

## **Bio-diversity**

The state of Orissa is located on the eastern coast of Indian peninsula is quite rich in natural resources and has several bio-diversity hot spot areas of the Indian subcontinent. It has varied and wide spread forests harbouring dry deciduous, moist deciduous forests as well as mangroves with several unique, endemic, rare and endangered floral and faunal species. Orissa is one of the richest bio-diversity regions in Southeast Asia. It has 7 major river deltas of varies sizes and shapes formed by the rivers Subarnarekha, Budhabalanga, Baitarani, Brahmani, Mahanadi, Rushikulya and Bahuda. This region has 5 major morphological zones – the coastal plains, the middle mountainous and highlands region, the central plateaus, the western rolling uplands and major flood plains. Bhitarkanika Wildlife Sanctuary (BKWS) has been designated a Ramsar site in 2002(2<sup>nd</sup> in the state). It was declared as Bhitarkanika National Park in 1988. It is located in Kendrapara district. The deltaic region is surrounded by the rivers Brahmani and Baitarani sea. The dominant vegetation type is mangrove. Wild animals like Leopard cat, fishing cat, jungle cat, hyena, wild boar, spotted deer, porcupine, dolphin, saltwater crocodile including partially white (sankhua) crocodile, python, king cobra, water monitor lizard, terrapin, marine turtle, kingfisher, wood pecker, hornbill, bar headed geese, Brahminy duck, pintail white bellied sea eagle, tern, sea gull, waders and a large variety of resident and migratory birds can be seen.

Chandaka – Dampara Sanctury is located in between Khurda and Cuttack districts. Mixed and bamboo forests along with wild animals such as Asian Elephants, Chital, barking deer, mouse deer, wild pig, common langur, rhesus monkey, common Indian mongoose, hyena, sloth bear, ratel, monitor lizard and rock python and birds such as red jungle fowl, peafowl, crested serpent eagle and great horned owl can be seen.

Chilika, a wonder creation of nature, has been designated as a Ramsar site. Over a million migratory waterfowl and shore birds winter here. Over 400 vertebrate species have been record here. Several endangered, rare, threatened and vulnerable species are found here. 230 species of migratory and resident birds find their abode in this wetland. Some of them are Flamingo, white bellied sea eagle, Brahiminy kite, spotbilled pelican, Bar headed goose, open bill stork, spoonbill, Brahiminy duck, pigeon, pintail, shoveller and a large number of other ducks and geese, white ibis, cormorant, heron, egret, stork, stilt, avocet, gulls, tern, coot, osprey, purple moon hen, lapwing, curlew, whimbrel, godwit, sandpiper, little stint, plover, kingfisher etc. A total of 102 species of algae and 546 species of Angiospermic plants have been reported from Chilika lagoon and its immediate neighborhood. Some of the plants are Gracilaria verrucosa, Chaetomorpha linum, Enteromorpha intestinalis, Potamogeton pectinatus, Halophia ovalis, Schoenoplectus litoralies, Phramitis karka, Cassipourea cylanica etc.

In Debrigarh Sanctuary located in Bargarh district, the floral species found are Bija, Sal, Sisoo, Bandhan, Manul, Dhaura, Karada, Harda, Ainla, Bahada, Domkurdu and Bamboo. The wildlife found in this region are Tiger,

Leopard, Gaur, Sambar, Spotted deer, four horned antelope, sloth bear, wild boar, langur, porcupine, malabar giant squirrel, common civet etc. and Avifauna are peafowl, Bluejay, jungle crow, spur fowl, varieties of eagle, owls etc. Migratory birds such as great crested grebe, Brahminy duck, pintail, shoveller, godwal, tufted pochard and several ducks during winter.

Karlapat sanctuary is located close to Bhawanipatna of Kalahandi districts. The forest consists of floral species such as Bija, Asan, Harida, Karyada, Amla, Bahada, Karada, Sidha and Kumbhi. The major wildlife include Tiger, Leopard, Black panther, Elephant, Barking deer, Malabar giant squirrel, Wild pig, Sloth bear, Gaur, Sambar, Pangolin, Mouse deer, Indian Wolf, Common palm civet, Wild dog, Jungle cat, varieties of birds like Peafowl, Hornbill, Red jungle fowl, Spur fowl, partridges, Hill myna, Brahminy kite etc and reptilian fauna includes mugger crocodile, monitor lizards, snakes both poisonous and non-poisonous.

