



SNS COLLEGE OF TECHNOLOGY

Vazhiampalayam, Coimbatore-35

(An Autonomous institution)

Accredited by **NBA-AICTE** and Re-Accredited by **NAAC-UGC with A+ Grade**

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DEPARTMENT OF CHEMISTRY

**COURSE NAME : 23CHT103- ENVIRONMENTAL SCIENCE AND
SUSTAINABILITY**

I YEAR / I SEMESTER

UNIT : 1. ENVIRONMENT AND BIODIVERSITY

TOPIC : 5. ENDANGERED & ENDEMIC SPECIES

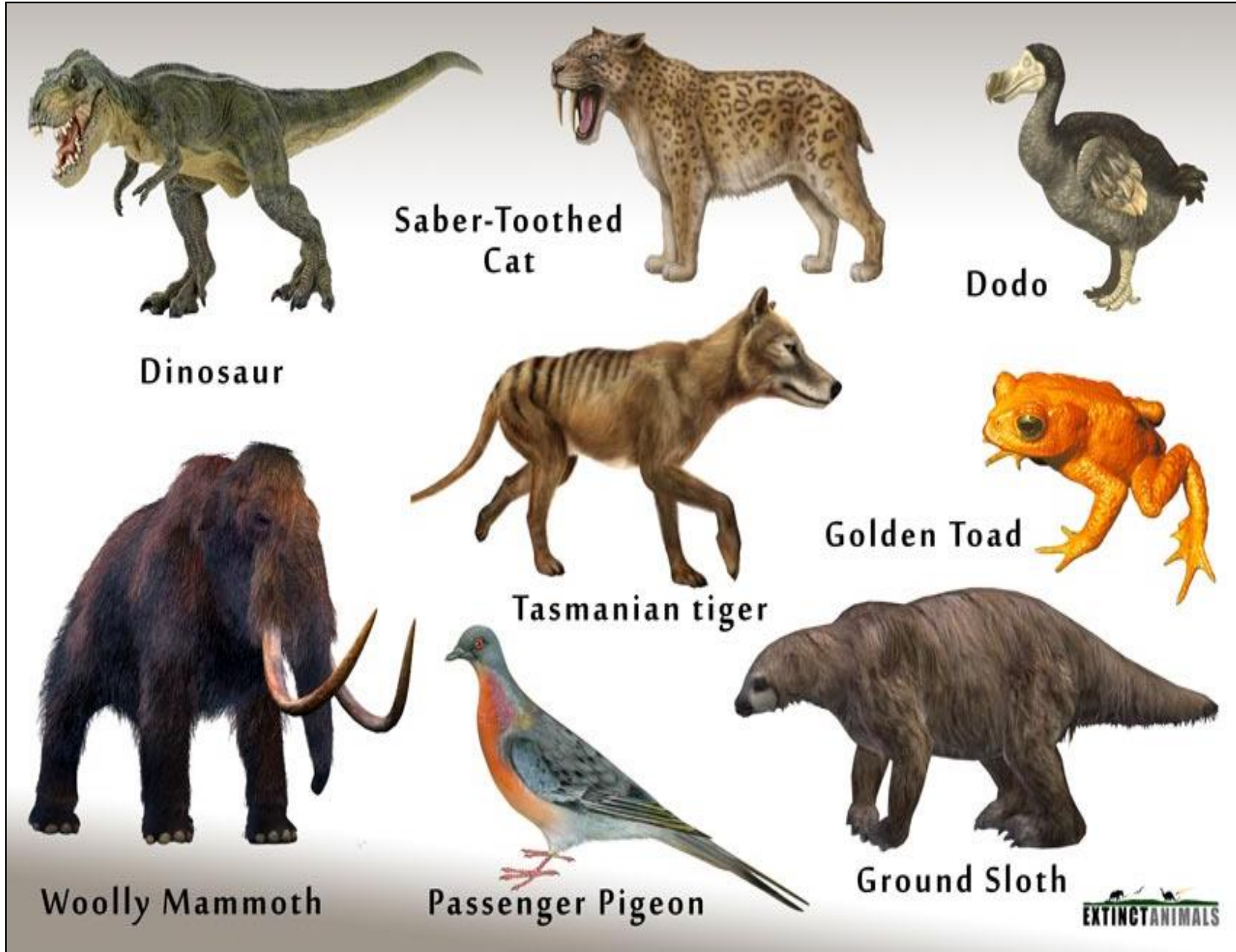
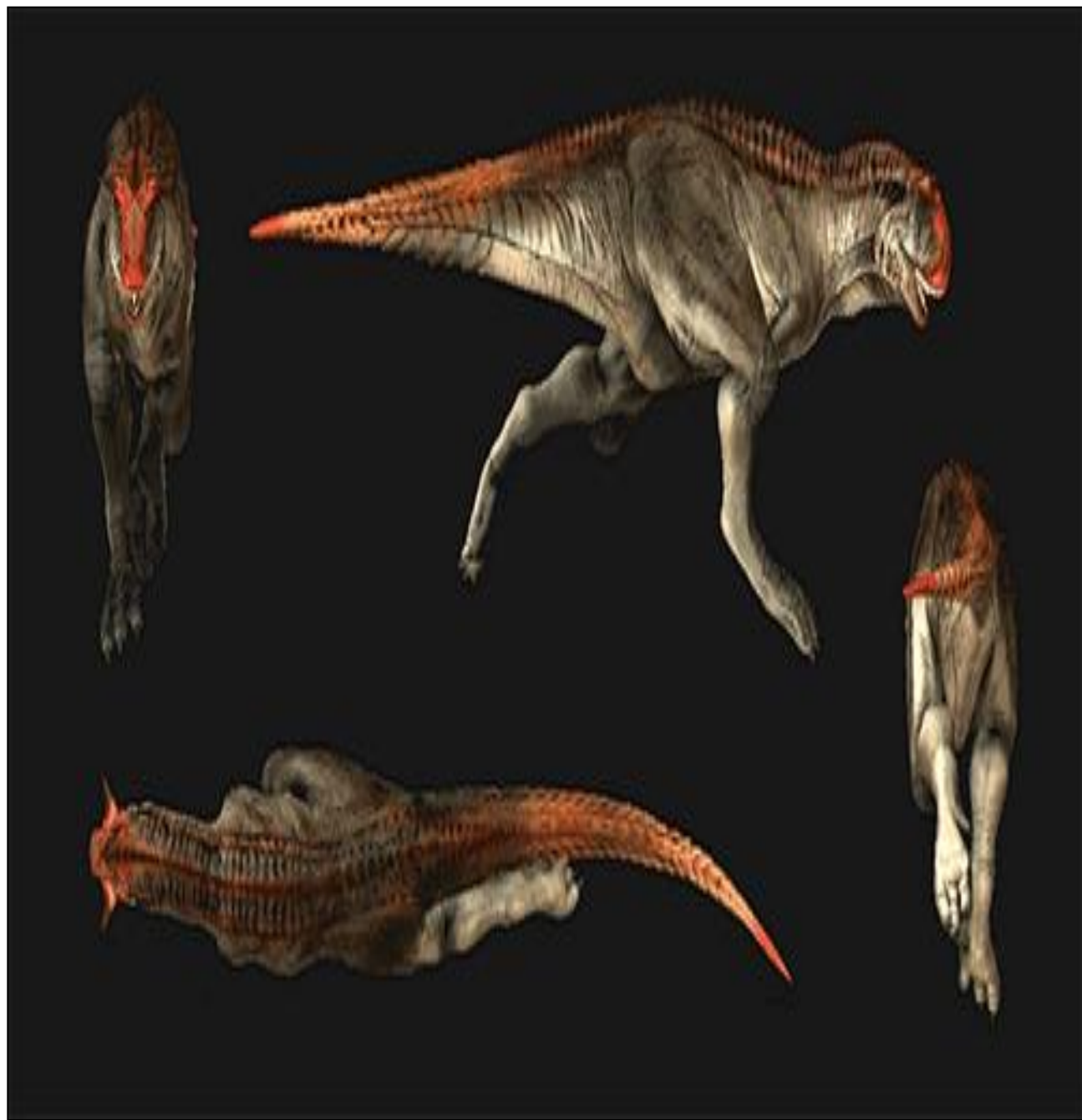


