

# Appendices

## Appendix-I

### List of Flora and Fauna of South Odisha

Trees		
<i>Ākāsiā</i>	<i>Acacia auriculiformis</i>	<i>Mimoseae</i>
<i>Āmba</i>	<i>Mangifera indica</i>	<i>Anacardiaceae</i>
<i>Āmbaḍā</i>	<i>Spondias pinnata</i>	<i>Anacardiaceae</i>
<i>Āmthi</i>	<i>Lasiobema retusum</i>	<i>Caesalpinieae</i>
<i>Āchu</i>	<i>Morinda pubescens</i>	<i>Rubiaceae</i>
<i>Āñkulo</i>	<i>Alangium salvifolium</i>	<i>Cornaceae</i>
<i>Āmlā</i>	<i>Emblica officinalis</i>	<i>Euphorbiaceae</i>
<i>Arjuna</i>	<i>Terminalia arjuna</i>	<i>Combretaceae</i>
<i>Asan</i>	<i>Terminalia alata</i>	<i>Combretaceae</i>
<i>Aśhoka</i>	<i>Saraca asoca</i>	<i>Caesalpinieae</i>
<i>Aśwasth</i>	<i>Ficus religiosa</i>	<i>Moraceae</i>
<i>Babul</i>	<i>Acacia nilotica</i>	<i>Mimosaceae</i>
<i>Bahaḍā</i>	<i>Terminalia bellirica</i>	<i>Combretaceae</i>
<i>Baṅdhan</i>	<i>Ongoinia oojeinensis</i>	<i>Papilionaceae</i>
<i>Baṅakopāsiā</i>	<i>Kydia calycina</i>	<i>Malvaceae</i>
<i>Barbakuliā</i>	<i>Dalbergia paniculata</i>	<i>Papilionaceae</i>
<i>Bara</i>	<i>Ficus bengalensis</i>	<i>Moraceae</i>
<i>Borkuli</i>	<i>Zizyphus mauritiana</i>	<i>Rhamnaceae</i>
<i>Baruṅa</i>	<i>Crateva religiosa</i>	<i>Capparidaceae</i>
<i>Batrā</i>	<i>Melia composita</i>	<i>Meliaceae</i>
<i>Bel</i>	<i>Aegle marmelos</i>	<i>Rutaceae</i>
<i>Bhāliā</i>	<i>Semicarpus anacardium</i>	<i>Anacardiaceae</i>
<i>Bentha</i>	<i>Naringi crenulata</i>	<i>Rutaceae</i>

<i>Bheru</i>	<i>Chloroxylon swietenia</i>	<i>Meliaceae</i>
<i>Bija</i>	<i>Pterocarpus marsupium</i>	<i>Papilionaceae</i>
<i>Chākuṇḍā</i>	<i>Cassia florida</i>	<i>Caesalpiniaceae</i>
<i>Chāndan</i>	<i>Santalum album</i>	<i>Santalaceae</i>
<i>Chār</i>	<i>Buchanania lanzan</i>	<i>Anacardiaceae</i>
<i>Chāuldhuā</i>	<i>Glycosmis pentaphylla</i>	<i>Rutaceae</i>
<i>Chhatiān</i>	<i>Alstonia scholaris</i>	<i>Apocynaceae</i>
<i>Chikni (kalicha)</i>	<i>Glochidion lanceolarium</i>	<i>Euphorbiaceae</i>
<i>Chotarāi</i>	<i>Dillenia aurea</i>	<i>Dilleniaceae</i>
<i>Chhuipātāli</i>	<i>Stereospermum angustifolium</i>	<i>Bignoniaceae</i>
<i>Chāraiguri</i>	<i>Vitex peduncularis</i>	<i>Verbenaceae</i>
<i>Damgurudu</i>	<i>Gardenia latifolia</i>	<i>Rubiaceae</i>
<i>Dambalu</i>	<i>Ehretia laevis</i>	<i>Boraginaceae</i>
<i>Ḍhaurāñjo</i>	<i>Holoptelia integrifolia</i>	<i>Ulmaceae</i>
<i>Ḍhāman</i>	<i>Grewia tiliaefolia</i>	<i>Tiliaceae</i>
<i>Ḍhaurā</i>	<i>Anogeissus latifolia</i>	<i>Combretaceae</i>
<i>Ḍimiri</i>	<i>Ficus racemosa</i>	<i>Moraceae</i>
<i>Eucalyptus</i>	<i>Eucalyptus spp.</i>	<i>Myrtaceae</i>
<i>Gāigutiā</i>	<i>Dimorphocalyx glabellus</i>	<i>Euphorbiaceae</i>
<i>Gāmbhāri</i>	<i>Gmelina arborea</i>	<i>Verbenaceae</i>
<i>Gāndhapalās</i>	<i>Milium velutina</i>	<i>Anonaceae</i>
<i>Gandiāri</i>	<i>Colchlospermum religiosum</i>	<i>Bixaceae</i>
<i>Genduli</i>	<i>Colchlospermum religiosum</i>	<i>Bixaceae</i>
<i>Ganiāri</i>	<i>Colchlospermum religiosum</i>	<i>Bixaceae</i>
<i>Garkhāri</i>	<i>Acacia ferruginea</i>	<i>Mimosaceae</i>

<i>Ghontol</i>	<i>Zizyphus glaberrima</i>	<i>Rhamnaceae</i>
<i>Ghodālāñjiā</i>	<i>Albizia chinensis</i>	<i>Mimosaceae</i>
<i>Ghokthokikā</i> ( <i>gangasiuli</i> )	<i>Nyctanthes arbortristis</i>	<i>Oleaceae</i>
<i>Giridhini</i>	<i>Sterculia urens</i>	<i>Sterculiaceae</i>
<i>Giriṅga</i>	<i>Pterospermum xylocarpum</i>	<i>Sterculiaceae</i>
<i>Gahira</i>	<i>Acacia leucophloea</i>	<i>Mimosaceae</i>
<i>Halḍā</i>	<i>Diospyros montana</i>	<i>Ebenaceae</i>
<i>Hariḍā</i>	<i>Terminalia chabula</i>	<i>Combretaceae</i>
<i>Hiñjal</i>	<i>Barringtonia acutangula</i>	<i>Myrtaceae</i>
<i>Jāmbu</i> ( <i>jāmun</i> )	<i>Syzygium cumini</i>	<i>Myrtaceae</i>
<i>Jaisaṅḍā</i>	<i>Litsea glutinosa</i>	<i>Lauraceae</i>
<i>Jari</i>	<i>Ficus lutescens</i>	<i>Moraceae</i>
<i>Jeutha</i>	<i>Artocarpus lacucha</i>	<i>Moraceae</i>
<i>Kadaṃba</i>	<i>Anthocephalus chinensis</i>	<i>Rubiaceae</i>
<i>Kaitho</i>	<i>Limonia acidissima</i>	<i>Rutaceae</i>
<i>Kamalāguṅḍi</i>	<i>Mallotus philippinensis</i>	<i>Euphorbiaceae</i>
<i>Kaṅso</i>	<i>Hymenodictyon excelsum</i>	<i>Rubiaceae</i>
<i>Khakadā</i>	<i>Casearia elliptica</i>	<i>Samydaceae</i>
<i>Karaḍa</i>	<i>Homalium nepalense</i>	<i>Samydaceae</i>
<i>Karaḍa</i> ( <i>karlā</i> )	<i>Cleistanthus collinus</i>	<i>Euphorbiaceae</i>
<i>Karañja</i>	<i>Derris indica</i>	<i>Papilionaceae</i>
<i>Karadha</i> ( <i>khurundu</i> )	<i>Gardenia turgida</i>	<i>Rubiaceae</i>
<i>Karakeṅḍu</i>	<i>Diospyros malabarica</i>	<i>Ebenaceae</i>
<i>Kāsi</i>	<i>Bridelia squamosa</i>	<i>Euphorbiaceae</i>
<i>Kauchinā</i> ( <i>kalichā</i> )	<i>Diospyros sylvatica</i>	<i>Ebenaceae</i>
<i>Keṅḍu</i>	<i>Diospyros melanoxylon</i>	<i>Ebenaceae</i>
<i>Khair</i>	<i>Acacia catechu</i>	<i>Mimosaceae</i>

<i>Khakada</i>	<i>Suregadh multiflora</i>	<i>Euphorbiaceae</i>
<i>Khakada</i>	<i>Casearia elliptica</i>	<i>Samydaceae</i>
<i>Kodāla</i>	<i>Sterculia villosa</i>	<i>Sterculiaceae</i>
<i>Kongrā</i>	<i>Xylocarpus xylocarpa</i>	<i>Mimosaceae</i>
<i>Kotokol (katak)</i>	<i>Strychnos potatorum</i>	<i>Loganiaceae</i>
<i>Kuājari</i>	<i>Ficus virens</i>	<i>Moraceae</i>
<i>Kuchilā</i>	<i>Strychnos nuxvomica</i>	<i>Loganiaceae</i>
<i>Kumbhi</i>	<i>Careya arborea</i>	<i>Myrtaceae</i>
<i>Kurei</i>	<i>Holarrhena antidysenterica</i>	<i>Apocynaceae</i>
<i>Kurum</i>	<i>Haldina cordifolia</i>	<i>Rubiaceae</i>
<i>Kusum</i>	<i>Schleichera oleosa</i>	<i>Spindaceae</i>
<i>Lodhā</i>	<i>symplocos racemosa</i>	<i>Styraceae</i>
<i>Mal (moi)</i>	<i>Lannea coromandelica</i>	<i>Anacardiaceae</i>
<i>Mahālimba</i>	<i>Ailanthus excelsa</i>	<i>Simarubaceae</i>
<i>Makharkenḍu</i>	<i>Diospyros malabarica</i>	<i>Ebenaceae</i>
<i>Mamuri</i>	<i>Antidesma acidum</i>	<i>Euphorbiaceae</i>
<i>Māraṅga</i>	<i>Albizia procera</i>	<i>Mimosaceae</i>
<i>Mohuā</i>	<i>Madhuca indica</i>	<i>Sapotaceae</i>
<i>Mirigachāra</i>	<i>Grewia elastica</i>	<i>Tiliaceae</i>
<i>Muṇḍi (mitkania)</i>	<i>Mitragyna parvifolia</i>	<i>Rubiaceae</i>
<i>Neem</i>	<i>Azadirachta indica</i>	<i>Meliaceae</i>
<i>Nimburumoi</i>	<i>Bursera serrata</i>	<i>Burseraceae</i>
<i>Palāsa</i>	<i>Butea monosperma</i>	<i>Papilionaceae</i>
<i>Pāladhua</i>	<i>Erythrina variegata</i>	<i>Papilionaceae</i>
<i>Paṇasa</i>	<i>Artocarpus heterophyllus</i>	<i>Moraceae</i>
<i>Pāṇigambhāri</i>	<i>Trewia nudiflora</i>	<i>Euphorbiaceae</i>
<i>Pāṇikodāla</i>	<i>Firmiana colorata</i>	<i>Sterculiaceae</i>

