

Technology Missions

6907. SHRI ANBARASU ERA:
SHRI MANORANJAN
BHAKTA:

Will the PRIME MINISTER be pleased to state:

(a) whether launching of Several Technology Missions is under active consideration of the Union Government;

(b) if so, the broad features thereof; and

(c) the likely expenditure to be incurred on these Missions?

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINISTER OF STATE IN THE MINISTRY OF PROGRAMME IMPLEMENTATION (SHRI BHAGEY GOBARDHAN): (a) No, Sir.

(b) and (c). Do not arise.

[*Translation*]

Endangered Wildlife Species in Uttar Pradesh

6908. SHRI SHEO SHARAN VERMA:
Will the PRIME MINISTER be pleased to state:

(a) the names of wildlife species in Uttar Pradesh and the species among them which are on the verge of extinction;

(b) the steps taken by Government for

the protection of these species; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRIMATI MANEKA GANDHI): (a) Important species of mammals, birds and reptiles found in Uttar Pradesh are given below in statement-I. Comprehensive list of lower vertebrates, invertebrates and plants found in Uttar Pradesh is not available. No species of wild animals or plants in Uttar Pradesh is on the verge of extinction. However the list of animals and plants included in the endangered list of I.U.C.N. is given below in statement-II.

(b) and (c) Steps taken by Government for protection of these species include:

- i) A network of national parks and sanctuaries has been set up. List is given below in statement-III.
- ii) Hunting and wildlife trade of endangered species and their products has been banned.
- iii) Gharials reared in captivity and released in suitable habitats.
- iv) Dudhwa and Corbett national parks have been declared as Tiger reserves under the project Tiger.
- v) Special programme for Conservation of snow leopard under taken in hills of Uttar Pradesh.

STATEMENT—I

List of Important Species of Wildlife Found in Uttar Pradesh

S.No.	Name of Species	Scientific name
1	2	3

Mammals

1	Bharal or Blue Sheep	Pseudois nayaur
2	Black Buck	Antelope cervicapra
3	Barking Deer	Muntiacus muntjak
4	Brown Rat	Rattus norvegicus
5	Caracal	Felis caracal
6.	Common Langur	Presbytis entellus
7.	Chital	Axis axis
8.	Common Yellow Pit	Scotophilus heathii

S.No.	Name of Species	Scientific name
1	2	3
9.	Common Palm Civet or Toddy Cat	Paradoxurus hermaphroditus
10.	Common Fox	Vulpes bengalensis
11.	Fishing Cat	Felis viverrina
12.	Fourhorned Antelope	Tetracerus quadricornis
13.	Five Striped Palm Squirrel	Funambulus pennanti
14	Flying Fox	Pteropus giganteus
15	Gangetic Dolphin	Platanista gangetica
16	Goral	Nemoriahaedus goral
17.	Great Eastern Horseshoe Bat	Nemothaedus hodgsoni
18.	Great Himalayan Leafnosed Bat	Rhinolophus luctus
		Hipposideros armiger

S.No.	Name of Species	Scientific name
1	2	3
19.	Indian Hare	Lepus nigricollis
20.	Himalayan Black Bear	Selenarctos thibetanus
21.	Himalayan Brown Bear	Ursus arctos
22.	Himalayan Ibex	Capra ibex
23.	Himalayan Palm Civet	Paguma larvata
24.	Himalayan Thar	Hemifragus jemlahicus
25.	Himalayan Yellowthroated Marten	Martes flavigula
26.	Hispid Hare	Caprolagus hispidus
27.	Hog Badger	Arctonyx collaris
28.	Hedgehog	Hemiechinus auritus
29.	Hog Deer	Axis porcinus

S.No	Name of Species	Scientific name
1	2	3
30.	Hyaena	Hyaena hyaena
31	Indian Elephant	Elephas maximus
32.	Indian False Vampire	Megaderma lyra
33.	Indian Gazelle	Gazella Gazella
34	Musk Deer	Moschus moschiferus
35	Indian Mole-rat	Blanfordia bengalensis
36	Indian Pangolin	Manis asiatica
37.	Indian Porcupine	Hystrix indica
38	Indian Wild Dog	Cuon alpinus
39	Indian Wolf	Canis lupus pallipes
40	Jackal	Canis aureus