Satkoshia sanctuary spreads over four districts i.e. Angul, Cuttack, Boudh, Nayagarh. So far 400 species of plants (126 trees, 98 shrubs, 125 herbs and 51 climbers) are found.

Fauna species found in this region are highly endangered gharial, mugger, fresh water turtles along with other wildlife like Elephant, Tiger, Leopard, Sambar, Spotted deer, Barking deer, Chousingha, Mouse deer, Rhesus macaque, Langur, Porcupine, Hare, Civet cat, Ratel, Wild dog etc. 128 species of birds, 27 species of reptiles, 4 species of amphibians and 183 species of fish have been recorded in the region.

There are 94 species of orchids and 1076 species of other plants in Similipal. It includes two species of orchids which are endemic, eight plants endangered, eight species vulnerable and 34 rare species of plants. It has a rich variety of animals. The identified species of fauna include 12 species of amphibians, 29 species of reptiles, 264 species of birds and 42 species of mammals. Rare species such as black and melanistic tiger are also seen.

Sunabeda sanctuary is located close to the boundary of Chhatisgarh state. The rich flora species are piasal, teak, bija, sisoo, ashan, harida, sidha, mai, char, kumbhi, genduli, salia bamboo.

A varieties of endangered species in this region are Tiger, Leopard, Wild buffalo, Nilgai, Sambar, Gaur, Barking deer, Chital, Porcupine, Hyena, Wild boar, Langur, Rhesus monkey etc. birds like hill myna, peafowl, red jungle fowl, partridge, green pigeon, coots, dabchick, teals, snake bird, open billed stork, fishing eagle etc. are seen in this region.

Regular study on biodiversity is not being conducted. Some of the information collected from different sources is tabulated here.

<b>ANIMAL SPECIES (Year- 1991)</b>		
<b>Species Category</b>	<b>Species Name</b>	<b>Species Type</b>
Vulnerable	Canis lupus pallipes Sykes	Mammalia
Vulnerable	Platanista gangetica (Roxburgh)	Mammalia
Vulnerable	Felis bwngalensis (Kerr)	Mammalia
Endangered	Felis caracal schmitzi Matschie	Mammalia
Vulnerable	Dugon dugon (Muller)	Mammalia
Endangered	Batagur baska (Gray)	Reptilia
Extinct	Acinonyx jubatus venaticus (Griffith)	Mammalia
Endangered	Bubalus bubalis (Linnaeus)	Mammalia

Source - Wildlife Wealth of Orissa



<b>ANIMAL SPECIES (Year- 2001)</b>		
<b>Species Category</b>	<b>Species Name</b>	<b>Species Type</b>
Endangered	Gharial	Reptilia
Vulnerable	Blackbuck (Antelope cervicapra)	Mammalia
Vulnerable	Tiger (Panthera tigris)	Mammalia
Vulnerable	Indian Pangolin (Manis crassicaudata)	Mammalia
Vulnerable	Fishing cat (Felis viverrina)	Mammalia
Endangered	Water Monitor Lizard (Varanus salvator)	Reptilia
Endangered	Olive Ridley Turtle (Lepidochelys olivacea)	Reptilia
Endangered	Green Turtle (Chelonia mydas)	Reptilia
Endangered	Salt water Crocodile (Crocodylus porosus)	Reptilia
Endangered	Python (Genus python)	Reptilia
Vulnerable	Peafowl	Aves
Endangered	Gharial Gavialis gangeticus)	Reptilia
Endangered	Mugger Crocodile (Crocodile palustris)	Reptilia
Extinct	Pink headed ducli	Aves
Extinct	Cheetak	Mammalia
Vulnerable	Felis viverrina Bennett	Mammalia
Vulnerable	Elephas maximus Linnaeus	Mammalia
Endangered	Leopard (panthera pardus)	Mammalia
Vulnerable	Tragulus meminna (Erleben)	Mammalia
Vulnerable	Cervus duvauceli G. Cuvier	Mammalia
Vulnerable	Antilope cervicapra (Linnaeus)	Mammalia
Vulnerable	Tetracerus quadricornis Blainville	Mammalia
Vulnerable	Bos gaurus H. Smith	Mammalia
Vulnerable	Pelecanus philippensis crispus Bruch	Aves
Rare	Ardea goliath Cretzschman	Aves
Endangered	Leptotilos dubius (Gmelin)	Aves