<i>Pāṇikusuma</i> ( <i>pitākusum</i> )	<i>Aphanamixis polystachya</i>	<i>Meliaceae</i>
<i>Pāṇipātuli</i>	<i>Lagerstroemia speciosa</i>	<i>Lythraceae</i>
<i>Pitmossu</i>	<i>Polyalthia cerasoides</i>	<i>Anonaceae</i>
<i>Patmossu</i>	<i>Milium tomentosum</i>	<i>Anonaceae</i>
<i>Pātuli</i>	<i>Stereospermum chelonoides</i>	<i>Bignoniaceae</i>
<i>Phāsi</i>	<i>Anogeissus acuminata</i>	<i>Combretaceae</i>
<i>Pitākarichio</i>	<i>Wrightia arborea</i>	<i>Apocynaceae</i>
<i>Pitāmoi</i>	<i>Garuga pinnata</i>	<i>Burseraceae</i>
<i>Piāsāl</i>	<i>Pterocarpus marsupium</i>	<i>Papilionaceae</i>
<i>Bandiā</i>	<i>Drypetes roxburghii</i>	<i>Euphorbiaceae</i>
<i>Jāmu</i>	<i>Syzygium paniculatum</i>	<i>Myrtaceae</i>
<i>Rhāi</i>	<i>Ficus semicordata</i>	<i>Moraceae</i>
<i>Rājmoḥi</i>	<i>Lannea coromandelica</i>	<i>Anacardiaceae</i>
<i>Rohini</i>	<i>Soymida febrifuga</i>	<i>Meliaceae</i>
<i>Sāchuā</i>	<i>Alstonia scholaris</i>	<i>Apocynaceae</i>
<i>Śāguan</i>	<i>Tectona grandis</i>	<i>Verbenaceae</i>
<i>Sāhārā</i>	<i>Streblus asper</i>	<i>Moraceae</i>
<i>Sāl</i>	<i>Shorea robusta</i>	<i>Dipterocarpaceae</i>
<i>Salāi</i>	<i>Boswellia serrata</i>	<i>Burseraceae</i>
<i>Salapa</i>	<i>Caryota urena</i>	<i>Palmae</i>
<i>Salarā</i>	<i>Catunaregam nutans</i>	<i>Rubiaceae</i>
<i>Sajnā</i>	<i>Moringa oleifera</i>	<i>Moringaceae</i>
<i>Sidha</i>	<i>Lagerstroemia parviflora</i>	<i>Lythraceae</i>
<i>Sijhu</i>	<i>Euphorbia royleana</i>	<i>Euphorbiaceae</i>
<i>Silveroak</i>	<i>Grevillea robusta</i>	<i>Proteaceae</i>
<i>Simili</i>	<i>Bombax ceiba</i>	<i>Malvaceae</i>

Śiris	<i>Albizia lebbek</i>	<i>Mimosaceae</i>
Śissu	<i>Dalbergia latifolia</i>	<i>Papilionaceae</i>
Śissu	<i>Dalbergia sissoo</i>	<i>Papilionaceae</i>
Sunāri	<i>Cassia fistula</i>	<i>Caesalpiniaceae</i>
Tangar chāmpa (patharchāmpā)	<i>Ochnaobtusata</i>	<i>ochnaceae</i>
Tāmbāl	<i>Ficus hispida</i>	<i>Moraceae</i>
Teak	<i>Tectona grandis</i>	<i>Verbenaceae</i>
Talkurumā	<i>Ixora arborea</i>	<i>Rubiaceae</i>
Tentrā	<i>Albizzia procera</i>	<i>Mimosaceae</i>
Teñtuli	<i>Tamarindus indica</i>	<i>Caosalpiniaceae</i>
Tilei	<i>Wendlandia heynei</i>	<i>Rubiaceae</i>
Bamboos		
Bolongi bāunsa	<i>Cephalostachyum pergracile</i>	<i>Gramineae (Monocot)</i>
Baḍa bāunsa (kantā bāunsa)	<i>Bambusa arundinacea</i>	<i>Gramineae</i>
Sāliā	<i>Dendrocalamus strictus</i>	<i>Gramineae</i>
<b>Shrubs</b>		
Agnijhāl	<i>Vernonia apsara</i>	<i>Compositae</i>
Ānkula	<i>Alangium Salvifolium</i>	<i>Cornaceae</i>
Ānkhukoli	<i>Carissa spinarum</i>	<i>Apocynaceae</i>
Arakha	<i>Calotropis gigantea</i>	<i>Asclepiadaceae</i>
Arjuna	<i>Cycas circinalis</i>	<i>Cycadaceae</i>
Atā	<i>Annona squamosa</i>	<i>Annonaceae</i>
Baḍichang	<i>symphorema polyandrum</i>	<i>Verbenaceae</i>
Baincha	<i>Flacourtia indica</i>	<i>Bixaceae</i>
Banachiretiā	<i>Leea asiatica</i>	<i>Amaryllidaceae</i>

<i>Bankhajuri</i>	<i>Phoenix acaulis</i>	<i>Palmae</i>
<i>Bañachandā</i>	<i>Fioria vitifolia</i>	<i>Malvaceae</i>
<i>Banamali</i>	<i>Jasminum sambac</i> or <i>Jasminum arborescens</i>	<i>Oleaceae</i>
<i>Bāsaᅅga</i>	<i>Justicia adhatoda</i>	<i>Acanthaceae</i>
<i>Beguniā</i>	<i>Vitex negundo</i>	<i>Verbenaceae</i>
<i>Dalsiᅅghā</i>	<i>Canthium dicoccum</i>	<i>Rubiaceae</i>
<i>Dhakti</i> or <i>jhātni</i>	<i>Woodfordia fruticose</i>	<i>Myrtaceae</i>
<i>Gaᅅgai</i>	<i>Melastoma malabathicum</i>	<i>Melastomataceae</i>
<i>Gaᅅgasiuli</i>	<i>Nyctanthes arbor-tristis</i>	<i>Oleaceae</i>
<i>Gilira</i>	<i>Indigofera cassioides</i>	<i>Papilionaceae</i>
<i>Gurudu</i>	<i>Gardenia gummifera</i>	<i>Rubiaceae</i>
<i>Guākuli</i>	<i>Diospyros ferrea</i>	<i>Ebenaceae</i>
<i>Jari</i>	<i>Schefflera venulosa</i>	<i>Araliaceae</i>
<i>Jhāᅅmpuri</i>	<i>Streblus taxoides</i>	<i>Moraceae</i>
<i>Jājaka</i>	<i>Tarenna asiatica</i>	<i>Rubiaceae</i>
<i>Kākusiā</i>	<i>Strobilanthes scaber</i>	<i>Acanthaceae</i>
<i>Kāmini</i>	<i>Murraya paniculate</i>	<i>Ebenaceae</i>
<i>Kaskasi</i>	<i>Ficus parasitica</i>	<i>Moraceae</i>
<i>Kaᅅtāsidhu</i>	<i>Euphorbia nivulia</i>	<i>Euphorbiaceae</i>
<i>Khairkoli</i>	<i>Manilkara hexandra</i>	<i>Sapotaceae</i>
<i>Kirkichikaᅅtā</i>	<i>Mimosa rubicaulis</i> or <i>Himalayan</i>	<i>Mimosaceae</i>
<i>Korei</i>	<i>Holarrhena antidysenterica</i>	<i>Apocynaceae</i>
<i>Kukurchatiā</i>	<i>Pavetta crassicaulis</i>	<i>Rubiaceae</i>
<i>Kumti</i> ( <i>telguniā</i> )	<i>Clerodendrum viscosum</i>	<i>Verbenaceae</i>
<i>Khojuri</i> ( <i>wild</i> )	<i>Phoenix acaulis</i>	<i>Palmae</i>
<i>Lajwaᅅnti</i> ( <i>lājkulilatā</i> )	<i>Mimosa pudica</i>	<i>Mimosaceae</i>