S.No.	Name of Species	Scientific name
1	2	3
41.	Jungle Cat	Felis chaus
42.	Leopard or Panther	Panthera pardus
43.	Leopard Cat	Felis bengalensis
44.	Long-haired Mouse	Mus tyoteni
45.	Common Mongoose	Herpestes edwardsi
46.	Markhor	Capra falconeri
47.	Musk Deer	Moschus moschiferus
48.	Nilgai	Boselaphus tragocamelus
49.	Smooth Indian Otter	Lutra perspicillata Perspicillat
50.	Ovis Ammon or Nayan	Ovis ammon hodgsoni
51.	Ratel	Mellivora capensis

S.No.	Name of Species	Scientific name
1	2	3
52	Red Fox	Vulpes vulpes
53	Red Flying Squirrel	Petaurista petaurista albiventer
54	Rhesus Monkey	Macaca mulatta
55	Sambar deer	Cervus unicolor
56	Serow	Capricornis sumatraensis
57	Sloth Bear	Melursus ursinus
58	Small Indian Civet	Viverricula indica
59.	Small Indian Mongoose	Herpestes auropunctatus
60	Snow Leopard	Panthera uncia
61	Spotted Linsang	Prionodon pardicolor
62.	Swamp Deer	Cervus duvauceli duvauceli

S.No.	Name of Species	Scientific name
1	2	3
63.	Tiger	<i>Panthera tigris</i>
64.	Tibetan Gazelle	<i>Procapra picticaudata</i>
65.	Urrial or Shapu	<i>Ovis orientalis</i>
66.	Indian wild boar	<i>Sus scrofa</i>
Birds		
1.	Cheer Pheasant	<i>Catreus wallichii</i>
2	Himalayan Monal Pheasant	<i>Lophophorus impejanus</i>
3	Kalej Pheasant	<i>Lophura leucomelana</i>
4.	Koklass Pheasant	<i>Pucrasia macrolopha</i>
5.	Indian Peafowl	<i>Pavo cristatus</i>
6.	Western Tragopan	<i>Tragopan melanocephalus</i>

S.No.	Name of Species	Scientific name
1	2	3
7.	Snow Partridge	Lerwa lerwa
8.	Painted Partridge	Francolinus pictus
9	Black Partridge	Francolinus francolinus
10.	Grey Partridge	Francolinus pondicerianus
11	Painted Sandgrouse	Pterocles indicus
12	Common Sandgrouse	Pterocles exustus
13.	Common or Grey Quail	Corturnix corturnix
14.	Jungle Bush Quail	Corturnix corturnix
15	Grey Junglefowl	Gallus sonneratti
16.	Red Junglefowl	Gallus gallus
17.	Laggar Falcon	Falco biarmicus

S.No.	Name of Species	Scientific name
1	2	3
18.	Blackwinged Kite	Elanus caeruleus
19.	Common Pariah kite	Milvus migrans
20.	Brahminy Pariah Kite	Haliastur indus
21.	Crested Hawk Eagle	Spizaetus cirrhatus
22.	Serpent Eagle	Spilornis cheela
23.	Tawny Eagle	Aquila rapax
24.	Shahin Falcon	Falco peregrinus
25.	Kestrel	Falco tinnunculus
26.	King Vulture	Sarcogyps calvus
27.	Whitebacked Vulture	Gyps bengalensis
28.	White scavenger Vulture	Neophron percnopterus

S.No.	Name of Species	Scientific name
1	2	3
29	Indian Great Horn Owl	Bubo bubo
30	Common Nightjar	Caprimulgus asiaticus
31	Sarus crane	Grus antigone
32	Demoiselle Crane	Anthropoides virgo
33	Blacknecked Stork	Ephippiorhynchus asiaticus
34	Painted Stork	Mycteria leucoccephala
35	White Stork	Ciconia ciconia
36	Whitenecked Stork	Ciconia episcopus
37	Adjutant Stork	Leptoptilos dubius
38	Barheaded Goose	Anser indicus
39	Cotton Teal	Nettion coromandelianus

S.No.	Name of Species	Scientific name
1	2	3
40.	Comb duck	Sarkidiornis melanotos
41.	Spotbill	Anas poecilorhyncha
42.	Black Ibis	Pseudibis papillosa
43.	White Ibis	Threskiornis acthiopica
44.	Shoveller	Anas clypeata
45	White eyed Pochard	Aythya nyroca
46	Dabchick	Podiceps ruficollis
47.	Brahminy Duck	Tadorna ferruginea
48.	Pintail	Anas acuta
49.	Common Teal	Anas crecca
50.	Mallard	Anas platyrhynchos

