I	Wild relative
8.	<i>Indigofera coerulea</i> Roxb.var. <i>monosperma</i> (Sant.) Sant.	Fabaceae	Shrub	R	Medicinal, green manure
9.	<i>Indigofera constricta</i> (Thw) Trimen	Fabaceae	Shrub	R	Medicinal, green manure
10.	<i>Tecomella undulata</i> (Sm.) Seem.	Bignonoiaceae	Tree	I	Wood, ornamental

11.	<i>Withania coagulans</i> (Stocks) Dunal	Solanaceae	Under shrub	V	Relative of <i>Withania. somnifera</i>
<b>VIII. Malwa Plateau and Central Highlands Agrobiodiversity Region:</b>					
1.	<i>Cajanus sericeus</i> (Benth. ex Baker) van der Maesen	Fabaceae	Shrub	I	Wild relative of pigeonpea
2.	<i>Carum villosum</i> Haines	Apiaceae	Herb		Wild Relative
2.	<i>Indigofera deccanensis</i> Sanjappa	Fabaceae	Herb	I	Fodder
3.	<i>Nogra filicaulis</i> Griff. ex Lindl.	Fabaceae	Climbing herb	EN	Wild relative of Soyabean
<b>IX. Kathiawar Agrobiodiversity Region:</b>					
1.	<i>Cajanus sericeus</i> (Benth ex Baker) van der Maesen	Fabaceae	Shrub	I	Wild relative of pigeonpea
2.	<i>Helichrysum cutchicum</i> (C.B. Clarke) R.S. Rao et Deshpande	Asteraceae	Herb	V	Ornamental
<b>X. Bundelkhand Agrobiodiversity Region:</b>					
	Nil	Nil	Nil	Nil	Nil
<b>XI. Upper Gangetic Plains Agrobiodiversity Region:</b>					
1.	<i>Albizia thompsonii</i> Brandis	Fabaceae	Tree	R	Wood
2.	<i>Carum villosum</i> Haines	Apiaceae	Herb	EN	Spice

3.	<i>Cymbopogon osmastonii</i> R. Parker	Poaceae	Herb	I	Tufted grass, Lemon grass oil
4.	<i>Indopiptadenia oudhensis</i> (Brandis) Brenan	Fabaceae	Small tree	EN	Fodder
<b>XII. Lower Gangetic Plains Agrobiodiversity Region:</b>					
1.	<i>Albizia thompsonii</i> Brandis var. <i>galbanum</i>	Fabaceae	Tree	R	Wood
2.	<i>Carum villosum</i> Haines	Apiaceae	Herb	EN	Spice
3.	<i>Carex myosurus</i> Nees var. <i>oraestans</i> (C.B. Clarke) Kuek.	Cyperaceae	Hemicr. or rhizome geophyte	EN	Fodder
4.	<i>Ligusticum alboalatum</i> Haines	Apiaceae	Herb	EN	Spice
<b>XIII. Gangetic Delta Agrobiodiversity Region:</b>					
1.	<i>Oryza officinalis</i> Wall. ex Watt.	Poaceae	Tall herb	I	Wild relative of rice
<b>XIV. Chotanagpur Agrobiodiversity Region:</b>					
1.	<i>Aglaiia haseleltiana</i> Haines	Meliaceae	Small tree	R	Medicinal
2.	<i>Carum villosum</i> Haines	Apiaceae	Herb	EN	Spice
3.	<i>Pycnocycla glauca</i> Lindl.	Apiaceae	Herb	R	Spice
4.	<i>Oryza nivara</i> S.D. Sharma et Shastry	Poaceae	Tall herb	I	Wild relative of rice

<b>XV. Bastar Agrobiodiversity Region:</b>					
1.	<i>Oryza nivara</i> S.D. Sharma et Shastry	Poaceae	Tall herb	I	Wild relative of rice
<b>XVI. Koraput Agrobiodiversity Region:</b>					
1.	<i>Acacia donaldii</i> Haines	Fabaceae	Tree	I	Wood
2.	<i>Albizia orissensis</i> Sahni et Bennet	Fabaceae	Tree	I	Wood
3.	<i>Albizia thompsonii</i> Brandis	Fabaceae	Tree	R	Wood
4.	<i>Argyreia arakuensis</i> Balakrishnan	Convolvulaceae	Climber	R	Ornamental
5.	<i>Cajanus cajanifolius</i> (Haines) van der Maesen	Fabaceae	Under-shrub	I	Wild relative of pigeonpea
6.	<i>Indigofera barberi</i> Gamble	Fabaceae	Shrub	R	Green manure
7.	<i>Oryza jeyporensis</i> Govindaswami et Krishnamurthy	Poaceae	Tall herb	Endemic	Wild relative of rice
8.	<i>Oryza officinalis</i> Wall. ex Watt subsp.. <i>malampuzhaensis</i> (Krish) Tateoka	Poaceae	Tall herb	I	Grass eaten by cattle. Wild relative.
9.	<i>Rhynchosia beddomei</i> Baker	Fabaceae	Under-shrub	R	Wild relative
10.	<i>Rhynchosia filipes</i> Benth.	Fabaceae	Trailing herb	I	Wild relative



11.	<i>Zingiber roseum</i> Roscoe	Zingiberaceae	Rhizomatous herb	I	Wild relative
<b>XVII. Southern Eastern Ghats Agrobiodiversity Region:</b>					
1.	<i>Acacia campbellii</i> Arn.	Fabaceae	Tree	VU	
2.	<i>Albizia thompsonii</i> Brandis	Fabaceae	Tree	R	Wood
3.	<i>Asparagus rottleri</i> Baker	Liliaceae	Under shrub	I	Medicinal
4.	<i>Crotalaria paniculata</i> Willd. var. <i>nagarjunekondensis</i> Thoth.	Fabaceae	Under-shrub	I	Wild relative
5.	<i>Crotalaria willdenowiana</i> DC. var. <i>galbrifoliata</i> Ellis	Fabaceae	Shrub	R	Wild relative
6.	<i>Cycas beddomei</i> Dyer	Cycadaceae	Small tree	EN	Ornamental; cosmetic
7.	<i>Indigofera barberi</i> Gamble	Fabaceae	Shrub	R	Dye
8.	<i>Indigofera constricta</i> (Thw.) Trimen	Fabaceae	Shrub	R	Wild relative
9.	<i>Madhuca diplostemon</i> (C.B. Clarke) van Royen	Sapotaceae	Tree	EN	Wild relative
10	<i>Oryza nivara</i> S.D. Sharma et Shastry	Poaceae	Tall herb	I	Wild relative
11.	<i>Oryza officinalis</i> Wall. ex Watt subsp. <i>malampuzhaensis</i> (Krish) Tateoka	Poaceae	Tall herb	I	Wild relative

12.	<i>Rhynchosia beddomei</i> Baker	Fabaceae	Under shrub	Rare	Wild relative.
13.	<i>Rhynchosia filipes</i> Benth.	Fabaceae	Trailing herb	I	Wild relative
<b>XVIII. Kaveri Agrobiodiversity Region:</b>					
1.	<i>Acacia campbellii</i> Arn.	Fabaceae	Tree	VU	Wood
2.	<i>Albizia lathamii</i> Gamble	Fabaceae	Tree	V	Wood
3.	<i>Albizia thompsonii</i> Brandis	Fabaceae	Tree	R	Wild relative
4.	<i>Asparagus rottleri</i> Baker	Liliaceae	Under shrub	I	Medicinal
5.	<i>Ceropegia odorata</i> Nimmo ex Hook.f.	Asclepiadaceae	Twiner	EN	Medicinal, ceropagine
6.	<i>Hildegardia populifolia</i> (Roxb.) Schott. et Endl.	Sterculiaceae	Tree	V	Wood
7.	<i>Indigofera constricta</i> (Thw) Trimen	Fabaceae	Shrub	R	Medicinal
8.	<i>Oryza officinalis</i> Wall. ex Watt subsp. <i>malampuzhaensis</i> (Krish) Tateoka	Poaceae	Tall herb	I	Wild relative of rice
9.	<i>Rhynchosia velutina</i> Wight et Arn.	Fabaceae	Climbing herb	VU	Wild relative of pigeonpea

<b>XIX. Deccan Agrobiodiversity Region:</b>					
1.	<i>Acacia campbellii</i> Arn.	Mimosaceae	Tree	VU	
2.	<i>Asparagus rottleri</i> Baker	Asparagaceae	Under shrub	I	Medicinal
3.	<i>Cajanus sericeus</i> (Benth. ex Baker) van der Maesen	Fabaceae	Shrub	I	Wild relative of pigeonpea
4.	<i>Crotalaria paniculata</i> Willd. var. <i>nagerjunekondensis</i> Thoth.	Fabaceae	Under shrub	I	Wild relative
5.	<i>Crotalaria willdenowiana</i> DC. subsp. <i>glabrifoliolata</i> Ellis	Fabaceae	Shrub	R	Wild relative
6.	<i>Indigofera constricta</i> (Thw.) Trimén	Fabaceae	Shrub	R	Medicinal
7.	<i>Indigofera deccanensis</i> Sanjappa	Fabaceae	Shrub	I	Fodder
8.	<i>Madhuca diplostemon</i> (C.B. Clarke) van Royen	Sapotaceae	Tree	EN	Wild relative
<b>XX. Konkan Agrobiodiversity Region :</b>					
1.	<i>Abutilon ranadei</i> Woodr. ex Stapf	Malvaceae	Under shrub	CR	Wild spp.
2.	<i>Cajanus lineatus</i> (Wt. et Arn) van der Maesen	Fabaceae	Shrub	I	Wild relative of pigeonpea
3.	<i>Calamus brandisi</i> Becc.	Arecaceae	Scandent shrub	R	Construction purpose

4.	<i>Ceropegia attenuata</i> Hook.	Asclepiadaceae	Herb	R	Ornamental
5.	<i>Crinum eleonora</i> Blatt. et McC.	Amaryllidaceae	Herb	Possibly Ex.	Ornamental
6.	<i>Cucumis setosus</i> Cogn	Cucurbitaceae	Scandent herb	R	Wild relative
7.	<i>Curcuma purpurea</i> Blatt.	Zingiberaceae	Rhizoma tous herb	R	Wild relative
8.	<i>Delphinium malabaricum</i> (Huath) <i>Mung</i> var. <i>ghaticum</i> Billore	Ranunculaceae	Herb	I	Ornamental
9.	<i>Indigofera dalzelli</i> T.Cooke	Fabaceae	Herb	I	Fodder
10.	<i>Indigofera deccanensis</i> Sanjappa	Fabaceae	Herb	I	Fodder
11.	<i>Iphigenia stellata</i> Blatt.	Liliaceae	Herb	V	Alkaloid. Colchicine
12.	<i>Nogra dalzellii</i> (Baker) Merr.	Fabaceae	Climbing herb	V	Wild relative of soya bean
13.	<i>Oryza officinalis</i> Wall. ex Watt subsp. <i>malampuzhaensis</i> (Krish) Tateoka	Fabaceae	Herb	I	Wild relative
14.	<i>Pancratium parvum</i> Dalzell	Amaryllidaceae	Herb	R	Ornamental
15.	<i>Scilla viridis</i> Blatt. et Hallb.	Liliaceae	Herb	CR	Medicinal and ornamental

16.	<i>Vigna khandalense</i> (Sant.) Sundararagh. et Wadhwa	Fabaceae	Herb/ Under shrub	R	Seed eaten in scarcity & wild relative
17	<i>Zingiber cernuum</i> Dalz.	Zingiberaceae	Herb	I	Wild relative
18.	<i>Zingiber neesatum</i> (Grah.) Ramam.	Zingiberaceae	Herb	I	Wild relative
<b>XXI. Malabar Agrobiodiversity Region:</b>					
1.	<i>Amorphophallus commutatus</i> (Schott.) Engl.	Araceae	Tuberous herb	R	Wild relative
2.	<i>Amorphophallus dubius</i> Blume	Araceae	Herb	I	Food
3.	<i>Amorphophallus mysorensis</i> Barnes et C.E.C.Fisch.	Araceae	Tuberous herb	E	Wild relative
4.	<i>Cajanus lineatus</i> (Wt. et Arn ) van der Maesen	Fabaceae	Shrub	I	Wild relative of pigeon pea
5.	<i>Calamus brandisii</i> Becc.	Arecaceae	Scandent shrub	Rare	Construction
6.	<i>Cinnamomum travancoricum</i> Gamble	Lauraceae	Tree	Rare	Wild relative
7.	<i>Crotalaria clarkei</i> Gamble	Fabaceae	Herb	Rare	Wild relative
8.	<i>Crotalaria digitata</i> Hook.	Fabaceae	Shrub	R	Wild relative

9.	<i>Crotalaria grahamima</i> Wight et Arn.	Fabaceae	Under shrub	Rare	Wild relative
10.	<i>Dioscorea wightii</i> Hook.f.	Dioscoreaceae	Climbing herb	Rare	Medicinal
11.	<i>Diospyros bourdillonii</i> Brand.	Ebenaceae	Tree	I	Source of wood
12.	<i>Elaeocarpus recurvatus</i> Corner	Elaeocarpaceae	Tree	V	Source of wood
13.	<i>Garcinia wightii</i> T. And.	Clusiaceae	Tree	EN	Fruit
14.	<i>Heracleum candolleianum</i> (Wight et Arn.) Gamble	Apiaceae	Herb	EN	Spice
15.	<i>Iphigenia sahyadrica</i> Ansari et R.S. Rao	Liliaceae	Herb	EN	Alkaloid –Cochicine
16.	<i>Ipea malabarica</i> (Reichb.f.) Hook.f.	Orchidaceae	Herb	EN	Ornamental
17.	<i>Luffa umbellata</i> (Klein) Roem	Cucurbitaceae	Scandent	I	Wild relative
18.	<i>Madhuca bourdillonii</i> (Gamble)H.J. Lam.	Sapotaceae	Tree	EN	Wild relative
19.	<i>Madhuca insignis</i> (Radlk.) H.J. Lam.	Sapotaceae	Tree	EN	Wild relative
20.	<i>Melicope indica</i> Wight	Rutaceae	Small tree	V	Medicinal
21.	<i>Meteoromyrtus wynaadensis</i> (Bedd.) Gamble	Myrtaceae	Tree	CR	Aromatic, medicinal
22.	<i>Momordica subangulata</i> Bl.	Cucurbitaceae	Scandent	I	Wild relative

23.	<i>Myristica fatua</i> Houtt. var. <i>Magnifica</i> (Bedd.) J. Sinclair	Myristicaceae	Tree	R	Wild relative
24.	<i>Nostolachma crassifolia</i> (Gamble) Deb et Lahiri	Rubiaceae	Stiff shrub	Rare	Wild relative of coffee
25.	<i>Oryza officinalis</i> Wall. ex Watt subsp. <i>malampuzhaensis</i> (Krish) Tateoka	Poaceae	Herb	I	Wild relative
26.	<i>Pancratium parvum</i> Dalzell	Amaryllidaceae	Herb	EN	Ornamental
27.	<i>Paphiopedilum druryi</i> (Bedd.) Stein	Orchidaceae	Herb	CR	Ornamental
28.	<i>Piper barberi</i> Gamble	Piperaceae	Climber	EN	Wild relative
29.	<i>Piper hapnium</i> Buch.-Ham. ex Hook.f.	Piperaceae	Climber	R	Wild relative
30.	<i>Piper pykarahense</i> C.DC.	Piperaceae	Climber	CR	Wild relative
31.	<i>Rhynchosia jacobii</i> Chandr. et Shetty	Fabaceae	Trailing herb	I	Wild relative
32.	<i>Rhynchosia heynei</i> Wight et Arn.	Fabaceae	Trailing undershrub	I	Wild relative
33.	<i>Rhynchosia filipes</i> Benth.	Fabaceae	Trailing herb	I	Wild relative
34.	<i>Syzygium beddomei</i> (Duthie) Chithra	Myrtaceae	A large tree	EN	Wild Relative
35.	<i>Syzygium benthamiana</i> (Wight. ex Duthie) Gamble	Myrtaceae	Small tree	EN	Fruit

36.	<i>Syzygium bourdillonii</i> (Gamble) Rthakr.et N.C.Nair	Myrtaceae	Small tree	EN	Fruit
37.	<i>Syzygium chavaran</i> (Bourd.) Gamble	Myrtaceae	Small tree	EN	Fruit
38.	<i>Syzygium courtallense</i> (Gamble) Alston	Myrtaceae	Small tree	CR	Fruit
39.	<i>Syzygium palghatense</i> Gamble	Myrtaceae	Small tree	CR	Fruit
40.	<i>Syzygium travancoricum</i> Gamble	Myrtaceae	Tree	CR	Wild relative
41.	<i>Vanilla walkeriae</i> Wight	Orchidaceae	Climber	I	Spice
42.	<i>Vanilla wightiana</i> Lindl. ex Hook. f.	Orchidaceae	Climber	R	Spice
42.	<i>Vigna bourneae</i> Gamble	Fabaceae	Climber	I	Wild relative
43.	<i>Zingiber cernuum</i> Dalz	Zingiberaceae	Herb	I	Spice
44.	<i>Zingiber neesatum</i> (Grah.) Ramam.	Zingiberaceae	Herb	I	Spice
<b>XXII. Islands Agrobiodiversity Region:</b>					
1.	<i>Bombax insigne</i> Wall. var. <i>andamanica</i> Prain	Bombacaceae	Tree	I	Wood for match boxes
2.	<i>Bombax insigne</i> Wall. var. <i>polystemon</i> Prain	Bombacaceae	Tree	CR	Wood
3.	<i>Corypha macropoda</i> Lindel ex Kurz	Arecaceae	Palm	R	Ornamental, toddy
4.	<i>Garcinia andamanica</i> King var. <i>andamanica</i>	Clusiaceae	Small tree	I	Wild relative



5.	<i>Garcinia jelinekii</i> Kurz	Clusiaceae	Tree	I	Fruit
6.	<i>Garcinia kingii</i> Pierre ex Vesque	Clusiaceae	Tree	I	Fruit
7.	<i>Garcinia kurzii</i> Pierre	Clusiaceae	Tree	I	Fruit
8.	<i>Mangifera andamanica</i> King	Anacardiaceae	Tree	V	Wild relative
9.	<i>Oryza indandamanica</i> Ellis	Poaceae	Herb	R	Wild relative of rice
10.	<i>Syzygium andamanicum</i> (King) N.P. Balakr.	Myrtaceae	Tree	CR	Wild relative.
11.	<i>Syzygium manii</i> (King) N.P. Balakr.	Myrtaceae	Tree	CR	Fruit & wood
12.	<i>Vanilla andamanica</i> Rolfe	Orchidaceae	Climber	CR	Spice

Note: CR : Critically Endangered species; EN : Endangered species; V:Vulnerable species; I : Indeterminate; R: Rare species

### List of Cultivated plants and their Wild relatives in India

S. No.	Botanical name	Common name	Crop group	Distribution	Remarks
1	<i>Abelmoschus angulosus</i> Wall. ex Wight & Arn.	WR Okra	VE	Mainly Western Ghats, upto 1600 m in forests; Gujarat, Kerala, Maharashtra, Tamil Nadu	Genetic resource
2	<i>Abelmoschus crinitus</i> Wall.	WR Okra	VE/MP	North west Himalayas, Western Ghats	Yields fibre for ropes and cordage; Genetic resource
3	<i>Abelmoschus esculentus</i> (L.) Moench	Okra / Bhindi	VE	Tropical & Sub-tropical zones	Cultivated
4	<i>Abelmoschus ficulneus</i> (L.) Wight & Arn.	WR Okra	VE	Deccan Peninsula, extending to southern Western Ghats	Yields a white fibre for twine; Genetic resource
5	<i>Abelmoschus manihot</i> (L.) Medik. subsp. <i>manihot</i>	WR Okra	VE	Coastal plains of Western Ghats, Western & Eastern Himalayas, also in West Bengal	Naturalized; Genetic resource
6	<i>Abelmoschus manihot</i> (L.) Medik. subsp. <i>tetraphyllus</i> (Roxb ex Hornem.) Borss. var. <i>megaspermus</i> Hemadri	WR Okra	VE	Central India	Genetic resource

7	<i>Abelmoschus manihot</i> (L.) Medik. subsp. <i>tetraphyllus</i> (Roxb ex Hornem.) Borss. var. <i>pungens</i> (Roxb.) Hochr.	WR Okra	VE	North- east India and tropical Himalayas	Genetic resource
8	<i>Abelmoschus manihot</i> (L.) Medik. subsp. <i>tetraphyllus</i> (Roxb. ex Hornem.) Borss. var. <i>tetraphyllus</i>	WR Okra	VE	West Coastal areas along Western Ghats	Genetic resource
9	<i>Abelmoschus moschatus</i> Medik.	WR Okra / Muskdana/ Musk Mallow	MP/VE	Western Himalayas, Deccan Hills and Western Ghats	Source of Ambrette seed oil; Genetic resource
10	<i>Abelmoschus tuberculatus</i> Pal & Singh	WR Okra	VE	North/north-western plains	Tolerant to yellow vein mosaic virus; Genetic Resource
11	<i>Abutilon bidentatum</i> Hochst. ex A.Rich. var. <i>major</i> (Blatt. & Hall.) Bhandari	Rajasthan kanghi	FO	Barmer, Jaisalmer, Jodhpur in western Rajasthan, Punjab, Haryana and Konkan coast	Fibre used for rope making
12	<i>Abutilon fruticosum</i> Guill. & Perr. var. <i>chrysoarpa</i> Blatt. & Hallb.	Rajasthan Kanghi	FO	Jaisalmer, Mohangarh in Western Rajasthan, Gujarat and Punjab	Fodder
13	<i>Abutilon hirtum</i> (Lam.) Sweet	Bara kanghi	MP	Semi-arid regions	Source of fibre

14	<i>Abutilon indicum</i> (L.) Sweet	Indian abutilon/ Kanghi	MP	Many parts of India	Also used for fibre; Weedy
15	<i>Abutilon ranadei</i> Woodr. & Stapf	Ranadei Kanghi	OR	Ratnagiri in Konkan, endemic	Genetic resource
16	<i>Acacia albida</i> Delile	Acacia	AF	Western Himalayas	Introduced
17	<i>Acacia auriculiformis</i> Benth.	Acacia	AF	Many parts of India	Introduction, Cultivated in almost all States in India
18	<i>Acacia campbelii</i> Arn.	Acacia	AF	Leeward Semi-arid Deccan plateau	Genetic resource
19	<i>Acacia catechu</i> (L.f.) Willd.	black catechu, black cutch, catechu, cutch tree, katha	M, W, CP	Subtropical forests in most parts of India- peninsular India, foot hills of Himalayas, W. India	A widely utilized forest tree
20	<i>Acacia concinna</i> (Willd.) DC.	Shikakai	AF	Tropical forests of East Himalayas, north-east India, peninsular India & hills of Rajasthan	Used as detergent
21	<i>Acacia donaldii</i> Haines	Acacia	AF	Northern E .Ghats (Koraput)	Agro-forestry

22	<i>Acacia farnesiana</i> (L.) Willd.	Cassia flower, Vilayati Kikar	AF	Many parts of India	Cultivated and Naturalized; yields a gum
23	<i>Acacia jacquemontii</i> Benth.	Kikar, Babul	AF	Arid & Semi-arid zones of northern and central India	Cultivated
24	<i>Acacia leucophloea</i> (Roxb.) Willd. var. <i>leucophloea</i>	White Babul	AF	Plains and dry forests in north, north-west, central and east India.	Multipurpose; yields tannin and gum
25	<i>Acacia mearnsii</i> de Wild.	Black Wattle	AF	Nilgiris , Western Ghats	Cultivated; yields tannin and gum
26	<i>Acacia nilotica</i> (L.) Delile subsp. <i>indica</i> (Benth.) Bernan	Babul	AF/FO	Arid & Semi-arid zones throughout India	Multipurpose tree, Wild and Cultivated
27	<i>Acacia senegal</i> (L.) Willd.	Gum Arabic	AF	Semi-arid regions of north, north -west India, Andaman Islands	Cultivated
28	<i>Acacia tortilis</i> (Forsk.) Hayne		FO	Rajasthan	Introduced; pods and leaves used as fodder; yield a gum
29	<i>Acampe praemorsa</i> (Roxb.) Blatter & McCann	Orchid	OR	Western Ghats	Medicinal

30	<i>Acer acuminatum</i> Wall. ex D.Don	Acer	AF	N.W.Himalayas	Wood
31	<i>Acer oblongum</i> Wall ex DC. var. <i>membranaceum</i> Banerji	WR Himalayan Mapple	AF	Shiwalik hills	Wood
32	<i>Acer oblongum</i> Wall ex DC. var. <i>microcarpum</i> Hiern	WR Himalayan Mapple	AF	Mishmi hills, Arunachal Pradesh.	Wood
33	<i>Acer sellowiana</i> (O. Berg) Burret	Pine apple guava	FR	Recent Introduction	Wild & Cultivated
34	<i>Acer sikkimense</i> Miquel var. <i>serrulatum</i> Pax.	WR Himalayan Mapple	AF	Mishmi hills, Arunachal Pradesh	Wood
35	<i>Aconitum deinorrhizum</i> Stapf	Aconite/ Safed bikh	MP	Along alpine slopes, Jammu & Kashmir, Himachal Pradesh in N.W.Himalayas.	Wild, a poison prepared from the root
36	<i>Aconitum falconeri</i> Stapf var. <i>falconeri</i>	Aconite/ Bis	MP	Himachal Pradesh in N.W.Himalayas	Wild, Ornamental
37	<i>Aconitum falconeri</i> Stapf var. <i>latilobum</i> Stapf	Aconite	MP	Himachal Pradesh	Wild, Ornamental
38	<i>Aconitum ferox</i> Wall. ex Ser.	Indian Aconite/ Bish	MP	Himalayan region	Wild; Root paste applied in rheumatism and neuralgia

39	<i>Aconitum heterophyllum</i> Wall. ex Royle	Aconite	MP	Himalayan Region	Wild; Valuable febrifuge and bitter tonic, non- poisonous
40	<i>Aconitum kashmiricum</i> Stapf ex Coventry	Aconite	MP	N.W. Himalayas	Wild
41	<i>Aconitum lethale</i> Griff.	Aconite	MP	Arunachal Pradesh	Herb, Bish poison of Mishmees
42	<i>Acorus calamus</i> L.	Sweet Flag, Bach	MP	In wet swampy places in many parts of India, from sea level to 2500 m	Wild & Cultivated
43	<i>Acrochaene punctata</i> Lindl	Orchid	OR	Sikkim	Ornamental
44	<i>Actinidia chinensis</i> Planch.	Gold Kiwifruit	FR	Temperate Himalayas	Introduced, Cultivated
45	<i>Actinidia strigosa</i> Hook.f. & Thomson	Wild Kiwi	FR	Sikkim	Genetic resource
46	<i>Adansonia digitata</i> L.	Baobab	AF	Southern Deccan Plateau	Introduced, Cultivated
47	<i>Aegilops tauschii</i> Cosson	WR Wheat	CE	Stony alpine habitat of North western Himalayas	Genetic resource
48	<i>Aegle marmelos</i> (L.) Correa ex Roxb.	Bael	FR/MP	Dry areas of Northern/ peninsular zone and also in Siwaliks	Wild and Cultivated

49	<i>Aerides williamsoni</i> Lindl.	Orchid	OR	Eastern Himalayas	Wild; Genetic resource
50	<i>Aerides crisa</i> Lindl.	Orchid	OR	Southern Western Ghats	Wild; Genetic resource
51	<i>Aerides emericii</i> Reichb.f.	Orchid	OR	Nicobar islands	Wild; Genetic resource
52	<i>Aerides maculosa</i> Lindl.	Orchid	OR	Western Ghats	Wild; Genetic resource
53	<i>Aerides odorata</i> Lour.	Orchid	OR	Eastern Himalayas	Wild; Genetic resource
54	<i>Aerides ringens</i> Lindl.	Orchid	OR	Western Ghats	Wild; Genetic resource
55	<i>Aerides rosea</i> Lodd.	Orchid	OR	Eastern Himalayas	Wild; Genetic resource
56	<i>Aesculus indicus</i> Coleb. ex Wall.	Himalayan Chestnut	FR/ MP	Himalayas at 900-3600m	Wood used for packing cases
57	<i>Aframomum melegueta</i> (Rosc.) K.Schum.	Melegueta Pepper	SP	Tropical region of India	Introduced and Cultivated
58	<i>Agathis robusta</i> (F.Muell.) F.M. Bailey	Agathis	AF	Mostly cultivated in Botanical Gardens	Introduced



59	<i>Agave americana</i> L.	American Aloe	FI	Many parts of India	Introduced, acclimatised; yields a strong and durable fibre
60	<i>Agave sisalana</i> Perr.	Sisal	FI	Many parts of India	Introduced, acclimatised; yields a strong and durable fibre
61	<i>Agrostis gigantea</i> Roth	Black bent grass	FO	North west India	Wild and Weedy, Genetic resource
62	<i>Agrostis munroana</i> Aitch.& Hemsl. subsp. <i>indica</i> Sunanda & Jain	WR Bent grass	FO	NW Himalayas	Genetic resource
63	<i>Agrostis peninsularis</i> Hook.f	WR Bent grass	FO	Nilgiris, Southern Western Ghats	Genetic resource
64	<i>Agrostis schmidii</i> (Hook.f.) C.E. Fischer.	WR Bent grass	FO	Nilgiris	Genetic resource
65	<i>Agrostophyllum myrianthum</i> King & Pantl	Orchid	OR	Sikkim	Wild; Genetic resource
66	<i>Ailanthus excelsa</i> Roxb.	Maharuk	AF/ MP	Many parts of India	Wood used for plywood and vineers; stem

					and root bark medicinal; leaves and shoots as fodder
67	<i>Ailanthus triphysa</i> (Dennst.) Alston	Guggul dhup	MP/AF	Tropical humid parts of India- Western Ghats	Wild and Planted; yields a resin
68	<i>Alangium salviifolium</i> Wangerin	Ankola	AF	The drier parts of India, in plains and foothills of southern India	A multipurpose plant
69	<i>Albizia amara</i> (Roxb.) B. Boivin	Oil Cake Tree	MP/FO	Many parts of India	Wild
70	<i>Albizia chinensis</i> (Osborne) Merr.	Madagascar albizi/ Siran	AF/FO	Many parts of India	Wild, Wood useful
71	<i>Albizia kalkora</i> (Roxb.) Prain	WR Albizia	AF	North-eastern Hills and Central Highlands	Wild, Genetic resource
72	<i>Albizia lebbek</i> (L.) Benth.	Siris tree	AF	Many parts of India	Wild and Cultivated
73	<i>Albizia orissensis</i> Sahnii & Bennet	Albizia	AF	Northern E .Ghats	Wild, Genetic resource
74	<i>Albizia procera</i> (Roxb.) Benth.	Silver Bark Rain Tree	AF/FO	Many parts of India	Wild, Genetic resource

75	<i>Albizia thompsonii</i> Brandis	WR Albizia	AF	Southern Western & Eastern Ghats	Wild, Genetic resource
76	<i>Albizia thompsonii</i> Brandis var. <i>galbana</i>	WR Albizia	AF	Eastern Ghats	Wild, endemic
77	<i>Allium altaicum</i> Pall	WR Onion	VE	Western Himalayas	Semi-domesticated
78	<i>Allium ampeloprasum</i> L.	Leek	VE	Western Himalayas	Genetic resource
79	<i>Allium ascalonicum</i> L.	Shellot	VE	Many parts of India	Cultivated
80	<i>Allium carolinianum</i> DC.	WR Garlic	WR	Central Asia to West Himalayas	Genetic resource
81	<i>Allium cepa</i> L.	Onion	VE	Many parts of India	Cultivated
82	<i>Allium cernuum</i> Roth.	WR Onion	VE	Western Himalayas (Uttarakhand)	Genetic resource
83	<i>Allium chinense</i> G Don.	WR Onion	VE	Western Himalayas and Khasi hills	Genetic resource
84	<i>Allium chitralicum</i> FT. Wang & Tang	WR Garlic	WR	N.W. Himalayas	Genetic resource
85	<i>Allium fistulosum</i> L.	WR Onion	VE	Western Himalayas	Semi-domesticated; substitute for leek, used in salads
86	<i>Allium gilgiticum</i> FT. Wang & Tang	WR Garlic	WR	N.W.Himalayas	Genetic resource
87	<i>Allium griffithianum</i> Boiss.	WR Onion	VE	East Himalayas & Khasi hills	Wild and Cultivated

88	<i>Allium humile</i> Kunth	WR Onion	SP	Western Himalayas	Genetic resource
89	<i>Allium hypsistum</i> Stearn	WR Garlic	WR	C. Nepal and East Himalayas	Genetic resource
90	<i>Allium macleanii</i> Baker	WR Onion (Baadsah Salap)	VE	Jammu Kashmir & Himachal Pradesh	Genetic resource
91	<i>Allium porrum</i> L.	Winter leek	VE	Western Himalayas	Genetic resource
92	<i>Allium pratti</i> Wright	WR Garlic	WR	C. Himalayas	Genetic resource
93	<i>Allium rhabdotum</i> Stearn	Wild Garlic	WR	Sikkim	Genetic resource
94	<i>Allium roylei</i> Stearn.	WR Onion	SP	NW Himalayas	Genetic resource
95	<i>Allium rubellum</i> M. Bieb.	WR Onion	SP	Western Himalayas, Kashmir to Kumaon, Up to 2400 m	Genetic resource
96	<i>Allium sativum</i> L.	Garlic	SP	Many parts of India	Cultivated
97	<i>Allium schoenoprasum</i> L.	Chives	VE	Western Himalayas, Kashmir to Kumaon, Up to 2400 m	Wild and cultivated; Genetic resource
98	<i>Allium senescens</i> L.	WR Onion	VE	North Western Himalayas	Genetic resource
99	<i>Allium sikkimense</i> Baker	Wild Garlic	WR	Central Himalayas, Sikkim	Genetic resource
100	<i>Allium stracheyi</i> Baker	WR Onion	VE/ SP	North Western Himalayas	Genetic resource

