

South Africa to End Captive Breeding of Lions

Source: DTE

Why in News?

Recently, South Africa has decided to end **captive breeding of** <u>lions</u> (*Panthera leo*) due to concerns over **trophy hunting** and the use of lion **bones in traditional Chinese medicine** marks a significant shift in wildlife conservation.

What are the Key Traits of Lions?

- **Subspecies:** There are two subspecies of lions found in the wild. The <u>African lion</u> (*Panthera leo leo*) and the **Asiatic lion** (*Panthera leo persica*).
 - African lions used to be spread across most of the African continent, but now are only found in sub-Saharan Africa, with 80% in eastern or southern Africa.
 - Asiatic Lions are found at <u>Gir National Park</u> and Wildlife Sanctuary in Gujarat, India.
 - Although both subspecies of lions look very similar, there are some differences.
 - Male Asiatic lions tend to have darker, shorter manes compared to African Lions.
 - Additionally, both male and female Asiatic lions are smaller than African lions.

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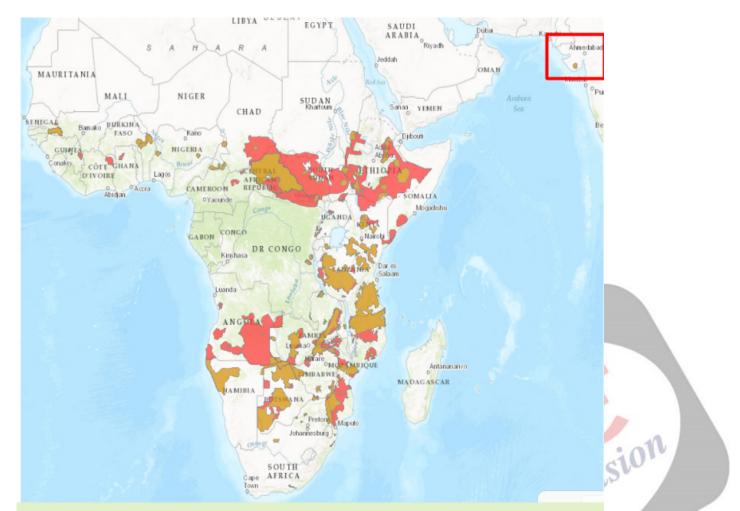
African lion

Asiatic lion

- Habitat: They are most active at night and live in a variety of habitats but prefer grassland, savanna, dense scrub, and open woodland.
- Social Structure: Lions are the most social big cat, living in groups called prides.
 - A pride typically consists of several related females, their cubs, and a few adult males (coalition).
 - Lionesses are the primary hunters, while dominant males are responsible for protecting the pride's territory.
- Hunting and Diet: Lions are apex predators and primarily hunt large ungulates like wildebeest, zebra, and antelope.
 - They typically hunt cooperatively, using their agility and teamwork to take down prey.
 - Also, lions are **opportunistic feeders** and will not hesitate to scavenge when the opportunity arises, often stealing kills from other predators.
- Threats:
 - They face a multitude of threats from habitat loss and fragmentation to climate change and the reduction of available prey.
 - They are also targeted by trophy hunters.
 - Trophy hunting is a form of hunting where the **primary goal is to kill animals for their body parts, such as horns, tusks, or skins,** which are then kept as trophies or souvenirs (and not primarily as food).

Conservation Status:

- IUCN Red List: Vulnerable
- CITES: Appendix I
- Wildlife Protection Act 1972: Schedule I



Distribution Map Panthera Leo

Note

 In India, <u>Project Lion</u> envisages landscape ecology based conservation of the Asiatic Lion in Gujarat by integrating conservation and eco-development. The Gujarat government has planned to translocate 40 adult and sub-adult lions to the Barda Wildlife Sanctuary in the state, according to a 2023 report by Wildlife Institute of India (WII).

UPSC Civil Services Examination, Previous Year Question:

<u>Prelims:</u>

Q. Consider the following statements: (2019)

- 1. Asiatic lions are naturally found in India only.
- 2. Double-humped camels are naturally found in India only.
- 3. One-horned rhinoceros is naturally found in India only.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) 1 and 3 only(d) 1, 2 and 3

Ans: (a)

Q.2 Recently there was a proposal to translocate some of the lions from their natural habitat in Gujarat to which one of the following sites? (2017)

(a) Corbett National Park

- (b) Kuno Palpur Wildlife Sanctuary
- (c) Mudumalai Wildlife Sanctuary
- (d) Sariska National Park

Ans: (b)

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The Vision