Endangered	<i>Ciconia ciconia boyciana</i> (Swinhoe)	Aves
Endangered	<i>Platalea leucorodia major</i> Temminck & Schegel	Aves
Vulnerable	<i>Haliaeetus leucogaster</i> (Gmelin)	Aves
Endangered	<i>Falco peregrinus peregrinator</i> Sundevall	Aves
Vulnerable	<i>Pavo cristatus</i> Linnaeus	Aves
Endangered	<i>Athene blewitti</i> (Hume)	Aves
Vulnerable	<i>Anthracoceros malabaricus</i> (Gmelin)	Aves
Endangered	<i>Crocodylus porosus</i> Schneider	Reptilia
Endangered	<i>Chelonia mydas</i> (Linnaeus)	Reptilia
Endangered	<i>Eretmochelys imbricata</i> (Linnaeus)	Reptilia
Endangered	<i>Lepidochelys olivacea</i> (Escholtz)	Reptilia
Endangered	<i>Dermochelys coriacea</i> (Linnaeus)	Reptilia
Vulnerable	<i>Kachuga tecta</i> (Gray)	Reptilia
Vulnerable	<i>Lissemys punctata</i> (Lacepede)	Reptilia
Vulnerable	<i>Trionyx hurum</i> (Gray)	Reptilia
Endangered	<i>Chelonia mydas</i> (Linnaeus)	Reptilia
Vulnerable	<i>Lissemys punctata</i> (Lacepede)	Reptilia
Vulnerable	<i>Trionyx gangeticus</i> (Cuvier)	Reptilia
Vulnerable	<i>Trionyx hurum</i> Gray	Reptilia
Endangered	<i>Varanus bengalensis</i> (Daudin)	Reptilia
Endangered	<i>Varanus flavescens</i> (Hardwicke & Gray)	Reptilia
Endangered	<i>Tylototriton verrucosus</i> Anderson	Amphibia
Endangered	<i>Felis caracal schmitzi</i> Matchie	Mammalia
Vulnerable	Gaur ( <i>Bibos gaurus</i> )	Mammalia
Endangered	Yellow Monitor ( <i>Varanus flavescences</i> )	Reptilia
Vulnerable	Hornbills (Malabar pied Hornbill)	Aves
Extinct	Great Indian Bustard	Aves
Vulnerable	<i>Asperdertes gangeticus</i> (Cuvier)	Reptilia
Vulnerable	<i>Canis lupus pallipes sykes</i>	Mammalia

Vulnerable	<i>Panthera pardus</i> (Linnaeus)	Mammalia
Vulnerable	<i>Panthera tigris tigris</i> (Linnaeus)	Mammalia
Vulnerable	<i>Platanista gangetica</i> (Roxburgh)	Mammalia
Vulnerable	<i>Manis crassicaudata</i> Gray	Mammalia
Vulnerable	<i>Dendrocygna bicolor</i> (Vieillot)	Aves
Extinct	<i>Rhodonessa caryophyllacea</i> (Latham)	Aves
Vulnerable	<i>Pandion haliaetus</i> (Linnaeus)	Aves
Endangered	<i>Rynchops albicollis</i> Swainson	Aves
Endangered	<i>Gavialis gangeticus</i> (Gmelin)	Reptilia
Endangered	<i>Varanus salvator</i> (Laurenti)	Reptilia
Extinct	<i>Acinonyx jubatus venaticus</i> (Griffith)	Mammalia
Vulnerable	<i>Felis bengalensis</i> (Kerr)	Mammalia
Endangered	<i>Felis marmorata</i> (Martin)	Mammalia
Endangered	<i>Leptotilos javanicus</i> (Horsfield)	Aves
Endangered	<i>Crocodylus palustris</i> Lesson	Reptilia
Endangered	<i>Lepidochelys olivacea</i> (Eschscholtz)	Reptilia
Endangered	<i>Dermochelys coriacea</i> (Linnaeus)	Reptilia
Endangered	<i>Kachuga tecta</i> (Gray)	Reptilia
Endangered	<i>Python molurus</i> Linnaeus	Reptilia