BRAINSTORMING WITH RECAP



1.EXTINCT SPECIES

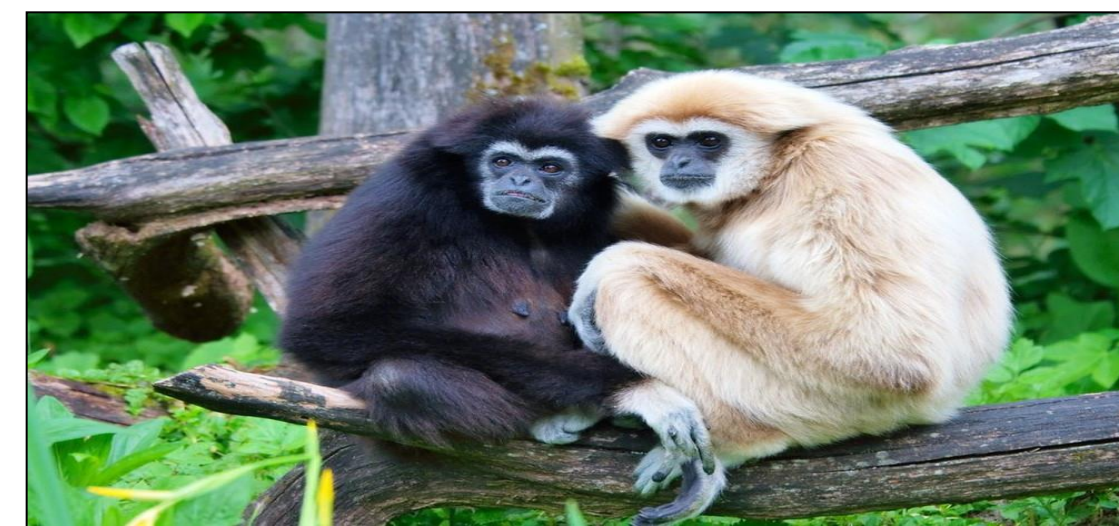
Species is said to be extinct when it is no longer to be found in the world.





2. ENDANGERED SPECIES

- Species is said to be Endangered when its number has been reduced to a critical level. Unless it is protected & conserve, it is in immediate danger of extinction
- In India, 70 plants, 100 mammals, 150 birds, 50 reptiles, 70 insects etc are endangered now





3.VULNERABLE SPECIES

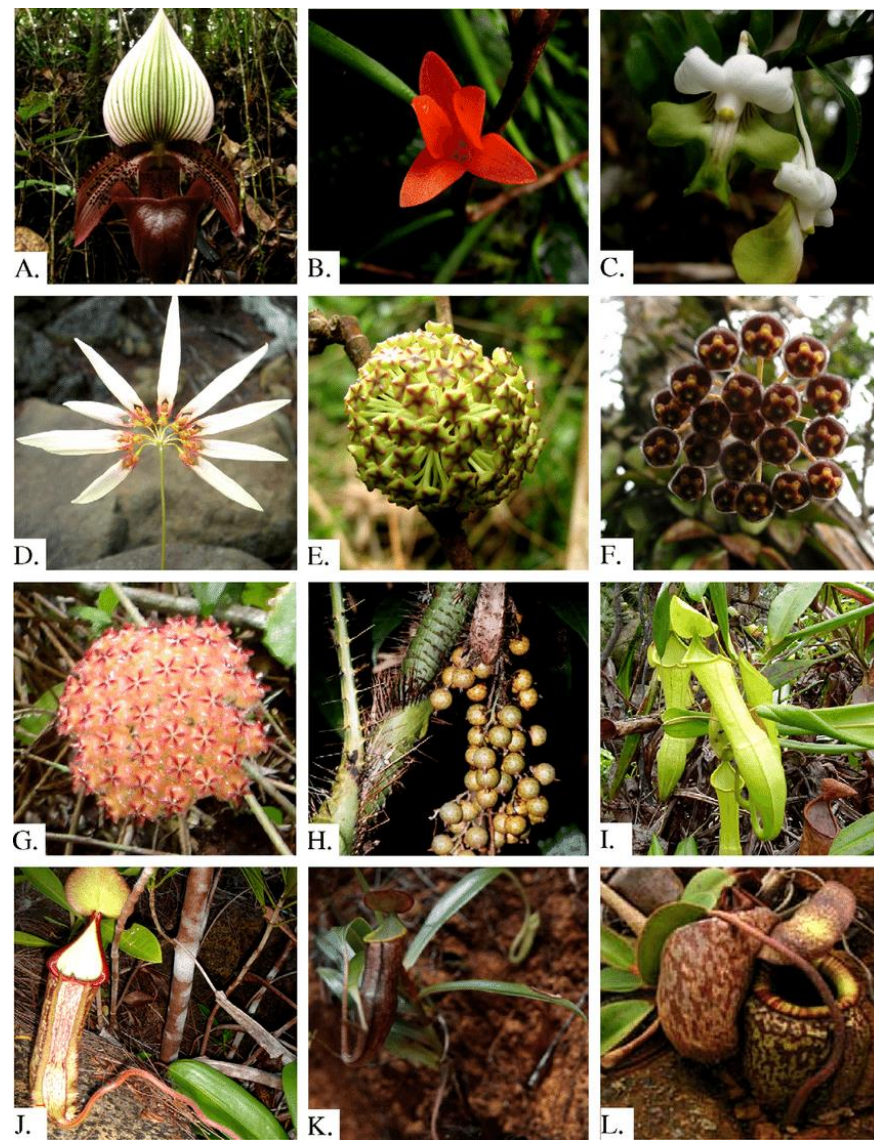
- Species is said to be vulnerable when its population is facing continuous decline due to habitat destruction or over exploitation. These species still abundant