101	<i>Allium tuberosum</i> Rottl. ex Spreng.	Chives	VE	Western Himalayas to north-eastern hills, Up to 1800 m	Wild and Cultivated
102	<i>Allium wallichii</i> Kunth	WR Onion	SP	Alpine Himalayas from Kashmir to Sikkim and Meghalaya	Genetic resource
103	<i>Alocasia acuminata</i> Schott.	Wild Giant Taro	WR	Assam to Indo- China	Genetic resource
104	<i>Alocasia cucullata</i> (Lour.) G. Don	Giant taro	TC	Western Ghats	Food
105	<i>Alocasia indica</i> Schott	Giant Taro	TC/VE	Assam, Bengal plains & Peninsular India	Cultivated
106	<i>Alocasia macrorrhizos</i> (L.) G. Don f.	Giant taro	TC/VE	North eastern Himalayas & Peninsular India	Cultivated
107	<i>Aloe barbadensis</i> Mill.	Barbados Aloe	MP	Deccan Peninsula & Western Ghats	Cultivated; Naturalized; Used in cosmetics
108	<i>Alpinia calcarata</i> Rosc	WR Galanga	MP	Western & Eastern Ghats	Wild and Cultivated
109	<i>Alpinia galanga</i> (L.) Sw.	Greater Galanga	MP	North- east & Southern peninsular India and the Himalayas	Wild and Cultivated

110	<i>Alpinia malaccensis</i> (Burm. f.) Roscoe	WR Galanga	MP	N.E India to south east Asia	Wild and cultivated; rhizomes yield essential oil
111	<i>Alpinia zerumbet</i> (Pers.) B. L. Burt & R. M. Sm. syn <i>Alpinia speciosa</i> (J.C. Wendl.) K. Suhum	Galangal/ Light Galangal	SP	North-eastern India/ East Himalyas	Wild and Cultivated; Rhizomes are substitute for ginger
112	<i>Alstonia scholaris</i> R.Br.	Dita bark	SP	Tropical and subtropical forests throughout India	Grown as avenue trees
113	<i>Alstonia venenata</i> R.Br.	Alstonia	AF/MP	Tropical and subtropical forests through out India	Wild & Cultivated
114	<i>Alysicarpus monilifer</i> (L.) DC.	Chatta-ki- Ghas	FO/MP	Peninsular India, Central India, Indo- gangetic plains, Foot hills of Himalayas	Wild
115	<i>Alysicarpus monilifer</i> (L.) DC. var. <i>venosa</i> Blatt. & Hallb		OR/FO	Jaisalmer in western Rajasthan	Wild & Cultivated
116	<i>Alysicarpus vaginalis</i> (L.) DC.	Alysicarpus	FO	Many parts of India	Wild & Cultivated
117	<i>Amaranthus blitum</i> L.	Purple Amaranth	PC	Many parts of India	Weed

118	<i>Amaranthus caudatus</i> L.	Foxtail Amaranth	PC	Many parts of India	Weed, Cultivated
119	<i>Amaranthus cruentus</i> Willd ex Roxb	Red Amaranth	PC	Many parts of India	Cultivated
120	<i>Amaranthus dubius</i> Mart. ex Thell.	Spleen Amaranth	PC	Eastern Ghats	Introduced and Naturalized ; Genetic resource
121	<i>Amaranthus hybridus</i> L.	Green Amaranth/ Hybrid Amaranth	PC	Many parts of tropical India	Cultivated; Naturalized
122	<i>Amaranthus hypocondriacus</i> L.	Princes Feather; Ramdana	PC	Many parts of India	Cultivated; Naturalized
123	<i>Amaranthus paniculatus</i> L.	Amaranth	PC	Many parts of India	An escape from cultivation
124	<i>Amaranthus spinosus</i> L.	Spiny Amaranth	PC	Many parts of India	Weed in fallows
125	<i>Amaranthus tenuifolius</i> Willd.	Amaranth	VE	Eastern Ghats	Weed & Cultivated
126	<i>Amaranthus tricolor</i> L. syn <i>Amaranthus gangeticus</i> L., <i>Amaranthus mangostanus</i> L., <i>A. polygamus</i> L	Chinese Amaranth	PC	Many parts of India	In warmer regions

127	<i>Amaranthus viridis</i> L.	Green Amaranth	PC	Many parts of India	Cultivated
128	<i>Ammi majus</i> L.	Honey plant	SP	West Himalayas	Cultivated
129	<i>Ammi visnaga</i> (L.) Lam	Honey plant	SP	Many parts of India	Cultivated
130	<i>Amomum aromaticum</i> Roxb.	Bengal cardamom	SP	East Himalayas & lower Gangetic plains	Wild and cultivated
131	<i>Amomum cannaecarpum</i> (Wight) Benth.	Wild Amomum	SP	Western Ghats	Wild; Genetic resource
132	<i>Amomum corynostachyum</i> Wall.	Wild Amomum	WR	Assam to Myanmar	Wild; Genetic resource
133	<i>Amomum fulviceps</i> Thwaites	Wild Amomum	WR	Sri Lanka	Wild; Genetic resource
134	<i>Amomum maximum</i> Roxb. syn <i>A. dealbatum</i> Roxb.	Wild Amomum	WR	Tropical and subtropical Asia	Wild; Genetic resource
135	<i>Amomum muricatum</i> Bedd.	Wild Amomum	WR	S. India	Wild; Genetic resource
136	<i>Amomum pterocarpum</i> Thwaites syn <i>A. microstephanum</i> Baker	Wild Amomum	WR	S. India, Sri Lanka	Wild; Genetic resource
137	<i>Amomum subulatum</i> Roxb.	Cardamom (greater)	SP	Eastern Himalayas	Under growth in evergreen forests; also Cultivated



138	<i>Amorphophallus bonocordensis</i> Sivadasan & Mohanan	WR Elephant foot yam	TC	Western Ghats (Agasthyamalai hills)	Genetic resource
139	<i>Amorphophallus bulbifer</i> (Roxb.) Blume	Voodoo Lily, WR Elephant foot yam	TC	North Eastern Himalayas, peninsular India & Western Ghats	Genetic resource
140	<i>Amorphophallus commutatus</i> (Schott) Engl.	WR Elephant foot Yam	TC	Southern western Ghats	Genetic resource
141	<i>Amorphophallus hohenakeri</i> (Schott.) Engl. & Gehrm.	WR Elephant foot yam	Tubers	S.W. India	Genetic resource
142	<i>Amorphophallus konkanensis</i> Hett., S.R. Yadav & K.S. Patil	WR Elephant foot yam	Tubers	Northern W.Ghats ( Konkan)	Genetic resource
143	<i>Amorphophallus longistylus</i> Kurz ex Hook. f.	WR Elephant foot yam	Tubers	S. Andaman Is.	Genetic resource
144	<i>Amorphophallus muelleri</i> Blume	WR Elephant foot yam	Tubers	North East India to W. Malesia	Genetic resource

145	<i>Amorphophallus mysorensis</i> E. Barnes & C.E.C. Fisch	WR Elephant foot yam	Tubers	India (S. Karnataka: Billigirirangan Hills)	Genetic resource
146	<i>Amorphophallus nicolsianus</i> Sivadasan	WR Elephant foot yam	Tubers	Southern W.Ghats	Genetic resource
147	<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicolson syn. <i>Amorphophallus campanulatus</i> Decne.	Elephant foot yam	TC/VE	Tropical India	Cultivated, Wild in Western Ghats
148	<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicolson var. <i>campanulatus</i> (Decne.) Sivad. syn <i>Amorphophallus campanulatus</i> Decne.	WR Elephant foot yam	Tubers	South & N.E.India	Genetic resource
149	<i>Amorphophallus smithsonianus</i> Sivadasan	WR Elephant foot yam	Tubers	S.W. India	Fruits and seeds medicinal
150	<i>Amorphophallus sylvaticus</i> (Roxb.) Kunth.	WR Elephant foot yam	TC	Western Ghats	Genetic resource; Fruits and seeds medicinal

151	<i>Ampelocissus araneosa</i> (Dalz) Planchon ex Gamble syn. <i>Vitis araneosus</i> Dalz. & Gibs.	WR Grape	FR	Eastern Ghats, Western Ghats	Genetic resource
152	<i>Ampelocissus tomentosa</i> (Heyne ex Roth) Planchon syn. <i>Vitis tomentosa</i> Heyne ex Roth	WR Grape	FR	Peninsular India, Gangetic Plains	Wild, fruits edible
153	<i>Anacardium occidentale</i> L.	Cashew nut	CC	Coastal zone	Cultivated
154	<i>Androcorys gracilis</i> (King & Pantl.) Schltr	Orchid	OR	Sikkim Himalayas	Wild
155	<i>Andrographis nallamalayana</i> J. L. Ellis	WR Kalmegh	MP	Nallamalais of Kurnool district in Eastern Ghats	Wild
156	<i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees	Kalmegh	MP	Many parts of India	Wild and Cultivated
157	<i>Andrographis serpyllifolia</i> (Rottler ex Vahl) Wight	WR Kalmegh	MP	Southern Western Ghats	Wild
158	<i>Andropogon gayanus</i> Kunth	Tambuki grass	FO/MP	Arid and semi-arid zones	Introduced and Cultivated
159	<i>Andropogon pumilus</i> Roxb.		FO	Plains of Malwa Plateau and Central Highlands	Forage

160	<i>Anethum graveolens</i> L. syn. <i>A. sowa</i> Kurz	Indian dill	SP	Many parts of India	Cultivated
161	<i>Angelica archangelica</i> L. Engl., syn. <i>Archangelica officinalis</i> Hoffm.	Angelica	SP	Western Himalayas	Leaves for flavour
162	<i>Anisochilus carnosus</i> Wall	Anisochilus	MP	Western Himalayas	Wild
163	<i>Annanas comosus</i> (L.) Merr.	Pineapple	FR	Tropical India	Introduced
164	<i>Annona cherimola</i> Mill.	Cherimoyer	FR	Western Ghats	Wild
165	<i>Annona glabra</i> L.	WR Custard apple/ Alligator Apple	FR	Many parts of India	In swamps
166	<i>Annona muricata</i> L.	Sour sop	FR	Southern/ Peninsular India and Assam	Cultivated
167	<i>Annona reticulata</i> L.	Bullock's Heart	FR	Peninsular and eastern Indian plains	Cultivated
168	<i>Annona squamosa</i> L.	Custard apple	FR	Many parts of India	Cultivated
169	<i>Anoectochilus brevilabris</i> Lindl.	Orchid	OR	Sikkim Himalayas	Wild
170	<i>Anoectochilus nicobaricus</i> Balakr. & Chakrb.	Orchid	OR	Nicobar islands	Wild

171	<i>Anogeissus latifolia</i> (Roxb.) Bedd.	Anogeissus	AF	Many parts of India	Wild and cultivated; yields a medicinal gum
172	<i>Anogeissus pendula</i> Edgew.	Anogeissus	AF	North- west and Central India	Cultivated
173	<i>Anogeissus sericea</i> Brandis var. <i>nummularia</i> King ex Duthie	Anogeissus	AF	Western Rajasthan	Wild
174	<i>Anthogonium gracile</i> Wall.ex.Lindl.	Orchid	OR	Eastern Himalayas	Wild
175	<i>Aphyllorchis alpina</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild
176	<i>Apium graveolens</i> L.	Celery	SP	Gangetic plains	Cultivated
177	<i>Apluda mutica</i> L.		FO	Many parts of India	Wild
178	<i>Arachis glabrata</i> Benth. var. <i>hagenbeckii</i> (Kuntze) F.J. Herm	WR Groundnut	FO	Southern Peninsular India	Introduced
179	<i>Arachis hypogaea</i> L.	Groundnut	OS	Many parts of India	Cultivated
180	<i>Areca catechu</i> L.	Arecanut	CC	Coastal zone & Southern Deccan Plateau & North- east India	Cultivated
181	<i>Areca nagensis</i> Griff	WR Arecanut	CC	Nagaland	Masticatory
182	<i>Areca triandra</i> Roxb. ex Buch.-Ham.	WR Arecanut	CC	Eastern Himalayas, Island eco-region	Genetic resource

183	<i>Arenga pinnata</i> (Wumb.) Merr.	Sugar palm	W	Southern peninsular India	Cultivated
184	<i>Arenga wightii</i> Griff.	Arenga	OR	Southern western Ghats	Wild; Fermented drink
185	<i>Argyreia sikkimensis</i> (Clarke) Oostat		MP	Sikkim Himalayas.	Wild
186	<i>Arnebia hispidissima</i> (Sieber ex Lehm.) DC.	Ratanjot	MP	Dry parts of North India	Roots yield dye
187	<i>Artemisia japonica</i> Thunb.		MP/FO	Himalayas	Wild
189	<i>Artemisia maritima</i> Thunb.	Sea- worm wood	MP	Western Himalayas	Wild and Cultivated
190	<i>Artemisia pallens</i> Wall. ex DC.	Davana	MP	Southern Deccan Plateau	Cultivated
191	<i>Arthraxon deccanensis</i> Jain	WR Carpgrass	FO	Leeward Deccan Plateau	Wild; Genetic resource
192	<i>Arthraxon inermis</i> Hook.f. var. <i>tzvelevii</i> Jain	Carpgrass	FO	Leeward Deccan Plateau	Wild; Genetic resource
193	<i>Artocarpus altilis</i> (Park.) Fosberg	Breadfruit	FR	Tropical India	Introduced & Cultivated
194	<i>Artocarpus chama</i> Buch. Ham. syn <i>A. chaplasha</i> Roxb.	WR Jack fruit	FR	Eastern Himalayas, Andaman Island	Genetic resource
195	<i>Artocarpus gomeziana</i> Wall. ex Trec.	WR Jack fruit	FR	Andman & Lakshadweep Islands	Genetic resource

196	<i>Artocarpus heterophyllus</i> Lam.	Jack fruit	FR	Western Ghats, Gangetic plains and NE India	Wild and Cultivated
197	<i>Artocarpus hirsutus</i> Lamk.	WR Jack fruit	FR	Western Ghats, Karnataka, Kerala, Maharashtra, Tamil Nadu	Timber; Wild and planted
198	<i>Artocarpus lakucha</i> Buch.-Ham	Monkey jack	FR	Western Himalayas, NE India and Peninsular India	Wild; Genetic resource
199	<i>Arundina graminifolia</i> (D.Don) Hochr.	Orchid	OR	Eastern Himalayas & Southern Western Ghats	Wild
200	<i>Arundinaria densifolia</i> Munro	Orchid	FO	Southern W. Ghats	Wild
201	<i>Asimina triloba</i> (L.) Dunal	Pawpaw	FR	Recent Introduction	Introduced
202	<i>Asparagus adscendens</i> Roxb.	Satawar	MP	Many parts of India	Wild and Cultivated
203	<i>Asparagus curillus</i> Buch. Ham. ex Roxb.	Wild Satawar	M	W.C. & C. Himalaya	Wild
204	<i>Asparagus fysonii</i> Macbryde	Satawar	MP	Southern W. Ghats	Wild
205	<i>Asparagus racemosus</i> L.	Satawar	OR	Many parts of India	Wild and Cultivated
206	<i>Asparagus rottleri</i> Baker	Satawar	MP	Leeward Semi-arid Deccan plateau	Tuber, coolant
207	<i>Asparagus sarmentosus</i> L.	Wild Satawar	MP	Subtropical India	Fleshy roots aphrodisiac

208	<i>Astragalus candolleanus</i> Benth.	Rudrawanti	MP/FO	North West Himalayas	Wild
209	<i>Atriplex hortensis</i> L.	Atriplex	FO/VE	West and East Himalayas	Wild
210	<i>Atropa acuminata</i> Royle	Indian Belladonna	MP	Jammu & Kashmir, Himachal Pradesh in N.W.Himalayas.	Wild and cultivated
211	<i>Atropa belladonna</i> L.	Belladonna, Deadly nightshade	MP	Northwest Himalayas	Wild and Cultivated
212	<i>Avena barbata</i> Pott. ex Link.	WR Oat	CE	Northwest Himalaya	Genetic resource
213	<i>Avena fatua</i> L.	WR Oat	FO	Northwest Himalayas	Weedy type
214	<i>Avena ludoviciana</i> Dur.	Oat	CE	Kumaon Himalayas	Cultivated
215	<i>Avena sativa</i> L.	Oat	CE	North India	Cultivated
216	<i>Averrhoa bilimbi</i> L.	Bilimbi	FR	Peninsular India, North-East India, Andaman Islands	Cultivated and naturalized
217	<i>Averrhoa carambola</i> L.	Carambola	FR	Peninsular India, North-East India and the Islands	Cultivated and naturalized
218	<i>Azadirachta indica</i> A. Juss.	Neem	AF/MP	Tropical and subtropical parts of India	Multipurpose tree
219	<i>Baccaurea courtallensis</i> (Wight) Muell-Arg	S.Indian Kathaphal	FR	Southern Peninsular India	Wild & cultivated



220	<i>Baccaurea ramiflora</i> Lour.	Kathaphal	FR	North East India and Orissa	Wild & cultivated
221	<i>Bacopa monnieri</i> (L.) Pennell	Bacopa, moneywort, adha- birni, brahmi, safed chamni	MP	Throughout wet humid regions of India	Widely exploited as memory enhancer in several herbal drugs
222	<i>Balanites roxburghii</i> Planch. syn. <i>B. aegyptiacus</i> Delile	Hingoli	AF	Drier parts of India	Source of Diosgenin
223	<i>Bambusa balcooa</i> Roxb.	Bamboo	CC	North East India, West Bengal, Bihar, Jharkhand and Uttarakhand, up to 600 m	Used in house construction
224	<i>Bambusa bambos</i> ( L.) Voss. syn <i>Bambusa arundinacea</i> (Retz.) Willd.	Bamboo	CC	Moist deciduous forests, up to 1000 m	Wild & Cultivated, Raw material for pulp and paper
225	<i>Bambusa cacharensis</i> R.Majumdar	Bamboo	CC	Assam	Wild
226	<i>Bambusa nutans</i> G. C. Wall. ex Munro	Bamboo	CC	North East, Orissa and Bengal, at altitudes of 500-1500 m	Cultivated, Used in house construction, basketry and craft
227	<i>Bambusa pallida</i> Munro	Bamboo	CC	Arunachal Pradesh, Meghalaya, Sikkim, West Bengal	Cultivated, for making baskets and mats

228	<i>Bambusa polymorpha</i> Munro	Bamboo	CC	Arunachal Pradesh, Meghalaya, Tripura.	Wild; tender shoot edible, pulping and for house construction
229	<i>Bambusa pseudopallida</i> R.Majumdar	Bamboo	CC	Khasia –Jaintia hills, Meghalaya	Wild
230	<i>Bambusa tulda</i> Roxb.	Bamboo	CC	North East and West Bengal	Wild and Cultivated; used in basketry and weaving
231	<i>Bambusa vulgaris</i> Schrad. ex J.C. Wendl.	Bamboo	CC	In natural forests in Central and North East India.	Used for paper-making, decorative items and handicrafts.
232	<i>Barleria cristata</i> L.	Blue bell barleria Philippine-violet	MP	Peninsular India	Cultivated, Leaves and roots used in cough and inflammations
233	<i>Barleria prionitis</i> L. subsp. <i>dicantha</i> Blatt. & Hallb	Vajradanti	MP	Rajasthan	Wild
234	<i>Barringtonia acutangula</i> Blume	Ingar	AF	Many parts of India	Timber & fuel wood

235	<i>Barringtonia racemosa</i> Roxb	Samudra-phala	AF	West coast	Bark insecticidal, used in organic farming
236	<i>Basella alba</i> L	Indian Spinach	VE	Many parts of India	Cultivated
237	<i>Basella rubra</i> L	Indian Spinach	VE	Many parts of India	Cultivated
238	<i>Bauhinia acuminata</i> L.	White Dwarf Bauhinia	AF	Widely cultivated and naturalized in several States in India	Medicinal, coolant, flowers eaten
239	<i>Bauhinia nicobarica</i> (Balakr. & Thoth.) Bennet	Bauhinia	OR	Nicobar islands	Young shoots and leaves eaten
240	<i>Bauhinia purpurea</i> L.	Bauhinia	AF	Almost all States in India.	Wild and Cultivated; Introduced in Andaman & Nicobar Islands
241	<i>Bauhinia racemosa</i> Lam.	Bauhinia	AF	Many parts of India	Cultivated
242	<i>Bauhinia tomentosa</i> L.	Bauhinia	AF	Many parts of India	Cultivated, Yellow bell

243	<i>Bauhinia vahlii</i> Wight & Arn.	Bauhinia	AF	Tropical and subtropical forests throughout India	Camel's Foot Climber
244	<i>Bauhinia variegata</i> L.	Bauhinia	AF	Many parts of India	Cultivated, Variegated
245	<i>Benincasa hispida</i> (Thunb.) Cogn.	Ash Gourd	VE	Northern plains	Cultivated
246	<i>Benthamidia capitata</i> (Wall.) H. Hara. syn <i>Cornus capitata</i> Wall.	Evergreen Dogwood	OR	Himalayan region	Wild
247	<i>Berberis aristata</i> DC.	Daru haridra	MP	NW Himalayas & Sikkim Himalayas	Wild
248	<i>Berberis asiatica</i> DC.	Barberry	MP	NW Himalayas & NE India	Wild
249	<i>Berberis chitria</i> Lindl.	Salmon barberry	AF	Uttarakhand, NW Himalaya	Wild
250	<i>Berberis feddii</i> Ahrendt	Barberry	MP	Manipur	Wild
251	<i>Berberis lycium</i> Royle	Indian Barberry	MP	NW Himalayas, Madhya Pradesh	Wild; Main ingredient of Rasout
252	<i>Berberis micropetala</i> Schneider	Barberry	MP	Nagaland	Wild
253	<i>Berberis sublevis</i> W.W.Smith	Barberry	MP	Manipur & Meghalaya	Wild
254	<i>Berberis tinctoria</i> Leschen	Barberry	MP	Tamil Nadu (Nilgiris)	Cultivated

255	<i>Berberis wardii</i> Schneider	Barberry		Nagaland	Wild and cultivated
256	<i>Bergenia ligulata</i> Engl.	Patherchuri	MP	Himalayan region	Skin treatment
257	<i>Beta vulgaris</i> L.	Sugarbeet	VE	Temperate Himalayas	Introduced, cultivated
258	<i>Beta vulgaris</i> L. subsp. <i>maritima</i> (L.) Arcang. syn <i>Beta vulgaris</i> L. var. <i>orientalis</i> (Roth) Moq.	Sea beet, palangsag, palanki	TC	Temperate Himalayas	Introduced, cultivated
259	<i>Betula utilis</i> D. Don	Birches; Bhojapatra	AF/MP	Throughout Himalayas, at 3000-4000m	Bark is most valuable
260	<i>Biermannia bimaculata</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild
261	<i>Biermannia jainiana</i> Hegde & A.N. Rao	Orchid	OR	Arunachal Pradesh	Wild
262	<i>Bixa orellana</i> L.	Latkan	OT	Hotter parts of India	Cultivated
263	<i>Boehmeria macrophylla</i> Hornem.	African jalanette	FI	Gangetic plains of Uttar Pradesh and Bihar	Fibres used for cordage and fishing nets
264	<i>Boehmeria malabarica</i> Wedd.	Chinese silk plant	FI	Several parts of India, Upto 1500 m	Wild & Cultivated

265	<i>Boehmeria nivea</i> (L.) Gaud.	Chinese silk plant	FI	Several parts of India	Cultivated
266	<i>Boehmeria platyphylla</i> D.Don	Chinese silk plant	FI	Several parts of India	Cultivated
267	<i>Bombax ceiba</i> L. syn <i>B. malabaricum</i> DC.	Bombax	CO	Many parts of India	Wild & Cultivated
268	<i>Bombax insigne</i> Wall.	Bombax	CO	Tropical deciduous forests	Cheap timber, Paper pulp, match stick
269	<i>Bombax insigne</i> Wall. var. <i>andamanica</i> Prain	Bombax	CO	Andaman islands	Soft wood
270	<i>Bombax insigne</i> Wall. var. <i>polystemon</i> Prain	Bombax	CO	Andman island (Narcondam)	Soft wood
271	<i>Borassus flabellifer</i> L.	Palmyra palm	FR	Eastern Peninsular India and semidry districts of W. Bengal	Used for Toddy, Candy, Jaggery (Multipurpose)
272	<i>Boswellia ovalifoliolata</i> Balakr. & A.N. Henry	Boswellia	CO	Endemic to Eastern Ghats	Wild
273	<i>Boswellia serrata</i> Roxb.ex colebr. syn <i>B. glabra</i> Roxb.	Olibanum Tree	MP	Most dry forests of India	Timber
274	<i>Bothriochloa pertusa</i> (L.) A.Camus	Pitted blue grass	FO	Semi-arid zones	Wild

275	<i>Brachiaria mutica</i> (Forsk.) Stapf.	Buffalo grass	FO	Many parts of India	Cultivated
276	<i>Brachiaria ramosa</i> (L.) Stapf	Browntop millet	FO	Many parts of India	Wild and Cultivated in some parts
277	<i>Brassica carinata</i> A. Braun	Abyssinian mustard	OS	North India	Introduced
278	<i>Brassica caulorapa</i> Pasq.	Knol rabi	VE	Many parts of India	Introduced, cultivated in winter
279	<i>Brassica juncea</i> (L.) Czern. & Coss.	Indian mustard	OS	Plains and lower hills	Cultivated
280	<i>Brassica juncea</i> subsp. <i>integrifolia</i> (West) Thell. var. <i>rugosa</i> (Roxb.) Tsen. & Lee	Mustard	OS	Plains and lower hills	Cultivated
281	<i>Brassica napus</i> L.	Rape seed	OS	Cultivated in Punjab and Gangetic Plains	Cultivated
282	<i>Brassica nigra</i> (L.) Koch.	Black mustard	OS	Several parts of India	Introduced; Cultivated in winter
283	<i>Brassica oleracea</i> L.	Knol-khol	VE	Temperate areas	Recent introduction
284	<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Cauliflower	VE	Many parts of India	Cultivated

285	<i>Brassica oleracea</i> var. <i>capitata</i> (L.) DC.	Cabbage	VE	Many parts of India	Cultivated
286	<i>Brassica oleracea</i> var. <i>gemmifera</i> Zenker	Brussels sprouts	VE	Many parts of India	Cultivated
287	<i>Brassica oleracea</i> L. var. <i>gongylodes</i> L.	Cabbage turnip, Kohlrabi , stem turnip	VE	North SW and C. India, Assam	Cultivated
288	<i>Brassica oleracea</i> L. var. <i>italica</i> Plenck	Broccoli	VE	Temperate areas	Cultivated
289	<i>Brassica napus</i> subsp. <i>napus</i> var. <i>quadrivalvis</i> (Hook. f. & Thom.) O. Schulz	Oilseed raped	OS Gangetic Plains	Upper Gangetic plains	Cultivated
290	<i>Brassica rapa</i> L. subsp. <i>chinensis</i> (L.) Hanelt var. <i>purpurea</i> L.H. Belly & Ketam	Chinese cabbage	VE	Many parts of India	Introduced, cultivated in winters
291	<i>Brassica rapa</i> L. subsp. <i>rapa</i>	Turnip	OS	Many parts of India	Cultivated
292	<i>Brassica rapa</i> L. subsp. <i>campestris</i> (L.) A.R Clapham	Annual Turnip	OS	Many parts of India	Cultivated
293	<i>Brassica tournefortii</i> Gouan	Mustard	OS	Western India, semi-dry plains	Cultivated
294	<i>Bridelia retusa</i> A. Juss.	Ikdania	AF	Deciduous forests in many parts of India	Associated with Sal forests, Timber



295	<i>Bridelia stipularis</i> Blume	Bridelia	AF	Foothills of Himalayas	Bark medicinal, fruits edible
296	<i>Broussonetia papyrifera</i> (L.) Vent.	Paper mulberry	FI	Many parts of India	Introduced, Paper pulp
297	<i>Bryonopsis laciniosa</i> L.	Cucurbit	VE	Many parts of India	Cultivated in warmer parts
298	<i>Buchanania axillaris</i> (Desr.) T. P. Ramamoorthy	Cuddapah almond	FR	Dry deciduous forests	Wild
299	<i>Buchanania lanzan</i> Spreng.	Chironji	FR	Dry deciduous forests, mostly in peninsular India	Wild & Cultivated
300	<i>Bulbophyllum acutifolium</i> A.Rich.	Orchid	OR	Southern Western Ghats	Wild & Cultivated
301	<i>Bulbophyllum cornu-cervi</i> King & Pantl.	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
302	<i>Bulbophyllum ebulbum</i> King & Pantl.	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
303	<i>Bulbophyllum ebulepharum</i> Reichb.f.	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
304	<i>Bulbophyllum fuscopurpureum</i> Wight	Orchid	OR	Western Ghats	Wild & Cultivated
305	<i>Bulbophyllum gamblei</i> (Hook.f.) Hook.f	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
306	<i>Bulbophyllum obrienianum</i> Rolfe	Orchid	OR	Arunachal Pradesh	Wild & Cultivated

307	<i>Bulbophyllum piluliferum</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
308	<i>Bulbophyllum protractum</i> Hook.f.	Orchid	OR	Andaman islands	Wild & Cultivated
309	<i>Bulbophyllum sikkimensis</i> (King & Pantl.) J.J.Sm	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
310	<i>Bulbophyllum thomsonii</i> Hook.f.	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
311	<i>Bupleurum andhricum</i> Nayar & Ban.		MP	Ganjam in Northern E Ghats	Wild
312	<i>Bupleurum khasianum</i> (CI.) P. K. Mukh.		MP	Khasia-Jaintia hills	Wild
313	<i>Bupleurum sikkimense</i> P.K.Mukh.		SP/MP	Sikkim Himalayas	Wild
314	<i>Butea monosperma</i> (Lam.) Taub.	Flame of the Forest	AF	Tropical and subtropical forests throughout India	Wild and Cultivated
315	<i>Caesalpinia bonduc</i> (L.) Roxb.	Bonduc	MP	Tropical and subtropical regions throughout India, Andaman and Nicobar islands, Lakshadweep	Wild and Cultivated
316	<i>Caesalpinia crista</i> L.	Cadoque	AF	Many parts of India	Introduced and Cultivated
317	<i>Caesalpinia decapetala</i> (Roth) Alston	Cats's claw	AF	Dry forests in north & north- east India, central India, Deccan Plateau	Wild

318	<i>Caesalpinia pulcherrima</i> (L.)Swartz	Barbados' Pride	AF/OR	Throughout tropical India	Introduced and Naturalized
319	<i>Caesalpinia sappan</i> L.	Mysore thorn	AF	Deccan Peninsula and Eastern plains	Wild and Cultivated
320	<i>Cajanus acutifolius</i> (F. Muell.) Maesen syn. <i>Atylosia acutifolia</i> F. Muell., <i>Rhynchosia acutifolia</i> F.v. Muell. ex Benth.	WR Pigeon Pea	GL	Introduced for Breeding	Introduced
321	<i>Cajanus albicans</i> (Wight & Arn.) Maesen	WR Pigeonpea	GL	Semi-arid regions of north-west, central India and east and west coasts	Genetic resource
322	<i>Cajanus cajan</i> (L.) Millsp	Pigeonpea	GL	Perhaps originated in India (Eastern Ghats). Now cultivated all over India	Genetic resource
323	<i>Cajanus cajanifolius</i> (Haines) Maesen	WR Pigeonpea	GL	Andhra Pradesh, Orissa, Bihar, Madhya Pradesh, Meghalaya, Tamil Nadu	Genetic resource
324	<i>Cajanus candollei</i> Wight & Arn.	WR Pigeonpea	GL	Nilgiris	Genetic resource
325	<i>Cajanus elongatus</i> (Benth.) Maesen	WR Pigeonpea	WR	Assam, Meghalaya, Himachal Pradesh, Delhi, J & K, Uttaranchal, West Bengal	Genetic resource

326	<i>Cajanus grandiflorus</i> (Benth. ex Baker) Maesen	WR Pigeonpea	WR	Manipur, Nagaland, West Bengal, Sikkim, U.P.	Genetic resource
327	<i>Cajanus lineatus</i> (Wight & Arn.) Maesen	WR Pigeonpea	GL	Western Ghats mountains; Maharashtra, Goa, Karnataka, Tamil Nadu, Kerala.	Genetic resource
328	<i>Cajanus mollis</i> (Benth.) Maesen	WR Pigeonpea	WR	Arunachal Pradesh, Himachal Pradesh, Meghalaya, Sikkim, Uttar Pradesh	Genetic resource
329	<i>Cajanus platycarpus</i> (Benth.) Maesen	WR Pigeonpea; Sukhi Sengha	GL	Semi-arid and dry forests from Jammu to Bihar , Orissa and to Dadra & Nager Haveli, Daman & Diu, Gujarat, Rajasthan.	Genetic resource
330	<i>Cajanus scarabaeoides</i> (L.) Thours	WR Pigeonpea; Jungli Tor	GL	Many parts of India , Upto 1800 m in Himalayas	Genetic resource
331	<i>Cajanus sericeus</i> (Baker) Maesen	WR Pigeonpea	GL	Semi-arid zones of Gujarat, Rajasthan, Maharashtra, Goa, Orissa, Madhya Pradesh and also in Arunachal Pradesh	Genetic resource
332	<i>Cajanus volubilis</i> (Blanco) Blanco syn <i>C. crassa</i>	WR Pigeonpea	GL	Northeast zone, Southern Deccan plateau	Genetic resource
333	<i>Calamus andamanicus</i> Kurz	WR Raltam	CC	Andaman & Nicobar islands	Genetic resource