Source - Office of the Chief Conservator of Forest (Wildlife) & Wildlife Wealth of Orissa

**ANIMAL SPECIES –( year – 2006)**

<b>Species Category</b>	<b>Species Name</b>	<b>Species Type</b>
Vulnerable	Canis Lupus Pallipes	Mammalia
Extinct	Asiatic Cheetah	Mammalia
Vulnerable	Leopard cat	Mammalia
Endangered	Marbled cat	Mammalia
Vulnerable	Fishing cat	Mammalia
Endangered	Caracal	Mammalia
Vulnerable	Leopard	Mammalia
Vulnerable	Tiger	Mammalia
Vulnerable	Gangetic Dolphin	Mammalia
Vulnerable	Dugong	Mammalia
Vulnerable	Indian Elephant	Mammalia
Vulnerable	Mouse Deer	Mammalia
Vulnerable	Swamp Deer	Mammalia
Vulnerable	Black buck	Mammalia
Vulnerable	Four horned Antelope	Mammalia
Vulnerable	Dalmatian Pelican	Aves
Rare	Giant Heron	Aves
Endangered	Leatherback Sea Turtle	Reptilia
Vulnerable	Indian Flap-shelled Turtle	Reptilia
Vulnerable	Indian soft shelled Turtle	Reptilia
Vulnerable	Peacock marked soft shelled Turtle	Reptilia
Endangered	Common Indian monitor	Reptilia
Endangered	Water Monitor	Reptilia
Endangered	Desert Monitor	Reptilia
Endangered	Indian Rock Python	Reptilia
Vulnerable	Indian Bison or Gaur	Mammalia

Endangered	Wild Buffalo	Mammalia
Vulnerable	Indian Pangolin	Mammalia
Endangered	Green Sea Turtle	Reptilia
Endangered	Hawksbill Turtle	Reptilia
Endangered	Olive Ridley Turtle	Reptilia
Endangered	Yellow Monitor	Reptilia
Endangered	Batagur or Terrapin	Reptilia
Vulnerable	Indian Tent Turtle	Reptilia
Endangered	Estuarine or Saltwater crocodile	Reptilia
Endangered	Mugger	Reptilia
Endangered	Adjutant stork	Aves
Endangered	Haircrested Adjutant	Aves
Endangered	Eastern White Stork	Aves
Endangered	White Spoonbill	Aves
Vulnerable	Large Whistling Teal	Aves
Extinct	Pinkheaded Duck	Aves
Vulnerable	Whitebellied Sea Eagle	Aves
Vulnerable	Osprey	Aves
Endangered	Shaheen Falcon	Aves
Vulnerable	Indian Peafowl	Aves
Vulnerable	Indian Peafowl	Aves
Endangered	Indian Skimmer	Aves
Vulnerable	Malbar Pied Hornbill	Aves
Endangered	Gharial	Reptilia