<i>Muraphel murimuri</i>	<i>Helicteres isora</i>	<i>Sterculiaceae</i>
<i>Madaṅga (epiphyte)</i>	<i>Loranthus longiflorus</i>	<i>Loranthaceae</i>
<i>Nalbali</i>	<i>Cipadessa baccifera</i>	<i>Meliaceae</i>
<i>Narasingh khra</i>	<i>Ardisia solanacea</i>	<i>Myrsinaceae</i>
<i>Narguṇi</i>	<i>Atalantia monophyla</i>	<i>Rutaceae</i>
<i>Pātālgauḍa</i>	<i>Rauwolfia serpentine</i>	<i>Apocynaceae</i>
<i>Phanphanā (phaundi)</i>	<i>Oroxylum indicum</i>	<i>Bignoniaceae</i>
<i>Phiriko</i>	<i>Catunaregam malabarica</i>	<i>Rubiaceae</i>
<i>Pokusuṅgāpotuā</i>	<i>Pogostemon benghalense</i>	<i>Labiatae</i>
<i>Potuā</i>	<i>Catunaregam nutans</i>	<i>Rubiaceae</i>
<i>Rānidāntakāthi</i>	<i>Flemingia chapper,</i> <i>Flemingia strobilifera,</i> <i>Flemingia macrophylla,</i> <i>Flemingia paniculate</i>	<i>Papilionaceae</i>
<i>Sonāragodā</i>	<i>Grewia helicterifolia</i>	<i>Tiliaceae</i>
	<i>Sida rhombifolia</i>	<i>Malvaceae</i>
<i>Sijhu</i>	<i>Euphorbia royleana</i>	<i>Euphorbiaceae</i>
<i>Tolko</i>	<i>Catunaregam uliginosa</i>	<i>Rubiaceae</i>
<i>Tulsi</i>	<i>Ocimum americanum &amp;</i> <i>Ocimum sanctum</i>	<i>Labiatae</i>
<i>Urgunā</i>	<i>Cycas circinalis</i>	<i>Cycadaceae</i>
-	<i>Blepharis maderaspatensis</i>	<i>Acanthaceae</i>
-	<i>Eranthemum purpurascens</i>	<i>Acanthaceae</i>
-	<i>Premna hamiltonii</i>	<i>Verbenaceae</i>
-	<i>Pramna calycina</i>	<i>Verbenaceae</i>
<b>Climbers &amp; Canes</b>		
<i>Akanbindu</i>	<i>Cissampelos pareira</i>	<i>Menispermaceae</i>
<i>Anantamula</i>	<i>Hemidesmus indicus</i>	<i>Asclepidaceae</i>



<i>Arkala</i>	<i>Millettia extensa</i>	<i>Papilionaceae</i>
<i>Asāḍhuā</i>	<i>Capparis zeylanica</i>	<i>Capparidaceae</i>
<i>Atundi</i>	<i>Combretum roxburghii</i>	<i>Combretaceae</i>
<i>Khaj-kuiri or kiwack</i>	<i>Mucuna pruriens</i>	<i>Papilionaceae</i>
<i>Baṇa alu</i>	<i>Dioscorea species</i>	<i>Discoraceae</i>
<i>Baṇakolthi</i>	<i>Atylosia scarabaeoides</i>	<i>Papilionaceae</i>
<i>Baṇakunduri</i>	<i>Trichosanthes cucumerina</i>	<i>Cucurbitaceae</i>
<i>Baghchaar</i>	<i>Argyreia setosa</i>	<i>Convolvulaceae</i>
<i>Beṇta</i>	<i>Calamus guruba</i>	<i>Palmaceae</i>
<i>Bhaṇḍāliā</i>	<i>Opilia amentacea</i>	<i>Olacaceae</i>
<i>Bichhuāti</i>	<i>Tragia plukenetii</i>	<i>Euphorbiaceae</i>
<i>Budli</i>	<i>Butea superba</i>	<i>Papilionaceae</i>
<i>Chinkni</i>	<i>Glochidion lanceolarium</i>	<i>Euphorbiaceae</i>
<i>Dantāri</i>	<i>Acacia sinuata &amp; Acacia torta</i>	<i>Mimosaceae</i>
<i>Ghaya</i>	<i>Marsdenia tenacissima</i>	<i>Asclepidaceae</i>
<i>Gilā</i>	<i>Entada phaseoloides</i>	<i>Mimosaceae</i>
<i>Gopkan</i>	<i>Cryptolepis buchmanii</i>	<i>Asclepidaceae</i>
<i>Gulmāri</i>	<i>Gymnema sylvestre</i>	<i>Asclepidaceae</i>
<i>Hāṇḍiphutā</i>	<i>Pueraria tuberosa</i>	<i>Papilionaceae</i>
<i>Kaṇtā ālu</i>	<i>Dioscorea belophylla</i>	<i>Discoraceae</i>
<i>Kaṇtā bet</i>	<i>Calamus guruba</i>	<i>Palmaceae</i>
<i>Khamba ālu</i>	<i>Dioscorea belophylla</i>	<i>Discoraceae</i>
<i>Khukuṇḍiā</i> ( <i>kurukuṇḍiā</i> )	<i>Calycopteris floribunda</i>	<i>Combretaceae</i>
<i>Karbā ālu</i>	<i>Dioscorea pentaphylla</i>	<i>Discoraceae</i>
<i>Koroṇḍiā ālu</i>	<i>Dioscorea belophylla</i>	<i>Discoraceae</i>
<i>Kosa ālu</i>	<i>Dioscorea anguina</i>	<i>Discoraceae</i>

<i>Kaṅtāikoli</i>	<i>Ziziphus oenoplia</i>	<i>Rhamnaceae</i>
<i>Latānageshwar</i>	<i>Hiptage benghalensis</i>	<i>Malpighiaceae</i>
<i>Mahāratā</i>	<i>Canavalia gladiata</i>	<i>Papilionaceae</i>
<i>Mālti</i>	<i>Aganosma caryophyllata</i>	<i>Apocynaceae</i>
<i>Maradā</i>	<i>Millettia extensa</i>	<i>Papilionaceae</i>
<i>Makiriā</i>	<i>Trichosanthes tricuspidata</i>	<i>Cucurbitaceae</i>
<i>Matkā</i>	<i>Solenia amplexicaulis</i>	<i>Cucurbitaceae</i>
<i>Mrigaleṇḍi</i>	<i>Gnetum scandens</i>	<i>Gnetaceae</i>
<i>Mutri</i>	<i>Smilax ovalifolia</i>	<i>Liliaceae</i>
<i>Mutri</i>	<i>Smilax zeylanica</i>	<i>Liliaceae</i>
<i>Nato</i>	<i>Entada pursaetha</i>	<i>Mimosaceae</i>
<i>Noipalās (Lata palās)</i>	<i>Butea parviflora &amp; Butea Superba</i>	<i>papilionaceae</i>
<i>Piṅgo, peṅgu</i>	<i>Celastrus paniculatus</i>	<i>Celastraceae</i>
<i>Pāṇi ālu</i>	<i>Dioscorea Oppositifolia</i>	<i>Dioscoraceae</i>
<i>Pāṇi bet</i>	<i>Calamus viminalis</i>	<i>Palmaceae</i>
<i>Pankanch</i>	<i>Vitis spp.</i>	<i>Ampelidaceae</i>
<i>Pitā ālu</i>	<i>Dioscorea bulbifera</i>	<i>Dioscoraceae</i>
<i>Pichhuli noi, rektā</i>	<i>Gouania tiliaefolia</i>	<i>Rhamnaceae</i>
<i>Palāsinoi</i>	<i>Butea superba</i>	<i>Papilionaceae</i>
<i>Prasārini</i>	<i>Paederia scandens</i>	<i>Rubiaceae</i>
<i>Satābari</i>	<i>Asparagus racemosus</i>	<i>Liliaceae</i>
<i>Siāli</i>	<i>Bauhinia vahlii</i>	<i>Caesalpiniaceae</i>
<i>Bāghamāri</i>	<i>Bauhinia Roxburghiana</i>	<i>Caesalpiniaceae</i>
<i>Suām noi</i>	<i>Ichnocarpus frutescens</i>	<i>Apocynaceae</i>
<i>Tuṅga ālu</i>	<i>Dioscorea wallichii</i>	<i>Dioscoraceae</i>
	<i>Dioscorea hispida</i>	<i>Dioscoraceae</i>
	<i>Pergularia extensa</i>	<i>Asclepiadaceae</i>

<b>Grasses</b>		
<b>Vernacular Name</b>	<b>Botanical Name</b>	<b>Family</b>
<b>Perennial:</b>		
	<i>Aristida setacea</i>	<i>Poaceae</i>
	<i>Arundinella khasiana</i>	<i>Poaceae</i>
	<i>Arundinella Setosa</i>	<i>Poaceae</i>
	<i>Bothriochloa pertusa</i>	<i>Poaceae</i>
	<i>Blandi</i>	<i>Asteraceae</i>
	<i>Chrysopogon gryllus</i>	<i>Poaceae</i>
	<i>Montana</i>	<i>Poaceae</i>
<i>Dhanwañtary</i>	<i>Cymbopogon martinii</i>	<i>Poaceae</i>
<i>Duba</i>	<i>Cynodon dactylon</i>	<i>Poaceae</i>
	<i>Dichanthium annulatum</i>	<i>Poaceae</i>
	<i>Dichanthium Carricosum</i>	
	<i>Eragrostis coarctata</i>	<i>Poaceae</i>
<i>Panasi / sabāi</i>	<i>Eulaliopsis binate</i>	<i>Poaceae</i>
<i>Sinkula guguchhia</i> ( <i>Spear Grass</i> )	<i>Heteropogon contortus</i>	<i>Poaceae</i>
	<i>Iseilema prostratum</i>	<i>Poaceae</i>
	<i>Imperata-cylindrica</i>	<i>Poaceae</i>
	<i>Ischaemum rugosum</i>	<i>Poaceae</i>
<i>Chhanā</i>	<i>Imperata arundinacea</i>	<i>Poaceae</i>
	<i>Panicum spp.</i>	<i>Poaceae</i>
	<i>Pseudosorghum fasciculare</i>	<i>Poaceae</i>
	<i>Sporobolus indicus</i>	<i>Poaceae</i>
<i>Teᅇdā</i>	<i>Saccharum spontaneum</i>	<i>Poaceae</i>

