

RAMNAGAR WILDLIFE SANCTUARY

The Ramnagar Wildlife Sanctuary is named after Ramnagar bridge the Maharaja of the state established in the area on a private Rakh. It is located in the catchment zone of Kar Nalla of the Tawi River, the topography of the area on the Eastern side is steep to precipitous with many clips and slopes. The Ramnagar Wildlife Sanctuary is located on the out skirts of Jammu city along the *NH-1A*. The area is surrounded by many villages and faces heavy biotic pressure. *With the promulgation of the J&K Wildlife Protection Act 1978, the area was declared as Wildlife sanctuary in 1987 vide Govt. order No. 136 dated 10/04/1990.*

Boundaries of the sanctuary

North:	KeranwaliRakh .
East :	River Tawi and Khanpur village.
South:	Jammu City .
West :	Settlement of Janipura and Shangan

Significance

The Ramnagar Wildlife Sanctuary is influence by South-West monsoon hence supporting scrub forest and sub-tropical Pine forest of the Group 9 (C1-Himalyan Northern Dry mix deciduous Forests) of the Champion and Seth classification. This sanctuary is known to in habitat species like Spotted Deer, Neelgai, Barking Deer, Jackal, Leopard and many avian species like Red Jungle fowl, Peafowl, Babblers, and Partridges. The common floral species are Bamboo, Shesham, Amaltas, Kachnar, Pippal, Palas.

Flora

The area is covered by dense mixed scrub forest with occasional Chir (*Pinus roxburghii*) trees. *Acacia modesta* predominates the area. Other common species are *Acacia catechu*, *Bombax ceiba*, *Cassia fistula*, *Acacia arabica*, *Dalbergia sissoo*, *Mallotusphillipinensis*, and *Grewiaoptiva* and few are as under:-

Botanical Name	Common Name
Acacia modesta	Phullai
Acacia arabica	Babul
Acacia catechu	Khair
Bauhinia purpurca	Khanwal
Albizzia labbeck	Siris
Bombax ceiba	Silk cotton tree
Caloropisprocera	Ak
Cassia fistula	Amaltas
Cascutareflexa	Dodder
Dalbergia sissoo	Shisham
Toonaciliata	Toon
Phyllanthus emblica	Amla
Grewiaoptwa	Dhamon
Dodonaeviscosa	Santha

Fauna

Sr. No.	Common Name	Scientific Name
1.	Nilgai	<i>Boselaphustragocamelus</i>
2.	Spotted Deer	<i>Axix axis</i>
3.	Barking Deer	<i>Muntiacusmuntejak</i>
4.	Rhesus Monkey	<i>Macaca mulatta</i>
5.	Jackal	<i>Canis aureus</i>
6.	Hare	<i>Lepus nigricollis</i>
7.	Porcupine	<i>Hystrixindica</i>
8.	Wild Boar	<i>Sus scrofa</i>
9.	Mongoose	<i>Herpestesedxardis</i>
10.	Leopard Cat	<i>Felisbengalensis</i>

Birds

Sr. No.	Common Name	Scientific Name
1.	Pariah kite	<i>Milvus migrans</i>
2.	Shikra	<i>Accipiter badus</i>
3.	Red Jungle fowl	<i>Gallus gallus</i>
4.	Blue Rock dove	<i>Columba livia</i>
5.	Koel	<i>Eudynamis scolopacea</i>
6.	House swift	<i>Apus affinis</i>
7.	Small Green Bee eater	<i>Merops orientalis</i>
8.	Common Swallow	<i>Hirundo rustica</i>
9.	Indian Myna	<i>Acridothera tristis</i>
10.	Jungle crow	<i>Corvus macrorhynchos</i>
11.	House sparrow	<i>Passer domesticus</i>
12.	Indian robin	<i>Saxicoloides fulicata</i>

NANDINI WILDLIFE SANCTUARY

The Nandini Wildlife Sanctuary is named after Nandini village. It was notified as sanctuary by J&K Government vide SRO.137 dt:10-4-1990.. The area is surrounded by many villages and faces heavy biotic pressure. The biomass resources of the sanctuary are shared by the native agro-pastoral communities.