334	<i>Calamus brandisii</i> Becc & Hook.f.	Wild Rattan	CC	Southern Western Ghats	Building material, construction & cottage Industry
335	<i>Calamus rotang</i> L.	Rattan cane	CC	Tropical India	Cottage Industry
336	<i>Calanthe chloroleuca</i> Lindl.	Orchid	OR	Sikkim Himalayas	Wild
337	<i>Calanthe herbacea</i> Lindl.	Orchid	OR	Sikkim Himalayas	Wild
338	<i>Calanthe mannii</i> Hook.f	Orchid	OR	Himalayan region	Wild
339	<i>Calanthe masuca</i> (D.Don) Lindl.	Orchid	OR	Eastern Himalayas	Wild
340	<i>Calanthe whiteana</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild
341	<i>Calendula arvensis</i> L.	Calendula	OR/MP	Temperate India	Introduced
342	<i>Calendula officinalis</i> L.	Pot marigold	OR	Many parts of India	Cultivated, Ayurvedic herb used for colouring food
343	<i>Callicarpa macrophylla</i> Vahl.	Urn-Fruit Beauty Berry	AF/MP	Lower warm valleys of the Himalayas & North East India	Wild, beauty berry
344	<i>Calophyllum inophyllum</i> Vesquel L.	Indian Laurel	AF	Coastal zone & Andman islands, Western Ghats	Wild and Cultivated

345	<i>Calopogonium mucunoides</i> Desv.	Calopogross	OT	Tropical India	Introduced, Cover crop
346	<i>Camellia caudata</i> Wall.	WR Tea	BV	North-eastern Region, Eastern Himalayas	Genetic resource
347	<i>Camellia drupifera</i> Lour.	WR Tea	BV	Eastern Himalayass, North-east Region	Genetic resource
348	<i>Camellia irrawadiensis</i> Barua	Wild Tea	WR	Assam (Tockali)	Genetic resource
349	<i>Camellia kissi</i> Wall.	Wild Tea	WR	In subtropical forests up to 1500 m Eastern Himalayas and N.E. region, and in Bay Islands at lower altitudes.W.Bengal, Sikkim, Arunachal Pradesh, Assam, Nagaland, Manipur, Mizoram, Tripura, Meghalaya and Andaman and Nicobar [Andaman Islands]	Genetic resource
350	<i>Camellia siangensis</i> T.K.Paul & M.P. Nayar	Wild Tea	WR	Arunachal Pradesh	Genetic resource
351	<i>Camellia sinensis</i> (L.) O.Kuntze var. <i>assamica</i> (Masters) Kitamura	Tea	BV	Assam	Cultivated
352	<i>Camellia sinensis</i> L.	Tea	BV	Hills of India	Cultivated
353	<i>Camellia taliensis</i> (W.W.Sm.) Melch.	Wild Tea	WR	Assam (Tockali)	Genetic resource

354	<i>Campanula ovata</i> Benth	Blue bells	OR	Jammu & Kashmir	Wild
355	<i>Campanula wattiana</i> Nayar et Babu	Blue bells	OR	Lahul to Kumaon in Uttarkhand	Wild
356	<i>Canarium strictum</i> Roxb.	Black Dammar tree	GR	Tropical India	Resin
357	<i>Canavalia cathartica</i> Thours syn. <i>C. stocksii</i> Dalz.& Gibson	Wild bean	GL	West and East coast of India; Deccan Plateau	Genetic resource
358	<i>Canavalia ensiformis</i> (L.) DC.	Sabre Bean	GL	Cultigen not known in wild; pre-historic American Indian domesticate; now grown through out India	Wild and Cultivated
359	<i>Canavalia gladiata</i> (Jacq.) DC.	Sword Bean	GL	Many parts of India	Cultivated
360	<i>Canavalia rosea</i> (Sw.) DC. syn. <i>C. maritima</i> (Willd.) Thours	Coastal Jack Bean	FO	East and West coasts of India; Andaman Islands	Wild
361	<i>Canna indica</i> L. syn <i>Canna edulis</i> Ker Gawl.	Indian shot	OR/MP	Gardens in many parts of India	Cultivated as ornamental, Roots medicinal, yields a fibre
362	<i>Cannabis sativa</i> L.	Bhang	NMP	Sub Himalayan Hill Tracts & Indo Gangetic Plains	Weedy in nature, Cultivated under license

363	<i>Capparis decidua</i> (Forsk.) Edgew	Ket	FR	North western plains, Deccan peninsula	Common in drier areas
364	<i>Capparis pachyphylla</i> Jacob	Fruit	FR	Arunachal Pradesh	Wild
365	<i>Capsicum annuum</i> L.	Chilli	SP	Many parts of India	Cultivated
366	<i>Capsicum baccatum</i> L.	Chilli	SP	Many parts of India	Cultivated
367	<i>Capsicum chinensis</i> Jacq.	Chilli	SP	Many parts of India	Cultivated
368	<i>Capsicum frutescens</i> L.	Bell pepper	SP/VE	Many parts of India	Cultivated
369	<i>Carex asraoi</i> D.M.Verma		FO	Nagaland	Wild
370	<i>Carex myosurus</i> Nees var. <i>oraestans</i> (C.B. Clarke) Kuek.		FO	Upper Gangetic Plains	Wild
371	<i>Carica papaya</i> L.	Papaya	FR	Many parts of India	Cultivated and Naturalized
372	<i>Carissa carandas</i> Lour.	Karaunda	FR	Many parts of India	Cultivated
373	<i>Carissa congesta</i> Wight	WR Karaunda	FR	North-western India, Western Ghats	Genetic resource
374	<i>Carissa spinarum</i> L.	Karamadika	FR	Many parts of India	Wild & Cultivated
375	<i>Carthamus oxycantha</i> Bieb.	Safflower	OS	Arid and Semi arid region	Genetic resource



376	<i>Carthamus tinctorius</i> L.	Safflower	OS	Many parts of India	Cultivated
377	<i>Carum bulbocastanum</i> W. Koch.	Caraway	SP	North-western Himalayas, Between 2000-3500 m	Genetic resource
378	<i>Carum carvi</i> L.	Caraway, Kala zira	SP	Northwest and western Himalayas & plains, Upto 3600 m	Cultivated
379	<i>Carum strictocarpum</i> Clarke	Carvi, Kalazira	WR	Gangetic plains	Genetic resource
380	<i>Carum villosum</i> Haines	WR Carvi	WR	Gangetic plains, Eastern Ghats	Genetic resource
381	<i>Carvia callosa</i> (Nees) Bremek	Karvi	OR	Konkan, W.Ghats	source of Karvi honey
382	<i>Carya illinoensis</i> (Wang.) K. Koch syn. <i>C. ovaliformis</i> Nutt.	Pecan nut	FR	Grows in sub temperate climate at 600-2000m	Wild and Cultivated
383	<i>Caryota urens</i> L.	Toddy, fish- tail palm, Kittul	W	Eastern and Western Ghats	Wild and Cultivated
384	<i>Cassia fistula</i> L.	Amaltas	AF	Throughout tropical and subtropical regions of India	Wild and Cultivated, urban forestry
385	<i>Cassia montana</i> Heyne ex Roth	Cassia	AF	Dry districts of Deccan	Wild

386	<i>Castanea sativa</i> Mill. syn. <i>C. vulgaris</i> L.	Chestnut	FR	Himalayas, Assam, Himachal and North west U.P.	Cultivated
387	<i>Casuarina equisetifolia</i> L.	Casuarina	AF	Tropical to subtropical region	Exotic, Planted along coastal regions.
388	<i>Catharanthus roseus</i> G. Don.	Periwinkle	MP	Many parts of India	Cultivated and Naturalized
389	<i>Cattunaregam spinosa</i> (Thunb.) Tirven. syn. <i>Gardenia spinosa</i> Thunb., <i>Randia spinosa</i> (Thunb.) Poir.	Emetic Nut, Bangara fruit	FR	Hilly regions throughout India up to 1350 m	Wild and Cultivated
390	<i>Caulokaempferia sikkimensis</i> (King ex Baker) K. Lasten	Sikkim resurrection lily	Medicine	E. Himalayas to Assam	Wild
391	<i>Cayratia pedata</i> (Lam.) Gagnepain syn. <i>Vitis pedata</i> Vahl ex Wall.	WR Grape	VE	Eastern & Western Ghats, N.E. India, Andaman & Nicobar islands	Wild, leaves used as vegetable
392	<i>Cayratia trifolia</i> Domin	WR	FR	Hotter parts of the country	Wild
393	<i>Cedrus deodara</i> (Roxb.) Loud.	Cedar wood	AF	Temperate Himalayan region	Wild & Cultivated
394	<i>Ceiba pentandra</i> (L.) Gaertn.	Kapok	FI	Many parts of India mainly in western Ghats	Introduced, Cultivated, Paper pulp

395	<i>Celosia argentea</i> L.	Cock's comb	OR/FO	Many parts of India up to 1500m	Cultivated
396	<i>Celtis austarlis</i> L.	European nettle tree	OR/FO	Temperate North-west Himalyas	Introduced and Cultivated
397	<i>Cenchrus biflorus</i> Roxb. syn <i>C. setigerus</i> Vahl.	Anjan grass	FO	Arid and Semi-arid regions	Wild & Cultivated
398	<i>Cenchrus ciliaris</i> L.	Anjan Grass	FO	Cultivated in plains of India	Wild & Cultivated
399	<i>Cenchrus rajasthanensis</i> Kanodia & Nanda	WR Anjan Grass	FO	Jaisalmer, Jodhpur in Western Rajasthan	Wild & Cultivated
400	<i>Cenchrus setigerus</i> Vahl.	WR Anjan Grass	FO	Tropical regions	Wild & Cultivated
401	<i>Centaurea cyanus</i> L.	Corn Flower	OR	Northwest India	Cultivated
402	<i>Centella asiatica</i> (L.) Urb.	Asiatic pennywort, gotu kola, Indian pennywort, marsh pennywort, pennyweed, sheep- rot, thankuni	MP	Throughout wet damp places in India	Wild and cultivated

403	<i>Centrosema pubescens</i> Benth.	Snake Plant, Butterfly Pea	FO	North-east and Southern peninsular India	Introduced
404	<i>Cephaelis ipecacuanha</i> (Brot.) A.	Ipecac	MP	Cultivated in Darjling Himalayas & Nilgiris	Introduced & Cultivated
405	<i>Chamaecrista rotundifolia</i> (Pers.) Greene, syn. <i>Cassia rotundifolia</i> Pers.		FO	Semi-arid zones	Introduced
406	<i>Chenopodium album</i> L.	Chenopods	PC	Gangetic plains, up to 3000m in hills	Weed, Cultivated
407	<i>Chenopodium foliosum</i> Asch.	Chenopod	PC	Kashmir to Kumaun, at altitudes of 1,550- 3,600 m	Vegetable
408	<i>Chenopodium glaucum</i> L.	Oak- leaf goosefoot	PC	Ladakh and Kashmir, at altitudes of 3,150- 5,400 m	Wild
409	<i>Chenopodium hybridum</i> L.	Sowbane, Maple- leaved goosefoot.	PC	Western Himalayas	Leaves used as an adulterant of stramonium
410	<i>Chenopodium murale</i> L.	Australian- spinach, nettle-leaf goosefoot	PC	Kashmir, Himachal Pradesh, Punjab, and Rajasthan to West Bengal, extending into peninsular India	Used as potherb

411	<i>Chloris barbata</i> (L.) Nash	Rhodes Grass	FO	Many parts of India	Cultivated
412	<i>Chloris bournei</i> Rang. & Tad.	Rhodes Grass	FO	Deccan Plateau	Wild
413	<i>Chloris dolichostachya</i> Lag.	Rhodes Grass	FO	All over plains of India and lower foothills	Cultivated
414	<i>Chloris gayana</i> Kunth	Rhodes Grass	FO	Many parts of India	Cultivated
415	<i>Chlorophytum arundenaceum</i> Baker	Safed musli	MP	Many parts of India	Cultivated
416	<i>Chlorophytum borivillianum</i> Santapau & Fernandes	Safed musli	MP	Konkan, northern W.Ghats	Cultivated
417	<i>Chlorophytum malabaricum</i> Dalz	Musli	MP	Southern W.Ghats	Genetic resource
418	<i>Chrysanthemum cinerariaefolium</i> Bocc.	Pyrethrum	OR/ MAP	Many parts of India	Cultivated
419	<i>Chrysanthemum coronopifolium</i> Vill	Pyrethrum	MP/OR	Khasia-Jaintia hills, Meghalaya	Wild & Cultivated
420	<i>Chrysopogon fulvus</i> (Spreng.)Chiov. syn. <i>C. montanus</i> Trin.	Golden beard grass/ Chikua	FO	Peninsular India	Cultivated
421	<i>Chrysopogon hamiltonii</i> (Hook. f.) Haines	Chikua	FO	Tropical India	Cultivated

422	<i>Cicer arietinum</i> L.	Chickpea	GL	Plains of India	Cultivated
423	<i>Cicer microphyllum</i> Royle	WR Chickpea	GL	North western Himalayas, between 2700- 3550 m	Genetic resource
424	<i>Cichorium endivia</i> L.	Chicory	CC	All over plains of India	Cultivated
425	<i>Cichorium intybus</i> L.	Chicory	CC	All over plains of India	Cultivated
426	<i>Cinchona officinalis</i> L.	Cinchonna	MP	Darjling Himalayas & Nilgiris	Cultivated
427	<i>Cinnamomum bejholgota</i> (Buch.-Ham) syn. <i>C. obtusifolium</i> Roxb. ex Nees	WR Cinnamon	SP	Eastern Himalayas, Andaman, Nicobar and Lakshadweep Islands	Cultivated
428	<i>Cinnamomum camphorum</i> (L.) Nees & Eberm.	Camphor Tree	MP	Subtropical region	Cultivated
429	<i>Cinnamomum cacharensis</i> Parker	WR Cinnamon	SP	North Eastern India	Genetic resource
430	<i>Cinnamomum heyneanum</i> Nees	Wild Cinnamon	WR SP	Western Ghats	Genetic resource
431	<i>Cinnamomum macrocarpum</i> Hook.f.	WR Cinnamon	WR	Southern Western Ghats	Genetic resource
432	<i>Cinnamomum malabatrums</i> (Burm.f.) Berchthold & Presl	WR Cinnamon	SP	Southern Western Ghats	Genetic resource

433	<i>Cinnamomum obtusifolium</i> Nees	WR Cinnamon	SP	N.E.India and Andaman islands	Genetic resource
434	<i>Cinnamomum pauciflorum</i> Nees	Wild Cinnamon	WR	N.E. India- Khasi hills	Bark used as cardiotonic
435	<i>Cinnamomum perrottetii</i> Meissner	Wild Cinnamon	WR	Western Ghats	Genetic resource
436	<i>Cinnamomum sulphuratum</i> Nees	Wild Cinnamon	WR	Wesern Ghats	Genetic Resource
437	<i>Cinnamomum tamala</i> (Hamilt.) Nees & Ebermaier	WR Cinnamon	SP	S. India and Himalayan zone	Cultivated
438	<i>Cinnamomum travancoricum</i> Gamble	WR Cinnamon	SP	Southern W.Ghats	Genetic resource
439	<i>Cinnamomum verum</i> Bl. & Presl. syn. <i>C. zeylanicum</i>	WR Cinnamon	SP	Western Ghats	Wild and Cultivated
440	<i>Cinnamomum yabunikei</i> H. Ohba syn <i>Cinnamomum pedunculatum</i> auct.	Wild Cinnamon	WR	East Himalayas	Genetic resource
441	<i>Cissus repanda</i> Vahl syn. <i>Vitis repanda</i> (Vahl) Wight & Arn.	WR Grape	VE	Eastern & Western Ghats, Gangetic Plains, N.E. India	Wild, stems contain a large quantity of potable water

442	<i>Cissus repens</i> Lam. syn. <i>Vitis repens</i> (Lam.) Wight & Arn.	WR Grape	VE	Eastern & Western Ghats, N.E. India, Andaman & Nicobar islands	Wild, leaves used as vegetable
443	<i>Citrullus colocynthis</i> Schrad.	WR Bitter apple	FR	North-western plains.	Fallow land, drought hardy
444	<i>Citrullus lanatus</i> (Thunb) Matsum. & Nakai	Water melon	FR	Warmer parts of India	Cultivated
445	<i>Citrullus fistulosus</i> Duthie & Fuller	Round Gourd	VE	Many parts of India	Cultivated
446	<i>Citrus assamensis</i> Dutta & Bhattacharya	Ginger Citrus	FR	Southern slopes of Khasi hills-SHELLA	Indigenous; planted in kitchen gardens
447	<i>Citrus aurantifolia</i> (Christm.) Swingle	Lime, Kagzi nimbu	FR	Mostly in Central and Southern India	Cultivated
448	<i>Citrus aurantium</i> L.	Sour Orange	FR	Grown in South and North-east India	Cultivated
449	<i>Citrus deliciosa</i> Tenore	Kinnow	FR	Punjab, Haryana and Western Uttar Pradesh	Cultivated
450	<i>Citrus ichangensis</i> Swingle	Ichang Papeda	WR	Naga hills, Nagaland	Wild; Genetic resource
451	<i>Citrus indica</i> Tanaka	Indian Wild Orange	FR	Tura range, Meghalaya	Wild; Genetic resource



452	<i>Citrus jambhiri</i> Lush	Indian Rough lemon	FR	Eastern part of Punjab near Pathankot, Uttarakhand, North-east India	Indigenous; Genetic resource
453	<i>Citrus karna</i> Raf.	Karna Orange	FR	West Himalayas, Gangetic plains and North-east India	Indigenous; Genetic resource
454	<i>Citrus latipes</i> Tanaka	Khasi Papeda	FR	Shillong plateau, Khasi & Garo hills, Naga hills, Upto 1800 m	Semi-wild; Potential gene source for cold resistance
455	<i>Citrus limettioides</i> Tanaka	Sweet lime	FR	Many parts of India	Cultivated
456	<i>Citrus limon</i> (L.) Burm. f.	Lemon	FR	Many parts of India	Cultivated
457	<i>Citrus macroptera</i> Montr. var. <i>annamensis</i> Tanaka	Melanesian Papeda	FR	Shillong plateau - Khasi hills	Wild and Cultivated
458	<i>Citrus maxima</i> (Burm.) Merr.	Pomelo	FR	Subtropical regions of India	Cultivated and Naturalized
459	<i>Citrus medica</i> L.	Turanj	FR	Wild in West to East Himalayas and North eastern India and grown in home gardens in many parts of India	Wild and Cultivated
460	<i>Citrus megaloxycarpa</i> Lush.	Amilbed	FR	Lower Himalayas	Wild and Cultivated

461	<i>Citrus microcarpa</i> Bunge	Kumquat	FR/OR	Many parts of India	Planted
462	<i>Citrus paradisi</i> Macf.	Grape fruit	FR	Northern India	Introduced
463	<i>Citrus reticulata</i> Blanco	Mandarin, Mandarin orange, Swatow orange, Tangerine	FR	Cultivated in subtropical regions in Central, Northern and N.E. India, East Himalayas	Cultivated
464	<i>Citrus sinensis</i> (L.) Osbeck	Sweet Orange	FR	Many parts of India	Cultivated
465	<i>Cleisostoma tricallosum</i> Hegde & A.N.Rao	Orchid	OR	Arunachal Pradesh	Wild
466	<i>Clematis connata</i> DC. var. <i>lanceolata</i> Biswas		OR	Tehri Garhwal in Uttarkhand	Wild
467	<i>Cleome gynandra</i> L. var. <i>nana</i> (Blatt. & Hallb.) Bhandari		MP	Jaisalmer, Jodhpur in western Rajasthan	Wild
473	<i>Clitoria ternatea</i> L.	Aparajit	MP/OR	Many parts of India	Naturalized
474	<i>Coccinia indica</i> Wight & Arn. syn. <i>C. grandis</i> (L.) Voigt	Ivy Gourd	VE	Many parts of India	Wild and Cultivated
475	<i>Cocculus hirsutus</i> (L.) Diels		MP	Indo- gangetic plains, Eastern Ghats, Western Ghats	Leaves and roots used in medicine

476	<i>Cocos nucifera</i> L.	Coconut palm	CC	Coastal zones of India, Andaman & Nicobar islands	Cultivated , wild in Andaman & Nicobar islands
477	<i>Coffea arabica</i> L.	Coffee	CC	Hills of south India	Cultivated
478	<i>Coffea robusta</i> Linden	WR Congo coffee	CC	Cultivated in lower hills of south India	Cultivated
479	<i>Coix agrestis</i> Lour.	Wild Adlay	FO	North East India	Wild
480	<i>Coix aquatica</i> Roxb.	Wild Adlay	FO	Low water bodies or jheels of Bengal	Wild
481	<i>Coix lacryma-jobi</i> L.	Job's tear	PC/FO	Many parts of India in plains and warm slops	Marshy habitat and low lands, Cultivated
482	<i>Coix lacryma-jobi</i> L. var. <i>ma-yuen</i> (Romaner) Stapf ex Hook.f	WR Job's tears	FO	Garro, Khasia hills, Meghalaya.	Wild
483	<i>Coleus aromaticus</i> Benth. syn. <i>C. amboinicus</i> Lour.	Coleus	OR	Malabar region	Cultivated
484	<i>Coleus forskholii</i> Briq. syn. <i>C. barbatus</i> Benth.	Pashanbedi	MP	Eastern Ghats, Western and Central Himalayas, Upto 2500 m	Wild and Cultivated
485	<i>Coleus parviflorus</i> (Benth.) syn. <i>C. tuberosus</i> Benth.	Country potato	TC	Malabar region	Cultivated

486	<i>Coleus rotundifolius</i> (Poir) A. Chev. & Perr.	Madagascar potato	MP	Malabar region	Cultivated
487	<i>Coleus zeylanicus</i> Benth.	Coleus	MP	Western Ghats	Wild and Cultivated
488	<i>Colocasia affinis</i> Schott	Wild Taro	TC	Assam to Myanmar	Genetic resource
489	<i>Colocasia esculenta</i> (L.) Schott	Taro	TC	Sub-Himalayan & peninsular region	In water logged humid tropical belt, Cultivated
490	<i>Colocasia esculenta</i> var. <i>antiquorum</i> (Schott) Hubbard & Rehder	Elephant ear yam	TC	Many parts of India in marshy places	Wild and Cultivated
491	<i>Colocasia fallax</i> Schott.	Wild Taro	Tubers	Nepal to SC. China, Assam	Genetic resource
492	<i>Colocasia mannii</i> Hook. f.	Wild Taro		Assam	Genetic resource
493	<i>Commiphora caudata</i> Engl.	WR Guggal	MP	Rajasthan	Wild & Cultivated
494	<i>Commiphora wightii</i> (Am.) Bhandari	Guggal	MP	Western Rajasthan	Wild & Cultivated
495	<i>Corchorus acutangulus</i> Lam.	WR Jute	FI	Western peninsular tract.	Hotter parts of India, Genetic resources
496	<i>Corchorus antichorus</i> Raeuch.	WR Jute	FI	Deccan plateau	Drought tolerant type, Genetic resource

497	<i>Corchorus caspularis</i> L.	White jute	FI	North-Eastern India, Assam.	Wild & semi-wild forms in northeast, Cultivated
498	<i>Corchorus fascicularis</i> Lam.	WR Jute	FI	Hotter parts of central and peninsular region.	Drought tolerant, Genetic resource
499	<i>Corchorus olitorius</i> L.	Jute	FI	Tropical parts of India	Cultivated
500	<i>Corchorus pseudo-olitorius</i> Islam & Zaid	WR Jute	FI	North East India	Genetic resource
501	<i>Corchorus tridens</i> L.	WR Jute	FI	Central Peninsular Indian region	Hotter parts, Genetic resource
502	<i>Corchorus trilocularis</i> L.	WR Jute	FI	Upper Gangetic plains to Nilgiri hills.	Hotter parts, Genetic resource
503	<i>Corchorus urticaefolius</i> Lam.	WR Jute	FI	Western Peninsular Indian region	Genetic resource
504	<i>Cordia gharaf</i> (Forsk.) Ehrenb. ex Asch.	Gondri	FR	Northwest and Central plains	Cultivated
505	<i>Cordia myxa</i> Roxb. syn. <i>C. dichotoma</i> Forst.	Indian Cherry	FR	North-western and Central plains	Wild and Cultivated
506	<i>Cordia obliqua</i> Willd. syn. <i>C. wallichii</i> G. Don	Indian Cherry	AF	Gujrat and Deccan	Introduced, cultivated

507	<i>Cordia rothii</i> Roem. & Schult.	Indian Cherry	FR	North-western and central plains	Genetic resource
508	<i>Coriandrum sativum</i> L.	Coriander	SP	Throughout India	Cultivated
509	<i>Corybas purpureus</i> Joseph et Yog	Orchid	OR	Khasia hills, Meghalaya.	Cultivated
510	<i>Corylus avellana</i> L.	Bhutia badam	NUT	Hilly areas	Cultivated
511	<i>Corylus colurna</i> L.	Bhutia badam	MP	Western Himalayas	Cultivated
512	<i>Corylus ferox</i> Wall.	Himalayan hazel	MP	Eastern Himalayas	Cultivated
513	<i>Corylus jacquemontii</i> Decne.	Hazelnut	FR	Garhwal Himalayas up to 2100-2300 m	Wild
514	<i>Crambe abyssinica</i> R.E.Fr.	Mustard Abyssinian	OS	Cold regions	Introduced and Cultivated
515	<i>Crataeva nurvala</i> Buch syn. <i>C. religiosa</i> (Hook. f. & Thom.)	Barna	MP/ OR	Tropical India	Wild and Cultivated
516	<i>Crinum brachynema</i> Herbert	Lily	OR	Northern W. Ghats	Wild
517	<i>Crinum elenoriae</i> Blatter & McCann	Lily	OR	Northern W. Ghats	Wild

518	<i>Crinum woodrowii</i> Blaker	Lily	OR	Northern W. Ghats	Wild
519	<i>Crocus sativus</i> L.	Saffron	SP	Kashmir valley	Cultivated
520	<i>Crossandra infundibuliformis</i> (L.) Nees	Crossandra	OR	Subtropical India	Cultivated in Gardens; also medicinal
521	<i>Crotalaria burhia</i> Benth.	WR Sunnhemp	FI	Arid and Semi-arid regions in North-west and central India	Wild
522	<i>Crotalaria clarkei</i> Gamble	WR Sunnhemp	FI	Malabar region	Genetic resource
523	<i>Crotalaria digitata</i> Hook.	WR Sunnhemp	FI	Malabar region	Genetic resource
524	<i>Crotalaria grahamima</i> Wight & Arn.	WR Sunnhemp	FI	Malabar region	Genetic resource
525	<i>Crotalaria juncea</i> L.	Sunnhemp	FI	Many parts of India	Wild and Cultivated
526	<i>Crotalaria madurensis</i> Wight & Arn.	WR Sunnhemp	FI	Srisilam, Southern E.Ghats	Genetic resource
527	<i>Crotalaria retusa</i> L.	WR Sunnhemp	FI	Many parts of India; frequent in coastal areas	Widely distributed in warmer regions
528	<i>Crotalaria rigida</i> Heyne ex Roth	WR Sunnhemp	FI	Dry districts of Deccan	Genetic resource

529	<i>Crotalaria striata</i> DC.	WR Sunnhemp	FI	Many parts of India, including Andaman and Nicobar Islands; introduced in Andhra Pradesh	Yields fibre similar to Sunnhemp
530	<i>Croton malabaricus</i> Bedd.	Malabar Croton	MP	Southern western Ghats, endemic	Wild
531	<i>Croton scabiosus</i> Bedd.		MP	Eastern Ghats	Wild; Cake useful as manure
532	<i>Cryptolepis buchananii</i> Roem. & Schult.	Karanta	FR	Throughout tropical India	Cultivated
533	<i>Cryptostegia grandiflora</i> (Roxb. ex R. Br.) R. Br.	Palay rubbervine	MP/OR	Introduction	Cultivated
534	<i>Cucumis anguria</i> L. var. <i>anguria</i>	West Indian gherkin	VE	Tropical India	Cultivated
535	<i>Cucumis callosus</i> Cogn., syn. <i>C. trigonus</i> Roxb.	Muskmelon	VE	Semi-arid regions of north-west, central India and east and west coasts	Wild; Genetic resource
536	<i>Cucumis hardwickii</i> Royle	WR Cucumber	VE	Western Himalayas, Gangetic plains	Wild, cold adapted
537	<i>Cucumis hystrix</i> Chak.	WR Cucumber	VE	North eastern hills & plains	Wild; Genetic resource
538	<i>Cucumis melo</i> L.	Musk melon	FR	Throughout India	Wild & Cultivated



539	<i>Cucumis melo</i> L. var. <i>agrestis</i> Naud.	Melon	FR	Throughout India	Cultivated
540	<i>Cucumis melo</i> L. var. <i>momordica</i> Duthie & Fuller	Snapmelon	VE	Throughout India	Cultivated
541	<i>Cucumis melo</i> L. var. <i>utilissimus</i> Duthie & Fuller	Cucumber	FR	Throughout India	Cultivated
542	<i>Cucumis prophetarum</i> L.	WR melo	VE	Indus plains, North-western plains, Rajasthan and adjoining belt	Wild; Genetic resource
543	<i>Cucumis pubescens</i> Willd.	Wild Cucumber	WR/VE	Waste lands in the central and eastern coastal districts of Tamil Nadu and Andhra Pradesh	Ripe fruits edible
544	<i>Cucumis ritchiei</i> (Chkar.) Jeffrey	WR Cucumber	VE	Northern Western Ghats & Konkan Plains	Genetic resource
545	<i>Cucumis sativus</i> L.	Cucumber	VE	Many parts of India	Cultivated
546	<i>Cucumis setosus</i> Cogn.	WR Cucumber	VE	Northern W.Ghats	Genetic resource
547	<i>Cucurbita moschata</i> (Duch.)Poir.	Squash Crook-necked	VE	Many parts of India	Cultivated
548	<i>Cucurbita maxima</i> Duchesne	Winter Squash	VE	Many parts of India	Cultivated

549	<i>Cucurbita pepo</i> L.	Summer Squash (pumpkin)	VE	Many parts of India	Cultivated
550	<i>Cullen corylifolium</i> (L.) Medik. syn. <i>Psoralea corylifolia</i> L.	Babchi	MP	Warmer regions of North West, Central and South India	Wild and Cultivated
551	<i>Cuminum cyminum</i> L.	Cumin, Zira	SP	Many parts of India	Cultivated
552	<i>Curcuma longa</i> L. syn. <i>C. domestica</i> Valet.	Turmeric	SP	Many parts of India	Occur as under growth in forests, Cultivated
554	<i>Curcuma aeruginosa</i> Roxb.	WR Turmeric	SP	Indo-China to W. Malesia; N.E. India	Genetic resource
555	<i>Curcuma amarissima</i> Rosc.	WR Turmeric	SP	North East India	Genetic resource
556	<i>Curcuma amada</i> Roxb.	WR Turmeric/ Mango Ginger	SP/MP	Western Bengal and Assam, north-eastern tract.	Wild in disturbed forests, cultivated
557	<i>Curcuma angustifolia</i> Roxb.	East Indian arrowroot , tikur, tikor	WR	Uttarakhand to Assam, Indo-China	Genetic resource
558	<i>Curcuma aromatica</i> Salisb.	Wild turmeric, yellow zedoary	SP/WR	C & E. Himalayas to Sri Lanka	Genetic resource

559	<i>Curcuma caesia</i> Roxb.	WR Turmeric	SP/WR	Eastern India	Wild & Cultivated
560	<i>Curcuma cannanorensis</i> R.Ansari et al.	WR Turmeric	SP/WR	Kannur in Kerala, Southern W.Ghats.	Genetic resource
561	<i>Curcuma comosa</i> Roxb.	WR Turmeric	SP/WR	Assam to Thailand	Genetic resource
562	<i>Curcuma coriacea</i> Mangaly & M.Sabu	WR Turmeric	SP/WR	Southern W. Ghats	Genetic resource
563	<i>Curcuma decipiens</i> Dalzell	WR Turmeric	SP/WR	S. India	Genetic resource
564	<i>Curcuma ecalcarata</i> Sivar. & Balach.	WR Turmeric	SP/WR	Southern W.Ghats	Genetic resource
565	<i>Curcuma ferruginea</i> Roxb.	WR Turmeric	SP/MP	Gangetic plains	Genetic resource
566	<i>Curcuma harita</i> Mangaly & Sabu	WR Turmeric	SP/WR	Southern W. Ghats	Genetic resource
567	<i>Curcuma inodora</i> Blatt.	WR Turmeric	SP/WR	S. India	Genetic resource
568	<i>Curcuma karnatakensis</i> Amalraj, Velay. & Mural.	WR Turmeric	SP/WR	Southern W.Ghats	Genetic resource

569	<i>Curcuma kudagensis</i> Velay., V. S. Pillai & Amalraj	WR Turmeric	SP/WR	Southern W.Ghats	Genetic resource
570	<i>Curcuma latifolia</i> Roscoe	WR Turmeric	SP/WR	N. India to Bangladesh	Genetic resource
571	<i>Curcuma leucorhiza</i> Roxb.	WR Turmeric	SP/WR	Gangetic plains	Genetic resource
572	<i>Curcuma montana</i> Roxb.	WR Turmeric	SP/WR	E. Himalaya to Assam	Genetic resource
573	<i>Curcuma neilgherrensis</i> Wight	WR Turmeric	SP/WR	W. & S. India, Indo-China	Genetic resource
574	<i>Curcuma nilamburensis</i> Velay., Mural., Amalraj, P.L.Gautam & S.Mandal	WR Turmeric	SP/WR	Southern W.Ghats	Genetic resource
575	<i>Curcuma oligantha</i> Trimen syn. <i>Curcuma lutea</i> (R. Ansari, V.J. Nair & N.C. Nair) Amalraj, Velay. & Mural.	WR Turmeric	SP/WR	S. India, Sri Lanka, Myanmar	Genetic resource
576	<i>Curcuma pseudomontana</i> J. Graham	WR Turmeric	SP/WR	S. India	Genetic resource
577	<i>Curcuma purpurea</i> Blatter	WR Turmeric	SP/MP/ WR	Konkan, Northern W.Ghats	Genetic resource