	<i>Themeda triandra</i>	<i>Poaceae</i>
<i>Phulachanchuni</i>	<i>Thysanolaena maxima</i>	<i>Poaceae</i>
<b>Annuals</b>		
	<i>Arthraxon sp.</i>	<i>Poaceae</i>
	<i>Arundinella pumila</i>	<i>Poaceae</i>
	<i>Eragrostis unioloides</i>	<i>Poaceae</i>
	<i>Eragrostis Viscosa</i>	<i>Poaceae</i>
	<i>Rottboellia cochinchinensis</i>	<i>Poaceae</i>
	<i>Themeda quadrivalvis</i>	<i>Poaceae</i>
	<i>Dimeria spp.</i>	<i>Poaceae</i>
	<i>Eulalia spp.</i>	<i>Poaceae</i>
	<i>Setaria glauca</i>	<i>Poaceae</i>
<b>Herbs</b>		
	<b>Botanical Name</b>	<b>Family</b>
	<i>Achyranthes Porphyristachya</i>	<i>Amaranthaceae</i>
	<i>Ageratum conyzoides</i>	<i>Asteraceae</i>
	<i>Aeginetia indica</i>	<i>Orobanchaceae</i>
	<i>Allmania nodiflora</i>	<i>Amarnathaceae</i>
	<i>Alysicarpus sp.</i>	<i>Fabaceae</i>
	<i>Ammania spp.</i>	<i>Lythraceae</i>
	<i>Andrographis paniculata</i>	<i>Acanthaceae</i>
	<i>Anisomeles indica</i>	<i>Lamiaceae</i>
	<i>Andrographis paniculate</i>	<i>Acanthaceae</i>
	<i>Argemone Mexicana</i>	<i>Papaveraceae</i>
	<i>Aristolochia indica</i>	<i>Aristolochiaceae</i>

	<i>Cassia obtusifolia</i>	<i>Fabaceae</i>
	<i>Canscora decussata</i>	<i>Gintianaceae</i>
	<i>Celosia argentea</i>	<i>Amaranthaceae</i>
	<i>Chlorophytum arundinaceum</i>	<i>Asparagaceae</i>
	<i>Commelina benghalensis</i>	<i>Commelinaceae</i>
	<i>Costus speciosus</i>	<i>Costaceae</i>
	<i>Crotalaria punctate</i>	<i>Leguminosae</i>
	<i>Crotalaria Pallida</i>	<i>Fabaceae</i>
	<i>Curcuma sulcate</i>	<i>Zingiberaceae</i>
	<i>Desmodium spp.</i>	<i>Fabaceae</i>
	<i>Elephantopus scaber</i>	<i>Asteraceae</i>
	<i>Centella asiatica</i>	<i>Apiaceae</i>
	<i>Hyptis suaveolens</i>	<i>Lamiaceae</i>
	<i>Indigofera trita</i>	<i>Fabaceae</i>
	<i>Merremia umbellate</i>	<i>Convolvulaceae</i>
	<i>Kalanchoe pinnata</i>	<i>Crassulaceae</i>
	<i>lepidagathis spp.</i>	<i>Acanthaceae</i>
	<i>Lauria zeylanica</i>	
	<i>Lucas montana</i>	<i>Laaucas montana</i>
	<i>Mimosa pudica</i>	<i>Fabaceae</i>
	<i>Musa balbisiana</i>	<i>Musaceae</i>
	<i>Ocimum spp</i>	<i>Lamiaceae</i>
	<i>Peucedanum nagpurenre</i>	<i>Acantheceae</i>
<i>Pipali</i>	<i>Piper longum</i>	<i>Piperaceae</i>
	<i>Osbeckia sp.</i>	<i>Melastomataceae</i>
	<i>Ruellia sp.</i>	<i>Acanthaceae</i>
<i>Kaṅtākari</i>	<i>Solanum surattense</i>	<i>Solanaceae</i>

	<i>stachytarpheta jamaicensis</i>	Verbenaceae
	<i>sansevieria roxburghiana</i>	Asparagaceae
	<i>Triumfetta rhomboidea</i>	Malvaceae
<i>Vishalya karaṇi</i>	<i>Tridax procumbens</i>	Asteraceae
<i>Baṇa pyāja</i>	<i>Drimia indica</i>	Asparagaceae
	<i>Pentanema indicum</i>	Asteraceae
	<i>Volitarella divaricate</i>	Apocynaceae
<i>Baṇa adā</i>	<i>Zingiber purpureum</i>	Zingiberaceae
<b>Ferns</b>		
	<i>Adiantum lunulatum</i>	Pteridaceae
	<i>Adiantum Caudatum</i>	Pteridaceae
	<i>Cheilanthes farinose</i>	Pteridaceae
	<i>Drynaria quercifolia</i>	Polypodiaceae
	<i>Lastrea cochleate</i>	Dryopteridaceae
	<i>Nephrodium mole</i>	Dryopteridaceae
	<i>Nephrodium Truncatum</i>	Dryopteridaceae
	<i>Selaginella proniflora</i>	Selaginellaceae
<b>Orchids</b>		
	<i>Dendrobium herbaceum</i>	Orchidaceae
	<i>Eulophia nuda</i>	Orchidaceae
	<i>Habenaria plantaginea</i>	Orchidaceae
	<i>Pecteilis trifloral</i>	Orchidaceae
	<i>Malaxis densiflora</i>	Orchidaceae
	<i>Saccolabium spp</i>	Orchidaceae
	<i>Vanda tessellate</i>	Orchidaceae
	<i>Vanda Testacea</i>	Orchidaceae
<b>Animals</b>		

<b>Local name</b>	<b>English name</b>	<b>Latin name</b>
<i>Bāduḍi</i>	Short nosed fruit bat	<i>Cynopterus Sphinx</i>
<i>Bāduḍi</i>	Flying fox bat	<i>Pteropus giganteus</i>
<i>Bagha</i>	Tiger	<i>Panthera tigris</i>
<i>Bajrakāptā</i>	Pangolin	<i>Manis crassicaudata</i>
<i>Baliā kukura</i>	Wild dog	<i>Cuon alpinus</i>
<i>Bañabirāḍi (Katāsh)</i>	Jungle cat	<i>Felis Chaus affinis</i>
<i>Bārḥā</i>	Wild boar	<i>Sus scrofa</i>
<i>Beleramusā (Napali)</i>	Malayan giant squirrel	<i>Ratufa bicolor</i>
<i>Bhāllu</i>	Sloth bear	<i>Melursus ursinus</i>
<i>Biluā</i>	Jackal	<i>Canis aureus</i>
<i>Chausiṅghā</i>	Four horned antelope	<i>Tetracerus quadricornis</i>
<i>Cheetah birāḍi</i>	Leopard cat	<i>Felis bengalensis</i>
<i>Chemgha</i>	Bearded sheath tailed bat	<i>Taphozous melanopogon</i>
<i>Chhuchhuṅdrā</i>	Grey musk shrew	<i>Suncus murinus</i>
<i>Gayal</i>	Bison	<i>Bos gaurus</i>
<i>Gada bhāllu</i>	Ratel	<i>Mellivora capensis</i>
<i>Guṅduchi musā</i>	3 stripped palm squirrels	<i>Funambulus palmarum</i>
<i>Guṅduchi musā</i>	5 stripped palm squirrels	<i>Funambulus pennanti</i>
<i>Gurāṅdi</i>	Mouse deer (Indian chevrotain)	<i>Tragulus meminna</i>
<i>Harina</i>	Spotted deer(cheeal)	<i>Axis axis</i>
<i>Hāti</i>	Indian elephant	<i>elephas maximus</i>
<i>Hetā bāgh</i>	Hyaena	<i>Hyaena hyaena</i>
<i>Jhiṅka</i>	Porcupine	<i>Hystrex indica</i>
<i>Kalarāpatriā bāgh</i>	Leopard cat	<i>Panthera pardus</i>
<i>Kalā bāgh</i>	Black panther	<i>panthera</i>
<i>Kokisiāli</i>	Fox	<i>Vulpes bengalensis</i>

<i>Kuturā</i>	Barking deer	<i>murtiacus muntijak</i>
<i>Māṅkaḍa (hanu)</i>	Monkey	<i>presbytis entellus</i>
<i>Māṅkaḍa (pati)</i>	Rhesus monkey	<i>Macca mulatta</i>
<i>Musā</i>	Rat	<i>rattus rattus</i>
	White tailed wood rat	<i>Rattus blanfordi</i>
	Indian garbills	<i>tatera indica</i>
	Long tailed tree mouse	<i>Vandeleuria oleracca</i>
<i>Musā (nepali)</i>	Giant Indian squirrel	<i>Rattus indica</i>
<i>Neula (Hatia)</i>	Common mongoose	<i>Herpestes edwardsi</i>
<i>Neula (Kuji)</i>	Small Indian mongoose	<i>Herpestes auropunctus</i>
<i>Nilagāi</i>	Blue bull	<i>Boselaphus tragocamelus</i>
<i>Odha</i>	Smooth India otter	<i>Lutra perspicillata</i>
<i>Rāmsiāli</i>	Wolf	<i>Canis lupus</i>
<i>Sāliāpatni</i>	Toddycat	<i>Paradoxurus hermaphroditus</i>
<i>Sāliāpatni</i>	Small Indian civet	<i>Viverricula indica</i>
<i>Sambar</i>	Sambar	<i>cervus unicolor</i>
<i>Thekuā</i>	Hare	<i>Lepus nigricollis ruficaudatus</i>
<b>Reptiles and Amphibians</b>		
<i>Ahirāja</i>	King cobra	<i>Ophiophagus hannah</i>
<i>Ajagarh</i>	Indian python	<i>Python molurus</i>
<i>Bāmhuni</i>	Poisonless snake	<i>Nabix stolata</i>
<i>Boḍā</i>	Common boa	<i>Boa constricta</i>
<i>Māti boḍa</i>	Russels earth boa	<i>Eryx conicus</i>
<i>Chiti</i>	Indian krait	<i>Bungarus caeruleus</i>
<i>Dhāmanā</i>	Rat snake	<i>Ptyas musosus</i>
<i>Dhaṇḍaboḍā</i>	Russels viper	<i>Viper russelli</i>