The Nandini Wildlife Sanctuary encompasses an area of 32.24 Sq. km. The Nandini Wildlife Sanctuary is about 28 km away from Jammu. It falls in the district Jammu of Jammu province. The nearest town Jammu a district H.Q. The nearest Airport from the Nandini Wildlife Sanctuary at Jammu is 38 km away and the nearest Railhead at Jammu is 33 km away. The National Highway is passes through the sanctuary.

North-East: Ridges of Jindrah and Nandini villages and Jammu Srinagar Highway

South: River Tawi

South- West: Kalka Didharsara Nalla and Jammu Srinagar Highway

North- West: Range boundary.

Significance

The Nandini Wildlife Sanctuary is influence by South-West monsoon hence supporting scrub forest and sub-tropical Pine forest of the Group 9 (C1-Himalyan Northern Dry mix deciduous Forests, sub type 9/C-1a and 9/C-1b) of the Champion and Seth classification.

The sanctuary is known to in-habitat species like Goral, Barking Deer, Jackal, Leopard and many avian species like Red Jungle fowl, Peafowl, Babblers, and Partridges. The common floral species are Bamboo, Shesham, Amaltas, Kachnar, Pippal, Palas, chir.

Flora

The floral composition of the sanctuary is rich and diverse. The forests along the upper reaches of Nandni ridge comprise of Blue pine (*Pinus wallichiana*) constituting upper canopy. The lower hills are covered with broad-leaved species

like *Acacia catechu*, *Acacia modesta*, *Dalbergia sissoo*, *Bombex ceiba*, *Aegle mermelos*, *Zizyphusjuguba* constitute the middle canopy. The under story comprises of *Cassia fistula*, *Bauhenia* species etc with various grasses and herbs as ground cover.

Fauna

Leopard	<i>Panthera pardus</i>
Wild boar	<i>Sus scrofa</i>
Porcupine	<i>Hystrixindica</i>
Indian fox	<i>Vulpes bengalensius</i>
Hare	<i>Lepus nigricollis</i>
Goral	<i>Nomorhaedus goral</i>
Indian fox	<i>Vulpes bengalensius</i>
Hare	<i>Lepus nigricollis</i>

SUDHMAHDEV CONSERVATION RESERVE

The Sudhmahdev Conservation Reserve lies in the heart of Shivalik Range of the Himalayan Mountains and outer/lesser Himalayas (Southern flanks of the PirPanjal just adjacent to Shivalik). The conservation named after the Sudhmahdev Temple, it encompasses vast cliffy area of Dudu Range. This temple has Shiva Lingam which is very old and it is believed that it has been made during 17th century.

The area has been notified as conservation reserve by the Govt. Order No. FST-20 of 1981 dated : 04-02-81. The Sudhmahdev Conservation Reserve is spread over 145 km² areas. It covers an altitudinal range of 1225 m above sea level. The area is carved out of demarcated forests of Dudu and Marat, Forest ranges.

This Sudhmahdev Conservation Reserve is about 112 km from Jammu and about 60 km from Udhampur. The nearest town Chennani, Tehsil is 25 km. The nearest Airport from the Sudhmahdev Conservation Reserve at Jammu is 110 km away and the nearest Railhead at Jammu is 105 km away. The national highway NH1 is 25 kms away.

Boundaries

- North - Co. 46, 40, 38, 35, 32 and 28 of Forest Range.
- South - Co. 101, 104, 110, 2b, 18a, 10, 13 and 41 ab.
- East - Bhaderwah Division and Kailsash peak
- West - Co. 95, 96 of Dudu Range

The Sudhmahdev Conservation Reserve support scrub forest and sub-tropical Pine forest of the Group 9 (including Type 9/ C1-Himalyan Sub-Tropical Forests, Sub Type 9/C1a-Lower ShiwalikChir Pine. Sub Type 9/C1b, Group 10 sub tropical dry evergreen Forests and Group 12 Himalaiyan Moist Temperate Forest) of the Champion and Seth classification.