578	<i>Curcuma raktakanta</i> Mangaly & Sabu	WR Turmeric	SP/WR	SW. India	Genetic resource
579	<i>Curcuma reclinata</i> Roxb.	WR Turmeric	SP/WR	Western Ghats	Genetic resource
580	<i>Curcuma rubescens</i> Roxb.	WR Turmeric	SP/WR	NE. India to Myanmar	Genetic resource
581	<i>Curcuma sulcata</i> Haines.	WR Turmeric	SP/WR	Western Ghats	Genetic resource
583	<i>Curcuma thalakaveriensis</i> Velay., Amalraj & Mural.	WR Turmeric	SP/WR	Southern W.Ghats	Genetic resource
584	<i>Curcuma vamana</i> M.Sabu & Mangaly	WR Turmeric	SP/WR	Southern W.Ghats	Genetic resource
585	<i>Curcuma zedoaria</i> (Christm.) Roscoe	WR Turmeric	SP/MP/ WR	Southern Peninsular India	Cultivated
586	<i>Cyamopsis tetragonolobus</i> (L.) Taub.	Cluster Bean	GL/FO	Many parts of India	Cultivated
587	<i>Cycas beddomei</i> Hort. ex Hook.f.	Cycas	OR	Eastern Ghats Cultivated in gardens	Wild/ Listed on CITES
588	<i>Cyclanthera pedata</i> Schrad	Meello Karela	VE	N W Himalayas	Cultivated

589	<i>Cydonia oblonga</i> Mill.	Bihi	FR	Temperate Himalaya Region	Cultivated
590	<i>Cymbidium aloifolium</i> (L.) Sw.	Orchid	OR	Western Ghats, Eastern Himalayas	Wild; Genetic resource
591	<i>Cymbidium gammieanum</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild; Genetic resource
592	<i>Cymbidium pendulum</i> (Roxb.) Sw. & Lindl.	Orchid	OR	Eastern Himalayas	Wild; Genetic resource
593	<i>Cymbidium sikkimense</i> Hook.f	Orchid	OR	Sikkim Himalayas	Wild; Genetic resource
594	<i>Cymbidium whiteae</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild & Cultivated
595	<i>Cymbopogon flexuosus</i> (Steud.) Wats.	Lemon grass	MP	Throughout India	Cultivated
596	<i>Cymbopogon jwarancusa</i> (Jones) Schult. var. <i>assamensis</i> B. K.Gupta	WR Lemon grass	MP	North East India	Wild
597	<i>Cymbopogon khasianus</i> (Hack.) Stapf ex Bor	Lemon grass	MP	Meghalaya (Khasia- Jaintia- Garo hills)	Wild
598	<i>Cymbopogon martinii</i> (Roxb.) Wats.	Lemon grass	MP	Southern W. Ghats	Cultivated
599	<i>Cynara scolymus</i> L.	Artichoke	MP	Temperate region of North India	Introduced & Cultivated

600	<i>Cynodon dactylon</i> Pers.	Bermuda grass Dharba	FO	Throughout India	Wild & Cultivated
601	<i>Cyperus dwarkensis</i> Sahni & Naithani		FO	Dwarka, Kaithiawar	Wild
602	<i>Cyphostemma setosum</i> (Roxb.) Alston syn. <i>Vitis setosa</i> (Roxb.) Wall ex Wt. & Arn.	WR Grape	MP	Peninsular India	Wild
603	<i>Dactylis glomerata</i> L.	Dactylis, barnyard grass, cocksfoot, cockspur, orchard grass	FO	Sikkim, Arunachal Pradesh, West Bengal (Darjeeling)	Native of Europe, Naturalized
604	<i>Dactyloctenium aegyptium</i> (L.) Willd.	coast button grass, comb fringe grass, crowfoot grass, duck grass, Durban crowfoot, finger comb grass, makri		Throughout the plains of India and ascends up to 5,000 ft. in the hiils	Wild

605	<i>Dalbergia volubilis</i> Roxb.	WR Rose Wood	MP	Many parts of India, Andaman Islands	Antiarthritic activity
606	<i>Dalbergia lanceolaria</i> L.f. subsp. <i>paniculata</i> (Roxb.) Thoth. syn. <i>D. paniculata</i> Roxb.	WR Rose Wood	AF	Throughout India	Insecticidal
607	<i>Dalbergia latifolia</i> Roxb.	Indian Rose wood	AF	Many parts of India except N.E.India	Wild and Cultivated
608	<i>Dalbergia sissoo</i> Roxb. ex DC.	Shisham	AF	Tropical India	Afforestation of waste lands
609	<i>Dalbergia wattii</i> C.B.Clarke	WR Rose Wood	AF	Manipur	Wood used for fuel
610	<i>Daucus carota</i> L.	Carrot	VE	Throughout India	Cultivated
611	<i>Delonix elata</i> (L.) Gamble	Flame Tree	AF	Throughout India	Introduced, Cultivated and Naturalized
612	<i>Delonix regia</i> (Bojer ex Hook.) Raf.	Flame Tree	AF	Native of Madagascar; Widely cultivated/naturalized in Warm humid and sub-humid zones throughout India	Introduced, Cultivated and Naturalized
613	<i>Delphinium ajacis</i> L.	Rocket Larkspur,	OR	Many parts of India	Native of Europe, cultivated



614	<i>Delphinium cashmerianum</i> Royle	Kashmir Larkspur	OR	North West Himalayas	Wild
615	<i>Delphinium malabaricum</i> (Huth.) Munz. var. <i>ghaticum</i> Billore	Malabar Larkspur	OR	Northern W. Ghats	Wild
616	<i>Dendrobium aurantiacum</i> Reichb.f	Orchid	OR	Assam	Wild
617	<i>Dendrobium chrysotoxum</i> Lindl.	Orchid	OR	Himalayan region	Wild
618	<i>Dendrobium herbaceum</i> Lindl.	Orchid	OR	Western Ghats and Central India	Wild
619	<i>Dendrobium lawianum</i> Lindl.	Orchid	OR	Western Ghats	Wild
620	<i>Dendrobium lituiflorum</i> Lindl.	Orchid	OR	Himalayan region	Wild
621	<i>Dendrobium microbulbon</i> A.Rich.	Orchid	OR	Western Ghats	Wild
622	<i>Dendrobium ovatum</i> (L.) Kraenzl	Orchid	OR	Western Ghats	Wild
623	<i>Dendrobium pauciflorum</i> King & Pantl	Orchid	OR	Sikkim Himalayas	Wild
624	<i>Dendrocalamus brandisii</i> (Munro) Kurz	Bamboo	OR	Tropical forests, Manipur, Andaman & Nicobar islands	Introduced to Coorg (Karnataka), House construction and basketry, and to make handicrafts

625	<i>Dendrocalamus calostachys</i> Kurz.	Giant bamboo	CC	North East India	Used for construction purposes and to make boat masts
626	<i>Dendrocalamus giganteus</i> Clump.	Bamboo	AF	North East India, West Bengal and Bihar.	Used for construction purposes and to make boat masts
627	<i>Dendrocalamus hamiltonii</i> Nees and Arn. ex Murno	Bamboo	CC	North East India and Himachal Pradesh	Shoot edible, for roofing and construction purposes.
628	<i>Dendrocalamus strictus</i> Nees.	Iron bamboo	CC	Sub tropical humid region	Cultivated
629	<i>Desmanthus virgatus</i> Willd.	Hedge leceia	FO	Sub tropical humid region	Cultivated
630	<i>Desmodium kulhaitense</i> C.B.Clarke	Desmodium	FO	Sikkim Himalayas	Wild
631	<i>Desmodium triquetrum</i> (L.) DC.	Desmodium	FO	West and East Himalayas	Wild
632	<i>Desmostachya bipinnata</i> (L.) Stapf.	Creeping grass	FO	Many parts of India	Cultivated, antibacterial
633	<i>Dianthus anatolicus</i> Boiss.	Carnation	MP	Western Himalayas	Wild; Used as an antipyretic in intermittent fever

634	<i>Dianthus cachemiricus</i> Edgew.	Carnation	OR	Alpine regions, Jammu & Kashmir	Wild
635	<i>Dianthus jacquemontii</i> Edgew.	Carnation	OR	Alpine regions, Jammu & Kashmir	Wild
636	<i>Dianthus sinensis</i> Link	Carnation	OR	Temperate region	Wild
637	<i>Dichanthium annulatum</i> Stapf	Marvel grass	FO	Many parts of India	Cultivated
638	<i>Dichanthium caricosum</i> A.Camus	Marvel grass	FO	Many parts of India	Cultivated
639	<i>Dichanthium tuberculatum</i> (Hack.)	Marvel grass	FO	Plains (Malwa Plateau and Central Highlands)	Wild
640	<i>Digera muricata</i> (L.) Mart.	Latmhuria	VE	Throughout the plains of India	Cultivated
641	<i>Digitalis purpuria</i> L.	Fox glove	MP	Hilly regions, above 1800- 2630 m	Cultivated
642	<i>Digitaria adscendens</i> Kunth	Digitaria	FO	Many parts of India	Wild & Cultivated
643	<i>Digitaria cruciata</i> Nees	Digitaria	FO	Eastern Himalayas, north- east hills	Wild and Cultivated; Genetic resource
644	<i>Digitaria sanguinalis</i> (L.)	Digitaria	FO	Western Himalayas	Weedy type
645	<i>Digitaria tomentosa</i> (Koenig) Scop. Henr.	Digitaria	FO	Bijapur in Deccan	Genetic resources

646	<i>Dillinea indica</i> L.	Tanga Phal, dillenia, elephant-apple	AF	Tropical and subtropical regions of India, N.E.region, Gangetic plains, Central India and W.Ghats, U.P., Bihar, West Bengal, Assam, Meghalaya, Orissa, Madhya Pradesh, Maharashtra, Andhra Pradesh, Karnataka, Tamil Nadu, Kerala	Wild & Cultivated, Minor fruits
647	<i>Dioscorea alata</i> L.	Yam	TC	Western Himalayas also in eastern and north-eastern region.	Cultivated
648	<i>Dioscorea belophylla</i> Voigt ex Haines, syn. <i>D. glabra</i> Roxb.	Yam	TC	Western, Eastern Himalayas, North East India	Wild and Cultivated
649	<i>Dioscorea bulbifera</i> L. syn. <i>Dioscorea sativa</i> Thunb.	Yam	TC	Western and Eastern Himalayas.	Cultivated
650	<i>Dioscorea decipiens</i> Hook.f.	Yam	TC	Eastern Himalayas	Wild & Cultivated
651	<i>Dioscorea deltoidea</i> Wall. ex Griseb	Yam	TC	Western Himalayas, Eastern Himalayas	Wild & Cultivated
652	<i>Dioscorea esculenta</i> (Lour.) Burk.	Yam	TC	Many parts of India	Cultivated
653	<i>Dioscorea floribunda</i> M. Martens & Galeotti	Yam	MP	Many parts of India	Wild & Cultivated
654	<i>Dioscorea glabra</i> Roxb.	Yam	Tubers	Himalaya to Malaya	Wild; Genetic resource

655	<i>Dioscorea hamiltonii</i> Hook. f.	Yam	TC	Eastern Himalayas, North-eastern Region	Wild; Genetic resource
656	<i>Dioscorea hispida</i> Dennst syn. <i>D. daemonia</i> Roxb.	Asiatic bitter Yam	MP	Western Himalayas, Eastern Himalayas, upto 1200 m	Wild; Genetic resource
657	<i>Dioscorea intermedia</i> Thw.	Yam	Tubers	Peninsular India, Sri Lanka	Wild, Genetic resource
658	<i>Dioscorea japonica</i> Thunb.	Japanese Yam	TC	Eastern Himalayas	Cultivated
659	<i>Dioscorea kalkapershadii</i> Prain & Burkill.	Yam	TC	Gangetic plains	Wild & Cultivated, Genetic resources
660	<i>Dioscorea kumaonensis</i> Kunth.	Yam	TC	Western Himalayas, Eastern Himalayas	Wild & Cultivated
661	<i>Dioscorea lepcharum</i> Prain & Burkill.	Yam	TC	Eastern Himalayas, North-eastern Region	Wild & Cultivated
662	<i>Dioscorea oppositifolia</i> L.	Yam	TC	S. India, Sri Lanka, E. Himalaya to Myanmar	Wild, Genetic resource
663	<i>Dioscorea pentaphylla</i> L.	Yam	TC	Eastern Himalayas, Upto 1800 m	Wild; Genetic resource; Tuberous climber
664	<i>Dioscorea prazeri</i> Prain & Burkill syn. <i>D. clarkei</i> Prain & Burkill	Yam	TC	Eastern Himalayas, North-east Region	Used as fish poison

665	<i>Dioscorea pubera</i> Blume. syn <i>D. anguina</i> Roxb.	Yam	TC	Eastern Himalayas, North-east Region, Western Ghats	Wild & Cultivated
666	<i>Dioscorea scrotechnii</i> Prain & Burkill	Yam	TC	Bangladesh, Assam (NE India) to Sumatra	Wild, Genetic resource
667	<i>Dioscorea spicata</i> Roth	Yam	TC	S. India, Sri Lanka, N.E.India, Bangladesh	Wild, Genetic resource
668	<i>Dioscorea tomentosa</i> Koenig ex Spreng.	Yam	TC	India to Bangladesh, Sri Lanka	Wild, Genetic resource
669	<i>Dioscorea trinervia</i> Roxb. ex Prain & Burkill	Yam	TC	Assam to NW. Myanmar	Wild, Genetic resource
670	<i>Dioscorea vexans</i> Prain & Burkill	Yam	TC	S. Andaman Islands	Wild, Genetic resource
671	<i>Dioscorea wallichii</i> Hook. f.	Yam	TC	India to China (W. Yunnan) and Pen. Malaysia	Wild, Genetic resource
672	<i>Dioscorea wattii</i> Prain & Burkill	Yam	TC	Eastern Himalayas	Wild & Cultivated
673	<i>Dioscorea wightii</i> Hook. f.	Yam	TC	Eastern Ghats	Wild & Cultivated
674	<i>Diospyros kaki</i> L. f.	Persimmon	FR	North East Indian zone	Cultivated
675	<i>Diospyros nilagirica</i> Bedd.	WR Persimmon	FR	Southern Western Ghats	Wild; Genetic resource

676	<i>Diospyros bourdillonii</i> Brand.	WR Persimmon	FR	Malabar region	Wild; Genetic resource
677	<i>Diospyros lotus</i> L.	WR Persimmon	FR	North-eastern hills	Grafted trees retain production for centuries; Genetic resource
678	<i>Diospyros malabarica</i> Kostel. var. <i>siamensis</i> (Hochr.) C. Phengkhai syn. <i>D. peregrina</i> Gaertn.	WR Persimmon	FR	Peninsular region	Wild; Genetic resource
679	<i>Diospyros melanoxylon</i> Roxb.	Persimmon	FR	Peninsular region	Cultivated
680	<i>Diospyros pruriens</i> Dalz.	WR Persimmon	FR	Southern Western Ghats	Wild & Cultivated
681	<i>Diospyros sylvatica</i> Roxb.	WR Persimmon	FR	Peninsular region	Wild & Cultivated
682	<i>Diospyros tomentosa</i> Roxb.	WR Persimmon	FR	Peninsular region	Wild; Genetic resource
683	<i>Dipterocarpus indicus</i> Bedd.	Dipterocarp	AF	Southern Western Ghats	Timber
684	<i>Dipterocarpus manii</i> King ex Kanjilal et al.	Dipterocarp	AF	Assam	Timber

685	<i>Docynia hookeriana</i> Decne.	Indian crab apple	FR	North-eastern hills	Wild, minor fruits
686	<i>Docynia indica</i> Decne.	Indian crab apple	FR	North-eastern hills	Wild, Minor fruits
687	<i>Dolichos bracteatus</i> Baker.	Lablab bean	VE	Konkan hills	Wild; Genetic resource
688	<i>Dovyalis hebecarpa</i> (Gardner) Warb.	Ceylon gooseberry	FR	Recent Introduction	Introduction
689	<i>Duchesnea indica</i> (Andrews) Focke syn <i>Fragaria indica</i> Andrews	False strawberry, Indian-strawberry, mock strawberry	FR	Throughout the temperate and subtropic Himalayas, from Punjab to Assam, Khasi hills, W.Ghats, Nilgiris and Palni hills	Wild & Cultivated
690	<i>Durio zibethinus</i> L.	Durian	FR	Lower elevation of Nilgiris and West Coast	Cultivated
691	<i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemantis syn <i>Chenopodium ambrosioides</i> L.	Mexican Tea	MP	Western Himalayas	Source of an essential oil, used as anthelmintic



692	<i>Dysphania botrys</i> (L.) Mosyakin & Clemants syn <i>Chenopodium botrys</i> L.	Feather- geranium, Jerusalem- oak, Jerusalem- oak goosefoot	MP	Western Himalayas	Yields essential oil, used for catarrh and humoral asthama and anthelmintic
693	<i>Echinochloa colona</i> (L.) Link	Awnless barnyard grass, corn panic grass, Deccan grass, jungle ricegrass, jungle-rice, millet-rice, shama millet		Throughout India	Wild
694	<i>Echinochloa crus-galli</i> L.	WR Barnyard millet	ML	Eastern peninsular tract, Bengal plains and north-eastern region particularly Assam valley	Widespread in low lands, Cultivated
695	<i>Echinochloa frumentacea</i> (Link) syn.f <i>Panicum frumentaceum</i> Roxb.	Barnyard millet	ML	Many parts of India	Cultivated
696	<i>Echinochloa stagnina</i> (Retz.) P. Beauv. syn. <i>Panicum staninum</i> Retz.	WR Barnyard millet	ML	Peninsular India, North Eastern India	Genetic resource

697	<i>Eclipta prostrata</i> (L.) L.	Eclipta, yerba de tajo	MP	Many parts of India	Weed in wet swamp places
698	<i>Elaeis guineensis</i> Jacq.	African oil palm	FR	West coasts, Andhra Pradesh & Andamans	Introduced and cultivated
699	<i>Elaeocarpus angustifolia</i> L.	Eleaegnus	FR	Western Himalayas, Between 1800- 2000 m.	Wild
700	<i>Elaeocarpus floribundus</i> Blume	WR Rudraksh	AF	Northeastern hills & Assam plains	Wild
701	<i>Elaeocarpus munronii</i> (Wight) Mast.	WR Rudraksh	AF	Southern Western ghat	Wild
702	<i>Elaeocarpus prunifolius</i> (C. Muell.) Mast	WR Rudraksh	AF	Moist deciduous & semi- evergreen forests ; West Bengal (Darjeeling), Meghalaya, Manipur	Wild
703	<i>Elaeocarpus recurvatus</i> Corner	WR Rudraksh	AF	In Shola forests of W. Ghats between 2000 and 2500 m; Tamil Nadu, Kerala	Wild
704	<i>Elaeocarpus sphaericus</i> (Gaertn.) K. Schumann	Wooden begetter bead, The Utrasum bead tree	AF	Moist evergreen forests between 1500 and 2000 m; Bihar, West Bengal (Darjeeling), Sikkim, Arunachal Pradesh, Assam, Nagaland, Manipur and Maharashtra	Wild, also cultivated elsewhere
705	<i>Elettaria cardamomum</i> Maton	Cardamom	SP	Malabar region	Wild & Cultivated

706	<i>Eleusine compressa</i> (Forssk.) Asch. & Schweinf. ex C. Chr.	WR Finger millet	ML	North-western arid tracts	Drought tolerant
707	<i>Eleusine coracana</i> (L.) Gaertn. subsp. <i>africana</i> (Kenn.- O' Byrne) Hilu & de Wet	African finger millet	ML	Sub-Himalayan tract & semi-arid plains	Cultivated
708	<i>Eleusine coracana</i> (L.) Gaertn. subsp. <i>coracana</i>	Finger millet	FO	Sub-Himalayan tract & semi-arid plains	Cultivated
709	<i>Eleusine indica</i> (Linn.) Gaertn	WR Finger millet	ML	Many parts of India	Plains & hills (robust); Genetic resource
710	<i>Elymus dahuricus</i> Turcz. ex Griseb. subsp. <i>excelsus</i> (Turcz. ex Griseb.) Tzvelev syn: <i>Elymus tangutorum</i> (Nevski) Hand.-Mazz.	WR Elymus	CE/ML	Sikkim, Arunachal Pradesh, West Bengal (Darjeeling)	Wild
711	<i>Embelia gardeneriana</i> Wight	WR Vidanga	MP	Nilgiris hills	Wild; Genetic resource
712	<i>Embelia ribes</i> Burm.f	Vidanga	MP	NE India & Peninsular India	Wild; Genetic Resource
713	<i>Ephedra gerardiana</i> Wall. ex Stap f.	Ephedra	MP	Temperate North West Himalayas	Wild; Genetic Resource

714	<i>Eragrostis cilianensis</i> (All.) Vignola -Lutati ex F.T.Hubb.	Eragrostis, Gray love grass, Stink grass	FO	Throughout India	Wild
715	<i>Eragrostis deccanensis</i> Bor.	Deccan Love grass	FO	Deccan, endemic	Wild
716	<i>Eragrostis japonica</i> (Thunb.) Trin syn. <i>Eragrostis diarrhena</i> (Schult.) Steud.	Eragrostis	FO	Throughout India	Wild
717	<i>Eragrostis gangetica</i> (Roxb.) Steud.	Slimflower love grass	FO	Bihar, Manipur, Meghalaya, Punjab, Tamil Nadu, West Bengal	Wild
718	<i>Eragrostis pilosa</i> (L.) P. Beauv.	Hairy love grass, India love grass, Indian love grass	FO	Throughout India	Wild
719	<i>Eragrostis tenella</i> (L.) P. Beauv. ex Roem. & Schult.	Bug's egg grass, Japanese love grass	FO	Throughout the plains in India	Wild
720	<i>Eragrostis tremula</i> Hochst. ex Steud.	Rhoul love grass	FO	Himachal Pradesh, Manipur, Tamil Nadu, West Bengal	Wild

721	<i>Eragrostis unioloides</i> (Retz.) Nees ex Steud.	Eragrostis, Chinese love grass	FO	Throughout the plains in India, especially in wet places	Green manure
722	<i>Eragrostis unioloides</i> (Retz.) Nees ex Steud. var. tremela Jacob	Eragrostis	FO	Southern Western Ghats	Wild
723	<i>Eremopyrum bonaepartis</i> (Spreng.) Nevski	WR	CE/ML	Western Himalayas	Wild
724	<i>Eremopyrum distans</i> (K. Koch) Nevski	WR	CE/ML	Western Himalayas	Wild
725	<i>Eremopyrum orientale</i> (L.) Jaub. & Spach	WR	CE/ML	Western Himalayas	Wild
726	<i>Eremurus himalaicus</i> Baker	Foxtail lily	OR	N.W.Himalayas	Wild
727	<i>Eria andamanica</i> Hook.f.	Orchid	OR	Andaman islands	Wild
728	<i>Eria connata</i> Joseph et al.	Orchid	OR	Arunachal Pradesh	Wild
729	<i>Eria jengingensis</i> Hegde	Orchid	OR	Arunachal Pradesh	Wild
730	<i>Eria nicobarica</i> Balakr. & N.G.Nair	Orchid	OR	Nicobar islands	Wild
731	<i>Eria reticosa</i> Wolfe.	Orchid	OR	Western Ghats	Wild
732	<i>Eria tiagii</i> Manilal, Sathis Kumar et Wood	Orchid	OR	Western Ghats	Wild

733	<i>Eriobotrya petiolata</i> Hook. f.	WR Loquat	FR	Eastern Himalayas, Sikkim	Wild; Genetic Resource
734	<i>Eriobotrya angustissima</i> Hook.f.	WR Loquat	FR	North-eastern Region	Genetic Resource
735	<i>Eriobotrya benghalensis</i> Hook. f.	WR Loquat	AF	North-eastern Region	Genetic Resource
736	<i>Eriobotrya dubia</i> (Lindl.) Decne.	WR Loquat	FR	Eastern Himalayas, Sikkim, Uttar Pradesh	Genetic Resource
737	<i>Eriobotrya hookeriana</i> Decne.	WR Loquat	FR	Eastern Himalayas	Genetic Resource
738	<i>Eriobotrya japonica</i> (Thunb.) Lindl.	Loquat	FO	Throughout India	Cultivated
739	<i>Eruca sativa</i> Mill.	Taramira	OS	Sub Himalayan and Gangetic plains	Cultivated
740	<i>Eryngium foetidum</i> L.	false coriander, shadow-beni, stinkweed	MP	Eastern Himalayas, N.E. India, S.India	Naturalized, Leaves pickled in Sikkim
741	<i>Erythrina poeppigiana</i> (Walp.) O.F. Cook	Mountain Immortelle	FO	Karnataka	Introduced
742	<i>Erythrina resupinata</i> Roxb.	WR Coral tree	AF/OR	Gangetic plains and Central India	Wild & Cultivated
743	<i>Erythrina variegata</i> L.	Indian coral tree	AF/MP	Many parts of India	Wild & Cultivated

744	<i>Eucalyptus citriodora</i> Hook.	Eucalyptus	AF	Plains of North India, sub- mountain tracks	Introduction
745	<i>Eucalyptus globulus</i> Labill	Eucalyptus	AF	Sub-mountain tracks of India	Introduction
746	<i>Euchlaena mexicana</i> Schrad.	Makchari	FO	Introduced	Fodder
747	<i>Euonymus assamicus</i> Blakelock	Spindle tree	AF	Assam	Timber
748	<i>Euonymus lawsonii</i> Cl. & Pr	Spindle tree	AF	Garo-Khasia-Jaintia Hills	Timber
749	<i>Euphoria longan</i> (Lour.) Steud.	Longan, Ashphal	FR	Western Ghats, Upto 1200 m	Minor fruits
750	<i>Eurya japonica</i> Thumb.	Baunra	MP	Western Ghats	Green manure
751	<i>Euryale ferox</i> Salisb.	Fox nut	NUT	Fresh water bodies from Kashmir to Gangetic plains	Wild and Cultivated
752	<i>Fagopyrum cymosum</i> (Trevir.) Meisn.	Buckwheat	PC	Temperate Himalayas, Kashmir to Kumaon.	In forest clearing as under growth
753	<i>Fagopyrum emarginatum</i> Moench	Buck wheat	PC/WR	Himalayas	Wild, Genetic resource
754	<i>Fagopyrum esculentum</i> Moench.	Buckwheat	PC	Himalayan zone	Kashmir to Sikkim, Khasi hills, Cultivated
755	<i>Fagopyrum tataricum</i> (L.) Gaertn.	Buckwheat	FR	Himalayan zone, at altitude 1000- 3000 m	Cultivated

756	<i>Fagus sylvatica</i> L. subsp. <i>sylvatica</i>	Common beech	OR/FO	Temperate West Himalayas	Introduced and Cultivated
757	<i>Falcataria moluccana</i> (Miq.) Barneby & J W Grimes, syn. <i>Albizia falcataria</i> (L.) Fosberg	Moluccana albizia	AF/FO	Kerala, Tamil Nadu and West Bengal	Introduced and Cultivated
758	<i>Farsetia hamiltonii</i> Royle		VE	Jodhpur-Bikaner arid region-Thar desert	Pot-herb
759	<i>Farsetia jacquemontii</i> Hook. f. & Thomson	Farid buti	VE	North- Western parts of India	Pot- herb
760	<i>Ferula asafoetida</i> L.	Asafoetida	FO	Kashmir	Cultivated
761	<i>Ferula jaeschkeana</i> Vatke	WR Asafoetida	WR	Himachal Pradesh, Jammu and Kashmir, Uttar Pradesh	Wild
762	<i>Ferula narthex</i> Boiss.	Hing, asafoetida	WR	Jammu and Kashmir	Wild
763	<i>Ferula wolffii</i> Korovin	WR Asafoetida	WR	North Western Himalaya in Himachal Pradesh	Wild
764	<i>Festuca rubra</i> L. subsp. <i>rubra</i>	Red fescue	FO	Temperate North West Himalyas	Introduced and Cultivated
765	<i>Ficus auriculata</i> Lour.	Roxburgh fig	FR	Outer Himalayas from Punjab eastwards to Bhutan, Assam, Khasi hills, Chota Nagpur, Orissa	Wild



766	<i>Ficus benghalensis</i> L.	Banyan	FR	Many parts of India	Wild & Cultivated
767	<i>Ficus carica</i> L.	Common fig	FR	Many parts of India	Cultivated
768	<i>Ficus elastica</i> Roxb. ex Hornem.	Indian rubber	FR	Many parts of India	Cultivated, Grown in Gardens
769	<i>Ficus exasperata</i> Vahl.	Wild Fig	FO	Many parts of India	Wild
770	<i>Ficus hookeri</i> Sweet	Wild Fig	FO	Many parts of India	Wild
771	<i>Ficus neerifolia</i> Sm. var. <i>nemoralis</i> (Wall. ex Miq.) Corner	Wild Fig	FO	Many parts of India	Wild
772	<i>Ficus palmata</i> Forssk.	Wild Fig	FR	Sub-Himalayan tract, Western Himalaya	Relative of <i>Ficus carica</i> L.
773	<i>Ficus racemosa</i> L.	Cluster fig	MP/FO	Tropical and subtropical India	Wild, Multiple uses
774	<i>Ficus religiosa</i> L.	Pipal	FR	Many parts of India	Wild & Cultivated
775	<i>Ficus semicordata</i> Buch.-Ham. ex Sm.	Wild Fig	FO	Upper Gangetic plains	Wild
776	<i>Ficus variegata</i> Blume	Red-stem fig	FO	Andaman and Nicobar Islands	Wild
777	<i>Flacourtia indica</i> (Burm. f.) Merr., syn. <i>F. sepiaria</i> Roxb.	Paker	FR	Tropical India	Wild & Cultivated

778	<i>Flacourtia jangomas</i> (Lour.) Raeusch.	Paniala	FR	Tropical India	Cultivated
779	<i>Flemingia strobilifera</i> (L.) Aiton f. syn. <i>Flemingia bracteata</i> Wight	Bhalia	MP/TC	Most parts of India	Wild
780	<i>Flemingia procumbens</i> Roxb.	Salpan	MP/TC	Assam, Himachal Pradesh, J& K, Meghalaya, Punjab, Sikkim, Tamil Nadu	Wild
781	<i>Foeniculum vulgare</i> Mill.	Fennel	FR	Arid & Semi arid zone	Cultivated
782	<i>Fragaria daltoniana</i> Gay	WR Strawberry	FR	Eastern Himalayas	Genetic resource
783	<i>Fragaria nilgerrensis</i> Schltdl. ex Gay	WR Strawberry	FR	Western Ghats & Eastern Himalayas	Genetic resource
784	<i>Fragaria vesca</i> L.	WR Strawberry	FR	Eastern Himalayas	Genetic resource
785	<i>Fraxinus floribunda</i> Wall.	Himalayan manna ash	MP	Himachal Pradesh, Jammu and Kashmir, Punjab, Sikkim, Uttar Pradesh	Wild
786	<i>Fraxinus xanthoxyloides</i> (G. Don) Wall ex DC.	Afghan ash	MP	Kashmir to Kumaon, N.W. Himalayas.	Wild
787	<i>Garcenia atroviridis</i> Griff. ex T. Anderson	WR Mangosteen	FR	Eastern and north-eastern India	Wild

788	<i>Garcenia cambogia</i> Desr.	Mangosteen	FR	Western humid tracts of India	Wild and Cultivated
789	<i>Garcenia pedunculata</i> Buch. -Ham.	WR Mangosteen	FR	Eastern Himalayas and north-eastern India	Large edible fruit, substitute for lemon in khasi hills
790	<i>Garcinia andamanica</i> King var. <i>andamanica</i>	WR Mangosteen	AF	Andaman Islands	Genetic resource
791	<i>Garcinia cadelliana</i> King & Pantl	Mangosteen	FR	Island eco-region	Genetic resource
792	<i>Garcinia cowa</i> Roxb. ex DC.	Cowa	FR	Eastern India & north-eastern hills	Genetic resource
793	<i>Garcinia gummigutta</i> (L.) Robs.	Mangosteen Matka imli	FR	Southern Western Ghats	Rind of fruit used as condiment
794	<i>Garcinia hombroniana</i> Pierre.	Mangosteen	FR	Eastern Himalayas & Nicobar Islands	Genetic resource
795	<i>Garcinia indica</i> Choisy	Kokam	FR	Western Ghats	Wild & Cultivated
796	<i>Garcinia kurzii</i> Pierre	WR Mangosteen	FR	Andaman islands	Genetic resource
797	<i>Garcinia mangostana</i> L.	Mangosteen	AF	Southern Peninsular India & North East India	Cultivated

798	<i>Garcinia morella</i> (Gaerntn.) Desr.	Indian Gamboge tree	FR	Western Ghats and North East India	Wild & Cultivated
799	<i>Garcinia sopsopia</i> (Buch-Ham) Mabberley	Sopsopia	FR	Sikkim Himalayas & North East India	Genetic resources
800	<i>Garcinia spicata</i> (Wight & Arn.) Hook.f.	WR Mangosteen	FR	Eastern, Western Ghats & north-eastern India	Wild & Cultivated
801	<i>Garcinia wightii</i> T. Anders.	WR Mangosteen	MP	Southern Western Ghats	Genetic resource
802	<i>Garcinia xanthochymus</i> Hook. f.	WR Mangosteen	FR	Eastern Himalayas, North East India, Eastern & Western Ghats, Andaman Island	Genetic resource
803	<i>Geranium pinetophium</i> R.Kunth	Geranium	OR	Kashmir Himalayas	Essential oil
804	<i>Girardinia palmata</i> (Forsk.) Gaudich	Nilgiri nettle	FI	Southern W.Ghats	Bark yield fibre
805	<i>Gliricidia sepium</i> (Jacq.) Walp.	Gliricidia/ Quickstick	FO/AF	Many parts of India	Cultivated
806	<i>Gloriosa superba</i> L.	Karihari	GL	Many parts of India	Cultivated
807	<i>Glycine max</i> (L.) Merrill. syn <i>Glycine soja</i> Siebold & Zucc.	Soybean	GL	Cultigen not known in wild; Grown as green legume in hot humid zones of India	Introduced