S.No.	Name of Species	Scientific name
1	2	3
51.	Little Cormorant	Phalacrocoax niger
52.	Darter	Anhinga rufa
53.	Spoonbill	Platalea leucorodia
54.	Little Egret	Egretta garzetta
55.	Grey Heron	Ardea cinerea
56.	Cattle Egret	Bubulcus ibis
57.	Little Green Bittern	Butorides straitus
58.	Pond heron	Ardeola grayii
59.	Night Heron	Nycticorax nycticorax
60.	Chestnut Bittern	Ixobrychus cinnamomeus
61.	Moorhen	Gallinula chloropus

S.No.	Name of Species	Scientific name
1	2	3
62.	Purple Moorhen	Porphyrio porphyrio
63.	Coot	Fulica atra
64.	Painted snipe	Rostratula benghalensis
65.	Hill Myna	Gracula religiosa
66.	Indian Myna	Acridotheres tristis
67.	Brahminy Myna	Sturnus pagodarum
68.	Bank Myna	Acridotheres ginningianus
69.	Blossomheaded Parakeet	Psittacula cyanocephala
70.	Roseringed Parakeet	Psittacula krameri
71.	Alexandrine Parakeet	Psittacula eupatria
72	Koel	Eudynamis scolopacea

S.No.	Name of Species	Scientific name
1	2	3
73.	Pheasant tailed Jacana	Hydrophasianus chirurgus
74.	Bronzewinged Jacana	Meto[idi]us indicus
75.	Little ringed Plover	Charadrius dubius
76.	Avocet	Reicurivirostra avosetta
77.	Blackwinged Stilt	Himantopus himantopus
78.	Curlew	Numenius arquata
79	Common Sandpiper	Tringa hypoleucos
80.	Stone Curlew	Burhinus oedicephalus
81.	River Tern	Sterna aurantia
82.	Blue Rock Pigeon	Columba livia
83.	Common Green Pigeon	Treron phoenicoptera

S.No.	Name of Species	Scientific name
1	2	3
84.	Emerald or Bronzewinged Dove	Chalcophaps indica
85.	Spotted Dove	Streptopelia Chinensis
86.	Red Turtle Dove	Streptopelia tranquebarica
87.	Ring Dove	Streptopelia decaccto
88.	Little Brown Dove	Streptopelia senegalensis
89	Crow-Pheasant	Centropus sincensis
90.	Pied Crested Cuckoo	Clamator jacobinus
91.	Crimsonbreasted Barbet	Megalaima haemacephala
92.	Bluethroated Barbel	Megalaima asiatica
93.	Blue Jay	Coracias benghalensis
94.	Small Green Bee-eater	Merops orientalis

S.No.	Name of Species	Scientific name
1	2	3
95.	Pied Kingfisher	<i>Ceryle rudis</i>
96.	King crow	<i>Dicrurus adsimilis</i>
97.	Flacker-tailed Drongo	<i>Dicrurus paradiseus</i>
98.	Golden Oriole	<i>Oriolus oriolus</i>
99.	Jungle crow	<i>Corvus megarhynchos</i>
100.	House crow	<i>Corvus splendens</i>
101.	Green Bulbul	<i>Chloropsis aurifrons</i>
102.	Redvented Bulbul	<i>Pycnonotus cafer</i>
103.	Red Munia	<i>Estrilda amandava</i>
104.	Spotted Munia	<i>Lonchura punctulata</i>
105.	Black-headed Munia	<i>Lonchura malacca</i>

S.No.	Name of Species	Scientific name
1	2	3
106.	House Sparrow	Passor domesticus
107.	Yellow-throated Sparrow	Petronia xanthocollis
Reptiles		
1.	Mugger	Crocodylus palustris
2.	Gharial	Gavialis gangeticus
3.	Dhoor	Kachuga dhongoka
4.	Indo-Gangetic Mud or Flap shell Turtle	Lissemys punctata
5.	Chitra Turtle	Chitra indica
6.	Ganges soft shell Turtle	Trionyx gangeticus
7.	House Gecko	Hemidactylus flaviviridis
8.	Brooks Gecko	Hemidactylus brookii