Source - State of Environment Report



**PLANT SPECIES (Year- 2001)**

<b>Species Category</b>	<b>Species Name</b>	<b>Species Type</b>
Endemic	<i>Dendrocalamus strictus</i>	Gymnosperm
Endemic	<i>Acacia donaldi</i>	Angiosperm
Endemic	<i>Aglaia haslettiana</i>	Angiosperm
Endemic	<i>Aspidopteris litchinsonii</i>	Angiosperm
Endemic	<i>Homonoia intermedia</i>	Angiosperm
Endemic	<i>Mucuna minima</i>	Angiosperm
Endemic	<i>Oryza jeyporensis</i>	Angiosperm
Endemic	<i>Tragia gagei</i>	Angiosperm
Endemic	<i>Uvaria eucineta</i>	Angiosperm
Endangered	<i>Balanophora polyandra</i>	Angiosperm
Endangered	<i>Cassipourea ceylanica</i>	Angiosperm
Endangered	<i>Stemona tuberosa</i>	Angiosperm
Vulnerable	<i>Alphonsea madraspatana</i>	Angiosperm
Vulnerable	<i>Cycas circinalis</i>	Angiosperm
Vulnerable	<i>Gloriosa superba</i>	Angiosperm
Vulnerable	<i>Gretumula Brong</i>	Angiosperm
Vulnerable	<i>Phoenix paludosa</i>	Angiosperm
Vulnerable	<i>Rauvolfia serpentina</i>	Angiosperm
Rare	<i>Alchornea mallis</i>	Angiosperm
Rare	<i>Amoora cucullata</i>	Angiosperm
Rare	<i>Ascocentrum micranthum</i>	Angiosperm
Rare	<i>Bulbophyllum careyanum</i>	Angiosperm
Rare	<i>Capparis olacifolia</i>	Angiosperm
Rare	<i>Capparis roxburghii</i>	Angiosperm
Rare	<i>Ceropegia hirsuta</i>	Angiosperm
Rare	<i>Chirita hamosa</i>	Angiosperm
Rare	<i>Chukrasia tabularis</i>	Angiosperm
Rare	<i>Dipcadi montanum</i>	Angiosperm
Rare	<i>Dryptes assamica</i>	Angiosperm
Rare	<i>Eleiotis sororia</i>	Angiosperm
Rare	<i>Eria bambusifolia</i>	Angiosperm
Rare	<i>Garcinia cowa</i>	Angiosperm
Rare	<i>Homalium nepalense</i>	Angiosperm
Rare	<i>Hypericum gaitii</i>	Angiosperm
Rare	<i>Indigofera aspalathoides</i>	Angiosperm
Rare	<i>Indigofera wightii</i>	Angiosperm
Rare	<i>Fusticia nilgherrensis</i>	Angiosperm
Rare	<i>Carissa gangetica</i>	Angiosperm
Rare	<i>Knoxia linearis</i>	Angiosperm
Rare	<i>Leucas clarkei</i>	Angiosperm
Rare	<i>Lobelia terminalis</i>	Angiosperm

Rare	Malaxis mackinnonii	Angiosperm
Rare	Maytenus bailadillana	Angiosperm
Rare	Maytenus rothiana	Angiosperm
Rare	Melasma thomsonii	Angiosperm
Rare	Molluga disticha	Angiosperm
Rare	Molluga disticha	Angiosperm
Rare	Natsiatum herpeticum	Angiosperm
Rare	Neanotis quadrilocularis	Angiosperm
Rare	Neocinnamomum caudatum	Angiosperm
Rare	Nervilia crispeta	Angiosperm
Rare	Nilgirianthus lupulinus	Angiosperm
Rare	Nothopegia heyneana	Angiosperm
Rare	Rhaphidophora hookeri	Angiosperm
Rare	Salicornia brachiata	Angiosperm
Rare	Schefflera roxburghiana	Angiosperm
Rare	Sophora glauca	Angiosperm
Rare	Traverniera cuneifolia	Angiosperm
Rare	Tephrosia roxburghiana	Angiosperm
Rare	Tinospora sinensis	Angiosperm
Rare	Richospermum grandiflorum	Angiosperm
Rare	Tripogon roxburghianus	Angiosperm
Rare	Tropidia angulosa	Angiosperm
Rare	Tylophora rotundifolia	Angiosperm
Rare	Uvaria hamiltonii	Angiosperm
Rare	Vibuurnum acuminatum	Angiosperm
Rare	Xylocarpus gangeticus	Angiosperm
Endemic	Cladenia	Lichens
Endemic	Alectoria	Lichens
Endemic	Parmelia	Lichens
Endemic	Graphis	Lichens
Endemic	Calicinum	Lichens
Endemic	Cyphelium	Lichens
Endemic	Caloplacae	Lichens
Endemic	Verrucaria	Lichens
Endemic	Epheba	Lichens
Endemic	Hymenelia	Lichens
Endemic	Riella	Liverworts
Endemic	Riccia	Liverworts
Endemic	Marchantia	Liverworts
Endemic	Sewerchiella	Liverworts
Endemic	Anthovrova	Liverworts
Rare	Ricciocarpus	Liverworts
Rare	Takakia	Liverworts