<i>Dhaṇḍa</i>	Checked keelback or Asiatic water snake	<i>Xenochrophis piscator</i>
<i>Boḍā</i>	Saw-scaled viper	<i>Echis carinatus</i>
<i>Domundiā</i>	John's sand boa	<i>Eryx stolata</i>
<i>Nāga (Gokhar)</i>	Indian cobra	<i>Naja naja naja</i>
<i>Kāṇḍanali</i>	Tree snake	<i>Ahaetulla spp</i>
<i>Loudoṅkiā</i>	Common green whipsnake	<i>Dryophis nasutus</i>
<i>Pāṇi dhaṇḍā</i>	Checkered keel back	<i>natrix piscator</i>
<i>Raṇā</i>	Banded krait	<i>Bungarus fasciatus</i>
<i>Tam̐pa</i>	Monocallota cobra	<i>Naja naja keothia</i>
<i>Teli sāpa</i>	Common blind snake	<i>Typhlops braminus</i>
<i>Gacha bodā</i>	Bamboo pit viper	<i>Trimeresurus gramineus</i>
<i>Dhaṇḍa</i>	Green keel back	<i>Macropisthodon plumbicolor</i>
	Copper head	<i>Elpha radiata</i>
<b>Lizards</b>		
<i>Bakalā jhitipiti</i>	Leschenault's leaf-toed gecko	<i>Hemidactylus Leschenaultii</i>
<i>Bahurupi</i>	Indian chameleon	<i>Chameleon zeylanicus</i>
<i>Bahurupi kuāsāp</i>	Garden gecko	<i>Calotes versicolor</i>
<i>Chāmpainoli</i>	Skink	<i>Mabuya bibro</i>
<i>Enduā</i>	Rock gecko	<i>Hemidactylus maculatus</i>
<i>Jhitpiti</i>	Fat tailed gecko	<i>Hemitheconyx caudicinctus</i>
<i>Jhitpiti</i>	Banded gecko	<i>Coleonyx variegatus</i>
<i>Godhi</i>	Land monitor	<i>Varnus bengalensis</i>
<i>Jhitipiti</i>	House lizard	<i>Hemidactylus flaviviridis</i>
<i>Pāṇi godhi</i>	Water monitor	<i>Varanus salvator</i>
<i>Anduo</i>	Penn. Rock agma	<i>Psammophilus dorsalis</i>

<b>Turtles</b>		
<i>Chabeda kaincha</i>	Land tortoise	<i>Trionyx gangeticus</i>
<i>Chitra kaincha</i>	Indian narrow-headed softshell turtle	<i>Chitra indica</i>
<i>Kurma</i>	The Indian tent turtle	<i>Kachuga tentoria</i>
<i>Kaiñcha</i>	Terrapin	<i>Lissemys punctata</i>
<b>Fishes (Fresh Water)</b>		
<b>Vernacular name</b>	<b>English Name</b>	<b>Scientific Name</b>
<i>Bāliā</i>	Wallago catfish	<i>Wallago attu</i>
<i>Bāligaradā</i>	Bar eyed goby	<i>GLossogobius giuris</i>
<i>Bāñsapati</i>	Salmostoma orissaensis Banaresscu	<i>Ailia coha</i>
<i>Bhākura</i>	Catla	<i>Gibelion catla</i>
<i>Cheᅅga</i>	Dwarf Snakehead	<i>Ophiocephalus gachua</i>
<i>Chitāl</i>	Feather back	<i>Notopterus chitala</i>
<i>Dandkiri</i>	Flying barb	<i>Esomus dandrica</i>
<i>Gaᅇiᅇa</i>	Spotted snakehead	<i>Ophiocephalus punctatus</i>
<i>Illīᅇi</i>	Hilsa	<i>Hilsa ilisha</i>
<i>Jalaᅅgā</i>	Pungas	<i>Pangasius pangasius</i>
<i>Jallah</i>	Gora chela	<i>Chela argentea</i>
<i>Kaᅅtiā</i>	Gangetic mystus	<i>Myotis cavasius</i>
<i>Kerāᅅdi</i>	Glass-barb	<i>Barbus ambassis</i>
<i>Kou</i>	Climbing perch	<i>Anabas testudineus</i>
<i>Magura</i>	Walking catfish	<i>Clarias batrachus</i>
<i>Kirākali</i>	Mrigal carp	<i>Cirrhina Mrigala</i>
<i>Mahurāli</i>	Mola carplet	<i>Amblypharyngodon mola</i>

<i>Neuli</i>	Glass goby	<i>Gobiopterus Chuno</i>
<i>Pohale(Chunā)</i>	Reba carp	<i>Cirrbina reba</i>
<i>Pohāli (denga)</i>	Bata labeo	<i>Labeo bata</i>
<i>Pabatā</i>	Indian butter-catfish	<i>callichrous bimaculatus</i>
<i>Phali</i>	Humped featherback	<i>Notopterus bimaculatus</i>
<i>Rohi</i>	Knife fish	<i>Notopterus notopterus</i>
<i>Serana</i>	Roho labeo	<i>labeorohita</i>
<i>Seula</i>	Olive barb	<i>Barbus sarana</i>
<i>Śingi</i>	Striped snakehead	<i>Ophiocephalus striatus</i>
<i>Kaṅtiā</i>	Stinging catfish	<i>Heterophneustes fossilis</i>
<i>Toḍi</i>	Spiny eel	<i>Mastacembelus armatus</i>
<b>Birds</b>		
<b>Vernacular name</b>	<b>English name</b>	<b>Scientific Name</b>
<i>Kundā</i>	Babbler common	<i>Turdoides caudatus</i>
<i>Gobarā</i>	Babbler jungle	<i>Turdoides striatus</i>
	Babbler rufous	<i>Turdoides subrufus</i>
	Babbler rufous bellied	<i>Dumetia hyperythra</i>
	Yellow breasted	<i>Macronous gularis</i>
	Barbat crimson breasted of coppersmith	<i>Megalaima haemacephala</i>
	Barbet large green	<i>Megalaima haemacephala</i>
<i>Bāyā</i>	Baya weaver bird	<i>Ploceus philippinus</i>
	Bee-eater blue tailed	<i>Merops philippinus (Linnaeus)</i>
	Bee-eater small green	<i>Merops orientalis (Latham)</i>
<i>Bulbul or Gobaā chadhei</i>	Bulbul red vented	<i>Pycnonotus cafer</i>

<i>Pāhādi bulbul</i>	Bulbul red whiskered chloropsis gold mentled	<i>Pycnonotus jocosus</i>
	Golden Fronted Leaf Bird or Green bulbul	<i>Chloropsis aurifrons</i>
	Chloropsis Gold mantled	<i>Chloropsis cochinchinensis</i>
<i>Pāṇikuā</i>	Cormorant little	<i>Phalacrocorax Niger</i>
<i>Dāhuka or Kumbhātuā</i>	Coucal or crow pheasant	<i>Centropus sinensis</i>
<i>Kāu</i>	House crow	<i>Corvus splendens</i>
<i>Dāmarā kāu</i>	Jungle crow	<i>Corvus macrorhynchos</i>
<i>Koili</i>	Cuckoo common hawk or brainfever bird	<i>Cuculus varius</i>
<i>Koili</i>	Cuckoo Indian	<i>Cuculus micropterus</i>
<i>Chātak</i>	Cuckoo pied crested	<i>Clamator jacobinus</i>
<i>Harāḍa</i>	Dove emraldor bronze wingled	<i>Chalcophaps indica</i>
<i>Kapota</i>	Dove king	<i>Streptopelia decaocto</i>
<i>Kapota</i>	Dove spotted	<i>Streptopelia chinensis</i>
<i>Kajalapāti</i>	Drongo black or king crow	<i>Dicrurus adsimilis</i>
<i>Bhrūṅgarāja</i>	Drongo racket tailed	<i>Dicrurus paradiseus</i>
<i>Chakuā chakoi</i>	Ruddy shelduck	<i>Tadorna ferruginea</i>
<i>Hansa</i>	Duke grey of spotbill	<i>Anas poecilorhyncha</i>
<i>Chanchān</i>	Eagle crested hawk	<i>Spizaetus cirrhatus</i>
<i>Chila</i>	Eagle crested serpent	<i>Spilornis cheela</i>
	Eagle grey headed fishing	<i>Ichthyophaga ichthyactus</i>
	Eagle tawny	<i>Aquila rapax</i>
	Eagle lesser spotted	<i>Aquila pomarina</i>
<i>Baga</i>	Egret cattle	<i>Babulcus ibis</i>
<i>Baga</i>	Egret little	<i>Egretta garzetta</i>

	Falcon Shahin	<i>Falco peregrinus paregrinator ( Sundevall )</i>
	Flowerpecker thickbilled	<i>Dicaeum agile</i>
	Flowerpecker tickell's	<i>Dicaeum erythrorhynchos</i>
	Flycatcher blacknaped blue	<i>Dicaeum agile</i>
	Flycatcher blue throated	<i>Dicaeum erythrorhync</i>
	Flycatcher paradise	<i>Monarch azurea</i>
	Flycatcher red breasted	<i>Culicicapa ceylonensis</i>
	Flycatcher tickell's blue	<i>Muscicapa rubaculoides</i>
	Flycatcher verditor	<i>Terpsiphone paradisi</i>
<i>Bataka</i>	Goose bareheaded	<i>Muscicapa Parva (Bechstein)</i>
<i>Hansarāli</i>	Grebe little or debachick	<i>Muscicapa tickelliae</i>
	Gull black headed	<i>Muscicapa thalassinul (Swainson)</i>
	Gull great black headed	<i>Anser indicus</i>
	Harrier marsh	<i>Podiceps ruficollis</i>
	Harrier pale	<i>Larus ridibundus</i>
<i>Kaṅtiābaga</i>	Heron pond or paddy bird	<i>Larus ichthyastus</i>
	Nightjar Indian	<i>Circus aeruginosus</i>
	Hoopoe	<i>Circus macrourus</i>
<i>Bhāliākhāi</i>	hornbill common grey	<i>Ardeola grayii</i>
	Hornbill large pied	<i>Caprimulgus asiaticus</i>
<i>Kuchilākhāi</i>	Hornbill Malabar pied	<i>Upupaepops (Linnaeus)</i>
	Ibis white	<i>Tockus birostris</i>
	Lora	<i>Anthracoceros malabaricus</i>
<i>Baṅakukuḍā</i>	Jungle foul grey	<i>Anthracoceros coronatus</i>
<i>Baṅakukuḍā</i>	Jungle foul red	<i>Threskiornis aethiopica</i>
	Kestrel	<i>Aegithina tiffa</i>