4. RARE SPECIES

- Species is said to be rare when it is localized within restricted area or they are thinly scattered over more extensive area. These species are not endangered or vulnerable





5. ENDEMIC SPECIES

- Species which are found only in a particular region are known



Endemic Flora

| | |
|--|--|
|  Sal Tree |  Wild Mango |
| Endemic Fauna | |
|  Flying squirrel |  Indian Squirrel |

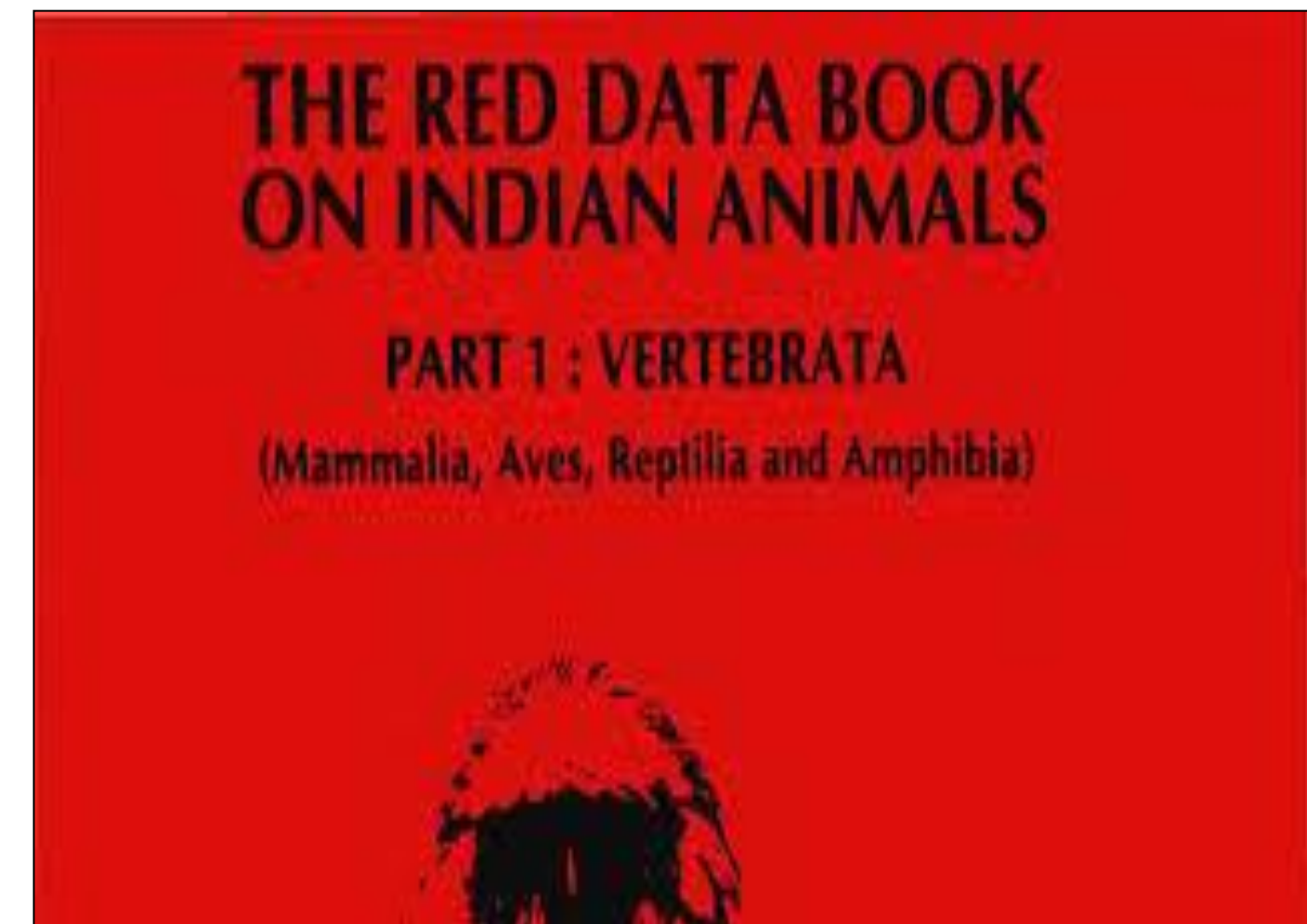