Rare	<i>Olax acuminata</i>	Angiosperm
Rare	<i>Ophiorrhiza trichocarpos</i>	Angiosperm
Rare	<i>Oropetrum villosum</i>	Angiosperm
Rare	<i>Osbeckia rostrata</i>	Angiosperm
Rare	<i>Parabaena sagittata</i>	Angiosperm
Rare	<i>Paramignya griffithii</i>	Angiosperm
Rare	<i>Pavetta brevifolia</i>	Angiosperm
Rare	<i>Paperomia dindigulensis</i>	Angiosperm
Rare	<i>Persea macrantha</i>	Angiosperm
Rare	<i>Peucedanum dhana</i>	Angiosperm
Rare	<i>Phlebophyllum jeyporensis</i>	Angiosperm
Rare	<i>Pittosporum nepaulense</i>	Angiosperm
Rare	<i>Pimpinella bracteata</i>	Angiosperm
Rare	<i>Podostemon wallichii</i>	Angiosperm
Rare	<i>Polyalthia korint</i>	Angiosperm
Rare	<i>Polystachya flavescens</i>	Angiosperm
Rare	<i>Prunus gygeoides</i>	Angiosperm
Rare	<i>Psoralya corylifolia</i>	Angiosperm
Rare	<i>Psychotria adenophylla</i>	Angiosperm
Rare	<i>Psychotria fulva</i>	Angiosperm
Endemic	<i>Selaginella</i>	Fern & Fernallics
Endemic	<i>Equisetum</i>	Fern & Fernallics
Extinct	<i>Primotilices</i>	Fern & Fernallics
Extinct	Moraffiales	Fern & Fernallics
Endemic	<i>Bowenia lepdozamia</i>	Gymnosperm
Endemic	<i>Macrozamia</i>	Gymnosperm
Endemic	<i>Encephalartos</i>	Gymnosperm
Endemic	<i>Stangeria</i>	Gymnosperm
Endangered	<i>Ginkgobilola</i>	Gymnosperm
Rare	<i>Aralicassia</i>	Gymnosperm
Extinct	Coniferales	Gymnosperm
Rare	<i>Notothylas</i>	Liverworts
Endemic	<i>Funneria</i>	Mosses
Endemic	<i>Polytrichum</i>	Mosses
Endemic	<i>Webeve</i>	Mosses
Endemic	<i>Sphjnum</i>	Mosses
Rare	<i>Andreaea</i>	Mosses
Endemic	<i>Chara grovesii</i>	Algae
Endemic	<i>Chara ruda</i>	Algae
Endemic	<i>Chara wallichic</i>	Algae
Endemic	<i>Chara pashanii</i>	Algae
Endemic	<i>Chara hundae</i>	Algae
Endemic	<i>Chara lutei</i>	Algae

Endemic	Chara vardalurensis	Algae
Endemic	Saproleguia	Fungai
Endemic	Albugo	Fungai
Endemic	Saccharomyces	Fungai
Endemic	Aspergillus	Fungai
Endemic	Puccinia	Fungai
Vulnerable	Slimemoulds	Fungai
Vulnerable	Deutoromycetes	Fungai