	Kestrel lesser	<i>Gallus sonneratii</i>
	Kingfisher brown headed or stork bird	<i>Gallus gallus (Linnaeus)</i>
	King fisher blue eared	<i>Falco tinunculus (Lannaeus)</i>
<i>Mācharankā</i>	King fisher pied	<i>Falco naumanni</i>
	King fisher small blue	<i>Pelargopsis capensis</i>
	King fisher white breasted	<i>Alcedo manimtinio</i>
<i>Chilla</i>	Kite common pariak	<i>Ceryle rudis</i>
<i>Sankhachilla</i>	Kite brahmany	<i>Alcedo atthis</i>
	Koel	<i>Halcyon smyrnensis</i>
	Lapuring red whistled	<i>Milvus migrans</i>
	Lapuring yellow whistled	<i>Haliastur indus</i>
	Lapuring spur winged	<i>Eudynamys scolopacea</i>
	Lark bush singing	<i>vanellus indicus</i>
	Malkoha small green billed	<i>vanellus malabaricus</i>
	Minivet scarlet	<i>vanellus spinosus</i>
	Munia spotted	<i>Mirafra cantillans</i>
<i>Sāri</i>	Myna hill	<i>Rhopodytes viridirostris</i>
<i>Bani</i>	Myna Indian	<i>Pericrocotus flemmeus</i>
	Myna jungle	<i>Lonchura punctulata</i>
<i>Ghukalika</i>	Myna pied	<i>Acridotheres ginginianus</i>
	Night jar common Indian	<i>Gracula religiosa (Linnaeus)</i>
	Night jar long tailed	<i>Acridotheres tristis</i>
<i>Haladi basaṅta</i>	Oriole black headed	<i>Acridotheres fuscus</i>
	Osprey	<i>Sturnus contra</i>
	Owl collared scoops	<i>Caprimulgus asiaticus (Latham)</i>
	Owl Indian great horned	<i>C. Indicus</i>

	Owl dusky horned	<i>C. Macrurus</i>
	Owl grass	<i>Oriolus kanthornus</i>
	Owlet scoops	<i>Pandion haliaetus</i>
<i>Pechā</i>	Owlet spotted	<i>Otus bakkamoena</i>
	Parakeet blossom headed	<i>Bubo Bubo</i>
<i>Suā</i>	Parakeet large Indian	<i>Bubo coromandus</i>
<i>Teetiri</i>	Parakeet rose ringed	<i>Tyto capensis</i>
<i>Mayur</i>	Partridge grey	<i>Otus scops</i>
<i>Deuliāpara</i>	Peafowl common	<i>Athena brama</i>
	Pigeon common green	<i>Psittacula cyanocephala</i>
	Pigeon imperial green	<i>Psittacula eupatria</i>
	Pipit Indian	<i>Psittacula krameri</i>
	Pipit tree	<i>Francolinus pondicerianus</i>
	Pitta Indian	<i>Pavocristatus (Linnaeus)</i>
	Plover little ringed	<i>Columba livia (amelin)</i>
<i>Teetri</i>	Quail bush jungle	<i>Treron phoenicoptera</i>
<i>Teetri</i>	Quail bush painted	<i>Ducala aenea</i>
<i>Guṇḍuri</i>	Quail blue legged	<i>Anthus novaseelandiae</i>
	Robbin Indian	<i>Anthus trivialis</i>
<i>Nilakanthā</i>	Robbin magpie	<i>Pitta brachyura</i>
<i>Bhadbhadaliā</i>	Robin red-billed magpie	<i>Charadrius dubius (Scopoli)</i>
	Roller or blue jay	<i>Perdichla asiatica</i>
	Sandpiper common	<i>Perdicula erythrorhyncha</i>
	Shama	<i>Turnix suscitator</i>
	Shikra	<i>Saxicoloides fulicata</i>
	Snipe common or fantail	<i>Copsychus Sularis</i>
<i>Gharchatiā</i>	Sparrow house	<i>Cissa erythrorhyncha</i>
	Sparrow hawk	<i>Coracias benghalensis</i>

	Sparrow yellow throated	<i>Tringa hypoleucos</i> (Linnaeus)
	Springtail white rumped	<i>Copsychus malabaricus</i>
	Spurfowl red	<i>Accipiter badius</i>
	Stilt black winged	<i>Gallinago gallinago</i>
<i>Geṇḍālīā</i>	Stork open-billed	<i>Passer domesticus</i>
	Stork white-necked	<i>Accipitor nisusnisosimilis</i>
	Sunbird purple	<i>Petronia xanthocollis</i>
	Sunbird purple rumped	<i>Chactura sylvatica</i>
	Swallow wire tailed	<i>Galloperdix spadicea</i>
<i>Chātaka</i>	Swaft house	<i>Himantopus himantopus</i>
<i>Phutkai</i>	Tailor bird	<i>Anostomus oscitans</i>
	Teal common	<i>Ciconia episcopus</i>
	Teal cotton	<i>Neotarinia xanthocollis</i>
	Tell lesser whistling	<i>Nectarinia zeylonica</i>
	Teil grey	<i>Hirundo smithii</i> (Leach)
	Tern river	<i>Apus affinis</i>
	Tern common	<i>Orthotonus sutorius</i>
	Thrush white-throated ground	<i>Anas crecca</i> (Linnaeus)
	Treepie	<i>Nettapus coromandelianus</i>
	Trogon southern	<i>Dandrocygna javanica</i>
	Vulture king	<i>Anas gibberifrons</i>
<i>Śāguṇā</i>	Vulture white beckerd Bengal	<i>Sterna aurantia</i>
	Wagall white	<i>Stema hirundo</i>
	Wagtail yellow	<i>Zoothera citrina</i>
	Warbler wren ashay	<i>Dendrocitta vagabunda</i>
	Warbler wren Indian	<i>Herapactes fasciatus</i>



	Warbler wren futous	<i>Sarcogyps calvus</i>
	Warbler wren jungle	<i>Gyps bengalensis</i>
	Woodpecker golden backed	<i>Motacilla maderaspatensis</i> (Gmelin )
	Woodpecker larger	<i>Motacilla alba</i> (Linnaeus)
	Woodpecker heart spotted	<i>Motacilla flava</i> (Linnaems)
<i>Kathākhumpā</i>	Woodpecker pigmy	<i>Prinia socialist</i> (sykes)
	Woodpecker black napped green	<i>Prinia subflava</i>
		<i>Prinia rufuscens</i>
		<i>Prinia buchanani</i>
		<i>Prinia sylvatica</i>
		<i>Dinopium benghalense</i>
		<i>Chrysocolaptes lucidus</i>
		<i>Hemicircus canente</i>
		<i>Picoides nanus</i>
		<i>Picus canus</i>

## Appendix- II

R.C.No.114/38-R.S.

Office of the District Forest Officer,  
Chatrapur Division, Chatrapur.

Dated Chatrapur, the 24th January, 1938.

From

H. Jhaui, Esqr., I.F.S.,  
District Forest Officer,  
Chatrapur Division.

The Conservator of Forests,  
ORISSA,  
Bhubaneswar.

Subject:- Stores - purchase during 1937-38 for  
Chatrapur Division.

In your memo No.5861/LF-21/37 dated 23-12-37 an amount of Rs.205/- was sanctioned for a Safe for District Forest Officer, Chatrapur. Mr. Hart wrote to me to purchase Safe Type No.5 - 36" x 27" x 24" from Imperial safe Manufacturing Co., Calcutta. So I placed the order with them, and got a copy of their catalogue. In reply the company states that Rs.205/- is their ex-Godown price, and so packing and delivery charges to Howrah, and Rly. freight to Chatrapur has to be borne by me. The weight of the above safe is 10 maunds, while the Rly. freight by Goods Train from Howrah to Chatrapur is Rs.1-13-8 per maund. So the total charges F.O.R. Chatrapur including insurance may amount to Rs.225/- I request to be informed whether I can incur these charges in addition to 205/- sanctioned by you, or I should order a smaller safe of the same type. Type No.5 safe -30" x 23" x 22" is quoted by the company for Rs.165/-.

In your Memo No.351 and 356/LF/38 dated 22-1-38 you have authorised me to purchase 4 safes for the Range Officers at Rs.105/- each. This is the price of the smallest safe of type No.5 viz 24" x 20" x 19". As the weight of this safe is 5 maunds, so the total charges F.O.R. Chatrapur for 4 safes will be about Rs.40/- . So I request that this amount may also be sanctioned in addition to (4 x 105 =420) sanctioned in the above reference.

*H. Jhaui* 27/1/38  
District Forest Officer,  
Chatrapur Division.

S. B. P. 1/26/38  
26.1.38.

OFFICE OF THE CONSERVATOR OF FORESTS, ORISSA. /

Memo. No. 1209 / 1F-13/38.

Dated Angul, the 3<sup>rd</sup> <sup>March</sup> February 1938.

To

The District Forest Officer,  
Chatrapur Division.

Subject:- Type-writers.

Reference:- Correspondence resting with your  
Reply Memo No. P.C.-12/38-H-3, dated  
the 11th February 1938.

Your office type-writer should be sent to  
Russelkonda for use in the office of Balliguda division. One  
No. 6.14" brief size underwood type-writer ordered for Balliguda  
Division, which, be consigned to the District Forest Officer,  
Balliguda Division care of the Station Master, Berhampore, the  
Railway Receipt to Range Officer, Berhampore Range should be  
retained by you. I am instructing the District Forest Officer,  
Balliguda Division ~~to~~ accordingly.

Sd. J.W. Nicholson,  
Conservator of Forests,  
O r i s s a.


Memo No. 1212 / 1F-13/38.

Dated Angul, the 3<sup>rd</sup> <sup>March</sup> February 1938.

Copy forwarded to the District Forest Officer,  
Balliguda Division for information in continuation of this offi  
office memo No, C/933 dated the 14th February 1938.

S.S.H., 1.3.

gc  
23

  
Conservator of Forests,  
O r i s s a.

