



Lesson 3.19H
Captive Breeding in
India

By Abhyudaya Kelkar

Nandankanan

- Located in Shaheed Nagar near Bhubaneswar
- Opened in 1979
- First zoo in India to become the institutional member of WAZA in 2009
- Spread over 4 sq.kms.
- More than 150 species
- Also has a wildlife rescue and rehabilitation centre

Nandankanan

- Gharials first bred in captivity in the world at Nandankakan in 1980
- Captive breeding of Asian water monitor lizard,
- Pangolin breeding centre, the only such facility in the world
- Recently, the captive breeding of critically endangered vultures of India has also begun.
- Frequent exchanges with Chennai Zoo

Nandankanan

- The zoo has successfully bred normal tiger, white tiger and the melanistic tiger (in the background)
- The zoo hit news in 2000 when more than a dozen tigers died in quick succession, due to *Trypanosomiasis*, a disease caused by *Trypanosoma evansi* parasite, transmitted by biting flies.

National Zoo, New Delhi

- Opened in 1959
- Spread over 0.71 sq.km.
- About 130 species
- Institutional member of WAZA
- Participates in captive breeding of Barasingha, Sangai, Asian Lion, Bengal Tiger, Indian rhino, Red Jungle Fowl

Van Vihar National Park, Bhopal

- Declared NP in 1979
- Spread over 4.48 sq.kms.
- Medium sized zoo
- Wildlife rescue and rehabilitation centre
- Under the instructions of CZA
- Breeding centres of :
 - Vultures (Kerwa Centre)
 - Barasingha
 - Gharial

Pheasant Breeding Centre in HP

➤ 13 of the 17 bird species in CZA's endangered species list are from 'Galliformes'.

1. Western Tragopan
 2. Blyth's Tragopan
 3. Hume's Pheasant
 4. Temminck's Tragopan
 5. Himalayan Monal
 6. Sclater's Monal
 7. Cheer Pheasant
 8. Satyr Tragopan
 9. Grey Peacock-pheasant
 10. Tibetan Eared Pheasant
 11. Blood Pheasant
 12. Grey Jungle Fowl
 13. Red Jungle Fowl
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- A Himalayan Monal pheasant is shown in profile, facing left. It has a distinctive red face and neck, a black crest, and a body covered in dark, iridescent feathers. Its legs are a bright red color. The bird is standing on a rocky, grassy ground with a blurred natural background.

Pheasant Breeding Centre in HP

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- **Himalayan Nature Park/ Kufri Zoo, Shimla**
 - **Khadiyun – Chail Pheasantry, Shimla Distt.**
 - **Sarahan Pheasantry, Shimla Distt., near Daranghati WLS**
 - **Gopalpur Zoo – Kangra Distt.**

Pheasant Breeding Centres in Haryana

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- Morni Hill Pheasant Breeding Centre, Panchkula Distt., near Chandigarh
 - Berwala Sanctuary Pheasant Breeding Centre, near Panchkula, Chandigarh's suburb in Panchkula Distt.
 - Apart from the CZA list, Khalij pheasant is also bred in both the centres

Other Breeding Centre in Haryana

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- Chinkara Breeding Centre, Kairu, Bhiwani Distt.
 - Crocodile Breeding Centre, Bhaur Saidan, Kurukshetra Distt.
 - Black Buck Breeding Centre, Pipli Mini Zoo, Kurukshetra Distt.
 - Bhonsdi Sparrow breeding centre, Gurgaon Distt.
 - Peacock Breeding Centre, Jhabua, Rewari Distt.
 - Chinkara Breeding Centre, Jhabua, Rewari Distt.

Muta, near Ranchi

- Crocodile Breeding Farm
- Vulture Breeding Centre (New)





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