808	<i>Glycyrrhiza glabra</i> L.	Liquorice, Mulhatti	MP	Semi arid zone	Cultivated
809	<i>Goodyera alveolatus</i> U.C.Pradhan	Orchid	OR/MP	Sikkim Himalayas	Wild
810	<i>Goodyera recurva</i> Lindl.	Orchid	OR	Khasia hills, Meghalaya	Wild
811	<i>Gossypium arboreum</i> L.	Cotton	FI	Chittagong hills, Tripura and Mizoram	Cultivated
812	<i>Gossypium barbadense</i> L.	Cotton	FI	Many parts of India	Cultivated
813	<i>Gossypium herbaceum</i> L.	Cotton	FI	Many parts of India	Cultivated
814	<i>Gossypium hirsutum</i> L.	Cotton	FI	Many parts of India	Cultivated
815	<i>Grewia asiatica</i> L.	Phalsa	FR	Gangetic plains, Western Himalayas and in Western Ghats	Cultivated
816	<i>Grewia damine</i> Gaertn.	WR Phalsa	FR	Himalayas, Central India & Western Ghats	Wild, Genetic resource
817	<i>Grewia optiva</i> J. R. Drumm. ex Burret	Biul, Biung, Bhimal	FO/FR	Punjab to Bengal ascending to an altitude of 7,000 ft. in the Himalayas	Wild
818	<i>Grewia subinaequalis</i> DC.	WR Phalsa	FR	Throughout the greater parts of India	Cultivated
819	<i>Grewia tenax</i> (Forssk.) Fiori	WR Phalsa	FR	Central, western India & Deccan plateau	Wild

820	<i>Grewia villosa</i> Willd.	WR Phalsa	FR	Central & Western India.	Dry location
821	<i>Guaiacum officinale</i> L.	Gum guaiacum	CC	Arid region	Resin used in medicine
822	<i>Guizotia abyssinica</i> (L.f.) Cass.	Niger	OS	Central India	Cultivated
823	<i>Gymnema sylvestre</i> (Retz.) Schult.	Gurmar	MP	Peninsular India	Wild and cultivated, used in medicine
824	<i>Habenaria grandiflora</i> (Bigelow) Torr	Orchid	OR	Western Ghats	Wild
825	<i>Hardwickia binata</i> Roxb	Anjan	AF	Dry districts of Deccan	Wood
826	<i>Hedychium ellipticum</i> Smith var. <i>asraoii</i> Srivastava & Jain	Ginger lily	OR	Khasia-Jaintia hills, Meghalaya	Wild, Genetic resource
827	<i>Helianthus annuus</i> L.	Sunflower	FO	Many parts of India	Introduced, Cultivated
828	<i>Helianthus tuberosus</i> L.	Jerusalem artichoke	OS	Assam Bengal plains & semi-arid Deccan plateau	Introduced
829	<i>Hemidesmus indicus</i> (L.) W.T.Aiton	East Indian-sarsaparilla, Indian-sarsaparilla	MP	Andhra Pradesh, Assam, Bihar, Dadra and N.Haveli, Goa, Gujarat, Haryana, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Orissa, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal	Wild

830	<i>Heteropogon contortus</i> (L.) P. Beauv ex Roem. & Schult.	Spear grass	OR	Many parts of India	Wild
831	<i>Hevea brasiliensis</i> (Willd. ex A. Juss.) Mull. Arg.	Para rubber tree	FO	Kerala, Tripura & Andaman Islands	Cultivated
832	<i>Hibiscus cannabinus</i> L.	Kenaf	AF	Many parts of India	Semi-wild in Deccan peninsula, Cultivated
833	<i>Hibiscus radiatus</i> Cav.	Kenaf	FI	Plains of India	Cultivated
834	<i>Hibiscus sabdariffa</i> L.	Roselle	FI	North and Central plains	Cultivated
835	<i>Hibiscus surattensis</i> L.	Ranbhindi	FI	Gangetic plains, Deccan peninsula & Western Ghats	Genetic resource
836	<i>Hibiscus tiliaceus</i> L.	Coast cotton tree	FI/MP	Eastern and western coasts of India.	Banks of tidal streams & mangroves, wild and cultivated
837	<i>Hippophae rhamnoides</i> L.	Seabuckthorn	FI	Cold arid region, Ladakh between 900-3600 m	Wild
838	<i>Hippophae salicifolia</i> D. Don	Seabuckthorn	FR	Cold arid region, Ladakh	Wild
839	<i>Hippophae tibetana</i> Schltr.	Seabuckthorn	FR	Cold arid region, Ladakh	Wild

840	<i>Hodgsonia heteroclita</i> (Roxb.) Hook.f. & Thomson	Gulur	OS	Sikkim, Assam & Bengal	Wild
841	<i>Holoptelia integrifolia</i> (Roxb.) Planch.	Indian elm	MP/ FO/AF	Many parts of India	Wild and Cultivated
842	<i>Hopea glabra</i> Wt and Arn.		AF	Southern W. Ghats	Wild
843	<i>Hopea parviflora</i> Bedd.	Iron wood of Malabar	F	Southern W. Ghats	Wild
844	<i>Hopea shingkeng</i> (Dunn) Bor		AF	Abor hills, Arunachal Pradesh	Wild
845	<i>Hopea wightiana</i> Wall.	Pongu	AF	Southern W. Ghats	Wild
846	<i>Hordeum aegiceras</i> Nees ex Royle	WR Barley	CE	North Western Himalayas	Genetic resource
847	<i>Hordeum brevisubulatum</i> (Trin.) Link	WR Barley	CE	N. W. Himalayas	Genetic resource
848	<i>Hordeum brevisubulatum</i> (Trin.) Link subsp. <i>nevskianum</i> (Bowden) Tzvelev	WR Barley	CE	N. W. Himalayas	Genetic resource
849	<i>Hordeum brevisubulatum</i> (Trin.) Link subsp. <i>turkestanicum</i> Tzvelev	WR Barley	CE	N. W. Himalayas	Genetic resource
850	<i>Hordeum agriocrithon</i> Aberg.	WR Barley	CE	Eastern Himalayas	Ancestor of cultivated barley
851	<i>Hordeum glaucum</i> Steud.	WR Barley	CE	North-western Himalayas	WR Genetic resource



852	<i>Hordeum leporinum</i> Link	WR Barley	CE	North western Himalayas	Genetic resource
853	<i>Hordeum marinum</i> Huds. subsp. <i>gussoneanum</i> (Parl.) Thell.	WR Barley	CE	N.W. Himalayas	Genetic resource
854	<i>Hordeum spontaneum</i> Koch.	WR Barley	CE	North western Himalayas	Alpine grass mixed vegetation high altitude
855	<i>Hordeum turkestanicum</i> Nevski	WR Barley	CE	North western Himalayas, High altitude 3000 m	Genetic resource
856	<i>Hordeum vulgare</i> L.	Barley	CE	Many parts of India	Cultivated
857	<i>Hoya wightii</i> Hook.f.	Wax plant	MP	Southern Western Ghats & Bastar	Wild
858	<i>Hydnocarpus kurzi</i> (King.) Warb.	Chaul mugra	MP	Assam & Tripura	Wild, Chaulmoogra oil, for leprosy
859	<i>Hydnocarpus macrocarpa</i> (Bedd.) Warb.	Wild Chaulmugra	OS/MP	Southern Western Ghats	Wild and Cultivated
860	<i>Hymenodictyon obovatum</i> Wall.	Bhurkhum	MP	Southern W. Ghats	Wild, bark substitute for quinine
861	<i>Hyoscyamus muticus</i> L.	Henbane	MP	Eastern India	Wild
862	<i>Hyoscyamus niger</i> L.	Henbane	MP	Hilly areas at 1500-3500m	Wild

863	<i>Impatiens balsamina</i> L.	Balsam	OR	Many parts of India	Cultivated; Naturalized
864	<i>Indigofera cedrorum</i> Dunn	WR Indigo	CC	Lahul to Kumaon Himalayas, N.W.Himalayas	Dye yielding
865	<i>Indigofera coerulea</i> Roxb. var. <i>monosperma</i> (Sant.) Sant.	WR Indigo	MP	Kaithiawar	Dye yielding
866	<i>Indigofera deccanesis</i> Sanj.	WR Indigo	MP	North West Deccan Plateau, endemic	Green manure
867	<i>Indigofera dosua</i> Buch.-Ham. ex D. Don var. <i>simlensis</i> (Ali) Sanj	WR Indigo	FO	Lahul to Kumaon Himalayas, N.W.Himalaya	Dye yielding
868	<i>Indigofera gangetica</i>	WR Indigo	MP	Upper Gangetic plains	Shrub manure & fodder
869	<i>Indigofera glandulosa</i> Roxb. ex Willd. var. <i>sykesii</i> Griff.	WR Indigo	FO/MP	Northern Deccan	Forage, seeds has three times protein of wheat
870	<i>Indigofera tinctoria</i> L.	Indigo	CC/MP	All over India, native and cultivated in Bihar and Manipur	Cultivated
871	<i>Indopiptadenia oudhensis</i> (Brandis) Brebant		FO	Gangetic plains	Wild, Lopped for cattle fodder
872	<i>Ipomoea aquatica</i> Forsk.	Swamp cabbage/ Ipomoea	VE/MP	Gangetic plains	Wild

873	<i>Ipomoea batatas</i> (L.) Lam.	Sweet potato	VE	Many parts of India	Cultivated
874	<i>Ipomoea cairica</i> (L.) Sweet var. <i>semineglabra</i> (Blatt. & Hallb.) Bhandari	Railway creeper	OR	Jaisalmer in western Rajasthan	Wild
875	<i>Ipomoea pes-trigradis</i> L.	Ghiabati	FO	Many parts of India	Cultivated
876	<i>Iris duthiei</i> Foster	Iris	OR	N.W.Himalayas	Perfume & flavour
877	<i>Iris hookeriana</i> Foster	Iris	OR	N.W.Himalayas	Perfume & flavour
878	<i>Iris kashmiriana</i> Baker	Kashmir Iris	OR	N.W.Himalayas	Perfume & flavour
879	<i>Iseilema holei</i>	WR Mashan		Lower gangetic plains	Wild relative
880	<i>Iseilema laxum</i> Hack.	Mushan, mushel	FO	Nearly throughout India, widely grown in Nellore (Andhra Pradesh)	Cultivated in low lying water logged areas
881	<i>Ixonanthus khasiana</i> Hook.f.		AF	Meghalaya	Wild
882	<i>Ixora andamanica</i> Bremek	Andaman Ixora	OR	Andaman islands	Wild
883	<i>Ixora goalparensis</i> Bremek	Assam Ixora	OR	Assam	Wild

884	<i>Ixora nicobarica</i> Bemek	Nicobar Ixora	OR	Andaman & Nicobar islands	Wild
885	<i>Ixora notoniana</i> Wall. ex D.Don		OR	Southern W. Ghats	Wild, endemic
886	<i>Ixora rosella</i> Kurz		OR	Andaman & Nicobar	Ornamental; Fire wood
887	<i>Jacaranda acutifolia</i> Humb. & Bonpl. syn <i>J. mimosaeifolia</i> D. Don.	Jacaranda	AF/OR	Many parts of India	Cultivated in gardens
888	<i>Jasminum angustifolium</i> Vahl.	WR jasmine	OR	Eastern Ghats, Westen Ghats	Wild, Genetic resource
889	<i>Jasminum arborescens</i> Roxb.	Tree jasmine	MP	Western Himalayas, Gangetic plains, Eastern Ghats, tropical NW.Himalaya, Deccan Peninsula, 200-1000 m.	Wild, Genetic resource
890	<i>Jasminum attenuatum</i> Roxb. ex. G.Don	Jasmine	OR	Eastern Himalayas, North-eastern Region	Wild, Genetic resource
891	<i>Jasminum auriculatum</i> Vahl.	Juhi	MP	Deccan peninsula	Wild, Genetic resource
892	<i>Jasminum azoricum</i> L.	Jasmine	OR	Eastern Himalayas, North-eastern Region	Cultivated
893	<i>Jasminum flexile</i> Vahl	Jasmine	OR	Eastern Himalayas, North-eastern Region, Eastern Ghats, Western Ghats	Cultivated

894	<i>Jasminum fruticans</i> L.	Jasmine	MP	North-eastern region	Wild, Genetic resource
895	<i>Jasminum humile</i> L.	Yellow Jasmine	MP	Western Himalayas, Indus plains & Western Ghats	Cultivated
896	<i>Jasminum lanceolarium</i> Roxb.	Jasmine	OR	North-eastern Region	Cultivated
897	<i>Jasminum malabaricum</i> Wight.	Mogra	OR	Western Ghats	Wild, Genetic resource
898	<i>Jasminum mesnyi</i> Hance.	Primrose jasmine, Yellow jasmine, Japanese jasmine	OR	Western Ghats extending from Dakshin Kannada to Kanyakumari	Wild, Genetic resource, large scentless fruit
899	<i>Jasminum multiflorum</i> (Burm.f.) Andr.	Star Jasmine	MP	Western Eastern Himalayas, Northern plains & Western Ghats	Wild & Cultivated
900	<i>Jasminum officinale</i> L. syn. <i>J. grandiflorum</i> L.	Spanish Jasmine	OR	Western Himalayas	Cultivated, widely grown in garden
901	<i>Jasminum parkeri</i> Dunn	WR Jasmine	OR	Lahul Himalaya, Uttarkhand in N.W.Himalaya	Shrub
902	<i>Jasminum ritchiei</i> C.B.Clarke	Jasmine	MP	Western Himalayas	Wild, Oil used in toothache

903	<i>Jasminum rottlerianum</i> Wall ex DC.	Jasmine	MP	Western Himalayas	Wild
904	<i>Jasminum scandens</i> Vahl	Jasmine	MP	Eastern Himalayas, Gangetic plains, Eastern Ghats	Wild, roots used in ring worm
905	<i>Jatropha curcas</i> L.	Physic nut	OS	Many parts of India	Cultivated & Naturalized
906	<i>Jatropha gossypifolia</i> L.	Purging nut	OS	Many parts of India	Cultivated
907	<i>Jatropha villosa</i> Wight var. <i>ramnadensis</i> Raman	WR Physic nut	OS	Southern E. Ghats	Wild
908	<i>Jejosephia pusilla</i> (Joseph & Deka) A.S. Rao & Mani	Orchid	OR	Khasia -Jaintia hills, Meghalaya	Wild
909	<i>Juglans regia</i> L.	Walnut, Akhroth	FR	Himalayan zone & Assam hills	Cultivated
910	<i>Juniperus communis</i> L.	Juniper	AF	Himalayan region at 5000-14000 ft.	Wild & Cultivated
911	<i>Juniperus macropoda</i> Boiss.	Indian Juniper	F/ AF	Himalayas	Wild

912	<i>Justicia adhatoda</i> L. syn <i>Adhatoda vasica</i> Nees	Malabar-nut, Malabar-nut-tree, pavettia, vasaka , adotodai, adulsa	MP	Tropical and subtropical India; frequent in cultivation	Fresh or dried leaves are source of the dry vasaka, used in bronchial problems
913	<i>Kaempferia galanga</i> L.	Galanga		NE India & South Peninsular India	Cultivated
914	<i>Kengyilia thoroldiana</i> (Oliv.) J. L. Yang <i>et al.</i> syn <i>Elymus thoroldianus</i> (Oliv) G. Singh		WR	Sikkim Himalayas	Genetic resource
915	<i>Lablab purpureus</i> (L.) Sweet	Hyacinth-bean	Food, Forage, Medicine	Introduced; cultivated and naturalized in most parts of India	Cultivated
916	<i>Lablab purpureus</i> (L.) Sweet subsp. <i>benghalensis</i> (Jacq.) Verdc.	Lablab bean	VE	Many parts of India	Cultivated
917	<i>Lactuca cooperi</i> Anthony	WR Garden lettuce	MP	Eastern Himalayan region	Genetic resource

918	<i>Lactuca remotiflora</i> DC.	WR Garden lettuce	MP	Gangetic plains, Indus plains, Eastern Ghats	Wild, Genetic resources
919	<i>Lactuca runcinata</i> DC. syn <i>L. heyneana</i> DC.	WR Garden lettuce	MP	Many parts of India	Weed, Genetic resources
920	<i>Lactuca sativa</i> L.	Garden lettuce	VE	Many parts of India	Cultivated
921	<i>Lactuca serriola</i> L. syn. <i>L. scariola</i> L.	Prickly lettuce	VE	Western Himalayan region	Wild.
922	<i>Lagenaria siceraria</i> (Molina) Standley	Bottle Gourd	VE	Many parts of India	Cultivated
923	<i>Lagerstroemia parviflora</i> Roxb	Lagerstroemia	OR/FO	Many parts of India, Upto 900 m in Himalayas	Strong , heavy, hard wood
924	<i>Lansium domesticum</i> Correa	Duku	FR	Nilgiri and south India	Cultivated
925	<i>Lasiurus scindicus</i> Henrard		FO	North-west India	Wild
926	<i>Lathyrus aphaca</i> L.	Yellow vetch	FO	Northern plains/upper, Gangetic plains, Central and East India	Weedy type
927	<i>Lathyrus odoratus</i> L.	Sweet Pea	GL	European domesticate, Grown in north, north-west, central India and Tamil Nadu.	Cultivated in gardens



928	<i>Lathyrus sativus</i> L.	Grass pea	GL	Apparently wild in western Himalayas, widely cultivated for fodder and forage in northern, central and western India, Upto 1200 m,	Cultivated
929	<i>Lawsonia inermis</i> L.	Henna , Jamaica- mignonette, mignonette- tree,		Throughout India; cultivated mainly in Gujarat, Punjab and to a small extent in Madhya Pradesh and Rajasthan	Cultivated
930	<i>Lavandula angustifolia</i> Mill.	True lavender	OR	Kashmir and some parts of Nilgiri	Introduced
931	<i>Leersia hexandra</i> Swartz.	Jungli dhan	FO	North-eastern hills	Semi-aquatic habitats
932	<i>Lens culinaris</i> Medic, syn. <i>Lens esculenta</i> Moench	Lentil	GL	Widely cultivated in hotter parts of India	Cultivated
933	<i>Lepidium sativum</i> L.	Garden cress	SP/VE	Many parts of India	Cultivated
934	<i>Leucaena leucocephala</i> Lam.	Subabul	FO	Many parts of India	Introduced & Cultivated
935	<i>Lilium mackinliae</i> Sealy		OR/MP	Manipur.	Leaves used in skin disease
936	<i>Lilium neilgherrense</i> Wight	Nilgiri lily	OR	Nilgiris to Travancore hills in southern W.Ghats	Genetic resource, grown for fragrant flowers

937	<i>Lilium roseum</i> Wall. ex Hook.f		OR	N.W.Himalayas	Genetic resource
938	<i>Lilium thomsoniaum</i> Royle		OR	N.W.Himalayas	Genetic resource
939	<i>Limonia acidissima</i> L.	Wood apple	FR	Subtropical Himalayas & Peninsular India	Cultivated
940	<i>Linum mysorense</i> Heyne	WR Linseed	OS	Western Ghats & Western Himalayas, Upto 1800 m	Genetic resource, Collateral host of linseed rust
941	<i>Linum perenne</i> L.	WR Linseed	OR	North-Western Himalayas, cold-hardy up to 4000 m	Genetic resource
942	<i>Linum strictum</i> L.	WR Linseed	FO/MP	Western Himalayas & Northwestern plains	Wild, Genetic resource
943	<i>Linum usitatissimum</i> L.	Linseed	OS	In North & Peninsular India	Cultivated
944	<i>Liparis assamica</i> King & Pantl	Orchid	OR	Khasia - Jaintia hills, Meghalaya	Genetic resource
945	<i>Liparis gamblei</i> Hook.f.	Orchid	OR	Sikkim	Genetic resource
946	<i>Listera altrnifolia</i> King & Pantl	Orchid	OR	Sikkim	Genetic resource
947	<i>Listera brevicaulis</i> King & Pantl	Orchid	OR	Sikkim	Genetic resource
948	<i>Listera divaricata</i> Panigr. & P.Taylor	Orchid	OR	Arunachal Pradesh	Genetic resource
949	<i>Listera nandadeviensis</i> Hajra	Orchid	OR	Uttarkhand in N.W.Himalayas	Genetic resource

950	<i>Litchi chinensis</i> (Gaertn.) Sonne.	Litchi	FR	Gangetic plains	Cultivated
951	<i>Litsea lancifolia</i> Roxb. var. <i>alternifolia</i> Meissn		AF	Sikkim	Wild, wood suitable for construction purpose
952	<i>Lolium perenne</i> L.	English rye grass	FO	North-West India	Wild
953	<i>Luffa hermaphrodita</i> Singh & Bhandari	Ridge Gourd	VE	Gangetic plains	Genetic resource
954	<i>Luffa acutangula</i> (L.) (Roxb.)	Ridged Gourd	VE	Throughout India	Cultivated
955	<i>Luffa acutangula</i> var. <i>amara</i> (Roxb.) C.B. Clarke	Ridged gourd	VE	India , Sri Lanka	Cultivated
956	<i>Luffa cylindrica</i> (L.) M. J. Roem syn. <i>L. aegyptiaca</i> Mill.	Sponge Gourd	VE	All over India	Cultivated
957	<i>Luffa echinata</i> Roxb.	WR Sponge Gourd	VE	North Western Himalayas, Gangetic plains	Wild
958	<i>Luffa graveolens</i> Roxb.	WR Sponge Gourd	VE	North-Eastern plains.	Cultivated
959	<i>Luffa umbellata</i> (Klein) M.Roem.	Ridged gourd	VE	Western Ghats extending from Dakshin Kannada to Kanyakumari	Wild, cultivated

960	<i>Lycopersicon esculentum</i> Mill.	Tomato	VE	Many parts of India	Cultivated
961	<i>Macadamia ternifolia</i> F. Muell.	Macadamia nut	FR	Nilgiri, Mysore and U.P	Introduced & Cultivated
962	<i>Macrotyloma uniflorum</i> (Lamk.) Verdc var. <i>uniflorum</i>	Horse gram	GL	Many parts of India	Cultivated
963	<i>Madhuca diplostemon</i> (C.B. Clarke) van Royen	Mahua	AF	Leeward Semi-arid Deccan plateau	Wild
964	<i>Madhuca longifolia</i> (L.) Macbride var. <i>latifolia</i> (Roxb.) A.Chev.	Mahua	AF	Many parts of India	Wild & cultivated
965	<i>Magnolia caveana</i> (Hook.f. & Thomson) Raju & Nayar	Magnolia	OR	Assam	Wild, Large showy flowers
966	<i>Madhuca longifolia</i> (L.) Macbride var. <i>longifolis</i>	Mohua	AF	Many parts of India	Wild and cultivated
967	<i>Magnolia gustavii</i> King	Magnolia	OR	Assam	Wild, Large showy flowers
968	<i>Mahonia magnifica</i> Ahrendt		MP	Manipur hills	Wild, Small tree with yellow flower
969	<i>Mahonia roxburghii</i> (DC.) Takeda		MP	Manipur hills	Wild, Shrub
970	<i>Mahonia simonsii</i> Takeda		MP	Khasi hills	Shrub

971	<i>Malpighia glabra</i> L.	Barbados cherry	FR	Many parts of India	Introduced, Cultivated
972	<i>Malpighia puniceifolia</i> L.	West Indian cherry, vallari	FR	Peninsular India	Cultivated
973	<i>Malus baccata</i> (L.) Borkh.	WR apple	FR	Western & Eastern Himalayas, North-eastern hills, Between 1800-3000 m	Wild and cultivated as ornamental
974	<i>Malus pumila</i> Mill.	Apple	FR	Western Himalayas	Cultivated
975	<i>Malus sikkimensis</i> (Wenz.) Koehne ex Schneider	WR apple	FR	Sikkim Himalayas	Genetic resource
976	<i>Malva rotundifolia</i> L.	Khubasi	VE/MP	Western Himalayas, Northern plains & Deccan peninsula	Cultivated
977	<i>Malva sylvestris</i> L.	Khubasi	VE	Many parts of India	Wild & Cultivated
978	<i>Malva verticillata</i> L.	Mallow, Lapha	VE	Temperate Himalayas & Nilgiris, Upto 3600 m,	Cultivated
979	<i>Mangifera andamanica</i> King	WR Mango	FR	Andaman & Lakshadweep Islands	Genetic resource
980	<i>Mangifera camptosperma</i> Pierre	WR Mango	FR	Andaman & Nicobar Islands	Wild, Genetic resource

981	<i>Mangifera indica</i> L.	Mango	FR	Many parts of India	Wild in forests, Cultivated
982	<i>Mangifera khasiana</i> Pierre.	Mango	FR	N.E India (Assam & Khasi hills)	Genetic resource
983	<i>Mangifera sylvatica</i> Roxb.	Mango	FR	North-eastern region, Shillong plateau, Andaman islands	Genetic resource
984	<i>Manihot esculenta</i> Crantz	Cassava	TC	Tropical india	Cultivated
985	<i>Manilkara hexandra</i> (Roxb.) Dubard = <i>Mimusops hexandra</i> Roxb.	Khirini	FR	Tropical India	Fruit edible, Wild and Cultivated, Genetic resource
986	<i>Manilkara zapota</i> (L.) P. Royen = <i>Achras zapota</i> L.	Sapote, chiku	FR	Many parts of India	Cultivated
987	<i>Maoutia puya</i> Wedd.	Nepal hemp	FI	East Himalayas & NE India	Wild, bark yield strong fibre
988	<i>Maranta arundinacea</i> L.	Arrowroot	FR	Many parts of India	Introduced & Cultivated
989	<i>Matricaria chamomila</i> L.	Chamomile	MP	Western Himalayas & Punjab	Aromatic
990	<i>Meconopsis aculeata</i> Royle	Blue Poppy	MP	Himachal Pradesh, Jammu & Kashmir, Punjab, Uttar Pradesh	Wild , Narcotic property

991	<i>Medicago lupulina</i> L.	black medic, hop-clover, non-such, yellow trefoil	Forage	Indo-gangetic plains	Lenitive properties
992	<i>Medicago monantha</i> (C.A. Mey.) Trautv. syn. <i>Trigonella polycerata</i> auct non L.	Clover	SP	Northern plains, Upto 1800 m	Cultivated
993	<i>Medicago polymorpha</i> L. syn. <i>Medicago hispida</i> Gaertn.	Bur medic, California bur-clover, hairy medic, toothed bur-clover, toothed medic	FO/ Food & Drink	Bihar, Delhi, Gujarat, Haryana, Himachal Pradesh, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal	Cultivated
994	<i>Medicago sativa</i> L.	Alfalfa	FO	N.W.Himalayas (Ladakh), Punjab, North-west, central and eastern India.	Widely cultivated and naturalized
995	<i>Melia azedarach</i> L.	Bead tree	FI	Sub himalayan tract, Up to 1800 m	Cultivated as well as escape
996	<i>Melilotus albus</i> Medik.	White Sweet Clover	FO	Many parts of India, Up to 4000 m	Cultivated

997	<i>Melilotus indicus</i> L.	Indian Sweet Clover	FO	Many parts of India	Cultivated
998	<i>Melocanna bambusoides</i> Trin.	Bamboo	CC	North - Eastern India	Important source for paper pulp.
999	<i>Mentha arvensis</i> L.	Wild mint	MP/SP	Western Himalayas, Nilgiri and Mysore	Cultivated
1000	<i>Mentha arvensis</i> L. subsp. <i>haplocalyx</i> Birig var. <i>pepessence</i> Holmes	Japaneas peppermint	SP	Western Himalayas, Nilgiri and Mysore	Cultivated
1001	<i>Mentha piperita</i> L.	Peppermint	SP	Western Himalayas, Nilgiri and Mysore	Cultivated
1002	<i>Mentha spicata</i> L.	Pahari podina	SP	Western Himalayas, Nilgiri and Mysore	Cultivated
1003	<i>Mesua ferrea</i> L.	Indian rose chestnut	AF	Tropical Islands	Avenue tree with shiny flower
1004	<i>Mesua ferrea</i> L. subsp. <i>pulchella</i> (Planch. & Triaba) Vesque var. <i>coromandeliana</i> (Wight.) Mahesh	Nag kesar	MP	Southern W.Ghats	Wild and Cultivated



1005	<i>Michelia champaca</i> L.	Champa	OR	Eastern Himalayas and Western Ghats.	Wild and Cultivated in gardens and temples for fragrant flowers
1006	<i>Michelia mannii</i> King	Champa	OR/ WR	Assam	Wild and Cultivated
1007	<i>Millettia extensa</i> (Benth.) Baker syn <i>M. auriculata</i> Baker ex Brandis	Pattani	FO	East and N. Himalayas, East, Nort-west and Central India	Fish poison
1008	<i>Millettia rubiginosa</i> Wight. & Arn.		OR	Southern Western Ghats	Climber
1009	<i>Millettia splendens</i> Wight. & Arn.		OR	Southern Western Ghats	Climber
1010	<i>Mimusops elengi</i> L.	Spanish Cherry	AF/FR	Tropical India	Cultivated and Naturaized
1011	<i>Miscanthus nepalensis</i> (Trin.) Hack.	Himalayan fairy grass, Nepal silver grass	WR	E.Himalayas	Genetic resource
1012	<i>Miscanthus nudipes</i> (Griseb.) Hack.		WR	E.Himalayas and C. Himalayas	Genetic resource
1013	<i>Miscanthus taylorii</i> Bor		WR	E.Himalayas	Genetic resource
1014	<i>Miscanthus wardii</i> Bor		WR	E.Himalayas	Genetic resource

1015	<i>Moghania vestita</i> Kuntz	Moghania, Marwar teek	TC	Tropical India	Wild and Cultivated
1016	<i>Momordica balsamina</i> L.	Balsam apple	VE	Eastern Ghats, Indo-Gangetic plains.	Adopted to dry sandy soil
1017	<i>Momordica charantia</i> L.	Bitter Gourd	VE	Many parts of India	Cultivated
1018	<i>Momordica charantia</i> var. <i>muricata</i> (Willd.) Chak.	Bitter gourd	VE	Tropical India	Wild and Cultivated
1019	<i>Momordica cochinchinensis</i> Spreng	Sweet gourd	VE	Peninsular region, North-eastern region.	Humid tropical forests
1020	<i>Momordica dioica</i> Roxb. Ex Willd	Bitter Gourd	VE	Central peninsular tract.	Wild and Cultivated, Genetic resource
1021	<i>Momordica macrophylla</i> Gage.	WR Bitter Gourd	VE	North-eastern region.	Wild
1022	<i>Momordica subangulata</i> Blume		VE	Western Ghats extending from Dakshin Kannada to Kanyakumari	Wild
1023	<i>Momordica subangulata</i> var. <i>renigera</i> (Wall. ex G. Don) W. J. de Wilde	WR Bitter Gourd	VE	Gangetic plains, Eastern Ghats	Wild
1024	<i>Momordica tuberosa</i> (Roxb.) Cogn.	WR Bitter Gourd	VE	Eastern & Western Ghats	Genetic resource

1025	<i>Morinda agustifolia</i> Roxb.	Asho	AF/ OR	Eastern Himalayas & Western Ghats	Cultivated
1026	<i>Morinda citrifolia</i> L.	Noni	MP	Tropical regions - Andaman & Nicobar Islands	Cultivated
1027	<i>Moringa concanensis</i> Nimmo ex Dalzell & Gibson	WR Drumstick	VE	Rajasthan, dry hills of Konkan, Andhra Pradesh and Coimbatore	Wild & Cultivated
1028	<i>Moringa oleifera</i> Lam.	Drum stick	VE	Sub Himalayan tract, plains of north western India and Peninsula	Wild & Cultivated
1029	<i>Morus alba</i> L.	White mulberry	FR	Many parts of India	Cultivated
1030	<i>Morus australis</i> Poir.	Mulberry	FR	Himalayan region	Cultivated
1031	<i>Morus indica</i> L.	Mulberry	FR	Himalayan region	Cultivated
1032	<i>Morus nigra</i> L.	Black mulberry	FR	Himalayan region	Cultivated
1033	<i>Morus serrata</i> Roxb.	Mulberry	FR	Kumaon west-wards, Upto 2700 m.	Wild
1034	<i>Mucuna deeringiana</i> (Bort.) Merr.	Flogida	FR	Northern plains	Semi-wild
1035	<i>Mucuna monosperma</i> Wight	Negro- bean	MP	NE & Peninsular India, East Himalayas, Andaman	Wild

1036	<i>Mucuna utilis</i> Wall.	Velvet bean	MP	Many parts of India	Wild & Cultivated
1037	<i>Mucuna bracteata</i> Kurz	Velvet bean	MP	Northeastern hills	Wild
1038	<i>Mucuna capitata</i> Wight & Arn.	Velvet bean	MP	Himalyan zone & chota Nagpur	Cultivated
1039	<i>Mucuna pruriens</i> (L.) DC. var <i>pruriens</i> , syn. <i>M. cochinchensis</i>	Velvet bean	MP/FO	Sub-tropical regions of North west and East Himalayas, North-east, Central and South India	Wild & Cultivated
1040	<i>Murraya koenigii</i> (L.) Spreng.	Curry	SP	Many parts of India	Wild & Cultivated
1041	<i>Musa acuminata</i> L.	Banana	FR	North-eastern hill regions, W. Ghats	Wild & Cultivated
1042	<i>Musa assamica</i> Bull. ex Baker	WR Banana		Assam	Wild relative
1043	<i>Musa balbisiana</i> Colla	Banana	FR	Wild in north-eastern hill region	Wild, Genetic resource
1044	<i>Musa cheesmanii</i> Simmonds	Banana	FR	Assam	Wild, seeded banana
1045	<i>Musa flaviflora</i> Simmonds, syn. <i>M. thomsoni</i> King	WR Banana	FR	North-eastern region	Wild, Genetic resource
1046	<i>Musa itinerus</i> Cheesman.	Banana	FR	North eastern parts	Wild, Genetic resource
1047	<i>Musa mannii</i> Wendl.	Banana	FR	Assam hills	Wild, Genetic resource

