

Bandipur Tiger Reserve

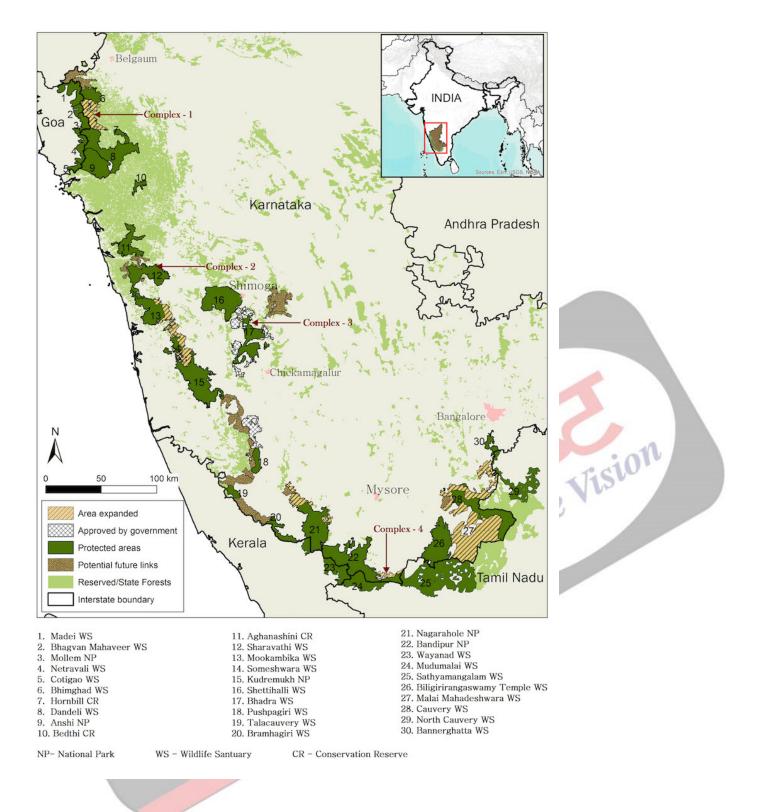
Why in News?

Bandipur Tiger Reserve, located in Karnataka, completed 50 years as a <u>Project Tiger</u> **Reserve on April 1, 2023.** The reserve was launched in 1973 by the then Prime Minister, Indira Gandhi, with the aim to stop the decline in population of tigers.

 Initially, there were 12 tigers in Bandipur when Project Tiger was launched, as a result of protection measures, there are currently 173 tigers using the area.

What are the Key Points of Bandipur Tiger Reserve?

- About:
 - <u>Bandipur Tiger Reserve</u> lies in one of the richest biodiversity areas of our country representing <u>"Western Ghats</u> Mountains Biogeography Zone", surrounded by <u>Mudumalai Tiger Reserve</u> (Tamil Nadu) in the South, <u>Wayanad Wildlife Sanctuary</u> (Kerala) in the Southwest & on the North West Side the Kabini Reservoir separates the Bandipur and <u>Nagarahole Tiger Reserve</u>.
 - The reserve is recognized as one of the **Mega Biodiversity Areas in the country** and is home to rich floral and faunal diversity.
- Establishment:
 - It was established in 1973 under **Project Tiger**. In 1985, by including adjacent areas from **Venugopala Wildlife Park**, it was enlarged and named Bandipur National Park.
- Location:
 - It is situated in two contiguous districts (Mysore and Chamarajanagar) of Karnataka and is located at the **tri-junction area of the States Karnataka, Tamil Nadu and Kerala.**
- Biosphere Reserve:
 - The Bandipur Tiger Reserve is part of the Mysore Elephant Reserve and is an important component of the country's first biosphere reserve, the Nilgiri Biosphere Reserve.
 - The landscape spanning Bandipur, Nagarahole, Mudumalai, and Wayanad complex is home not only to the highest number of tigers in the country – about 724, but also to the largest Asian Elephant population.
- Rivers and the Highest Point:
 - The park is located between the Kabini river in the north and the Moyar river in the south. The Nugu river runs through the park. The highest point in the park is on a hill called Himavad Gopalaswamy Betta.
- Other Tiger Reserves in Karnataka:
 - Bhadra Tiger Reserve
 - Nagarahole Tiger Reserve
 - Dandeli-Anshi Tiger Reserve
 - Biligiriranganatha Swamy Temple (BRT) Tiger Reserve, Besides, <u>Malai Mahadeshwara</u> <u>Wildlife Sanctuary</u> has been proposed to be made a tiger reserve.



UPSC Civil Services Examination, Previous Year Question (PYQ)

Q1. Consider the following protected areas: (2012)

- 1. Bandipur
- 2. Bhitarkanika
- 3. Manas
- 4. Sunderbans

Which of the above are declared Tiger Reserves?