The Conservation Reserve is known to inhabitant species like Black Bear, Goral, Musk Deer, Jackal, Leopard, Jungle cat, Small Indian Mongoose, Indian Hear, Northern Palm Squirrel and many avian species like Red Jungle fowl, Peafowl,

Babblers, Indian shikra, Indian Magpie Robin, Indian Long billed vulture. The flora consists of Deodar, Chir and Oak species.

Flora

The flora comprises of Deodar, Kail fur and quorum species. In deed shady nallahs broad leaved species like walmit, Aesculu, Prunus and Auer species are found, shrubs include Vibarnum and Berberus species.

The broad leaved species are also confined to the sides of nallahs and coller, damp sides for occur in pure patches at places and mixed with deodar and kail crop on moist pockets.

Fauna

Mammals	Scientific Name
Leopard	Panther pardes
Himalayan Black bear	Ursusarctosisabellina
Himalayan Goral	Nemorheadus goral
Musk deer	Moschus moschiferus
Small Indian Mongoose	Herpestesauropunctatus
Jungle cat	Felieschaus
Jackal	Canis aureus
Indian Porcupine	Hystrixindica
Fox	Vulpes vulpes

Birds

Monal pheasant	Lophophorusimpejana
Indian Shikra	Accipiter badius
Spotted owlet	Athene brama
Blue rock pigeon	Columbalivia intermedia
Red jungle fowl	Gallus gallus
Indian long billed vulture	Gyps indicus
White breasted Kingfisher	Halcyon smyrnensis
Spotted dove	Streptopeliachinensis

Common babbler	Turdoidescaudatus
Hoopoe	Upupa epops

GHARANA WETLAND CONSERVATION RESERVE

The Gharana Wetland Conservation Reserve treated as Wetland Conservation Reserve from the commencement of Jammu and Kashmir Wildlife Protection Act 1978 (amended up to 2002) under section 36 (1) of the said Act.

The Gharana Wetland Conservation Reserve is under the control and management of the Department of Wildlife Protection, Jammu and Kashmir Government and comes under the purview of the Jammu and Kashmir Wildlife Protection Act. Gharana Wetland Conservation Reserve is located in Jammu region of the state at a small village on Indo-Pak Border near R.S.Pura Town at a distance of about 35 kms from Jammu city. The area is well connected to road network and is located 25 kms away from the airport. An area of 0.75 kms of marshy land has been notified as Wetland Conservation Reserve. The altitude of the area is 350 M above MSL.). The Gharana Wetland Conservation Reserve supports a population of 20000 to 25000 of birds of different species during every winter most of the species

being migratory, endangered and covered under different schedules of the Act. This Reserve has also been declared as Important Bird Area (IBA).

Gharana wetland conservation reserve is rich in avian fauna. It is estimated that about 20,000 migratory as well as native birds overwinter at Gharana.

Some important species are.

S. No	Common Name	Scientific Name
1	Little Grebe	Tachybaptusruficollis
2	Great Comorant	Phalacrocorax carbo
3	Little Cormorant	Phalacrocorax
4	Grey Heron	Ardeacinerea
5	Purple Heron	Ardeapurpurea
6	Indian Pond Heron	Ardeolagrarii
7	Cattle Egret	Bubulcus ibis
8	Common Kingfisher	Alcedoatthis
9	Asian Koel	Eudynamysscolopacea
10	Black Crowned Night Heron	Nycticoraxnycticorax
11	Black Stork	Ciconia nigra
12	Black -necked stork	Ephippiorhynchusasiaticus
13	Bar-headed Goose	Anser indicus
14	Lesser Whistling Duck	Dendrocygnajavanica
15	Ruddy Shelduck	Tadornaferruginea
16	Northern Pintail	Anas acuta
17	Common Teal	Anas crecca
18	Gadwal	Anas strepera
19	Northern Shoveler	Anas clypeata
20	Black-Shouldered Kite	Elanus caeruleus
21	Common Moorhen	Gallinulachloropus
22	Common coot	Fulicaatra
23	House Sparrow	Passer domesticus
24	Common Sandpiper	Actitishypoleucos
25	Pariah Kite	Milvus migrans
13	Bar-headed Goose	Anser indicus

