

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 4508
TO BE ANSWERED ON 19.07.2019

Extinction of Plants and Animals

4508. SHRI GANESH SINGH:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state

- (a) whether old species of plants and wild animals are gradually becoming extinct from the forests of the country and if so, the reasons therefor;
- (b) the details of bio-diversity parks set up in the country, State/UT-wise including Madhya Pradesh;
- (c) whether rare species of plants and wild animals are found at National Forest located near Satna city in Madhya Pradesh;
- (d) if so, whether there is any proposal to set up a bio-diversity park for the conservation of such rare species; and
- (e) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

- (a) As per the information received from the Zoological Survey of India (ZSI), the Pink Headed Duck (*Rhodonessa caryophyllaceai*), is feared extinct since 1950'; the Himalayan Quail (*Ophrysia supercilios*) was last reported in 1876 and is feared extinct; and amongst mammals, Cheetah (*Acionyx jubatus*) has become extinct since the 1940's and the Sumatran Rhinoceros (*Dicerorhinus sumatrensis*) is considered extinct from India.

As informed by the Botanical Survey of India (BSI), following 18 species of plants are considered as possibly extinct as they have not been collected from wild for more than last fifty years:

1. *Isoetes dixitii*
2. *Isoetes samphkumarnii*
3. *Selaginella cataractarum*
4. *Lasteropsis wattii*
5. *Ophiorrhiza brunonis*
6. *Ophiorrhiza caudate*
7. *Ophiorrhiza radicans*
8. *Wenlandia angustifolia*

9. *Sterculia khasiana*
10. *Carex repanda*
11. *Eragrostis rottleri*
12. *Eriochrysis rangacharii*
13. *Dipcadi concanense*
14. *Dipcadi reidii*
15. *Urginea polyphylla*
16. *Corypha taliera*
17. *Hedychium marinaturm*
18. *Inula kalapani*

Natural factors like competition, predation, natural selection, and human induces factors like hunting, habitat degradation, etc. are some of the important factors that lead to extinction of plants and animals from wild.

- (b) Biodiversity Parks are set up by the State Governments. State-wise details of biodiversity parks in the country are not maintained in the Ministry. However, as per information received from the Botanical Survey of India (BSI), the details of Biodiversity Parks set up in the country, including Madhya Pradesh, is at **Annexure**.
- (c) to (e) As informed by the State of Madhya Pradesh, rare *Bryophytes* and *Pteridophytes* are found in Naro Hills located in Satna District of Madhya Pradesh. The State of Madhya Pradesh has also informed that at present, there is no proposal to set up a Biodiversity Park at Satna, however, as per the provisions of Section 37 of the Biological Diversity Act, 2002, preliminary notification of Naro Hills under Satna Forest Division as 'Biodiversity Heritage Site' has been issued on 22.12.2018.

Annexure

Annexure Referred to in reply to part (b) of the Lok Sabha Unstarred Question No. 4508 raised by Shri Ganesh Singh due for reply on 19.07.2019

Details of Biodiversity Parks set up in the country

S.No	State	Name of Biodiversity Park
1	Andhra Pradesh	AP Biodiversity Park, Vizag
2	Bihar	Biodiversity Park, Kusiargaon, Araria District, Bihar
3	Chhattisgarh	Nandanvan Biodiversity Park, Raipur
4	Delhi	Yamuna Biodiversity Park, Wazirabad; Tuglakabad Biodiversity Park
5	Gujarat	Biodiversity Park, Mithapur
6	Haryana	Aravali Biodiversity Park
7	Jharkhand	Biodiversity Park, Ranchi
8	Karnataka	Hennur Lake Biodiversity Park, Bangalore Bamboo Biodiversity Park, Nagawala Biodiversity Park in Madivala lake System
9	Kerala	Vanaparvam Biodiversity Park, Kakavyal GCK Biodiversity Park, Kozhikode
10	Madhya Pradesh	Biodiversity Park, Bhatlo, District Rewa Biodiversity Park Rajghat, District Sagar Biodiversity Park, Hamukhedi, District Ujjain Biodiversity Park, Ujjain, District Ujjain Biodiversity Park, Shahdol, District Shahdol Biodiversity Park, Indore, District Indore Biodiversity Park, Devas, District Devas Biodiversity Conservation Project, Devas, District Devas Biodiversity Park, Burhanpur, District Burhanpur Biodiversity Park, Hoshangabad, District Hoshangabad Biodiversity Park, Amarkantak, District Anuppur
11	Maharashtra	Baner Pashan Biodiversity Park, Pune
12	Manipur	Chingarel Hill Biodiversity Park, Waiton, Manipur
13	Odisha	CEMDE-SAIL Biodiversity Park
14	Rajasthan	Biodiversity Park, Alwar Biodiversity Park, Kotputli Biodiversity Park, Chirwa
15	Sikkim	Tendong State Biodiversity Park, Namchi, Sikkim
16	West Bengal	Banabidan Biodiversity Park, Salt Lake City, Kolkata