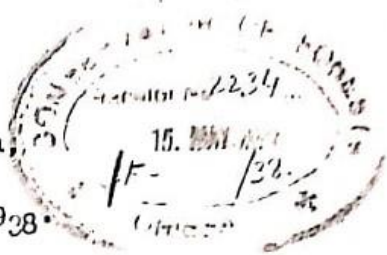
c/c

DEPARTMENT.  
FOREST.

Received..... Registered.....

From (Name) R.Sahal Esquire, I.F.S.,  
 (Designation) District Forest Officer, Chatrapur Division.  
 Post Box....., (STATION) CHATRAPUR.  
 Telegraphic Address.....

To  
 The Conservator Of Forests, Orissa,  
 R.C. No. /38.H.3, dated ANGUL. 11-5-1928.



\*  
 Subject:- Marking Hammers Metallic tapes etc for use of  
 Forest, Subordinates in Chatrapur Division.

*Some*  
 Source of the Range Officers, Foresters and Forest Guards  
 in this Division are badly in need of marking hammers, -  
 Metallic tapes, Metallic letters and numbers.

Kindly let me know from where I should indent for those  
 and to whom I should send unserviceable marking hammers for  
 repairs.

-12-5  
 District Forest Officer,  
 Chatrapur Division.

## Appendix- III

### NOTES.

EDUCATION DEPARTMENT.

FOREST.

FILE No. F.—33 OF 1941.

Change of nomenclature of Chatrapur and Russelkonda Divisions.

[No. 1.] Letter No. 7235, dated the 26th December 1940, from the Conservator of Forests, Orissa.

As Government have decided to declare Russelkonda the headquarters of the Chatrapur Division which had been named after its headquarters station, the nomenclature of the division may be changed. This division cannot be named after its new headquarters since there is already a Russelkonda Division and this may give rise to confusion. The Conservator of Forests does not recommend that the two divisions should be called "Russelkonda North" and "Russelkonda South" as these names will not be permanently suitable and may lead to some confusion.

For the reasons stated by Conservator of Forests the nomenclature of the Russelkonda Division may also be changed and the Russelkonda and Chatrapur Divisions may be renamed as "Ghumur North" and "Ghumur South" respectively.

B. R.—18-12-1941.

D. P.—20-12-1941.

The proposals of the Conservator of Forests regarding change of nomenclature of the Russelkonda and Chatrapur Forest Divisions may be approved by Government.

S. N. MAHAPATRA—22-2-1941.

The suggestion of the Conservator of Forests may be accepted.

S. DAS—1-3-1941.

E. C. A[NSORGE]—3-3-1941.

A draft is put up for approval asking the Conservator of Forests to furnish necessary draft notification.

B. R.—8-3-1941.

D. P.—11-3-1941.

S. N. MAHAPATRA—15-3-1941.

Issue.

S. DAS—17-3-1941.

[No. 2.] Letter No. 764-E., dated the 20th March 1941, to the Conservator of Forests, Orissa.



## Appendix- IV

### LIST OF OFFICERS WHO HELD CHARGE OF GHUMSUR SOUTH DIVISION

Names of officers	Period during which he held charge.
Mr. John Brown	1861 to March 1865
Mr. Gniezhar	1865 to 1865
Mr. T.G.F. Macally	June 1865 to 25-9-1878
Mr. E. Dampier	2-12-1878 to 1883
Mr. A.W. Lushington	December 1883 to 10-5-1887
Mr. C.L. Toussain	24-6-1887 to 1-12-1887
Mr. A.W. Lushington	1-12-1887 to 18-5-1889 and 3-7-1889 to 6-11-1890
Mr. J.S. Battie	7-11-1890 to 25-4-1895
Mr. S. Cox	26-4-1895 to 26-7-1895
Mr. J.S. Battie	27-7-1895 to 24-8-1895
Mr. R. Me Intosh	25-8-1895 to 29-6-1896
Mr. J.L.M.O Leary	7-7-1896 to March 1897
Mr. R.Me Intosh	2-3-1897 to 17-6-1897
Mr. J.L.M.O'Leary	18-6-1897 to 17-8-1898
Mr. C.E.C. Fischer	18-8-1898 to 16-4-1899 18-7-1898 to 23-12-1901 and 17-2-1902 to 6-1-1905
Mr. S. Cox	7-1-1905 to 24-7-1907
Mr. H.C. Benaett	25-7-1907 to 5-5-1909
Mr. T.A. Whitehead	6-5-1909 to 7-11-1909
Mr. H.C. Bennett	8-11-1909 to 15-5-1913
Mr. A.A.F. Minchine	26-11-1913 to 15-5-1915 24-6-1915 to 15-6-1916 4-8-1916 to 18-9-1917 21-10-1917 to 4-10-1919

Name of officers	Period during which he held charges.
Mr. V. Narayana Ayyar	5-10-1919 to 19-11-1919
Mr. A.A.F. Minchin	20-11-1919 to 5-10-1920
Mr. Saiduddin Ahmed	6-10-1920 to 26-11-1920
Mr. E.M. Crothers	27-11-1920 to 23-2-1921
Mr. A. Wimbush	24-2-1921 to 31-7-1922
Mr. H. P. Ward	1-8-1922 to 22-10-1922
Mr. A Winbush	23-10-1922 to 1-2-1923
Mr. O.H.C. Shelsweel	2-2-1923 to 9-2-1923
Mr. J. H. Longrigg	10-2-1923 to 16-3-1923
Mr. H.P. Ward	17-3-1923 to 19-5-1923
Mr. J. H. Longrigg	20-5-1923 to 6-5-1925
Mr. F. D. Ardagh	7-5-1925 to 22-4-1926
Mr. J. C. Wrench	23-4-1926 to 17-4-1927
Mr. D. L. Sathe	18-4-1927 to 7-12-1928
Mr. W. G. Dyson	8-12-1928 to 5-9-1929
Mr. R. S. Michell	6-9-1929 to 14-9-1929
Mr. A. Raju Nayakan	15-9-1929 to 2-1-1930
Mr. W. G. Dyson	3-2-1930 to 7-7-1931
Mr. C.R.F. Williams	8-7-1931 to 11-2-1934
Mr. M.A. Padshah Sahib Bahadur	12-2-1934 to 1-8-1934
Mr. K. G. Balliappa	2-8-1934 to 14-8-1935
Mr. A. M. Padshah Sahib Bahadur	15-8-1935 to 15-10-1935
Mr. K. G. Balliappa	16-10-1935 to 20-11-1935
Mr. M. A. Padshah Sahib Bahadur	21-11-1935 to 24-2-1936
Mr. R. Sahai	25-2-1936 to 2-11-1936
Mr. F.A.A. Hait, O.B.E.	311-1936 to 2-1-1938

Name of officers	Period during which he held charges.
Mr. Sahai	3-1-1938 to 11-1-1939
Khan Bahadur Saïduddier Ahmed.	12-1-1939 to 1-5-1942
Mr. Rai Bahadur K. M. Mallik	2-5-1942 to 23-9-1944
Mr. A. Niladri Rao	24-9-1944 to 3-11-1944
Mr. A. R. Sharma Rai Bahadur K. M. Mallik	4-11-1944 to 2-1-1945
Mr. W.D.M. Warren	3-1-1945 to 26-6-1948
Mr. H. P. Sengupta	27-6-1948 to 4-7-1949
Mr. B. Das	5-7-1949 to 1-8-1949
Mr. H. P. Sengupta	2-8-1949 to 15-2-1950
Mr. D. Patnaik	16-2-1950 to 3-3-1950
Mr. B. K. Joshi	4-3-1950 to 12-7-1951
Mr. C. L. Mahapatra	13-7-1951 to 1-7-1956
Mr. G. K. Das	2-7-1956 to 3-8-1956
Mr. N. R. Sanyal	4-8-1956 to 7-6-1957
Mr. G. K. Das	8-6-1957 to 28-6-1957
Mr. N. R. Sanyal	29-6-1957 to 25-5-1959
Mr. M. P. Das	26-5-1958 to 16-6-1958
Mr. A. P. Mohanty	17-6-1958 to 29-6-1962
Mr. S. S. Das	30-6-1962 to 28-12-1962
Mr. T. Das	29-12-1962 to 10-12-1963
Mr. S. S. Das	11-12-1963 to 20-12-1963
Mr. S. B. Das	21-12-1963 to 8-7-1966
	9-7-1966 to up to date



Appendix-V

5763  
18.11

No. 34

No. 1824 R.,  
III F - 12

Government of Bihar, Revenue Department.

From

J. W. Houlton, Esqr., I.C.S.,  
Secretary to Government,

To

1-7

The Secretary to the Government of Orissa,  
Education, Health and Local Self Government Department.

Subject- Rules for training of Forest Guards Vernacular  
Training Class.

Patna, the 16th April, 1937.

45

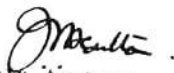
Sir,

I am directed to forward for the information of the  
Government of Orissa a copy of letter no.10174/27-S-(B) dated  
the 29th March 1937 from the Conservator of Forests, Bihar and  
the reply there to.

I have the honour to be,

Sir,

Your mostobedient servant,



Secretary to Government.

J.N.S.16/4

18/4

## Appendix- VI

OFFICE OF THE CONSERVATOR OF FORESTS, ORISSA.

-----  
No. 1126 / 1F- / 36.

From

J. W. Nicholson, Esqr., I.F.S.,  
Offg. Conservator of Forests,  
O r i s s a .

To

The Secretary to Government of Orissa,  
Education, Health and Local Self Government  
Departments.

C u t t a c k .

Dated Angul, the 23<sup>rd</sup> June 1936.

Subject:- Introduction of System of Local  
Audit in forest divisions.

Sir,

I have the honour to state, that the System of Local audit of forest accounts in vogue in Ganjam and Parlakimedi divisions and it is understood that this System has also been introduced in Bengal and the United Provinces. At the Bihar and Orissa Forest Officers conference held at Ranchi in 1930 it was recommended that the system of local audit should be introduced in some divisions. This system has much to commend it and I recommend that it be introduced in other Orissa divisions.