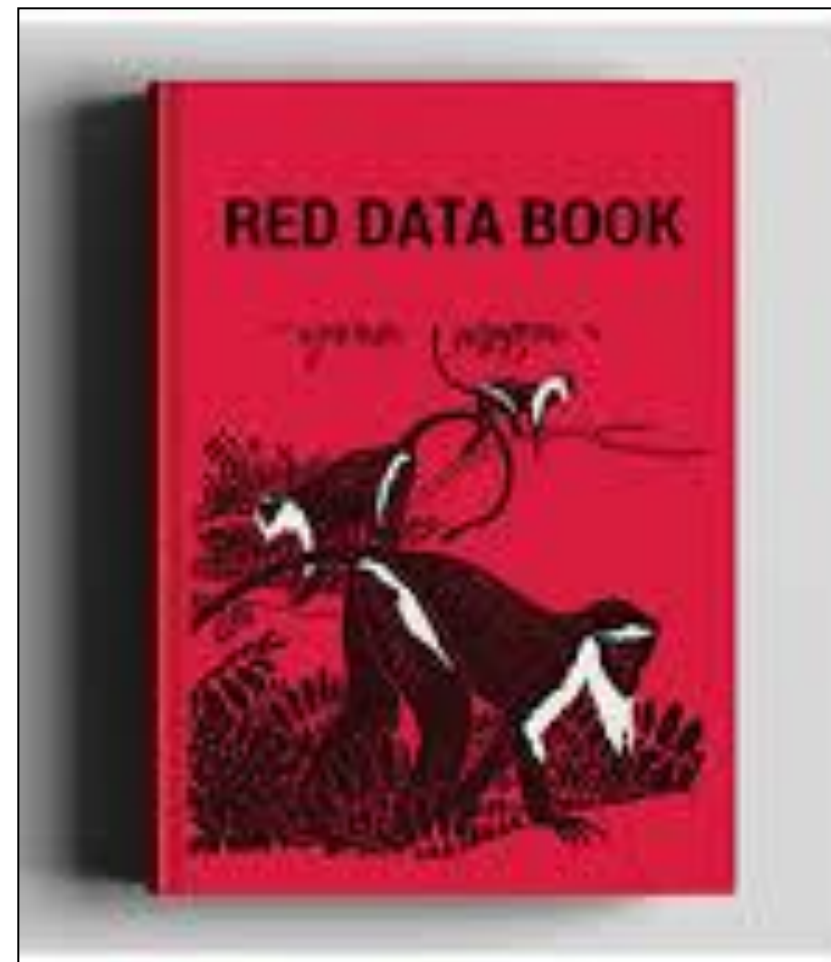
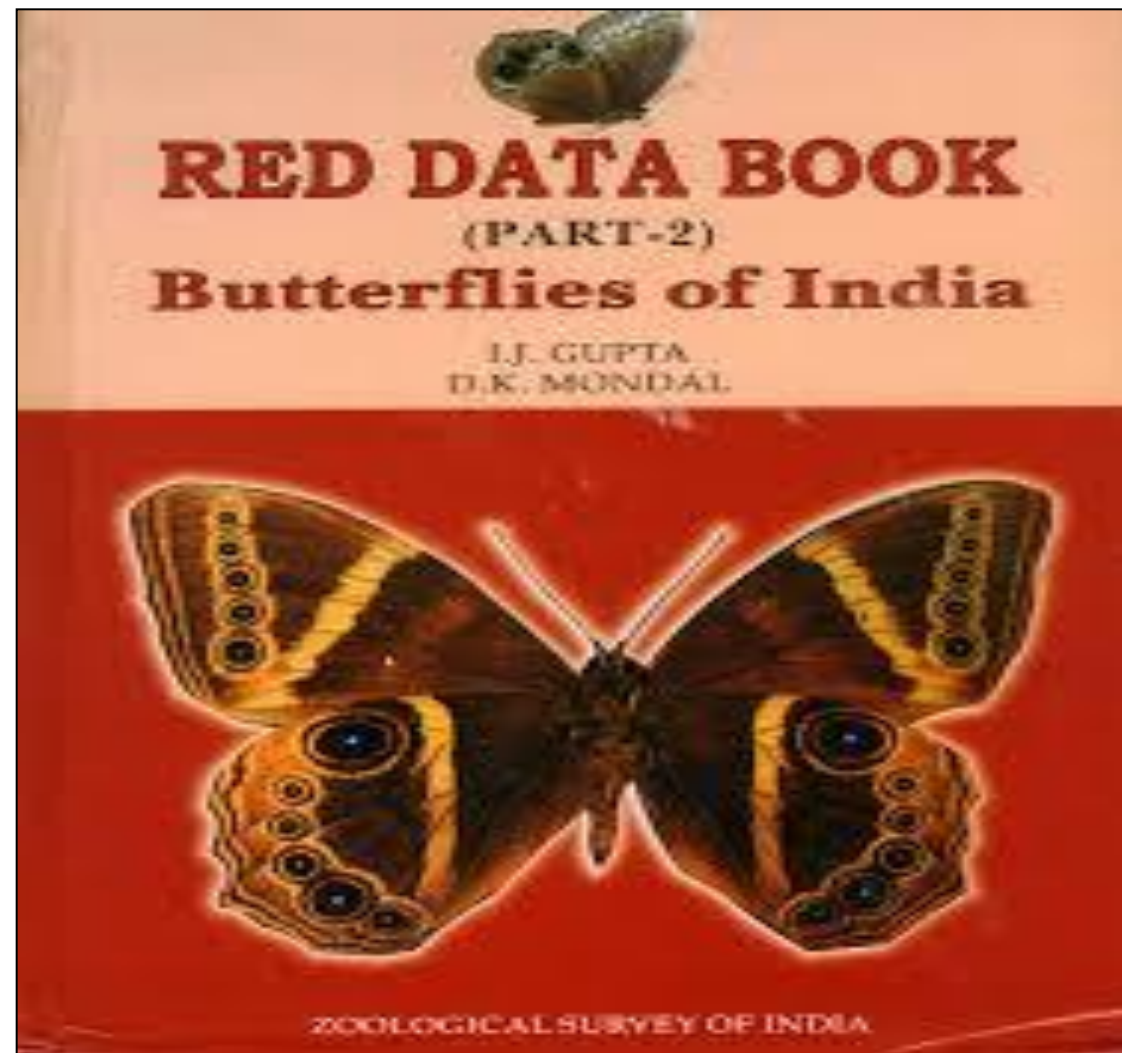




RED DATA BOOK



- Red Data book contains the list of endangered species of plants & animals.
- It gives the warning signal for those species which are endangered and if not protected they become extinct in near future.





Activity



FACTORS

- Pollution
- Over exploitation
- Climate change



- **Remedial**
- Ban international trade
- Avoid burning
- Grow more valuable plants
- Promote ecosystem
- Maintain water cycle
- Maintain ecosystem





ASSESSMENT



1. List out the various endangered & endemic species in India



SUMMARY



REFERENCES



1. Dr. A.Ravikrishnan, Environmental science & Engineering” Srikrishna hitech Pub. Co. Ltd,2013.
2. G.Tayer Miller :Environmental Science”, Cenage Learning India Pvt Ltd, 2011.
3. Benny joseph, “Environmental science & engineering” Tata Mc Graw-Hill. Pub. Co. Ltd. New Delhi.2009.