Source - The Flora of Orissa

<b>PLANT SPECIES (Year-2006)</b>		
Species Category	Species Name	Species Type
Endemic	Dendrocalamus strictus	Gymnosperm
Endemic	Acacia donaldi	Angiosperm
Endemic	Oryza jeyporensis	Angiosperm
Endemic	Tragia gagei	Angiosperm
Endemic	Uvaria eucineta	Angiosperm
Endangered	Balanophora polyandra	Angiosperm
Endangered	Cassipourea ceylanica	Angiosperm
Endangered	Stemona tuberosa	Angiosperm
Vulnerable	Alphonsea madraspatana	Angiosperm
Vulnerable	Cycas circinalis	Angiosperm
Vulnerable	Gloriosa superba	Angiosperm
Vulnerable	Gretumula Brong	Angiosperm
Vulnerable	Phoenix paludosa	Angiosperm
Vulnerable	Rauvolfia serpentina	Angiosperm
Rare	Alchornea mallis	Angiosperm
Rare	Eleiotis sororia	Angiosperm
Rare	Eria bambusifolia	Angiosperm
Rare	Molluga disticha	Angiosperm
Rare	Traverniera cuneifolia	Angiosperm
Rare	Capparis olacifolia	Angiosperm
Rare	Capparis roxburghil	Angiosperm
Rare	Ceropegia hirsuta	Angiosperm
Rare	Chirita hamosa	Angiosperm
Rare	Chukrasia tabularis	Angiosperm
Rare	Dipcadi montanum	Angiosperm
Rare	Dryptes assamica	Angiosperm
Rare	Melasma thomsonii	Angiosperm
Rare	Natsiatum herpeticum	Angiosperm
Rare	Neocinnamomum caudatum	Angiosperm
Rare	Nervilia crispeta	Angiosperm
Rare	Nilgirianthus lupulinus	Angiosperm
Rare	Tephrosia roxburghiana	Angiosperm
Endemic	Aglaias haslettiana	Angiosperm
Endemic	Aspidopteris laitchinsonil	Angiosperm
Endemic	Homonoia intermedia	Angiosperm
Endemic	Mucuna minima	Angiosperm
Rare	Amoora cucullata	Angiosperm
Rare	Ascocentrum micranthum	Angiosperm

Rare	<i>Bulbophyllum careyanum</i>	Angiosperm
Rare	<i>Molluga disticha</i>	Angiosperm
Rare	<i>Nothopegia heyneana</i>	Angiosperm
Rare	<i>Rhaphidophora hookeri</i>	Angiosperm
Rare	<i>Salicornia brachiata</i>	Angiosperm
Rare	<i>Schefflera roxburghiana</i>	Angiosperm
Rare	<i>Sophora glauca</i>	Angiosperm
Rare	<i>Tinospora sinensis</i>	Angiosperm
Rare	<i>Richospermum grandiflorum</i>	Angiosperm
Rare	<i>Tripogon roxburghianus</i>	Angiosperm
Rare	<i>Tropidia angulosa</i>	Angiosperm
Rare	<i>Tylophora rotundifolia</i>	Angiosperm
Rare	<i>Uvaria hamiltonii</i>	Angiosperm
Rare	<i>Vibuurnum acuminatum</i>	Angiosperm
Rare	<i>Xylocarpus gangeticus</i>	Angiosperm
Endemic	<i>Epheba</i>	Lichens
Endemic	<i>Hymenelia</i>	Lichens
Endemic	<i>Riella</i>	Liverworts
Rare	<i>Ricciocerpis</i>	Liverworts
Rare	<i>Paperomia dindigulensis</i>	Angiosperm
Rare	<i>Persea macrantha</i>	Angiosperm
Rare	<i>Peucedanum dhana</i>	Angiosperm
Rare	<i>Phlebophyllum jeyporensis</i>	Angiosperm
Rare	<i>Pittosporum nepaulense</i>	Angiosperm
Rare	<i>Pimpinella bracteata</i>	Angiosperm
Rare	<i>Podostemon wallichii</i>	Angiosperm
Rare	<i>Polyalthia korint</i>	Angiosperm
Rare	<i>Polystachya flavescens</i>	Angiosperm
Rare	<i>Prunus gygeoides</i>	Angiosperm
Rare	<i>Psoralya corylifolia</i>	Angiosperm
Rare	<i>Psychotria adenophylla</i>	Angiosperm
Rare	<i>Psychotria fulva</i>	Angiosperm
Endemic	<i>Selaginella</i>	Fern & Fernallics
Endemic	<i>Equisetum</i>	Fern & Fernallics
Extinct	<i>Primotilices</i>	Fern & Fernallics
Extinct	<i>Moraffiales</i>	Fern & Fernallics
Endemic	<i>Bowenia lepdozamia</i>	Gymnosperm
Endemic	<i>Macrozamia</i>	Gymnosperm
Endemic	<i>Encephalartos</i>	Gymnosperm
Endemic	<i>Stangeria</i>	Gymnosperm
Rare	<i>Aralicassia</i>	Gymnosperm