1048	<i>Musa nagensium</i> Prain	Banana	FR	Naga hills	Seeds like that of <i>Ensete gillettii</i>
1049	<i>Musa ornata</i> Roxb.	Flowering banana	FR	E. Himalayas to Myanmar	Wild, Genetic resource
1050	<i>Musa paradisiaca</i> L.	Banana	FR	North eastern parts	Cultivated
1051	<i>Musa sapientum</i> L.	Plantain	FR	Tropical Indias	Cultivated
1052	<i>Musa sikkimensis</i> Kurz	Banana	FR	Sikkim, north Bengal, Khasi hills.	Wild & Genetic resource
1053	<i>Musa superba</i> Roxb.	Banana	FR	Khasi hills, Manipur & Western Ghats	Wild, seeds like that of <i>Musa nagensium</i>
1054	<i>Musa textilis</i> Nee	Marida hemp	FI	Many parts of India	Introduced and Cultivated
1055	<i>Musa velutina</i> Wendl. ex Drude	WR Banana	FR	Assam hills	Introduced and Cultivated
1056	<i>Myrica esculenta</i> Buch.-Ham. ex D. Don	Kaiphall	FR/MP	Many parts of India	Minor fruit
1057	<i>Myrica nagi</i> Buch-Ham.	WR Kaiphall	FR/MP	Sub tropical Himalayas ,north eastern hills	Wild
1058	<i>Myristica andamanica</i> Hook.f.	WR Mace/ Nutmeg	SP/MP	Andaman & Lakshadweep Islands	Wild

1059	<i>Myristica beddomei</i> King.	WR Jaiphal	SP	Nilgiris and Anamalai	Wild
1060	<i>Myristica dactyloides</i> Gaertn.	WR Mace/ Nutmeg	SP/MP	Western Ghats	Wild
1061	<i>Myristica fragrans</i> Houtt.	WR Jaiphal	SP	Humid tropics of Southern Penisular India & NE Indias	Cultivated
1062	<i>Myristica malabarica</i> Lamk.	False nutmeg	SP	Western Ghats	Wild, adulterant for <i>M. fragrans</i>
1063	<i>Nardostachys jatamansii</i> DC.	Jatamansi	MP	Alpine Himalayas	Wild
1064	<i>Nasturtium officinale</i> R. Br.	Water cress	MP	Many parts of India	Common in ditches, pools and streams
1065	<i>Nelumbo nucifera</i> Gaertn.	Lotus	OR	Many parts of India	Cultivated
1066	<i>Nepenthes khasiana</i> Hook.f.	Pitcher plant	OR/MP	Meghalaya	Endemic
1067	<i>Nephelaphyllum sikkimensis</i> (Hook.f.) Karthik	Orchid	OR	Sikkim	Wild
1068	<i>Nephelium lappaceum</i> L.	Rambutan	FR	Temperate hills	Introduced, Cultivated
1069	<i>Nicotiana excelsior</i> J.M. Black	Tobacco	NMT	North and North eastern India	Wild , cooler climates

1070	<i>Nicotiana rustica</i> L.	Tobacco	CC	North and North eastern India	Cultivated
1071	<i>Nicotiana tabacum</i> L.	Tobacco	CC	North and North eastern India	Cultivated
1072	<i>Nigella sativa</i> L.	Black cumin	MP/SP	Western Himalayan region	Wild & Cultivated
1073	<i>Nilgirianthus reticulatus</i> (Stapf) Bremek		OR CC	Northern W. Ghats	Essential oil
1074	<i>Nostolachma crassifolia</i> (Gamble) Deb & Lahiri	Wild coffee	WR	Western Ghats	Genetic resource
1075	<i>Nostolachma jenkinsii</i> (Hook.f.) Deb & Lahiri	Wild Coffee		North Eastern India, Khasia hills	Genetic resource
1076	<i>Nostolachma khasiana</i> (Korth.) Deb & Lahiri	Wild Coffee	CC OR	North Eastern India and Khasia hills	Wild
1077	<i>Nyctanthes arbor-tristis</i> L.			Sub Himalayan region	
1078	<i>Nymphaea alba</i> L.	Water Lilly	VE/ TC	Western Himalayan region mainly Kashmir	Wild
1079	<i>Ochlandra travancorica</i> Benth.	Reed	CC	Southern Western Ghats	For basketry, mat-making & decorative handicrafts

1080	<i>Ocimum basilicum</i> L.	Babui tulsi	MP	North eastern Himalayas	Cultivated
1081	<i>Ocimum gratissimum</i> L.	Ram tulsi	MP	Many parts of India	Wild
1082	<i>Ocimum kilimandscharicum</i> Guerke	Kapur tulsi	MP	Many parts of India	Cultivated
1083	<i>Ocimum sanctum</i> L.	Holy tulsi	MP	Many parts of India, Upto 1800 m in Himalayas	Cultivated
1084	<i>Ocimum viride</i> Willd.	Fever plant	MP	Many parts of India	Introduced
1085	<i>Olea dioica</i> Roxb.	WR Olive	AF	N.E. & pennisular India	Wood has sweet scent, known as rose sandal wood
1086	<i>Olea ferruginea</i> Royle, syn <i>O. europaea</i> L. subsp. <i>cuspidata</i> (Wall. ex G. Don) Cif.	Indian olive	AF	Western Himalayas	Wild
1087	<i>Olea gamblei</i> C. B. Clarke	WR Olive	AF	Eastern Himalayas	Fruits edible
1088	<i>Olea glandulifera</i> Wall. ex G. Don	WR Olive	AF	Western Himalayas, Eastern Ghats, Western Ghats	Wild
1089	<i>Opuntia ficusindica</i> (L) Mill.	Cactus pear, Prickly pear, Indian Fig	FO	Western India	Introduced and Naturalized Spineless forms used as fodder
1090	<i>Oryza sativa</i> L.	Paddy	CE	Many parts of India	Cultivated



1091	<i>Oryza coarctata</i> Roxb.	WR Paddy	CE	Orissa, Andhra Pradesh	In saline water; Genetic resource
1091	<i>Oryza granulata</i> Nees et Arn. ex Watt	WR Paddy	CE	Eastern India	Genetic resource
1092	<i>Oryza indandamanica</i> Ellis	WR Paddy	CE	Rut island, Saddle Peak, Andaman islands	Genetic resource
1093	<i>Oryza jeyporensis</i> Govindasw. & Krish.	WR Paddy	CE	Jeypore tracts, Orissa	Genetic resource
1094	<i>Oryza meyeriana</i> (Zoll. & Moritzi) Baill. var. <i>granulata</i> (Nees & Arn. ex G. Watt) Duist.	Jungle oryza	CE	Kaveri region	Genetic resource
1095	<i>Oryza minuta</i> J. Presl	Wild Rice	WR	Sikkim, Arunachal Pradesh, West Bengal (Darjeeling)	Genetic resource
1096	<i>Oryza nivara</i> Sharma et Shastry syn. <i>O. sativa</i> L. forma <i>spontanea</i> Roshev.	WR Paddy	CE	Peninsular region	Annual, near water-logged field; Genetic resource
1097	<i>Oryza officinalis</i> Wall ex Watt. subsp. <i>malampuzhaensis</i> (Krish.) Tateoka	WR Paddy	CE	Deccan	Genetic resource
1098	<i>Oryza rufipogon</i> Griff. syn <i>O. spontanea</i> Roschev	WR Paddy	CE	Assam, West Bengal & central and southern peninsular India	Perennial, in valley, vigorous growth; Genetic resource

1099	<i>Oryza sativa</i> L. var. plena Prain	WR Paddy	CE	Eastern India	Genetic resource
1100	<i>Oxytenanthera stocksii</i> Munro	Bamboo	CC	Southern peninsular India, at altitudes of 800 m	Endemic, Construction purposes
1101	<i>Pachyrhizus erosus</i> (L.) Urb.	Yam bean	TC	North-east and east India	Introduced and Cultivated
1102	<i>Pachyrhizus tuberosus</i> (Lam.) Spreng.	Yam bean; Sankalu	TC	Bihar and West Bengal	Introduced and Cultivated
1103	<i>Pandanus furcatus</i> Roxb.	E.Himalayan Screwpine	FI	Eastern Himalayas	Wild
1104	<i>Pandanus leram</i> Jones ex Voigt.	Nicobar Breadfruit	FR	Andaman & Nicobar Islands	Fruit used as bread fruit
1105	<i>Pandanus odoratissimus</i> L. f.	Screw-pine	FI	Coastal Zone	Wild and cultivated
1106	<i>Panicum antidotale</i> Retz.	Blue panic grass	FO	Upper gangetic plains and southern Deccan plateau	Cultivated
1107	<i>Panicum atrosanguinem</i> Hochst. ex A. Rich.		FO	Punjab, Upper Gangetic Plain and southwards in Madhya Pradesh	Wild, Genetic resource
1108	<i>Panicum garadei</i> Raghavan & Karthick.		ML	Southern Eastern Ghats	Wild

1109	<i>Panicum hippothrix</i> K. Schum.		ML	Deccan peninsula	Wild, grain cooked like rice
1110	<i>Panicum maximum</i> Jacq.	Guinea grass	FO	Humid tropical and subtropical areas	Introduced and Cultivated
1111	<i>Panicum miliaecum</i> L. syn <i>P. millare</i> (Roth.ex Roem. & Schult.)	Proso millet	ML	Many parts of India	Cultivated
1112	<i>Panicum psilopodium</i> Trin		ML	Western Himalayas & Peninsular India	Wild
1113	<i>Panicum sumatrense</i> Roth	Blue panic, little millet, sama		Wild in Northern India, upto moderate elevations in Himalayas	Wild
1114	<i>Panicum sumatrense</i> subsp. <i>psilopodium</i> (Roth.ex Roem. & Schult.)	Little millet	ML	Northern India, Upto 1500 m in Himalayas	Cultivated
1115	<i>Panicum trypheron</i> Schult.	Bhatur	ML	Many parts of India	Wild and cultivated; Grain cooked like rice
1116	<i>Panicum turgidum</i> Forssk.	Desert grass	FO	North-west India	Wild
1117	<i>Papaver somniferum</i> L.	Opium poppy	MP	Central and North-India	Cultivated

1118	<i>Paphiopedilum fairrieanum</i> (Lindl.) Stein	Lady Slipper Orchid	OR	Arunachal Pradesh, Sikkim	Wild, cultivated in nurseries
1119	<i>Paphiopedilum insigne</i> (Wall. ex Lindl.) Pfitz.	Lady Slipper Orchid	OR	Meghalaya	Wild, cultivated in nurseries
1120	<i>Paphiopedilum spicereanum</i> (Reich.f ex Masters & T Moore) Pfitz.	Lady Slipper Orchid	OR	N.E.India	Wild, cultivated in nurseries
1121	<i>Paphiopedilum venustum</i> (Wall. ex Sims) Pfitz.	Lady Slipper Orchid	OR	Meghalaya, Sikkim	Wild, cultivated in nurseries
1122	<i>Paphiopedilum villosum</i> (Lindl.) Stein.	Lady Slipper Orchid	OR	Eastern Himalayas	Wild, cultivated in nurseries
1123	<i>Paphiopedilum wardii</i> Summerh	Lady Slipper Orchid	OR	Sikkim, Arunachal Pradesh, West Bengal (Darjeeling)	Wild, cultivated in nurseries
1124	<i>Parkia timoriana</i> (DC.) Merr. syn. <i>P. roxburghii</i> G.Don.	Khorial, Zongta (Assam)	FR/FO	North East India, Karnataka and Tamil Nadu	Wild and Cultivated
1125	<i>Paspalidium flavidum</i> (Retz.) A.Camus	Chapri	FO	Many parts of India	Commonly found along bunds of paddy fields
1126	<i>Paspalum notatum</i> Flügge	Bahia grass	FO	Many parts of India	Introduced and Naturalized

1127	<i>Paspalum scrobiculatum</i> L.	Kodo millet	ML	Gangetic plains & Peninsular India	Bordering forests, Cultivated
1128	<i>Passiflora edulis</i> Sims	Passion fruit	FR	Tropical and subtropical parts of India	Introduced and cultivated; edible fruits; ornamental flowers
1129	<i>Pastinaca sativa</i> L.	Parsnip	VE	Many parts of India	Wild
1130	<i>Pavonia arabica</i> Hochst. & Steud. var. <i>glutinosa</i> Blatt. & Hallb		VE	Barmer, Jaisalmer, Jodhpur in Western Rajasthan	Wild
1131	<i>Pavonia odorata</i> Willd.	Sugandha-bala	VE	Many parts of India	Wild and cultivated
1132	<i>Peganum harmala</i> (L.)	African-rue, Syrian-rue, wild rue		Ladakh, Kashmir, Punjab, Upper Gangetic plains; W. Bihar, Rajasthan, Gujarat, Deccan & Konkan	Wild and cultivated
1133	<i>Pelargonium graveolens</i> L. Heritt.	Geranium	MP/ AP	Wild in Nilgiri, now grown as ornamental	Cultivated
1134	<i>Pennisetum clandestinum</i> Hochst. ex Chiov.	Kikuyu grass	FO	Arid as well as semi arid zone	Cultivated
1135	<i>Pennisetum glaucum</i> (L.) R.Br.	Pearl Millet, Bajra	CE	Many parts of India	Cultivated

1136	<i>Pennisetum orientale</i> Link	Oriental Fountain Grass	ML/FO	North west India	Cultivated
1137	<i>Pennisetum pedicellatum</i> Trin.	Hairy Fountain grass	FO	Eastern India	Wild and Cultivated
1138	<i>Pennisetum polystachion</i> (L.) Schult.	Thin Napier Grass	FO	Many parts of India	Cultivated
1139	<i>Pennisetum purpureum</i> Schum.	Napier grass/ Elephant Grass	ML/FO	Many parts of India	Introduced and Cultivated
1140	<i>Pergularia daemia</i> (Forssk.) Chiov.	Utranjutuka, Sagovani, Jutuk	OR	In the plains throughout the warmer parts of India	Wild
1141	<i>Perilla frutescens</i> Britton	Perilla, Bhanjira	FO	Throughout Himalayas	Cultivated
1142	<i>Persea americana</i> Mill.	Avocado	FR	Southern peninsular India	Introduced and Cultivated
1143	<i>Persea fructifera</i> Kost.	Avocado	FR	Banglore and Nandi Hills	Introduced and Cultivated

1144	<i>Petroselinum crispum</i> (Mill.) Nyman ex A.W. Hill	Parsley	VE	Colder parts of India	Cultivated
1145	<i>Petunia hybrida</i> Vilm.	Petunia	OR	Many parts of India	Cultivated
1146	<i>Peuraria montana</i> (Lour.) Merr. var. <i>lobata</i> (Willd.) Sanjappa	Kudzu vine	MP	Delhi, Gujarat, Maharashtra, Karnataka, Meghalaya and Manipur.	Widely cultivated and naturalized
1147	<i>Phalaenopsis parishii</i> Rechb.f.	Orchid	OR	Sikkim	Wild
1148	<i>Phaseolus atropurpureus</i> DC syn. <i>Macroptelium atropurpureum</i> (DC.) Urban	Scarlet Bean	FO	Subtropical regions in Delhi, Andhra Pradesh, Goa, Maharashtra, Tamil Nadu	Introduced and Cultivated
1149	<i>Phaseolus coccineus</i> L.	Scarlet runner Bean	GL	West and East Himalayas and hills of Tamil Nadu	Introduced
1150	<i>Phaseolus lunatus</i> L.	Lima Bean	GL	Many parts of India	Introduced and cultivated
1151	<i>Phaseolus vulgaris</i> L.	French Bean	VE	Throughout India	Introduced and Cultivated
1152	<i>Phoenix acaulis</i> Buch-Ham.	WR Date palm	FR	Western Himalayas, Eastern Himalayas, peninsular India	Wild
1153	<i>Phoenix dactylifera</i> L.	Date palm	FR	North, Central and peninsular India	Cultivated

1154	<i>Phoenix humilis</i> Royle ex Becc.	WR Date palm	FR	Peninsular hilly tracts	Wild- Dwarf type; known as hill date palm
1155	<i>Phoenix paludosa</i> Roxb.	WR Date palm	FR	Gangetic plains, Eastern Ghats, Andman & Lakshadweep Islands	Wild; Coastal swamps
1156	<i>Phoenix pusilla</i> Gaertn.	WR Date palm	FR	Kerala, Tamil Nadu	Wild
1157	<i>Phoenix robusta</i> (Becc.) Hook. f.	WR Date palm	FR	Gangetic plains, Eastern Ghats	Wild
1158	<i>Phoenix rupicola</i> T. And	WR Date palm	FR	Eastern Himalayas, North-eastern India	Wild
1159	<i>Phoenix sylvestris</i> (L.) Roxb	WR Date sugar palm	FR	Many parts of India	Wild and Cultivated
1160	<i>Phyllanthus acidus</i> (L.) Skeels	Gooseberry tree; Hari Phal	FR/VE	Western Ghats	Cultivated
1161	<i>Phyllanthus andamanica</i> Balakr. & N.G.Nair	WR Indian goosberry	MP	Andaman & Nicobar Islands	Wild
1162	<i>Phyllanthus emblica</i> L.	Indian goosberry	FO	Tropical India	Cultivated



1163	<i>Phyllanthus fraternus</i> Webster	Jaramala, Jungli amla	MP	Throughout the warmer parts of India	Wild
1164	<i>Phyllanthus narayanswami</i> Gamble	WR Indian goosberry	FR	Vizagapatnam in northern E.Ghats	Genetic resource
1165	<i>Phyllostachys assamica</i> Gamble ex Brandis	Giant bamboo	CC	Assam	Walking sticks
1166	<i>Physalis ixocarpa</i> Brot. ex. Hornem	WR Jamberry	VE	Western Himalayas	Cultivated
1167	<i>Physalis peruviana</i> Mill.	Rasbhari	FO	Many parts of India	Cultivated
1168	<i>Phytolacca acinosa</i> Roxb.	Indian poke, Indian pokeweed		In a wild and cultivated state in the temperate Himalayas from Kashmir to Bhutan and in the hills of Assam	Wild and Cultivated
1169	<i>Pimpinella anisum</i> L.	Aniseed	SP	Western Himalaya	Cultivated
1170	<i>Pimpinella urceolata</i> Wall. ex Banerjee		SP	Sikkim	Medicinal
1171	<i>Pinus gerardiana</i> Wall. ex Lamb.	Chilgoza pine	FR	Northwest and Western Himalayas	Cultivated
1172	<i>Pinus kesiya</i> Royle ex Gordon	Khasi pine	AF	Eastern Himalayas	Restricted distribution

1173	<i>Pinus roxburghii</i> Sarg.	Chir pine	AF	Himalayan zone between 450-2400 m	Cultivated , source of resin
1174	<i>Pinus sylvestris</i> L.	Scots pine	AF	Himalayas	Introduced and Cultivated
1175	<i>Piper argyrophyllum</i> Miq.	WR Piper	SP	Western Ghats	Genetic resource
1176	<i>Piper attenuatum</i> Buch.-Ham.	WR Piper	SP	North-eastern Region, Eastern & Western Ghats	Genetic resource
1177	<i>Piper barberi</i> Gamble	WR Piper	SP	Southern W.Ghats (endemic).	Genetic resource
1178	<i>Piper brachystachyum</i> Wall. ex Hook. f	WR Piper	SP	Himalayas, North-east Region & Western Ghats	Genetic Resource
1179	<i>Piper betle</i> L.	Betle leaf	NMT	Humid tropics of India	Cultivated
1180	<i>Piper cornilimbum</i> C.DC.	WR Piper	SP	Khasi, Jaintia and Garo hills	Genetic resource.
1181	<i>Piper falconeri</i> C.DC.	WR Piper	SP	Tripura and adjacent northeastern hills	Genetic resource
1182	<i>Piper galeatum</i> (Miq.) DC.	WR Piper	SP	Southern W.Ghats, endemic	Genetic resource
1183	<i>Piper hamiltonii</i> C.DC.	Jangli Pan	SP	Sikkim-Terai, West Bengal and in Khasi hills	Genetic resource
1184	<i>Piper hapnium</i> Buch.-Ham. ex Hook.f.	WR Piper	SP	Southern W.Ghats, endemic	Genetic resource
1185	<i>Piper hookeri</i> Miq.	WR Piper	SP	Southern W.Ghats, endemic	Genetic resource

1186	<i>Piper hymenophyllum</i> Miq.	WR Piper	SP	Peninsular India and N. E. India	Genetic resource
1187	<i>Piper khasianum</i> C.DC.	WR Piper	SP	Khasi-Jaintia, Assam valley and Tripura hills	Genetic resource
1188	<i>Piper laxivenum</i> C.DC.	WR Piper	SP	Manipur hills	Genetic resource
1189	<i>Piper longum</i> L.	Pipali, Indian long pepper	SP	Eastern Peninsular India & North-Eastern hills	Wild in eastern India & Peninsular India, Cultivated
1190	<i>Piper makruense</i> C.DC.	WR Piper	SP	Manipur and adjacent hills	Genetic resource
1191	<i>Piper meeboldii</i> C.DC.	WR Piper	SP	Tripura and adjacent North Eastern hills	Genetic resource
1192	<i>Piper muneyparensis</i> C.DC.	WR Piper	SP	Manipur hills	Genetic resource
1193	<i>Piper mungpooanum</i> C.DC.	WR Piper	SP	Sikkim Himalayas, endemic	Genetic resource
1194	<i>Piper nagense</i> C.DC.	WR Piper	SP	Nagaland, Manipur and Mizoram hills	Genetic resource
1195	<i>Piper nigrum</i> L.	Black pepper	SP	Western Ghats.	Wild in evergreen forests in Peninsular India, Cultivated

1196	<i>Piper oldhamii</i> C.DC.	WR Piper	SP	Khasia - Jaintia hills	Genetic resource
1197	<i>Piper ovatistigmum</i> C.DC.	WR Piper	SP	Tripura and adjacent hills	Genetic resource
1198	<i>Piper parvilimbus</i> C.DC.	WR Piper	SP	Khasia-Jaintia hills	Genetic resource
1199	<i>Piper peepuloides</i> Roxb.	WR Piper	SP	Eastern Himalayas, North-Eastern Region	Genetic resource
1200	<i>Piper phalagense</i> C.DC.	WR Piper	SP	Sikkim Himalayas and Manipur hills	Genetic resource
1201	<i>Piper pykarahense</i> C.DC.	WR Piper	SP	Southern W.Ghats, endemic	Genetic resource
1202	<i>Piper schmidtii</i> Hook.f.	Nilgiri pepper	SP	Eastern Himalayas, Western Ghats	Used locally as spice; Genetic Resource
1203	<i>Piper silentvalleyensis</i> P. N. Ravindran, M.K. Nair & R. Ashokan	WR Piper	SP	Southern W.Ghats	Genetic resource
1204	<i>Piper sylvaticum</i> Roxb.	WR Piper	SP	Gangetic plains and North eastern India	Wild; resembles <i>P. longum</i> ; Genetic resource
1205	<i>Piper tenuibracteatum</i> C.DC.	WR.Piper	SP	Sikkim Himalayas	Genetic resource
1206	<i>Piper thomsonii</i> Hook.	WR Piper	SP	Eastern Himalayas, North-Eastern Region, Gangetic plains	Wild; Jungli Pan-Leaf used as pan; Genetic resource

1207	<i>Piper trichostachyon</i> DC.	WR Piper	SP	Western Ghats	Wild ; fragrant spikes; Genetic resource
1208	<i>Piper wallichii</i> (Miq.) Hand.-Mazz.	WR Piper	SP	Eastern Himalayas, North-eastern Region, Gangetic plains	Wild; Genetic resource
1209	<i>Pistacia atlantica</i> Desf.		FR	Himachal Pradesh	Cultivated
1210	<i>Pistacia integerrima</i> J. Stewart syn <i>Pistacia chinensis</i> Bunge subsp. <i>integerrima</i> (J. Stewart) Rech. f.	Kakra, Kakri, Kangar	FR	Himalayas from Indus to Kumaun	Cultivated
1211	<i>Pistacia khinjuk</i> Stocks	Kakra,	FR /FO	Himachal Pradesh, Jammu and Kashmir, native of Central Asia	Wild and Cultivated
1212	<i>Pistacia vera</i> L.	Pistachio	FR	Punjab	Introduced and Cultivated
1213	<i>Pisum sativum</i> L.	Garden Pea; Green Pea	VE/GL	Many parts of India	Introduced and Cultivated
1214	<i>Pithecellobium dulce</i> (Roxb.)Benth.	Vilayati babul	AF/FR	In dry /tropical regions all over India	Introduced and Naturalized
1215	<i>Plantago ovata</i> Forsk.	Isabgol	MP	Gujarat	Wild and Cultivated
1216	<i>Poa pratensis</i> L.	Kentucky Bluegrass	FO	Indo- gangetic plains	Wild and Cultivated

1217	<i>Podophyllum hexandrum</i> Royle, syn. <i>Podophyllum emodii</i> Wall. ex Honigberger	Himalayan May Apple	MP	Temperate and Alpine Himalayas	Fruits edible, rhizome medicinal. Listed in CITES
1218	<i>Pogostemon cablin</i> Benth. syn. <i>P. patchouly</i> Pellet	Patchouli	MP	Tropical Himalayan region	Introduced and cultivated for essential oil
1219	<i>Polyalthia fragrans</i> (Dalz.) Bedd	WR Ashoka	AF	Southern western Ghats	Trees with fragrant flowers, Timber
1220	<i>Polyalthia longifolia</i> (Sonn.) Hook. f.& Thomson	Ashoka	OR	Many parts of India	Cultivated
1221	<i>Polyalthia meghalayensis</i> Prakash & Mehrotra	WR Ashoka		Khsia hills; 800-900m	Wild relative
1222	<i>Polyalthia suberosa</i> (Roxb.) Thwaites	WR Ashoka	OR	Lower Gangetic and Assam plains & southern peninsular India	Wild and Cultivated
1223	<i>Poncirus trifoliata</i> Rafin	Trifoliolate Orange	FR	Grown in Field gene banks as root stock for <i>Citrus</i>	Introduced
1224	<i>Pongamia pinnata</i> (L.) Pierre	Pongam tree (Karanj)	AF/ OS	Throughout India	Native and Cultivated
1225	<i>Porteresia coarctata</i> (Roxb.) Tateoka	WR Rice	WR	Gangetic delta region	Cultivated
1226	<i>Portulaca oleracea</i> L.	Common purslane	VE	Many parts of India	Cultivated, weedy

1227	<i>Prosopis cineraria</i> (L.) Druce.	Khejri	FO/ AF	Arid as well as semi arid zone	Native and Cultivated
1228	<i>Prosopis juliflora</i> (Sw.) DC.	Mesquite; Vilayati Babul	AF	Arid as well as semi arid zone	Introduced and Naturalized
1229	<i>Prunus arborea</i> Blume	Prunus	FR	North-Eastern Region	Cultivated
1230	<i>Prunus armeniaca</i> L.	Apricot	FR	Temperate India	Cultivated
1231	<i>Prunus avium</i> L.	Sweet Cherry	FR	Kashmir, Himachal Pradesh (Kullu valley)	Cultivated
1232	<i>Prunus bracteopadus</i> Koehne	Wild Cherry	FR	Eastern Himalayan region	Cultivated
1233	<i>Prunus carmesiana</i> Hara		FR	Eastern Himalayan region	Cultivated
1234	<i>Prunus cerasoides</i> D. Don	Sour Cherry/ Wild Himalayan Cherry	FR	Himalayas, North-East India & Tamil Nadu	Wild, Genetic resource
1235	<i>Prunus cerasus</i> L.	Sour Cherry	FR	North West Himalays	Cultivated
1236	<i>Prunus cornuta</i> (Wall.ex Royle) Steud.	Himalayan Bird Cherry	FR	Temperate Himalayas eastwards to Assam, upto 3600 m	Wild, Genetic resource, Cold tolerant

1237	<i>Prunus domestica</i> L.	European plum	FR	Northwest & West Himalayas, at 2300 m	Cultivated
1238	<i>Prunus dulcis</i> (Mill.) D A Webb. syn. <i>Prunus amygdalus</i> Batsch.	Almond	FR	Northwest Himalayas	Cultivated
1239	<i>Prunus himalaica</i> Kitam.	Himalayan Cherry	FR	Sikkim	Wild and Cultivated
1240	<i>Prunus imanishii</i> Kitam.	Wild cherries	FR	Eastern Himalayan region	Wild and Cultivated
1241	<i>Prunus jacquemontii</i> Hook. f.	Flowering almond	FR	Himachal Pradesh, Jammu and Kashmir, Punjab, Uttarakhand	Wild, Genetic resource
1242	<i>Prunus jenkinsii</i> Hook. f.& Thomson	WR Peach	FR	Upper Assam and Andhra Pradesh	Wild; Genetic resource
1243	<i>Prunus napaulensis</i> (Ser.) Steud.	WR Peach	FR	Temperate Himalayas and North-east India	Wild and Cultivated
1244	<i>Prunus persica</i> (L.) Batsch	Peach	FR	Eastern Himalayas	Cultivated
1245	<i>Prunus prostrata</i> Labill.	Mountain cherry	FR	Western Himalayas	Cultivated
1246	<i>Prunus rufa</i> Hook. f.	WR Peach	FR	E. Himalayas (Sikkim & West Bengal )	Wild, Genetic resource



1247	<i>Prunus rufa</i> Hook.f. var. <i>trichantha</i> (Koehne)Hara	WR Peach	FR	E. Himalayas	Wild, Genetic resource
1248	<i>Prunus tomentosa</i> Thunb.	Downy Cherry	FR	North-western Himalayas (Kashmir -Ladakh).	Wild and Cultivated
1249	<i>Prunus undulata</i> Buch.-Ham. ex D. Don, syn. <i>P. acuminata</i> (Wall.) D. Dietr.	WR Peach	FR	Himalayas and North-east India	Wild, Genetic resource
1250	<i>Prunus wallichii</i> Steud.	WR Peach	FR	Western Himalayas, North-eastern Region	Wild; Genetic resource
1251	<i>Prunus zippeliana</i> Miq.	WR Peach	FR	Eastern Himalayas	Wild
1252	<i>Psidium cattleianum</i> Sabine	Srawberry Cherry	FR	Southern Western Ghats (Kerala)	Introduced and Naturalized
1253	<i>Psidium guajava</i> L. Links	Guava	FR	Many parts of India	Cultivated
1254	<i>Psidium guinnense</i> Sw.	Guinea Guava	FR	Southern Western Ghats (Kerala)	Introduced and Naturalized
1255	<i>Psilanthus benghalensis</i> (Roxb. ex Schult.) J.-F. Leroy syn : <i>Coffea benghalensis</i> Roxb. ex Schult	Wild coffee	CC	Western Himalayas, North-Eastern Indian Deccan peninsula.	Genetic resource

1256	<i>Psilanthus fragrans</i> (Wall. ex Hook.f.) J.-F.Leroy syn: <i>Coffea fragrans</i> Wall. ex.Hook.f.	Wild coffee	CC	North Eastern India, Western Ghats	Genetic resource
1257	<i>Psilanthus travancorensis</i> (Wight & Arn.) J.-F. Leroy syn. <i>Coffea travancorica</i> Wight. & Arn.	Wild coffee	CC	Southern W. Ghats	Genetic resource
1258	<i>Psilanthus wightianus</i> (Wight & Arn.) J.-F. Leroy syn: <i>Coffea wightiana</i> Wight & Arn.	Wild coffee	OC	Northern Western Ghats & Konkan Plains	Genetic resource
1259	<i>Psophocarpus tetragonolobus</i> (L.) DC.	Winged Bean	VE/ GL	Subtropical parts of India	Cultivated
1260	<i>Pterocarpus marsupium</i> Roxb.	Indian Kino Tree	MP/FO	Peninsular India, Gangetic Plains and Rajasthan	Wild and Planted
1261	<i>Pterocarpus santalinus</i> L.f.	Red sandal wood	AF/MP	Southern E.Ghats	Wood used for making musical instruments , Listed on CITES
1262	<i>Pterospermum acerifolium</i> (L.) Willd.	Kanak-champa, Kaniar	AF/OR	Hotter parts of India	Native and planted as avenue tree

1263	<i>Pueraria edulis</i> Pamp.	edible kudzu	VE	Manipur, Sikkim	Wild and cultivated
1264	<i>Pueraria montana</i> (Lour.) Merr. var. <i>thomsonii</i> (Benth.) M. R. Almeida syn <i>Pueraria lobata</i> (Willd.) Ohwi var. <i>thomsonii</i> (Benth.) Maesen	Kudzu vine	FO	Arunachal Pradesh, Delhi, Gujarat, Karnataka, Maharashtra, Manipur, Meghalaya, Nagaland, Sikkim, West Bengal	Wild
1265	<i>Pueraria sikkimensis</i> Prain	WR Indian Kudzu	VE	N.E. Himalayas	Wild
1266	<i>Pueraria strobilifera</i> Kurz ex Prain	WR Kudzu	VE	N.E.India, Myanmar, Thailand	Wild
1267	<i>Pueraria tuberosa</i> (Willd.) DC.	Indian Kudzu, Nepalese Kudzu, Ghora bel	Tuber, Forage, Medicine	Subtropical forests in most parts of India	Wild and cultivated
1268	<i>Punica granatum</i> L.	Pomegranate	FR	Many parts of India	Cultivated, also wild in Western Himalayas, between 1200-1500 m
1269	<i>Putranjiva roxburghii</i> Wall.	Indian amulet tree	AF	Many parts of India	Wild and Cultivated