I have the honour to be,  
Sir,  
Your most obedient servant,

S. 25/6.

Offg. Conservator of Forests,  
O r i s s a .

# Appendix- VII

OFFICE OF THE CONSERVATOR OF FORESTS, ORISSA.

No. 5043 /1F-75/40.

From

J. W. Nicholson, Esqr., I. F. S.,  
Conservator of Forests, Orissa,  
P. O. A N G U L,

To

The Secretary to the Government of Orissa,  
Education Department, C U T Y A C K.

Dated Angul, the 28<sup>th</sup> August 1940.

Subject:-Grazing fee in Government Forests.

Sir,

With reference to correspondence resting with your letter No. 1992E, dated the 23rd April 1940, I have the honour to submit herewith a statement showing the financial effect due to the reduction of grazing fees during the year 1939-40.

I have the honour to be,  
Sir,  
Your most obedient servant

Encl:-As above.

*J. W. Nicholson*  
Conservator of Forests,  
O R I S S A.

R. B. S.  
27.8.40.

*R. B. S.*  
27.8.40.

7.3817E  
29/8

Low  
29/8/40

x May 28  
sent to Attili 1940  
= 45-51

STATEMENT SHOWING THE FINANCIAL EFFECT DUE TO THE REDUCTION OF GRAZING FEES FOR THE YEAR 1939-40.

Animals reared.	No.	Grazing fee at		Grazing fee actually realised		Difference (of Col. 4 - Col. 6)
		old rates.		at reduced rates.		
		Rate per head.	Amount	Rate per head.	Amount	
1	2	3	4	5	6	7
Buffaloes.	2205	0-4-0	551	0-3-0	413	
	6030	0-6-0	2261	0-3-0	1131	
	693	0-8-0	346	0-3-0	130	
	697	0-12-0	523	0-6-0	261	
	3267	0-14-0	2859	0-3-0	613	
	852	1-0-0	852	0-3-0	160	
	56	1-0-0	56	0-6-0	21	
	158	1-12-0	276	0-6-0	59	
	<b>Total</b>			<b>7724</b>		<b>2788</b>
Hillocks & cows etc.	56138	0-3-0	10526	0-2-0	7017	
	3011	0-4-0	753	0-2-0	376	
	6316	0-6-0	2368	0-4-0	1579	
	2336	0-6-0	896	0-2-0	292	
	650	0-7-0	284	0-2-0	81	
	2999	0-8-0	1495	0-2-0	375	
	7	0-14-0	6	0-4-0	2	
	<b>Total.</b>			<b>16308</b>		<b>9722</b>
Sheep.	2995	0-1-6	281	0-1-0	187	
	929	0-3-0	174	0-2-0	116	
	1165	1-0-0	1165	0-1-0	73	
<b>Total.</b>			<b>1620</b>		<b>376</b>	<b>- 1244</b>
Goats.	130	0-4-0	33	0-4-0	33	
	1046	1-0-0	1046	1-0-0	1046	
<b>Total.</b>			<b>1079</b>		<b>1079</b>	<b>-</b>
<b>Grand Total.</b>			<b>26731</b>		<b>13965</b>	<b>- 12766</b>

## Appendix – VIII

40

### Essential Forest Produce in Orissa

**Table 3.1: Availability of different types of EFP in different seasons.**

Sl. No.	Essential forest produce	Availability by Months											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1.	Seeded Tamarind	*	*	*	*	*							
2.	Deseeded Tamarind	*	*	*	*	*							
3.	Hill broom	*	*	*	*								*
4.	Myrobalan (Harida)	*	*	*								*	*
5.	Honey		*	*	*	*	*	*	*				
6.	Siali leaves	*	*										*
7.	Nux Vomica	*	*										*
8.	Marking Nut	*	*	*							*	*	
9.	Cleaning Nut	*	*							*	*	*	
10.	Antudi Flower				*	*							
11.	Dhatuki Flower	*	*	*									*
12.	Swan Climber	*	*	*	*	*							*
13.	Thorn Broom	*	*	*									*
14.	Genduli Gum	*	*	*	*								
15.	Dhaura Gum	*	*	*	*								
16.	Amta Gum	*	*	*	*								
17.	Bahada Gum	*	*	*	*								
18.	Other Gum	*	*	*	*								
19.	Char Gum	*	*	*	*								
20.	Lac	*	*			*	*	*					
21.	Nageswar flower	*	*								*	*	
22.	Sunarl Bark				*	*							

Collection and Procurement of Essential Forest Produce 41

Sl. No.	Essential forest produce	Availability by Months											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
23.	R.S. Root				*								
24.	Siali Fibre				*	*							
25.	Mushrooms (Edible)							*	*	*	*		
26.	Bhalia Koli				*	*	*						
27.	Fenfena bark			*	*	*							
28.	Simuli Cotton			*	*	*							
29.	Bhuin neem									*	*	*	*
30.	Khilua creeper				*								
31.	Bahada	*	*	*								*	*
32.	Amla	*	*	*								*	*
33.	Broom grass *									*	*	*	*
34.	Sal seeds					*	*						
35.	Soap nut					*	*						
36.	Tamarind seed				*	*							
37.	Thatch grass	*	*										
38.	Cane				*	*							
39.	Mahua seed				*	*							
40.	Karanj seed		*	*									
41.	Kusum seed					*	*						
42.	Char seed				*	*	*						
43.	Babul bark					*	*			*	*		
44.	Resin (Sal)			*	*	*	*						
45.	Patal Garuda	*								*	*	*	
46.	Shikakayi		*	*									
47.	Fenfena fruit								*	*			
48.	Ashok bark	*	*									*	
49.	Mushroom (Poison)								*				

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*Essential Forest Produce in Orissa*


Sl. No.	Essential forest produce	Availability by Months											
		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
50.	Kendu leave				*	*							
51.	Arrowroot		*	*	*								*
52.	Arjuna bark	*	*										
53.	Sal leaves	*	*										
54.	Mango kernel				*	*	*	*					
55.	Mahua flower		*	*									
56.	Pita Alu										*	*	*
57.	Chireita	*	*										
58.	Mankada kendu fruit				*	*							
59.	Rohini flower		*	*	*								
60.	Bee wax				*	*	*						



# Appendix - IX

OFFICE OF THE CONSERVATOR OF FORESTS, ORISSA. *B.P.*

No. *468* /1F-32/41. No 23

 From

J. W. Nicholson, Esqr., I. F. S.,  
Conservator of Forests, Orissa,

*By 334E* To  
*28/1*

The Secretary to the Government of Orissa,  
Education Department, C U T T A C K.

Dated Angul, the *24th* January 1941.

Subject:-Sale of coupes of 1938-39 of  
Chatrapur Division - Writing off of  
irrecoverable revenue.

Sir,

*P.T.C.*

With reference to Education Department  
letter No.105 E, dated the 11th January 1941, I have the  
honour to state that the instalment was due on 7th February  
1939 and the Tahsildar was requested on 13th March 1939 to  
recover the overdue amounts as soon as it was known from the  
Range accounts for February that the lessee had defaulted  
the instalment.

I have the honour to be,  
Sir,  
Your most obedient servant,

*J. W. Nicholson*  
Conservator of Forests,  
O R I S S A.

R. B. S.  
21.1.41.  
*Has*  
*21/1/41*



Appendix-X

OFFICE OF THE CONSERVATOR OF FORESTS, ORISSA.

No. 4584 /1F-80/40.

No 21

7-3411E  
18940  
1-8-40

From

J. W. Nicholson, Esqr., I. F. S.,  
Conservator of Forests, Orissa,  
P.O. ANGUL,

The Secretary to the Government of Orissa,  
Education Department, CUTTACK.

Dated Angul, the 31<sup>st</sup> July 1940.

Subject:-Sale of coupes of 1938-39 of Chatrapur  
Division - Writing off of irrecoverable  
revenue.

Sir,

I have the honour to state that one Haribandhu  
Khadanga of Sadasivapur purchased 645 wind fallen trees in Chatra-  
pur Division for Rs.1635/-. He failed to pay the purchase price in  
instalments set forth in the agreement which is enclosed herewith  
in original for reference. The trees were resold and fetched only  
Rs.817-8-0. Thus the Department had to incur a loss amounting to  
Rs.729-13-1 as per calculation given below:-

Purchase price. . . . .	Rs.1635/-
Add interest on the above. . .	82-5-1
<b>Total.</b>	<b>Rs.1717-5-1</b>
Less amount got by resale:-	-817-8-0
" Security deposit forfeited to Govern- ment under Clause 16 of agreement. . . . .	-170-0-0
	<b>987-8-0</b>
<b>Irrecoverable balance.</b>	<b>Rs. 729-13-1</b>

The Revenue Divisional Officer, Ghumsur was requested  
to realise the amount as arrear revenue. It is reported by him that  
it is not possible to recover anything from the contractor  
Haribandhu Khadanga as he has no property of his own.

In the circumstances I would request that sanction  
of Government may be accorded to write off the irrecoverable balance

4) 9)  
balance of Rs.729-13-1 outstanding against the contractor.

I have the honour to be,  
Sir,  
Your most obedient servant,

*J. B. ...*  
Conservator of Forests,  
O R I S S A.

R. B. S.  
30.7.40.

How  
17.40.

1812

1812/11

Government of Orissa.  
Education Department.

No. 105 E.

No 22

From

Rai Sahib S. N. Mahapatra, B.A.,  
Assistant Secretary to Government,

To

The Conservator of Forests,  
O r i s s a .

Dated Cuttack, the 11<sup>th</sup> January 1941.

Subject :- Sale of coupes of 1938-39 of Chatrapur Division-  
Writing off of irrecoverable revenue.

of

Sir,

With reference to your letter no.4384, dated the 31st July, 1940, I am directed to request you to be so good as to state whether the Tahsildar of the Taluk was asked to recover the overdue amounts in accordance with Clause 15-A of the agreement when it came to notice that the lessee defaulted the 1st instalment.

I have the honour to be,

Sir,

Your most obedient servant,

  
Assistant Secretary.