(a) 1 and 2 only
(b) 1, 3 and 4 only
(c) 2, 3 and 4 only
(d) 1, 2, 3 and 4

Ans: (b)

Exp:

- Project Tiger was launched by the Government of India in the year 1973 to save the endangered species of tiger in the country. Starting from nine reserves in 1973-2016, the number has grown up to fifty. A total area of 71027.10 km2 is covered by these project tiger areas.
 - Bandipur Tiger Reserve: It was formed by including most of the forest areas of the then Venugopala Wildlife Park, established under government notification dated 19th February 1941 and the area was enlarged in 1985 extending over an area of 874.20 sq km and named as Bandipur National Park. This reserve was brought under Project Tiger in 1973. It is situated in the contiguous landscape spread in the districts of Southern Karnataka namely the Mysore and Chamarajanagar. It is a distinctive landmass located at the trijunction area of the States of Karnataka, Tamil Nadu and Kerala. Faunal biodversity includes common leopard, royal Bengal tiger, jungle cat, sloth bear, Asian elephant, wild boar, grey heron, shaheen falcon, little bustard-quail, common cobra, green vine snake etc. Hence, 1 is correct.
 - Sunderbans Tiger Reserve: In 1875 under the Forest Act, 1865 (Act VIII of 1865), a large part of Sunderbans forest was declared as "reserved"Post-independence, it was declared a wildlife sanctuary in 1977 and established as a national park on 4th May, 1984. In the year 1978, Sundarbans was declared a national park, and in 1973, it was declared a tiger reserve under Project Tiger. It is located in the state of West Bengal. Some of the common species of plants which are found include sundari tree, golpati, champa, dhundul, genwa and hatal. There are about 78 species of mangroves in these forests. This reserve is home to Royal Bengal Tiger along with other animals such as fishing cats, macaques, leopard cats, Indian grey mongoose, wild boar, flying fox, pangolin, and Indian grey mongoose. Hence, 4 is correct.
 - Manas Tiger Reserve: In the year 1907 the forest was declared as Reserve forest. Post independence, in 1950, Manas Reserve forest was declared as a Wildlife Sanctuary. With the launch of Project Tiger in 1973, Manas Tiger Reserve was officially declared. UNESCO declared it as a World Heritage Site (Natural) in 1985 and further designated as Biosphere Reserve under Man and Biosphere Programme of UNESCO in 1989. It is located at the merger of terai grasslands and the bhabar grasslands ascending to semi-evergreen forests and then to Bhutan Himalayas in the state of Assam. This tiger reserve is an example of inter country tiger conservation and it extends from Assam in India to Royal Manas in Bhutan. It is very rich in the population of Royal Bengal Tigers. The last population of the pygmy survives in the wilds of Manas and nowhere else in the world. Hence, 3 is correct.
 - **Bhitarkanika Wetland:** It is represented by as many as 3 protected Areas, namely "the Bhitarkanika National Park", "the Bhitarkanika Wildlife Sanctuary" and "the Gahirmatha Marine Sanctuary". The Bhitarkanika National Park is a prime habitat of leopard cat, fishing cat, wild boar, spotted deer, sambar, dolphin, salt water crocodile. However, Bhitarkanika has not been declared as a tiger reserve. Hence, 2 is not correct. Therefore, option (b) is the correct answer

Q2. From the ecological point of view, which one of the following assumes importance in being a good link between the Eastern Ghats and the Western Ghats? (2017)

- (a) Sathyamangalam Tiger Reserve
- (b) Nallamala Forest
- (c) Nagarhole National Park
- (d) Seshachalam Biosphere Reserve

Ans: (a)

- Sathyamangalam Wildlife Sanctuary and Tiger Reserve is a protected area along the Western Ghats in the Indian State of Tamil Nadu.
- Sathyamangalam forest range is a significant wildlife corridor in the Nilgiri Biosphere Reserve between the Western Ghats and the rest of the Eastern Ghats and a genetic link between the four other protected areas which it adjoins, including the Biligiriranga Swamy Temple Wildlife Sanctuary, Sigur Plateau, Mudumalai National Park and Bandipur National Park.
- First declared as a wildlife sanctuary in 2008 and enlarged in 2011, it covers a forest area of 1,411.6 sq km and is the largest wildlife sanctuary in Tamil Nadu. In 2013, it became the fourth tiger reserve as a part of Project Tiger in the State of Tamil Nadu.
- Nallamala Forest is one of the largest undisturbed stretches of forest in South India. It is located in the Nallamala Hill, which is a part of the Eastern Ghats. It is spread over 5 districts, namely Kurnool, Guntur, Kadapa, Mahabubnagar and Prakasam. The forest has a good tiger population and a part of the forest belongs to the Nagarjunsagar-Srisailam Tiger Reserve.
- Nagarhole National Park is situated in two districts of Mysore and Kodagu in the State of Karnataka. Nagarahole National Park forms a part of the Nilgiri Biosphere Reserve and together with Bandipur National Park and Mudumalai Wildlife Sanctuary to its South-East and Wayanad to the South-West, is one of the last remaining and best protected habitats for endangered species like the Elephant and the Tiger.
- Seshachalam hills are the hill ranges spread in parts of Chittoor and Kadapa districts of Andhra Pradesh and have been designated as Seshachalam Biosphere Reserve in 2010. The Biosphere Reserve has large reserves of red sandalwood. Therefore, option (a) is the correct answer.

The Vision

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