



## IUCN updates red list- Indian species

**Relevancy:**

- ✓ GS Prelims
- ✓ Environment, IUCN Red list. This list is very important from Prelims point of view.

**Recently:**

- ❖ The International Union for Conservation of Nature (IUCN) on Monday released an updated red list classifying the different species.

**Indian Species:**

- I. Birds:
  - a. Critically endangered: The great Indian bustard, Siberian crane, sociable lapwing, Baer's Pochard
  - b. Endangered: Saker Falcon, Black-bellied Tern
  - c. Vulnerable: Long-tailed Duck
  - d. Near threatened: River Lapwing, River Tern (a wetland-dependent species found in Kerala among other places), Sinhoe's Storm-petrel
- II. Fishes of Kerala
  - a. Critically Endangered fishes: Pookode Lake Barb and Nilgiri Mystus
  - b. Endangered: Periyar Latia, Nilgiri Danio, Cardamom Garra, Periyar Garra, Anamalai Sucker Catfish, The Imperial White Collared Yellow Catfish, Santhampara Loach, Nilgiri Barb, Hump Backed Mahseer, Periyar Barb and Peninsular Hill Trout.



**Write answer on brainyias.com**  
**Write in real time conditions**  
**Get your answer evaluated by experts.**  
**Artificial intelligence embedded software.**  
**Evaluation of 6 parameters.**



## Coral Gardening

### Relevancy:

- ✓ GS Prelims, GS Mains paper III, Optional - Geography
- ✓ Environment, Coral Reefs, Coral bleaching, Coral Gardening

### Recently:

- ❖ In a trial at the Great Barrier Reef's Heron Island off Australia's east coast, the researchers collected large amount of coral spawn and eggs late last year, grew them into larvae and then transplanted them into areas of damaged reef.
- ❖ After 8 months, the juvenile coral reefs started growing and thus the experiment was a success.

### About Coral Gardening:

- Coral reefs are declining at an alarming rate and coral restoration programs are now considered an essential component to coral conservation and management plan.
- Coral gardening is the process of restoring coral populations by planting laboratory raised coral fragments on the 'Coral reefs'.
- Coral reefs provide many goods and services including fisheries habitat, food for humans and other ocean species, and protection against natural hazards such as hurricanes.
- As a result, coral restoration is viewed as an effective and cost-efficient strategy to buffer coastlines from the effects of storm surge and sea-level rise.





## Operation Save Kurma

**Relevancy:**

- ✓ GS Prelims
- ✓ Environment, CITES, Operation Save Kurma, Operation ThunderBird

**Recently:**

- ❖ India has been awarded a certificate of commendation for its effort to combat illegal wildlife trade by the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).
- ❖ It was given to the Wildlife Crime Control Bureau (WCCB) under the Environment Ministry by the Secretary General of CITES in Geneva.
- ❖ The award was given to WCCB for its efforts in conducting and coordinating a species-specific wildlife enforcement operation, codenamed 'Operation Save Kurma' (against trade of live turtles).

**About CITES:**

- CITES (the Convention on International Trade in Endangered Species of Wild Fauna and Flora) is an international inter-governmental agreement which aims to ensure that international trade in specimens of wild animals and plants does not threaten their survival.
- 183 countries are party to the CITES

**Operation Thunder Bird:**

- Operation Thunderbird is the code-name for INTERPOL's multi-national and multi-species enforcement operation.

**Operation Save Kurma:**

- The operation was conducted to combat the proliferating illegal trade of live turtles and its parts from the country to destinations abroad.
- During the operation conducted from December 15, 2016 to January 30, 2017, approximately 16,000 live turtles and tortoises were seized and released back into the wild.