1270	<i>Pyrus communis</i> L.	Pear	FR	West Himalayas	Cultivated
1271	<i>Pyrus khasiana</i> Decne.	WR Pear	FR	North-East India	Genetic resource
1272	<i>Pyrus pashia</i> Buch. & Ham. ex. D. Don, syn. <i>Pyrus kumaoni</i> Decne	Himalayan Pear	FR	Himalayas, from Kashmir to North-eastern hills, Khasi mountains.	Wild and Cultivated
1273	<i>Pyrus pyrifolia</i> (Burm. f.) Nakai	China -Birne	FR	Khasi & Nilgiri hills.	Introduced and grown as root stock
1274	<i>Quercus acutissima</i> Carruthers	Oak	F	Sikkim and Assam	Wild, Ornamental and wood is useful
1275	<i>Quercus lamellosa</i> Sm.	Oak	F	Sikkim and Assam	Wild, Ornamental and wood is useful
1276	<i>Quercus leucotrichophora</i> A. Camus	Oak	AF/F	West Himalyas	Wild and Cultivated
1277	<i>Rubus niveus</i> Thunb., syn. <i>Rubus lasiocarpus</i> Sm.	Mysore Raspberry	FR/OR	Himlayas, Western and Eastern Ghats	Wild, Genetic resource
1278	<i>Raphanus raphanistrum</i> L.	Jointed charlock, Wild raddish	VE	Western Himalayan region	Cultivated
1279	<i>Raphanus sativus</i> L. var. <i>sativus</i>	Radish	VE	Many parts of India	Cultivated

1280	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz.	Sarpgandha/ Serpentina root	MP	Tropical and subtropical India	Wild and cultivated , Listed on CITES
1281	<i>Renanthera imschootiana</i> Rolfe	Red Vanda	OR	North-east India (Manipur)	Wild and cultivated , listed on CITES
1282	<i>Rheum australe</i> D Don syn. <i>Rheum emodi</i> Wall. ex Miesn.	Himalayan rhubarb	MP	West Himalyas	Wild
1283	<i>Rheum nobile</i> Hook. f. & Thomson		MP	Himalayas from Nepal to Bhutan	Wild
1284	<i>Rheum raphonticum</i> L.	Rhapontic	VE	Khasi hills, West Bengal and Nilgiri	Introduced ; used for culinary purpose
1285	<i>Rhododendron arboreum</i> Sm. subsp. <i>nilgircum</i> (Zenker) Tagg	Rhodo- dendron	OR	Southern Western Ghats ( Nilgiris)	Wild, Genetic resource
1286	<i>Rhododendron arboreum</i> Sm. subsp. <i>arboreum</i>	Rhodo- dendron	F/ OR	Temperate Himalayas	Wild, ornamental and flowers used in preapration of Squash
1287	<i>Rhododendron barbatum</i> Wall. ex G. Don	Rhodo- dendron	OR	Eastern Himalayas & West Himalyas (Uttarkhand)	Wild, Genetic resource

1288	<i>Rhododendron campanulatum</i> D. Don	Rhododendron	OR	Eastern Himalayas	Wild, Genetic resource
1289	<i>Rhododendron cinnamomeum</i> Wall.	Rhododendron	OR	Eastern Himalayas	Wild
1299	<i>Rhododendron concinnoides</i> Hutch. & Kingdon	Rhododendron	OR	Eastern Himalayas	Wild
1300	<i>Rhododendron elliottii</i> Watt	Rhododendron	OR	Naga and Manipur hills	Wild, Genetic resource
1301	<i>Rhododendron falconeri</i> Hook. subsp. <i>eximium</i> (Nuttall) Chamberlain	Rhododendron	OR	Eastern Himalayas (Arunachal Pradesh)	Wild, Genetic resource
1302	<i>Rhododendron falconeri</i> Hook. subsp. <i>falconeri</i> (Nuttall) Chamberlain	Rhododendron	OR	Eastern Himalayas	Wild, Genetic resource
1303	<i>Rhododendron formosum</i> Wall.	Rhododendron	OR	North- East India (Meghalaya & Manipur)	Wild, Genetic resource
1304	<i>Rhododendron grande</i> Wight	Rhododendron	OR	Eastern Himalayas	Wild, Genetic resource
1305	<i>Rhododendron johnstoneanum</i> Watt ex Hutch.	Rhododendron	OR	Manipur and Mizoram (Lushai hills)	Wild, Genetic resource

1306	<i>Rhododendron macabeaenum</i> Watt ex Balf.f	Rhododendron	OR	Manipur and Naga hills	Wild
1307	<i>Rhododendron milagiricum</i> Zerk.	Rhododendron	OR	Eastern Himalayas	Wild
1308	<i>Rhododendron santapau</i> Sastry	Rhododendron	OR	Eastern Himalayas	Wild
1309	<i>Rhododendron subansiriense</i> Chamberlain	Rhododendron	OR	Eastern Himalayas	Wild
1310	<i>Rhododendron thomsonii</i> Hook. f.	Rhododendron	OR	Eastern Himalayas	Wild, Genetic resource
1311	<i>Rhododendron triflorum</i> Hook. f.	Rhododendron	OR	Eastern Himalayas	Wild, Genetic resource
1312	<i>Rhododendron triflorum</i> Hook.f. var. <i>bauhiniflorum</i> (Watt ex Hutch.) Cullen	Rhododendron	OR	Manipur	Wild, Genetic resource
1313	<i>Rhododendron wattii</i> Cowan	Rhododendron	OR	Manipur	Wild
1314	<i>Rhus chinensis</i> Mill.	Chinese Gall	FR	Tropical and subtropical India	Wild and cultivated
1315	<i>Rhus griffithii</i> Hook.f.	WR Wax tree	ME	North Bengal, Sikkim, and Assam	Wild

1316	<i>Rhus succedanea</i> L.	Wax tree	FR	Assam hills between 600–2500m	Cultivated
1317	<i>Rhynchosia aurea</i> (Willd.) DC.		FO	Throughout plains and hills of India up to 1500 m	Wild
1318	<i>Rhynchosia bracteata</i> Baker	Junglee Sem		Andhra Pradesh, Bihar, Gujarat, Madhya Pradesh, Maharashtra, Orissa, Rajasthan, Uttar Pradesh	Wild
1319	<i>Rhynchosia minima</i> (L.) DC.	Baunhran, Mashparui	FO	Throughout palins of India and the Himalayas up to 1200 m	Wild
1320	<i>Rhynchosia rufescens</i> (Willd.) DC.		FO	Peninsular India & N.E. India	Wild
1321	<i>Ribes acuminatum</i> Wall. & G.Don	Black Currant	FR	Eastern Himalayan region	Wild
1322	<i>Ribes glaciale</i> Wall.	WR Black Currant	FR	North West and east Himalayas	Wild , Genetic resource
1323	<i>Ribes nigrum</i> L.	Black Currant	FR	North- West Himalayas	Wild and Cultivated
1324	<i>Ricinus communis</i> L.	Castor	FR	Throughout tropical and subtropical parts of India	Cultivated and Naturalized
1325	<i>Robinia pseudoacacia</i> L.	Black locust	OR/FO	West Himalyas, Rajasthan and Tamil Nadu	Introduced
1326	<i>Rosa odorata</i> (Andrews) Sweet, syn. <i>Rosa gigantea</i> Collett ex Crép.	Wild tea rose	OR	North-eastern Region	Wild, Fruit edible



1327	<i>Rosa clinophylla</i> Thory	Rose	OR	Western Himalayas	Wild , Genetic resource
1328	<i>Rosa damascena</i> Mill.	Damask rose	OR/MP	Many parts of India	Introduced, cultivated
1329	<i>Rosa foetida</i> Herrm. syn. <i>R. eglantheria</i> Hook. f.	Rose	OR	Western Himalayas	Sometimes cultivated
1330	<i>Rosa hirsuta</i> Chabi Gora et Panigr.	WR Rose	OR	Milan Glacier-Ghori valley in Kumaon, Uttarkhand.	Wild; Genetic resource
1331	<i>Rosa longicuspis</i> Bertol.	WR Rose	OR	North-eastern Region	Wild, Genetic resource
1332	<i>Rosa macrophylla</i> Lindl.	WR Rose / Ban gulab	OR	West and East Himalayas at 1200-3600 m	Wild, Genetic resource
1333	<i>Rosa moschata</i> Herrm.	Musk Rose	OR	Western Himalayas	Cultivated
1334	<i>Rosa multiflora</i> Thunb.	Japanese Rose	OR/MP	Eastern Himalayas	Naturalized in U.P. and Assam
1335	<i>Rosa odorata</i> (Andrews) Sweet nothovar. <i>gigantea</i> (Collett ex Crép.) Rehder & E. H. Wilson syn <i>Rosa gigantea</i> Collett ex Crép.	Manipur Wild Rose	OR	Nothovariety in N.E India	Naturalized
1336	<i>Rosa sericea</i> Lindl. subsp. <i>sericea</i>	Rose	OR	Western Himalayas, Eastern Himalayas	Grown as hedge

1337	<i>Rubia cordifolia</i> L.	Indian madder	MP	Many parts of India	Wild and Cultivated
1338	<i>Rubia edgeworthii</i> Hook.f.		OR	N.W.Himalayas.	Wild
1339	<i>Rubus ellipticus</i> Sm.	Himalyan Yellow Raspberry	OR	Himalayas, North-east India, Western and Eastern Ghats	Wild; Genetic Resource
1340	<i>Rubus fockeanus</i> Kurz		OR	Sikkim	Wild
1341	<i>Rubus fragarioides</i> (Michx.) Dum. Cours.	Raspberry	FR	Eastern Himalayan region	Wild
1342	<i>Rubus ghanakantus</i> Joseph et Rolla Rao	Raspberry	FR	Eastern Himalayan region, Arunachal Pradesh	Wild
1343	<i>Rubus griffithii</i> Hook.f.	Raspberry	FR	Eastern Himalayan region	Wild
1344	<i>Rubus hypargyrus</i> Edgew.	Raspberry	FR	Himalayan region	Wild
1345	<i>Rubus hypargyrus</i> Edgew. var. <i>niveus</i> H. Hara	Raspberry	FR	Himalayan region	Wild
1346	<i>Rubus idaeus</i> L. <i>Rubus kumaonensis</i> Balakrishnan	European red raspberry	FR	Hilly areas W. Himalayas to E.Himalayas	Introduced
1347	<i>Rubus lanatus</i> Wall.	WR Raspberry, Hisalu	FR	Central and Western Himalayas	Wild, Genetic resource

1348	<i>Rubus lineatus</i> Reinw. ex Blume	WR Raspberry	FR/OR	Sikkim and Assam, upto 1800–2700 m	Wild, Genetic resource
1349	<i>Rubus moluccanus</i> L.	WR Raspberry	FR	Andaman & Nicobar Isalnds	Wild, Genetic resource, medicine for fistula
1350	<i>Rubus nepalensis</i> (Hook. f.) Kuntze syn <i>Rubus mutantiflorus</i> H. Hara	Raspberry	FR	Western Himalayan region	Wild
1351	<i>Rubus paniculatus</i> Sm.	WR Raspberry	FR	Temp Himalayan region	Wild, Genetic resource
1352	<i>Rubus plicatus</i> Wiehe & Nees syn. <i>Rubus fruticosus</i> L.	Raspberry	FR	Western Himalayas, Upto 2100 m	Cultivated
1353	<i>Rubus rosifolius</i> Sm.	Mauritius Raspberry	FR/OR	Temp. Himalayas	Naturalized
1354	<i>Rubus rugosus</i> Sm.	Himalayan Blackberry	FR	E. Himalayas	Wild, Genetic resource
1355	<i>Rubus senchalensis</i> Hara	Raspberry	FR	Eastern Himalayan region	Wild, Genetic resource
1356	<i>Rubus sikkimensis</i> Hook.f. var. <i>sikkimensis</i>	Sikkim Raspberry	FR	E. Himalayas	Wild
1357	<i>Rubus wardii</i> Merr.	Wild Raspberry	FR	Sikkim Himalayas	Wild, Genetic resource

1358	<i>Rumex acetosa</i> L.	Bladder dock, Garden Sorrel	VE	Western Himalayas from Kumaun to Kashmir	Wild and cultivated
1359	<i>Rumex acetosella</i> L.	Bladder dock, Sheep Sorrel	VE	Eastern Himalayas and Sikkim and in Nilgiris & Palni hills	Wild
1360	<i>Rumex patientia</i> L.	Bladder dock, Patience dock	VE	Western Himalayas from Kumaun to Kashmir	Wild
1361	<i>Rumex vesicarius</i> L.	Bladder dock	VE	Throughout India	Wild
1362	<i>Saccharum arundinaceum</i> Retz.	Sweetcane/ Ramsar	CC	Sikkim & North-Eastern hill region	Wild, Genetic resource
1363	<i>Saccharum barberi</i> Jeswiet	Indian Sugarcane	CC	Gangetic plains	Cultivated
1364	<i>Saccharum bengalense</i> Retz.	WR Sugarcane / Munj	CC	Gangetic plains	Wild, Genetic resource
1365	<i>Saccharum fallax</i> Balansa syn <i>Narenga fallax</i> (Balansa) Bor	WR Sugarcane	WR	North East India	Wild, Genetic resource

1366	<i>Saccharum filifolium</i> Nees ex Steud. syn.: <i>Erianthus filifolius</i> (Nees ex Steud.) Jacks.	WR Sugarcane	WR	North-Western Himalayas, 1500–2500 m	Wild, Genetic resource
1367	<i>Saccharum longisetosum</i> (Andersson) V. Naray. ex Bor	WR Sugarcane	CC	Eastern Himalayas, Sikkim, U.P. hills.	Wild
1368	<i>Saccharum narenga</i> (Nees ex Steud.) Wall. ex Hack.	Kans	FO	Upper Gangetic plains	Wild
1369	<i>Saccharum officinarum</i> L.	Sugarcane	CC	Indo-Gangetic Plains and South Peninsular India	Cultivated
1370	<i>Saccharum procerum</i> Roxb.	Sugarcane	CC	North Eastern hills	Wild, Genetic resourcse
1371	<i>Saccharum ravennae</i> (L.) L.	Italian sugarcane, plume grass, Ravenna grass	CC	W. Himalayas, Punjab, Upper Gangetic plains and extends westwards to the Mediterranean	Wild
1372	<i>Saccharum rufipilum</i> Steud.	WR Sugarcane	WR	Arunachal Pradesh, Jammu and Kashmir, Meghalaya, Nagaland, Sikkim, Uttar Pradesh	Wild
1373	<i>Saccharum sikkimenses</i> Hook f.	WR Sugarcane	CC	Eastern Himalayas; Sikkim.	Along river banks

1374	<i>Saccharum spontaneum</i> L.	WR Sugarcane	CC	North/North-western plains, in tarai and down south	Wild and Cultivated, Genetic resource; Water logged habitat
1375	<i>Saccharum wardii</i> (Bor) Bor	WR Sugarcane	CC	Assam	Wild
1376	<i>Saccharum williamsii</i> (Bor) Bor	WR Sugarcane	CC	Terai regions of Uttar Pradesh, Bihar and Nepal	Wild
1377	<i>Salix alba</i> L.	White Willow	AF	Himalayan region	Wild and Cultivated; Wood for cricket bat making
1378	<i>Salix radinostachya</i> Schneider	Willow	AF	Sikkim	Wood for cricket bat making
1379	<i>Salix stomatophora</i> Floderus	Willow	AF	Sikkim	Wood for cricket bat making
1380	<i>Salix wallichiana</i> Anderss.	Willow	AF	Himalayan region	Wood for cricket bat making
1381	<i>Salvadora indica</i> Royle, syn. <i>S. oleoides</i> Decne*	Salt bush	AF	Western Rajasthan	Wild
1382	<i>Salvadora oleoides</i> Decae	Salt bush	AF	Semi-arid zone	Wild and cultivated

1383	<i>Salvadora persica</i> L.	Toothbrush tree	AF	Dry and Arid region of India	Wild and Cultivated;
1384	<i>Salvia moorcroftiana</i> Wall. ex Benth.	Salvia	OR	Temperate Himalayas from Kashmir to Kumaun	Wild and Cultivated
1385	<i>Salvia officinalis</i> L.	Salvia	OR	Jammu and Kashmir	Introduced
1386	<i>Sandoricum koetjape</i> (Burm. f.) Merrill, syn. <i>S.indicum</i> Cav.	Sentol	FR/AF	South Andamans	Introduced and Naturalized
1387	<i>Sansevieria roxburghiana</i> Schult. & Schult. f.	Indian bowstring-hemp		Occurring wild or as an escape from cultivation on the eastern coast of India from W.Bengal to Tamil Nadu in the South	Wild & Cultivated
1388	<i>Santalum album</i> L.	Sandal	MP/AP	Dry forests of Southern peninsular India	Wild and Cultivated; Introduced to other parts of India
1389	<i>Sapindus emarginatus</i> Vahl	Soap nut	FR	Southern peninsular India	Cultivated
1390	<i>Sapindus mukorossi</i> Gaertn.	Soap nut/ Reetha	FR	Subtropical Himalayas	Wild and Cultivated; Main ingredient in shampoos, source of contraceptive compounds

1391	<i>Sapindus trifoliatus</i> L. syn. <i>S. laurifolius</i> Vahl.	Soap nut/ Trifoliate soapberry	AF	Peninsular India	Wild and Cultivated
1392	<i>Saraca asoca</i> (Roxb.) Willd.	Ashok tree	MP	Tropical and subtropical India, and Andaman islands	Wild and Cultivated
1393	<i>Saraca indica</i> L.	Askok	OR/MP	Tropical and subtropical India, and Andaman islands	Introduced and Cultivated
1394	<i>Satureja montana</i> L.	Winter savory	SP	Kashmir	Introduced and Cultivated
1395	<i>Sauropus androgynus</i> Merrill. syn. <i>S. albicans</i> Blume	Star gooseberry/ Katuk	VG	Tropical and subtropical India	Wild and also grown in home gardens
1396	<i>Saussurea costus</i> (Falc.) Lipsch., syn. <i>S. lappa</i> (Decne.) C.B. Clarke	Kuth	MP	Northwest Himalayas	Wild and cultivated; Listed on CITES
1397	<i>Saussurea atkinsonii</i> C.B. Clarke	Katuk	MP	Jammu & Kashmir, Himachal Pradesh, Uttarkhand in N.W.Himalaya.	Wild
1398	<i>Saussurea clarkei</i> Hook.f.	Saussurea	MP	Western Himalayas	Wild
1399	<i>Saussurea forrestii</i> Diels	Saussurea	MP	Sikkim Himalayas	Wild
1400	<i>Saussurea gnaphaloides</i> (Royle ex DC.) Sch. Bip	Saussurea	MP	West Himalyas	Wild



1401	<i>Saussurea gossipiphora</i> D Don	Saussurea	MP	West & East Himalyas (Sikkim)	Wild
1402	<i>Saussurea nagensis</i> C.E.C.Fischer	Saussurea	MP	Nagaland	Wild
1403	<i>Saussurea obvallata</i> (DC.) Sch. Bip	Saussurea	MP	West & East Himalyas (Sikkim)	Wild
1404	<i>Sclerostachya fusca</i> (Roxb.) A. Camus		FO	Gangetic plains, Kashmir, Assam, in the Khasi, Jaintia and Garo hills, Arunachal Pradesh, especially in the moist regions	Wild
1405	<i>Secale cereale</i> L.	Rye	CE	North-west Himalayas	Cultivated
1406	<i>Sechium edule</i> (Jacq.) Swartz.	Chayote/ Chow chow	VE	North-east and Southern Peninsular india	Introduced and Cultivated
1407	<i>Sehima nervosum</i> (Rottle.) Stapf	Rattail Grass	FO	Many parts of India	Wild and Cultivated
1408	<i>Semecarpus anacardium</i> L.f.	Marking nut tree	FR	Tropical and subtropical forests India	Wild
1409	<i>Semecarpus kurzii</i> Engl.		FR	Andaman & Nicobar islands	Wild
1410	<i>Senna alata</i> (L.) Roxb syn. <i>Cassia alata</i> L	American Senna	MP	Native of tropical America	Introduced & Naturalized

1411	<i>Senna alexandrina</i> Mill. syn. <i>Cassia senna</i> L. syn. <i>Cassia acutifolia</i> Delile; <i>Cassia angustifolia</i> Vahl; <i>Senna angustifolia</i> (Vahl.) Batka	Indian Senna	MP	Many parts of India	Cultivated
1412	<i>Senna auriculata</i> (L.) Roxb. syn. <i>Cassia auriculata</i> L.	Tanners' Cassia	AF	Plains and waste lands throughout India	Cultivated
1413	<i>Senna hirsuta</i> (L.) H.S. Irwin & Barneby, syn. <i>Cassia hirsuta</i> L.	Vetches	AF	Many parts of India	Introduced
1414	<i>Senna italica</i> Mill. subsp. <i>italica</i> syn. <i>Cassia italica</i> L.	Italian Senna	AF	North-west and central India and east and west coasts	Cultivated
1415	<i>Senna obtusifolia</i> (L.) H.S. Irwin & Barneby syn. <i>Cassia obtusifolia</i> L.	Sickle Pod	AF	North-west and Peninsular India	Wild
1416	<i>Senna sophera</i> (L.) Roxb. syn. <i>Cassia sophera</i> L.	Pepper- leaved Senna	AF	North West Himalayas	Wild
1417	<i>Sesamum laciniatum</i> Willd.	WR Sesame	OS	Southern parts of Deccan peninsula.	Genetic resource
1418	<i>Sesamum alatum</i> Thonn.	WR Sesame	OS	Andhra Pradesh	Genetic resource

1419	<i>Sesamum indicum</i> L. syn. <i>S. orientale</i> L.	Sesame	OS	Plains of many parts of India	Cultivated, also semi-wild
1420	<i>Sesamum malabaricum</i> L.	WR Sesame	OS	Malabar region	Wild, Genetic resource
1421	<i>Sesamum mulayanum</i> Nair.	WR Sesame	OS	Western Ghats extending from Dakshin Kannada to Kanyakumari	Wild, Genetic resource
1422	<i>Sesamum prostratum</i> Retz.	WR Sesame	OS	Andhra Pradesh & Tamil Nadu	Genetic resource
1423	<i>Sesamum radiatum</i> Schumach. & Thonn.	WR Sesame	OS	Southern peninsular India	Genetic resource
1424	<i>Sesbania bispinosa</i> (Jacq.)W. Wight	Prickly Sesban	AF/FO	Tropical and sub-tropical parts of India	Wild, weedy
1425	<i>Sesbania cannabina</i> (Retz.) Pers.	Prickly Sesbania/ Dhaincha	AF/FO/ GUM	Gangetic Plains and Orissa, E.India	Wild and Cultivated
1426	<i>Sesbania concolor</i> Gillett	Sesbania	AF	Kathiawar region	Wild, Fodder
1427	<i>Sesbania grandiflora</i> (L.) Pers.	Sesbania; Agasti	VG/MP	Tropical and subtropical regions of India	Cultivated
1428	<i>Sesbania sesban</i> (L.) Merr.	Sesbania	AF/FO	Many parts of India in plains	Wild and Cultivated
1429	<i>Setaria glauca</i> (L.) P. Beauv.	Pigeon or Bottle Grass	FO	Throughout India	Wild

1430	<i>Setaria italica</i> (L.) Beauv	Foxtail millet	ML	Many parts of India	Cultivated
1431	<i>Setaria pallide-fusca</i> Sch.	WR Foxtail millet	ML	North-eastern India	Weedy , Genetic resource
1432	<i>Setaria sphacelata</i> (Schumach.) Stapf & C. E. Hubb. var. <i>sphacelata</i>	African bristle grass	FO	Arid and semi arid zones	Cultivated
1433	<i>Setaria tomentosa</i> Roxb.	WR Foxtail millet	ML	Many parts of India	Damp, shady habitats bordering forests, Gentic resource
1434	<i>Setaria verticillata</i> L.	WR Foxtail millet	ML	Many parts of India	More in humid areas, Genetic resource
1435	<i>Setaria viridis</i> L.	WR Foxtail millet	ML	North Western Himalayas, Upto 3300 m	Genetic resource
1436	<i>Sida cordifolia</i> L.	Country-mallow, flannelweed, heart-leaf sida	MP	Moist places throughout tropical and subtropical India and Nepal	Wild
1437	<i>Simmondsia chinensis</i> (Link) C. K. Schneid.	Jojoba	OS	Rajasthan, Gujarat	Introduced and Cultivated

1438	<i>Sinapsis alba</i> L.	White mustard	OS	North Western Himalayas	Introduced and Cultivated
1439	<i>Solanum aculeatissimum</i> Jacq.	Dutch eggplant, love-apple	WR Brinjal	Running wild in Kerala and Assam in damp and waste places	Introduced and Cultivated
1440	<i>Solanum bracteatum</i> Thunb.	WR Brinjal	VE/ W	Eastern Himalayas, North Eastern Region	Wild
1441	<i>Solanum erianthum</i> D. Don	Big eggplant, potato-tree,	VE	Throughout the tropical and subtropical India and the Andamans	Wild & Cultivated
1442	<i>Solanum giganteum</i> Jacq.	WR/Brinjal	OR	South Peninsular India	Wild, Genetic resource
1443	<i>Solanum incanum</i> L.	WR Brinjal	MP/ W	Lower hills of the Western Himalayas & Shiwalik ranges	Probably Naturalized, Genetic resource
1444	<i>Solanum kurzii</i> Brace ex Prain	WR Brinjal	VE/ W	North-eastern Region	Genetic Resource
1445	<i>Solanum lasiocarpum</i> Dunal syn. <i>Solanum indicum</i> L.	WR Brinjal	VE	Gangetic delta region	Wild
1446	<i>Solanum mammosum</i> L.	Nipple Brinjal	VE	Peninsular India	Introduced from America and Cultivated
1447	<i>Solanum melongena</i> L.	Brinjal	VE	Many parts of India	Cultivated

1448	<i>Solanum melongena</i> L. var. <i>incanum</i> Kuntze	Brinjal	VE	Punjab, Kumaun hills, Rajasthan and Saurashtra (Gujarat)	Antiseptic properties
1449	<i>Solanum nigrum</i> L.	Nightshade	VE/ W/ MP	Many parts of India	Wild, Genetic resource
1450	<i>Solanum pubescens</i> Ruiz & Pav.	WR Brinjal		Deccan peninsula	Wild
1451	<i>Solanum purpureilineatum</i> Sabnis & Bhatt	WR Brinjal	MP	Kaithiawar	Wild, Genetic resource
1452	<i>Solanum sisymbriifolium</i> Lam.	Sticky Nightshade	VE	North East India	Naturalized, Genetic resource
1453	<i>Solanum spirale</i> Roxb.	WR Brinjal	MP	North East India	Wild , Genetic resource
1454	<i>Solanum torvum</i> Sw.	Brinjal Nightshade	VE/ W/ MP	Throughout Indian tropics	Naturalized, Genetic resource
1455	<i>Solanum tuberosum</i> L.	Potato	VE	Many parts of India	Cultivated
1456	<i>Solanum viarum</i> Dunal	Tropical soda-apple Khasi-kateri	VE/ W/ MP	Subtropical regions in several parts of India	Naturalized, Genetic resource
1457	<i>Solanum violaceum</i> Ortega.	WR Brinjal/ Indian Nightshade	VE/ MP	Throughout tropical India	Common in southern and eastern parts, Genetic resource

1458	<i>Solanum virginianum</i> L., syn. <i>Solanum surattense</i> Burm. f., <i>Solanum xanthocarpum</i> Schard. & H. Wendl.	WR Brinjal/ Yellow Fruit Nightshade	VG/MP	Common throughout India	Wild, Genetic resource
1459	<i>Solena heterophylla</i> Lour. syn <i>Melothria heterophylla</i> (Lour.) Cogn.		VE	Eastern Himalayan region	Wild and Cultivated
1460	<i>Sorbus aucuparia</i> L.	European mountain- ash, quickbeam, rowan, rowan-berry		Western temperate Himalayas from Kashmir to Kumaun	Wild
1461	<i>Sorbus himalaica</i> Gabrielian		FR	Eastern Himalayan region	Wild
1462	<i>Sorbus lanata</i> (D. Don) Schauer	doda	FR	Temperate Himalayas from Kashmir to Kumaun	Wild
1463	<i>Sorbus microphylla</i> Wenz.	Sorbus	FR	Himalayan region, Assam	Wild
1464	<i>Sorbus vestita</i> (Wall. ex G. Don) Lodd.	Sorbus	FR	Himalayan region	Wild
1465	<i>Sorghum bicolor</i> (L.) Moench subsp. <i>bicolor</i>	Sorghum	ML	Many parts of India	Cultivated

1466	<i>Sorghum bicolor</i> (L.) Moench subsp. <i>drummondii</i> (Steud.) de Wet ex Davidse	WR Sorghum/ Sudan grass	ML/FO	Many parts of India	Weedy, Genetic resource
1467	<i>Sorghum cernuum</i> Host var. <i>yemense</i> Koern.			Maharashtra, Madhya Pradesh, Bihar, Orissa, and parts of Punjab	
1468	<i>Sorghum deccanense</i> Bor	WR Sorghum	FO	Deccan	Genetic resource
1469	<i>Sorghum halepense</i> (L.) Pers.	WR Sorghum/ Johnson grass	ML/FO	Many parts of India	Weedy, Genetic resource
1470	<i>Sorghum nitidum</i> (Vahl) Pers.	WR Sorghum	CE	Malwa Plateau & Central highlands region	
1471	<i>Sorghum stapfii</i> (Hook.f.) C.E.C.Fisch.	Sorghum	ML	Palaymkottai in Tirunelveli	Genetic resource
1472	<i>Spinacia oleracea</i> Murr.	Spinach	VE	Many parts of India	Cultivated
1473	<i>Spondias pinnata</i> (L.) Kurz.	Common hog plum	FR/AF	Many parts of India	Wild and Cultivated
1474	<i>Stahlianthus involucratus</i> (King ex Baker) Craib ex Loes. syn <i>Kaempferia involucrata</i> King ex Baker		MP	E. Himalayas, North East India	Wild



1475	<i>Stenotaphrum dimidiatum</i> (L.) Brongn.		FO	Southern Western Ghats - Karnataka, Kerala and Tamil Nadu	Wild
1476	<i>Sterculia khasiana</i> Debberman		MP	Khasia –Jaintia hills	Wild
1477	<i>Strychnos nux-vomica</i> L.	Nuxvomica	MP	Tropical India, more common in Southern Peninsular India	Wild and cultivated
1478	<i>Strychnos potatorum</i> L. f.	Clearing Nut Tree	MP	West Bengal, Peninsular India	Wild, Deciduous forests
1479	<i>Stylosanthes guianensis</i> (Aubl.) Sw.	Stylo, Brazilian lucerne,	FO	Assam, West Bengal, Kerala and Tamil Nadu	Introduced and cultivated
1480	<i>Stylosanthes hamata</i> (L.) Taub.	Stylo	FO	Many parts of India	Introduced
1481	<i>Stylosanthes humilis</i> Kunth	Townsville Lucerne	FO	Kerala and Tamil Nadu	Introduced and cultivated
1482	<i>Stylosanthes scabra</i> Vogel	Stylo	FO	Southern Peninsular India	Introduced
1483	<i>Swertia chirayita</i> (Roxb.) H. Karst.	Chirayita	MP	Himalayas	Wild and cultivated
1484	<i>Swietenia macrophylla</i> King	Bara Mahagony	AF	Esatern India	Introduced and cultivated, Timber valuable

1485	<i>Swietenia mahagoni</i> (L.) Jacq.	Mahogany	AF	Warmer regions of India	Introduced and Cultivated ; Timber valuable
1486	<i>Syzygium alternifolium</i> (Wight) Walp.	WR Java plum	FR/ W	Eastern Ghats	Genetic resource
1487	<i>Syzygium andamanicum</i> (King) Balakr.	WR Java plum	FR	Andaman islands	Genetic resource
1488	<i>Syzygium aqueum</i> (Burm. f.) Alston	Watery rose apple	FR	Tropical India	Cultivated
1489	<i>Syzygium argentea</i> Bedd.	WR Clove	SP	Malabar region	Wild , Genetic resource
1490	<i>Syzygium amottianum</i> (Wight) Walp.	WR Java plum	FR/ W	Western Ghats	Wild, Genetic resource
1491	<i>Syzygium aromaticum</i> (L.) Merr. & L. M. Perry	Clove	FR	Southern Peninsular India	Cultivated
1492	<i>Syzygium bracteatum</i> (Willd.) Raizada	WR Java plum	FR/ W	Eastern Ghats, Western Ghats	Wild , Genetic resource
1493	<i>Syzygium claviflorum</i> (Roxb.) Wall ex Cowan & Cowan	WR Java plum	FR/ W	Andaman & Lakshadweep Islands	Wild, Genetic resource
1494	<i>Syzygium cuminii</i> (L.) Skeels, syn. <i>Syzygium jambolanum</i> (Lam.) DC.	Java plum/ Jambolan/ Jamun	FR	Many parts of India, Up to 1800 m	Wild and Cultivated

1495	<i>Syzygium gardneri</i> Thw.	WR Java plum	FR/ W	Western Himalayas	Wild, Genetic resource
1496	<i>Syzygium heyneanum</i> Wall.	WR Java plum	FR	Gangetic plains, Eastern Ghats, Western Ghats	Wild, Genetic resource
1497	<i>Syzygium jambos</i> (L.) Alston	WR Java plum/ Malabar Plum	FR	Western Himalayas, Eastern Ghats, Western Ghats	Introduced and Cultivated
1498	<i>Syzygium manii</i> (King) Balakr.	WR Java plum	FR	Island eco-region	Wild, Genetic resource
1499	<i>Syzygium polyanthum</i> (Wight) Walp.	WR Java plum	FR/ W	Andman & Lakshadweep Islands	Wild, Genetic resource
1500	<i>Syzygium singampattiana</i> Bedd.	WR Java plum	SP	Malabar region	Wild, Genetic resource
1501	<i>Syzygium utilis</i> (Talbot) Rathakr. & Nair	WR Java plum	FR	Konkan & Central W.Ghats	Wild, Genetic resource
1502	<i>Syzygium zeylanicum</i> L.	WR Java plum	FR	Eastern Ghats	Wild, Genetic resource