Rare	<i>Garcinia cowa</i>	Angiosperm
Rare	<i>Homalium nepalense</i>	Angiosperm
Rare	<i>Hypericum gaitii</i>	Angiosperm
Rare	<i>Indigofera aspalathoides</i>	Angiosperm
Rare	<i>Indigofera wightii</i>	Angiosperm
Rare	<i>Fusticia nilgherrensis</i>	Angiosperm
Rare	<i>Carissa gangetica</i>	Angiosperm
Rare	<i>Knoxia linearis</i>	Angiosperm
Rare	<i>Leucas clarkei</i>	Angiosperm
Rare	<i>Lobelia terminalis</i>	Angiosperm
Rare	<i>Malaxis mackinnonii</i>	Angiosperm
Rare	<i>Maytenus bailadillana</i>	Angiosperm
Rare	<i>Maytenus rothiana</i>	Angiosperm
Endangered	<i>Ginkgobilola</i>	Gymnosperm
Extinct	Coniferales	Gymnosperm
Rare	Notothylas	Liverworts
Endemic	<i>Funneria</i>	Mosses
Endemic	<i>Polytrichum</i>	Mosses
Endemic	<i>Sphjnum</i>	Mosses
Endemic	<i>Andreaea</i>	Mosses
Endemic	<i>Chara grovesii</i>	Algae
Endemic	<i>Chara ruda</i>	Algae
Endemic	<i>Chara wallichic</i>	Algae
Endemic	<i>Chara pashanii</i>	Algae
Endemic	<i>Chara hundae</i>	Algae
Endemic	<i>Chara lutei</i>	Algae
Endemic	<i>Cladenia</i>	Lichens
Endemic	<i>Alectoria</i>	Lichens
Endemic	<i>Parmelia</i>	Lichens
Endemic	<i>Graphis</i>	Lichens
Endemic	<i>Calicium</i>	Lichens
Endemic	<i>Cyphelium</i>	Lichens
Endemic	Caloplancee	Lichens
Endemic	<i>Verrucaria</i>	Lichens
Endemic	<i>Riccia</i>	Liverworts
Endemic	Marchantic	Liverworts
Rare	<i>Takakia</i>	Angiosperm
Rare	<i>Olax acuminata</i>	Angiosperm
Rare	<i>Ophiorrhiza trichocarpos</i>	Angiosperm
Rare	<i>Oropetrum villosum</i>	Angiosperm
Rare	<i>Osbeckia rostrata</i>	Angiosperm
Rare	<i>Parabaena sagittata</i>	Angiosperm
Rare	<i>Paramignya griffithii</i>	Angiosperm

Rare	<i>Pavetta brevifolia</i>	Angiosperm
Rare	<i>Paperomia dindigulensis</i>	Angiosperm
Rare	<i>Andreaea</i>	Mosses
Rare	<i>Andreaea</i>	Mosses
Endemic	<i>Chara vardalurensis</i>	Algae
Endemic	<i>Saproleguia</i>	Fungai
Endemic	<i>Albugo</i>	Fungai
Endemic	<i>Saccharomyces</i>	Fungai
Endemic	<i>Aspergillus</i>	Fungai
Endemic	<i>Puccinia</i>	Fungai
Endemic	Slimemoulds	Fungai
Vulnerable	<i>Deutoromycetes</i>	Fungai

Source - The Flora of Orissa