S.No.	Name of Species	Scientific name
1	2	3
9.	Banded Gecko	Cyrtodactylus lawderanus
10.	Banded Gecko	Cyrtodactylus stoliczkai
11.	Fanthroated Lizard	Sitana Ponticeriana
12.	Spiny tailed Lizard	Uromastyx hardwickii
13.	Indian Chameleon	Chameleon zeylanicus
14	Sand fish skink	Leiolopisma himalayanum
15.	Monitor Lizard	Varanus griseus
16.	Monitor Lizard	Varanus flavascens
17.	Monitor Lizard	Varanus bengalensis
18.	Indian Python	Python molurus
19.	Dhaman	Ptyas mucosus

S.No.	Name of Species	Scientific name
1	2	3
20.	Diadem snake	Spalerosophis diadema
21.	Common Kukri-snake	Oligodon arnensis
22.	cheekered keelback	Xenochrophis piscator
23.	Common Indian Krait	Bungarus caeruleus
24.	Indian Cobra	Naja Naja
25.	Russell's Viper	Vipero russelli
26.	Saw-scale Viper	Echis carinatus.

STATEMENT-II

List of Animals and Plants of Uttar Pradesh that are included in the Endangered List of I.U.C.N.

A. MAMMALS

- | | |
|-------------------|------------------|
| 1. Tiger | Panthera tigris |
| 2. Snow leopard | Panthera uncia |
| 3. Asian Elephant | Elephas Maximus |
| 4. Swamp deer | Cervus duvauceli |

B BIRDS

- | | |
|---------------------|-------------------------|
| 1. Western Tragopan | Tragopan melanocephalus |
| 2. Cheer pheasant | Catreus Wallichis |

C. REPTILES

- | | |
|------------|---------------------|
| 1. Gharial | Gavialis Gangeticus |
|------------|---------------------|

D. PLANTS

1. Acer oblongum var membranaceum.
 2. Arenaria Curvifolia
 3. Arenaria Ferruginea
 4. Berberis lambeertii
 5. Calanthe Pachystalix
 6. Didiciea cunninghamii
 7. Flichingeria hesperis
 8. Lactuca filicina
 9. Saussurea Costus
 10. Sellaginella adunca
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STATEMENT-III*List of National Parks and Sanctuaries in Uttar Pradesh*

<i>Sl. No.</i>	<i>Name</i>	<i>District</i>
<i>1</i>	<i>2</i>	<i>3</i>

NATIONAL PARKS

1.	Corbett (Tiger Reserve)	Garwal Nainital
2.	Dudhwa (Tiger Reserve)	Lakhimpur-Kheri
3.	Gangotri	Uttar Kashi
4.	Nanda Devi	Chamoli
5.	Valley of Flowers	Chamoli
6.	Rajaji	Pauri-Garwal Dehradun and Saharanpur.

SANCTUARIES

1.	Askot	Pithoragarh
2.	Binsar	Almora
3.	Chandra Prabha	Varansi
4.	Govind Pashu Vihar	Uttarkashi
5.	Hastinapur	Meerut
6.	Kaimpur	Mirzapur
7.	Katerniaghat	Bahraich
8.	Kedarnath	Chamoil
9.	Kishanpur	Lakhimpur-Kheri
10.	Mahavir Swami	Lalitpur
11.	National Chambal	Etawah and Agra

1	2	3
12.	Nawabganj	Unnao
13.	Ranipur	Banda
14.	Samaspur	Rae Bareli
15.	Sonnadi	Garhwal

Assistance to Uttar Pradesh

6909. SHRISHEO SHARAN VERMA: Will the MINISTER OF ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Union Government had provided financial assistance for afforestation in Uttar Pradesh:

(b) if so, the details of the area covered thereunder; and

(c) the details of various types of trees planted under the scheme sponsored by Government during the last three years?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRIMATI MANEKA GANDHI): (a) and (b). Afforestation/Tree Planting activities are carried out under various Central/State Plan Schemes. The total area covered in Uttar Pradesh under afforestation activities year-wise during Seventh Five Year Plan is given below:

1985-86	1986-87	1987-88	1988-89	1989-90
(In lakh ha.)				
1.77	2.43	2.21	2.72	2.75

(c) The main species planted under different schemes include Sheesham, Arjan, Babul, Prosopis, Kanji, Black Siris, Eucalyptus, Subabul, Bamboo, Neem, Teak, etc.

the MINISTER OF ENVIRONMENT AND FORESTS be pleased to state:

(a) the percentage of area under forest cover in the country; and

(b) the State-wise details of area under forests at the present?

[English]

Forest Cover

6910. SHRI KANSHI RAM RANA: Will

THE MINISTER OF STATE IN THE