1503	<i>Tacca leontopetaloides</i> (L.) Kuntze	East Indian arrowroot, Fiji arrowroot, Polynesian arrowroot, Tahiti arrowroot	OR	Hilly tracts covering almost the entire Deccan peninsula, extending into Madhya Pradesh and Bihar	Cultivated
1504	<i>Tagetes erecta</i> L.	African Marigold	OR	Many parts of India	Introduced, Cultivated, garden plant & cut flowers
1505	<i>Tagetes minuta</i> L.	Mexican Marigold	OR	Many parts of India	Introduced, Cultivated, garden plant & cut flowers
1506	<i>Tagetes patula</i> L.	French Marigold	OR	Many parts of India	Introduced, Cultivated
1507	<i>Tamarindus indica</i> L.	Tamarind	FR/AF	Many parts of India in plains & sub-Himalayas	Cultivated and Naturalized
1508	<i>Taxus baccata</i> L.	Common yew	OR	North -West Himalaya	Cultivated
1509	<i>Taxus wallichiana</i> Zucc. var. <i>wallichiana</i>	Himalyan Yew	MP	West and East Himalayas, North-east India	Wild, Listed on CITES

1510	<i>Tecomella undulata</i> (Sm.) Seem.	Rajasthan Teak	AF	Western and Central India	Wild and Cultivated
1511	<i>Tectona grandis</i> L.	Teak	AF	Many parts of India	Cultivated
1512	<i>Tephrosia jamnagarensis</i> Santapau		FO	Kaithiawar	Green manure
1513	<i>Tephrosia purpurea</i> (L.) Pers.	Purple Tephrosia	FO	Many parts of India	Wild and cultivated
1514	<i>Terminalia alata</i> Herb. Madr. ex Wall	Sain	AF	Many parts of India	Wild and Cultivated
1515	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Arjun, kahua, kumbuk, white murdh	OR	Most parts of India	Wild
1516	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Baheda, Belliric myrobalan	MP/AF	Many parts of India	Wild and Cultivated
1517	<i>Terminalia catappa</i> L.	Indian Almond	FR/AF	Tropical and subtropical India	Wild and Cultivated
1518	<i>Terminalia chebula</i> Retz.	Harda, Chebullic myrobalan	MP/AF	Many parts of India	Wild and Cultivated

1519	<i>Terminalia elliptica</i> Willd. syn <i>Terminalia tomentosa</i> Wight & Arn.	Asna, Indian-laurel	MP/AF	Many parts of India	Wild
1520	<i>Terminalia paniculata</i> Roth	Flowering Murdah	MP/AF	Tropical semi- evergreen and tropical moist deciduous forests of the Western & Eastern Ghats	
1521	<i>Tetragonia tetragonioides</i> (Pall.) Kuntze syn. <i>Tetragonia expansa</i> Murr.	New Zealand Spinach	VE	Hills of Bengal and Shillong	Introduced/ cultivated
1522	<i>Tetragonia leucostaphylum</i> (Debbst.) Alston ex Mabb. syn. <i>Vitis lanceolaria</i> Wall. ex Wt. & Arn	WR Grape	FR	Eastern & Western Ghats, N.E. India	Wild
1523	<i>Theobroma cacao</i> L.	Cocoa	FR	Tropical and Subtropical India	Cultivated
1524	<i>Thespesia lampas</i> (Cav.) Dalzell	Ban kapas	MP	Many parts of India	Wild and Cultivated
1525	<i>Thyrsostachys oliveri</i> Gamble	Bamboo	CC	Tripura	Introduced
1526	<i>Tinospora cordifolia</i> (Willd.) Miers	Amrita/ Gulanca	MP	Subtropical forests and scrubs of Peninsular India	Wild and Cultivated
1527	<i>Trachyspermum roxburghianum</i> (DC.) Craib	Ajmud	SP	Lower Himalayas to Southern Peninsular India	Wild and Cultivated

1528	<i>Trachyspermum ammi</i> (L.) Turrill	Ajwain	SP	Many parts of India	Wild and Cultivated
1529	<i>Trachyspermum khasianum</i> H. Wolff	Khasia Ajwain	SP	Khasia-Jaintia hills	Wild
1530	<i>Trapa natans</i> L.	Water chestnut	FR	Many parts of India	Wild and Cultivated
1531	<i>Trapa natans</i> L. var. <i>bispinosa</i> (Roxb.) Makino	Singhara-nut	VE	Throughout the greater parts of India	Wild and Cultivated
1532	<i>Trichosanthes anamalaiensis</i> Bedd.	WR Snake gourd	VE	Southern W.Ghats	Wild, Genetic resource
1533	<i>Trichosanthes cordata</i> Roxb.	WR Snake Gourd	MP	Foot hills of east Himalayas	Wild, Genetic resource
1534	<i>Trichosanthes wallichiana</i> (Ser.) Wight.	WR Snake Gourd	VE	North-eastern Region	Wild, Genetic resource
1535	<i>Trichosanthes cucumeriana</i> L. var. <i>anguina</i> (L) Haines	Snake Gourd	VE	Tropical and subtropical regions of many parts of India	Cultivated
1536	<i>Trichosanthes cucumeriana</i> L. var. <i>cucumeriana</i>	WR Snake Gourd	VE	North-east India and Western Ghats	Wild, Genetic resource
1537	<i>Trichosanthes dioica</i> Roxb.	WR Snake Gourd/ Parwal	VE	Gangetic plains	Semi- Wild and Cultivated

1538	<i>Trichosanthes majuscula</i> (C.B.Clarke) Kundu	WR Snake Gourd	VE	Meghalaya (Khasia- Jaintia-Garo hills)	Wild, Genetic resource
1539	<i>Trichosanthes nervifolia</i> L.	WR Snake Gourd	VE	Western ghats extending from Dakshin Kannada to Kanyakumari	Wild. Genetic resource
1540	<i>Trichosanthes ovigera</i> Blume syn <i>Trichosanthes himalensis</i> C. B. Clarke	Snake gourd	VE	Meghalaya (Khasia- Jaintia-Garo hills)	Wild, Genetic resource
1541	<i>Trichosanthes tomentosa</i> Chakr.	Snake gourd	VE	Northeastern hills	Wild, Genetic resource
1542	<i>Trichosanthes tricuspidata</i> Lour., syn. <i>T. bracteata</i> (Lam.) Voigt	WR Snake Gourd	VE/MP	Western & Eastern Himalayas, peninsula & North-east, up to 1500 m in Himalayas	Wild, Genetic resource
1543	<i>Trichosanthes villosa</i> Blume	WR Snake gourd	VE	North Eastern India	Wild, Genetic resource
1544	<i>Trifolium alexandrinum</i> L.	Egyptian Clover	FO	North -west India and south peninsular India	Introduced and Cultivated
1545	<i>Trifolium repens</i> L.	White Clover	FO	Himalayan zone and Nilgiris	Introduced and Cultivated
1546	<i>Trigonella balanse</i> Boiss. & Reut. syn. <i>Trigonella corniculata</i> (L.) L.	WR Fenugreek/ Champa Methi	MP	Gangetic plains, Sikkim and West Bengal	Wild and Cultivated



1547	<i>Trigonella cachemiriana</i> Cambess.	WR Fenugreek	SP	Himachal Pradesh, Jammu & Kashmir	Wild
1548	<i>Trigonella corniculata</i> (L.) L.	Kasuri methi		Western Himalayas, extending eastwards to Bihar and West Bengal	Wild
1549	<i>Trigonella emodi</i> Benth.	WR Fenugreek	SP	Western Himalayas, up to 3000 m	Wild, Genetic resource
1550	<i>Trigonella fimbriata</i> Benth.	WR Fenugreek	Forage	W. Himalayas	Wild
1551	<i>Trigonella foenum-graceum</i> L.	Fenugreek	SP/VE	In dry/ tropical regions of India	Cultivated
1552	<i>Trigonella glabra</i> Thunb. subsp. <i>uncata</i> (Boiss. & Noë) Lassen syn <i>Trigonella uncatata</i> Boiss. & Noë	WR Fenugreek	Forage	Gujarat, Rajasthan	Wild
1553	<i>Trigonella gracilis</i> Benth.	WR Fenugreek	FO	Western Himalayas	Wild, Genetic resource
1554	<i>Trigonella obcordata</i> Benth.	WR Fenugreek	Forage	Haryana, Punjab, U.P. & M.P.	Wild
1555	<i>Trigonella occulta</i> Ser.	WR Fenugreek	MP	Indo-Gangetic Plains	Wild, Genetic resource
1556	<i>Trigonella podperae</i> (Sirj.) Vassilcz.	WR- Fenugreek	FO	Jammu & Kashmir	Wild, Genetic resource

1557	<i>Trilobachne cookei</i> (Stapf) Schenck ex Henrard	WR	FO	Peninsular India	Endemic
1558	<i>Tripsacum laxum</i> Nash	Grama- gautemala	FO	Semi-arid and arid zones	Introduced and Cultivated
1559	<i>Triticum aestivum</i> L.	Wheat	CE	Throughout the greater part of India; cultivated mainly in Punjab, Haryana, U.P., Bihar, Northern Rajasthan	Cultivated
1560	<i>Triticum aestivum</i> L. subsp. <i>spelta</i> (L.) Thell.	WR Wheat	CE	Many parts of India	Cultivated
1561	<i>Triticum aestivum</i> L. subsp. <i>aestivum</i>	Wheat	CE	Many parts of India	Cultivated
1562	<i>Triticum aestivum</i> L. subsp. <i>compactum</i> (Host) Mackey	Cluster Wheat	CE	Many parts of India	Cultivated
1563	<i>Triticum aestivum</i> L. subsp. <i>macha</i> (Dekapr & Menabde) Mackey	Wheat	CE	Many parts of India	Cultivated
1564	<i>Triticum aestivum</i> L. subsp. <i>sphaerococcum</i> (Percival) Mackey	WR Wheat	CE	Many parts of India	Cultivated, Genetic resource
1565	<i>Triticum isphanicum</i> Heslot	Wheat	CE	Many parts of India	Cultivatedn, Genetic resource

1566	<i>Triticum monococcum</i> L. subsp. <i>monococcum</i>	Einkorn Wheat	CE	Many parts of India	Cultivated
1567	<i>Triticum turgidum</i> L. subsp. <i>dicocon</i> (Schrank) Thell.	Emmer Wheat	CE	Many parts of India	Cultivated
1568	<i>Triticum turgidum</i> L. subsp. <i>durum</i> (Desf.) Husn.	Durum Wheat	CE	Many parts of India	Cultivated
1569	<i>Triticum turgidum</i> L. subsp. <i>polonicum</i> (L.) Thell. syn. <i>Triticum polonicum</i> L.	WR Wheat	CE	Many parts of india	Genetic resource
1570	<i>Triticum uniaristatum</i> (Vis.) K.Richt	WR Wheat	CE	Many parts of India	Cultivated
1571	<i>Tulipa clusiana</i> DC. forma <i>stellata</i> (Hook.) S. Dasgupta & Deb	Wild Tulip	TC/OR	Western Himalayas	Genetic resource
1572	<i>Tylophora indica</i> (Burm. f.) Merr.	Emetic Swallow- wort, Indian or Country - Ipecacuanha	MP	Assam, West Bengal, Orissa and the peninsular India	Wild
1573	<i>Ulmus wallichiana</i> Planch.	Ulmus	AF/MP	Western Himalayas, up to 3000 m	Wild
1574	<i>Urginea indica</i> (Roxb.) Kunth	Indian Squill	MP	Plains of India & dry hills	Wild

1575	<i>Urochloa brizantha</i> (Hochst. ex A. Rich.) R. D. Webster, syn. <i>Brachiaria brizantha</i> Hochst. ex A. Rich.	Signal grass	FO/MP	Semi -arid zones	Introduced and Cultivated
1576	<i>Urochloa decumbens</i> (Stapf) R. D. Webster syn. <i>Brachiaria decumbens</i> Stapf	Surinam grass	FO	Semi -arid zones	Introduced and Cultivated
1577	<i>Urochloa mosambicensis</i> (Hack.) Dandy	Sabi grass	FO	Semi -arid zones	Introduced and Cultivated
1578	<i>Urochloa ruziziensis</i> (R. Germ. & C. M. Evrard) Crins, syn. <i>Brachiaria ruziziensis</i> R. Germ. & C. M. Evrard	Ruzi grass	FO	Semi -arid zones	Introduced and Cultivated
1579	<i>Valeriana officinalis</i> L.	Common valerian	MP	Temperate Himalayas	Cultivated
1580	<i>Vanda coerulea</i> Griff. ex Lindl	Blue Orchid	OR	Eastern Himalayas	Listed on CITES
1581	<i>Vanda wightii</i> Reichb f.	Vanda	OR	Southern Western Ghats	Wild Genetic resource
1582	<i>Vanilla andamancia</i> Rolfe	WR Vanilla	OR	Andman Nicobar	Genetic resource
1583	<i>Vanilla planifolia</i> Andr.	Vanilla	CC/W	Humid tropics of Southern Peninsular India	Cultivated

1584	<i>Vanilla walkeriae</i> Wight	WR Vanilla	OR	Southern Western Ghats	Genetic resource
1585	<i>Vanilla wightiana</i> Lindl. ex Hook.f	WR Vanilla	OR	Southern Western Ghats	Genetic resource
1586	<i>Vateria indica</i> L.	Indian copal tree	AF	Southern western Ghats	Wild, wood durable
1587	<i>Verbena officinalis</i> L.	Vervain	MP	Western Himalayas	Wild and Cultivated
1588	<i>Vetiveria zizanioides</i> L.	Vetiver/ Khus Khus	MP	Plains of India & dry hills	Wild and Cultivated
1589	<i>Vicia faba</i> L.	Broad Bean	GL	Indo-gangetic Plains and Tamil Nadu	Cultivated
1590	<i>Vicia sativa</i> L.	Common vetch	GL	Indo-gangetic Plains and Tamil Nadu	Wild, weedy
1591	<i>Vigna aconitifolia</i> (Jacq.) Marechal	Moth bean	GL	Many parts of India	Indigenous and Cultivated
1592	<i>Vigna angularis</i> (Willd) Ohwi & H.Ohashi	Adzuki bean	GL	Many parts of India	Introduced and Cultivated
1593	<i>Vigna bourneae</i> Gamble	WR Vigna	GL	Tamil Nadu	Wild, Genetic resource
1594	<i>Vigna clarkei</i> Prain	WR Vigna	GL	Nodth Eastern India	Wild, Genetic resource

1595	<i>Vigna dalzelliana</i> (Kuntze) Verdc.	WR Vigna	GL	North and Central India, Eastern and Western Ghats	Wild, Genetic resource
1596	<i>Vigna hainiana</i> Babu et al.	WR Vigna	GL	Plains(Malwa Plateau and Central Highlands), Eastern Ghats	Wild, Genetic resource
1597	<i>Vigna khandalensis</i> (Santapau) Raghavan & Wadhwa syn. <i>V. grandis</i> (Dalz. & Gibbs.) Verdc.	WR Vigna	GL	Western Ghats, Khandala	Wild, Genetic resource
1598	<i>Vigna mungo</i> (L.) Hepper	Black gram, Urdbean	GL	Many parts of India	Cultivated
1599	<i>Vigna mungo</i> (L.) Hepper var. <i>silvestris</i> Lukoki et al.	WR Black gram	GL	Tropical India	Genetic resource
1600	<i>Vigna prainiana</i> Babu & S.K Sharma	WR Vigna	GL	Sikkim & Uttar Pradesh, South east Asia	Wild, Genetic resource
1601	<i>Vigna radiata</i> (L.) Wilczek	Green gram	GL	Many parts of India	Cultivated
1602	<i>Vigna radiata</i> (L.) Wilczek var. <i>sublobata</i> (Roxb.) Verdc.	WR Green gram	GL	Indo-gangetic and Peninsular region	Genetic resource
1603	<i>Vigna trilobata</i> (L.) Verdc.	WR Vigna	GL/FO	East & Western Himalayas, North East, Western and Central India, Western and Eastern Ghats	Genetic resource

1604	<i>Vigna trilobata</i> (L.) Verdc. var. <i>pusilla</i> V.N.Naik & Pokle	Pillipesara	GL	North Western deccan region	Genetic resource
1605	<i>Vigna umbellata</i> (Thunb.) Ohwi & H. Ohashi	Rice Bean	GL/FO	Western, Eastern Himalayas & North-east hills	In hilly tracts, Cultivated
1606	<i>Vigna unguiculata</i> (L.) Walp. subsp. <i>sesquipedalis</i> (L.) Verdc.	Asparagus Bean	GL	North-east India	Introduced and Cultivated
1607	<i>Vigna unguiculata</i> (L.) Walp. subsp. <i>unguiculata</i>	Cow pea	GL/FO	Many parts of India	Warmer parts, Cultivated
1608	<i>V. vexillata</i> (L.) Rich., syn. <i>Vigna capensis</i> Thunb.	Zombi-Pea.	GL	North-east hills, Western & Eastern Ghats	Wild, Genetic resource
1609	<i>Vigna vexillata</i> (Linn.) A.Rich. var. <i>wightii</i> (Benth. ex Baker) Babu & Sharma	WR Vigna	GL	Southern W.Ghats	Genetic resource
1610	<i>Viola cinerea</i> var. <i>stocksii</i> forma <i>kathiwarensis</i>	WR Viola	OR	Gujarat	Wild
1611	<i>Vitis flexuosa</i> Thunb. var. <i>parvifolia</i> (Roxb.) Gagnepain	WR Grape	FR	Assam, Himachal Pradesh, Jammu and Kashmir, Manipur, Uttar Pradesh, West Bengal	Wild, fruits edible
1612	<i>Vitis heyneana</i> Roem. & Schult.	WR Grape	FR	Andhra Pradesh, Assam, Himachal Pradesh, Meghalaya, Sikkim, West Bengal	Wild, fruits edible

1613	<i>Vitis vinifera</i> L.	Grape	FR	Karnataka, Tamil Nadu and Andhra Pradesh	Cultivated
1614	<i>Wallichia triandra</i> (Joseph) S.K. Basu	Palm	OR	Arunachal Pradesh	Bushy plant
1615	<i>Withania coagulans</i> (Stocks) Dunal	Indian rennet	MP	Western Rajasthan	Wild and Cultivated
1616	<i>Withania somnifera</i> (L.) Dunal.	Ashawg-andha	MP	Many parts of India	Wild and Cultivated
1617	<i>Wrightia tinctoria</i> (Roxb.) R. Br.	Pala indigo-plant	MP	Rajasthan, Madhya Pradesh and the peninsular India	Wild
1618	<i>Zea mays</i> L.	Maize	CE	Many parts of India	Cultivated
1619	<i>Zingiber capitatum</i> Roxb.	WR Ginger	SP	Tropical Himalayas, N. E. India	Wild
1620	<i>Zingiber cernuum</i> Dalz.	WR Ginger	SP	Peninsular India	Genetic resource
1621	<i>Zingiber chrysanthum</i> Roscoe	WR Ginger	SP	Tropical Himalaya to N.E. India	Wild
1622	<i>Zingiber clarkei</i> King ex Benth.	WR Ginger	SP	E.Himalayas	Wild
1623	<i>Zingiber intermedium</i> Baker	WR Ginger	SP	Eastern India	Wild
1624	<i>Zingiber neesanum</i> (Grah.) Ramamoorthy, syn. <i>Zingiber macrostachyum</i> Dalz.	WR Ginger	SP	Peninsular India	Wild, Genetic resource



1625	<i>Zingiber nimmonii</i> (J.Graham) Dalzell	WR Ginger	SP	Peninsular India	Wild, Genetic resource
1626	<i>Zingiber officinale</i> Roscoe	Ginger	SP	Southern peninsular region and North-east India	Cultivated
1627	<i>Zingiber purpureum</i> Roscoe	Ginger	SP/MP	Throughout India except the Himalayas.	Wild and Cultivated
1628	<i>Zingiber roseum</i> (Roxb.) Roscoe	WR Ginger	SP	Southern India & Eastern India	Wild
1629	<i>Zingiber rubens</i> Roxb.	WR Ginger	SP	Eastern India to N.E.India	Wild
1630	<i>Zingiber wightianum</i> Thwaites	WR Ginger	SP	Peninsular India, Sri Lanka	Wild
1631	<i>Zingiber zerumbet</i> (L.) Roscoe ex J. E. Smith	WR Ginger	SP	Throughout India	Wild and Cultivated
1632	<i>Ziziphus glabrata</i> Roth	WR Jujube	MP	Eastern Ghats & Western Ghats	Wild
1633	<i>Ziziphus jujuba</i> Mill	Jujube	FR	Kashmir and Himachal Pradesh	Cultivated
1634	<i>Ziziphus mauritiana</i> Lam. syn. <i>Z. vulgaris</i> Lam.	Indian Jujube	FR	Many parts of India	Wild and Cultivated
1635	<i>Ziziphus nummularia</i> (Burm.f.) Wight and Arn.	WR jujube	FR	Semi-arid zone & Deccan Peninsula	Used as root stock, Cultivated

1636	<i>Ziziphus oenoplia</i> (L.) Mill.	Jackal jujube	FR	Gangetic plains	Wild, Genetic resource
1637	<i>Ziziphus oxyphylla</i> Edgew.	WR Ber	FR	Western Himalayas	Wild, Genetic resource
1638	<i>Ziziphus rugosa</i> Lam.	WR jujube	FR	Western Himalayas, Gangetic plains	Wild, Genetic resource
1639	<i>Ziziphus truncata</i> Baltt. & Hallb.	WR jujube	FR	Jaisalmer, Jodhpur	Wild, Genetic resource
1640	<i>Ziziphus williamsii</i> Bhandari & Bhansali	WR jujube	FR	Kathiawar	Wild, Genetic resource
1641	<i>Ziziphus xylopyra</i> (Retz.) Willd	WR jujube	FR	Throughout India excepting Eastern India	Wild and Cultivated

★ English and Local names

AF=Agro-forestry; CC=Commercial Crops; CE= Cereals;F=Forestry; FI=Fibre; FO=Forage; GL=Grain legumes; ML=Millet; MP=Medicinal plants; NMP=Narcotics & MP; NUT=Fruit nuts; OR=Ornamental; OS=Oilseeds; OT=Other; PC=Pseudocereals; SP=Species; TC=Tuber Crops; VE=Vegetable; W=Wild; Grain Legume=GL; SP =Spice, Fr= Fruit; MP= Medicinal Plant;Ve = Vegetable;TC = Tuber crop; WR=Wild Relative

## REFERENCES

- Anon. 1948–1986. *Wealth of India: A Dictionary of Indian Raw Materials and Industrial Products A-Z*, Vol 1 to Vol 11, Publication and Information Directorate, Council of Scientific and Industrial Research, New Delhi.
- Anon. 2000–2004. *Wealth of India*, First supplement series, Vol 1 to 5, National Institute of Science Communication and Information Resources, Council of Scientific and Industrial Research, New Delhi.
- Anon. 1986. *The useful plants of India*. Publication and Information Directorate, Council of Scientific and Industrial Research, New Delhi, pp. 918.
- Anon. 2008. The Origin of Races in India. <http://www.Culturopedia.com/tribes/tribesintro.Html>
- Anon. 2008. Deccan Plateau. Traditional Water Systems. <http://www.Rainwaterharvesting.org/Rural/decanplat-trad.html>
- Altieri, M.A. 1990. Why Study Traditional Agriculture?. In: *Agroecology*. eds. C.R. Carroll, J. H. Vandermeer and P. Rosset, McGraw- Hill Publishing Company, New York.
- Arora, R. K. and E. R. Nayar. 1984. *Wild Relatives of Crop Plants in India*, NBPGR Monograph No. 7 National Bureau of Plant Genetic Resources, New Delhi.
- Bhag Mal. 1992. Biodiversity utilization and conservation in underutilized plants: Indian perspective. *Indian J. Pl. Genet. Resources* 5:1–22.
- Bhag Mal. 1994. Underutilized grain legumes and pseudocereals- their potentials in Asia. RAPA, FAO, Bangkok, Thailand, 162 p.

- Bhag Mal, P. S. Pathak, V. S. Upadhyay, J.N. Gupta and G. Suresh. 2006. Forage Crops and Grasses. Pp1128-1161 in Handbook of Agriculture. Indian Council of Agricultural Research, Krishi Bhavan, New Delhi, 1346 p.
- Bhattacharya S.C. and S. Dutta. 1956. Classification of *Citrus* fruits of Assam. Indian Council of Agricultural Research Sci. Monograph 20:1-110.
- Chatterjee S., S. Dey, R. S. Rana and A. R. K. Sastry. 2000. *Bioresources Conservation Practices: A Study of the Apatani Tribe in Arunachal Pradesh*. WWF-India, New Delhi.
- Damania, A.B. 2002. The Hindustan centre of origin of important plants. *Asian Agri-history* 6: 333-341.
- Ehrlich P.R. and A.H. Ehrlich 1981. *Extinction*. Random House, New York, USA.
- FAO 2008. Globally Important Agricultural Heritage Systems (GIAHS), FAO. <http://www.fao.org/sat/giahs.asia.imp>
- Gadgil, M. and R. Guha. 1992. *The Fissured Land: An Ecological History of India*, Oxford University Press, Delhi.
- Gadgil, M., F. Berkes and C. Folke. 1993. Indigenous knowledge for biodiversity conservation, *Ambio* 22: 266-270.
- Govt. of India: 2001. The Protection of Plant varieties and Farmers' Right Act. 2001.
- Govt. of India: 2004. The Biological Diversity Act 2002 and the Biological Diversity Rules 2004.
- Harlan, J.R. (eds.) 1976. Genetic resources in wild relatives of crops. *Crop Sci.* 16: 329-333.
- Hawkes, J.G. 1983. *The Diversity of Crop Plants*. Harvard University Press, London.
- ICAR. 1970. Agriculture Yearbook – New Vistas in Crop Yields. Indian Council of Agricultural Research, New Delhi, India, 689p.

International Legume Database and information System (ILDIS) [http://: www.ildis.org](http://www.ildis.org)

Karthikeyan, S., S. K. Jain, M.P.Nayar and M. Sanjappa 1989. *Florae Indicae Enumeratio Monocotyledonae*. Botanical Survey of India, Calcutta. 435 p.

Kaul, M.K. 1997. *Medicinal plants of Kashmir & Ladakh, Temperate and cold Himalaya*. Indus Publishing Co., New Delhi. 173 p.

Myers, N. 1991. *A Wealth of Wild Species*. West View, Boulder Co.

Myers, N., R.A. Mittermeier, C.G. Mittermeier, G.A.B. de Fonseca and J. Kent, 2000. Biodiversity hotspots for conservation priorities. *Nature* 403: 853-560.

National Commission on Farmers 2006: (M. S. Swaminathan Report): *Serving farmers and saving farming 1-50*, Govt. of India.

NATP 1999-2004, National Agricultural Technology Project-Consolidated report.

National Bureau of Plant Genetic Resources, New Delhi.

Natural Resources Conservation Service (NRCS) 2008. Database provides standardized information about the vascular plants, mosses, liverworts, hornworts and lichens of the U.S. and its territories [http://www.plants.usda.gov/java/profile\(NRCS\)](http://www.plants.usda.gov/java/profile(NRCS))

Nayar, M.P.1996. *Hot spots of endemic plants of India, Nepal and Bhutan*. Tropical Botanic Garden and Research Institute, Palode, Thiruvananthapuram , 252 p

Nayar, M.P. 2004. "Warm spots": Woodlands and grasslands as crucibles of agrobiodiversity. Pp 38-55; In: *Plant Genetic Resource Management* (eds. B.S. Dhillon, R. K. Tyagi, Arjun Lal, S.Saxena). Narosa Publishing House, New Delhi.

- Nayar, M.P. and A. R. K. Sastry. (eds.) 1987. *Red Data Book of Indian Plants*. Volume 1, Botanical Survey of India, Howrah. 383 p.
- Nayar, M.P. and A. R. K. Sastry. (eds.) 1988. *Red Data Book of Indian Plants Volume 2*. Botanical Survey of India, Calcutta, 273 p.
- Nayar, M.P. and A. R. K. Sastry. (eds.) 1990. *Red data Book of Indian Plants Volume 3*, Botanical Survey of India, Calcutta, 271 p.
- Nayar, M.P., K. Ramamurthy and V.S. Agarwal. 1989. *Economic Plant of India, Volume 1*, Botanical Survey of India, Calcutta, Pp1-160.
- Nayar, M.P., K. Ramamurthy and V. S. Agarwal. 1994. *Economic Plant of India Volume 2*, Botanical Survey of India, Calcutta, Pp161-258.
- Nayar, M.P. 2007. Climate change and changing vegetation of India. *Environmental Awareness* 30: 31-37.
- Nayar, E. Roshini, Anjula Pandey, Kamala Venkatewaran, Rita Gupta B.S Dhillon. 2003. *Crop plants of India: a checklist of scientific names*. National Bureau of Plant Genetic Resources, New Delhi, India, 48 p.
- Nagarajan, S. 2007 A White paper on Agro-biodiversity Hot spots. Paper circulated at the National level consultation at North Eastern Hill University, Shillong on 1-2 June, 2007, Pp1-13.
- Paroda, R.S., Promila Kappor, R.K.Arora and Bhag Mal. 1988. *Life Support Plant Species: Diversity and Conservation*. National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi. 190 p.
- PPV & FRA 2007. *Plant variety genome savior community recognition from the National Gene Fund: Application form and procedures*. 1-18. Govt. of India.

- Ramakrishnan, P.S. 1992. *Shifting agriculture and sustainable development: An interdisciplinary study from north-east India*. Man and Biosphere Series Volume 10. UNESCO and Parthenon Publishing Group.
- Rana, R.S., R. K. Saxena, R. K. Tyagi, S. Saxena and V. Mitter (eds.) 1994. *Ex-situ Conservation of plant genetic resources*. National Bureau of Plant Genetic Resources, New Delhi. 330 p.
- Rana R.S. and Sudipto Chatterjee, 2000. Prioritisation of wild relatives of crop plants and domesticated animals in India. Pp 474-490 in *Setting Biodiversity Conservation Priorities for India*, eds. Shekhar Singh, A. R. K. Sastry, Raman Mehta, Vishaish Uppal Vol. 2: 341-691. World Wide Fund for Nature –India, New Delhi.
- Shankarnarayan, K.A., and S.K. Saxena. 1988. Life Supporting Arid Zone Plants in Famine Period, Pp 55-59; In: *Life Support Plant Species: Diversity and Conservation* eds. R. S. Paroda, Promila Kappor, R. K. Arora, Bhag Mal, National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi, 190 p.
- Sharma S. D., 2000. *Conservation of Agrobiodiversity: A Study of the Ecosystem Approach in Jeypore Tract, Orissa*. WWF-India, New Delhi.
- Singh, A.K 2004. Endangered economic species of Indian desert, *Genetic Resources and Crop Evolution* 51:371-380.
- Singh A K, Pandey, Chitra. 2005. Vegetable germplasm diversity in Asia and its use in India, Pp 62-81; In: *Crop Improvement and Production Technologies of Horticultural Crops* eds. K.L Chadda, B.S. Aluwhalia, KV. Prasad and S.K. Singh, Vol. I, Malhotra Publishing House, New Delhi.
- Singh, A.K., Kalyani Srinivasan, Sanjeev Saxena, B. S. Dhillon 2006. *Hundred years of plant genetic resources management*. National Bureau of Plant Genetic Resources, New Delhi, 255 p.

- Smartt J. and N.W. Simmonds, (eds). 1995. *Evolution of crop plants*. Longman Group, UK Limited, Pp. 531.
- Sperling, L. and M. Loevinsohn, (eds.) 1996. *Using diversity: enhancing and maintaining genetic resources on-farm*: Proceedings of a Workshop held India International Development Research Centre, New Delhi on, 19-21 June 1995.
- Stebbins, G.L. 1950. *Variation and Evolution in Plants*, Columbia University Press, New York, USA.
- The Agricultural Research Service (ARS) 2008. U.S. Department of Agriculture's chief scientific research agency, <http://www.ars.usda.gov/research>
- The International Plant Names Index (IPNI) database 2008. <http://www.ipni.org>
- The United States Department of Agriculture (USDA), Agricultural Research Service's (ARS) National Plant Germplasm System (NPGS) 2008. <http://www.ars-grin.gov/cgi-bin/npgs/html>
- Vavilov, N.I. 1951. The Origin of variation, immunity, breeding of cultivated Plants, *Chronica Botanica* Vol 13. No.1: 1-374.
- Verma R.C.2002. Indian tribes through the ages Publication Division, Ministry of Information and Broadcasting, Govt. of India, New Delhi, Pp 1-344.
- Vishnu-Mittre. 1974. Palaeobotanical evidence in India, Pp 3-32; *In: Evolutionary studies in world crops* (ed. Joseph Hutchinson), Cambridge University Press, London.175 p.
- WCMC. 1992. *Global biodiversity: status of the earth's living Resources*. World Conservation Monitoring Centre, Chapman and Hall, London.
- Zeven, A.C. and J.M.T. de Wet, 1982. *Dictionary of cultivated plants and their regions of diversity*. Centre of Agricultural Publicity and Documentation Wageningen, The Netherlands.



International databases and other web resources:

<http://www.ars.usda.gov/research>

<http://www.ars-grin.gov/egi-bin/npgs/html>

<http://www.beta.uniport.org/taxonomy>

<http://www.culturopedia.com/tribes/tribesintro.html>

<http://www.efloras.org>

<http://www.en.neikipedia.org/neiki/konkan>

<http://www.fao.org/sd.giahs>

<http://www.ildis.org>

<http://www.ipni.org>

[http://www.plants.usda.gov/java/profile\(NRCS\)](http://www.plants.usda.gov/java/profile(NRCS))

<http://www.rainwaterharvesting.org/Rural>

<http://www.zipcodezoo.com/plants>