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Daily Current Affairs Encyclopedia

06 July 2024

Telangana State Regional News

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Marginal drop of vector-borne diseases	Context: • In Hyderabad, there has been a marginal decrease in cases of vector-borne diseases like malaria and dengue in 2024 compared to the previous year.
	 Key points: Official statistics show a decline in dengue cases from 188 in May 2023 to 113 in May 2024, and from 284 in June 2023 to 263 in June 2024. Malaria cases also reduced from 29 in May 2023 to 21 in May 2024, and from 14 in June 2023 to 9 in June 2024.
	 Vector Borne Diseases: Vector-borne diseases are human illnesses caused by parasites, viruses and bacteria that are transmitted by vectors. Every year there are more than 700,000 deaths from diseases such as malaria, dengue, schistosomiasis, human African trypanosomiasis, leishmaniasis, Chagas disease, yellow fever, Japanese encephalitis and onchocerciasis. The burden of these diseases is highest in tropical and subtropical areas, and they disproportionately affect the poorest populations. Since 2014, major outbreaks of dengue, malaria, chikungunya, yellow fever and Zika have afflicted populations, claimed lives, and overwhelmed health systems in many countries. Other diseases such as Chikungunya, leishmaniasis and lymphatic filariasis cause chronic suffering, life-long morbidity, disability and occasional stigmatisation. Distribution of vector-borne diseases is determined by a complex set of demographic, environmental and social factors.
	Global travel and trade, unplanned urbanization.
Human-blackbuck conflict	Context: ■ The Telangana state government recently allocated Rs 2.7 crore to address the human-blackbuck conflict in Narayanpet district and establish a Blackbuck Rescue and Rehabilitation Centre in Krishna mandal.
	 Key points: There are frequent complaints from local farmers about blackbucks damaging their crops. The department plans to

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relocate these animals to suitable habitats such as the Amrabad Tiger Reserve and Kawal Tiger Reserve.

• Other potential relocation sites include grasslands near the Sriramsagar project in Nizamabad and Vikarabad districts, contingent upon public cooperation.

Blackbuck:

- Blackbuck (Indian Antelope) is a species of antelope native to India and Nepal.
- They inhabit grassy plains and thin forest areas.
- Habitat: In India, they can be found in three clusters spanning across the states of Rajasthan, Gujarat, Madhya Pradesh, Tamil Nadu, Odisha, and other areas of peninsular India.
- **Features:** Males have corkscrew-shaped horns and black-to-dark brown coats, and females are fawn-coloured.

Threats faced:

- Dense human habitation makes it difficult for them to migrate from one cluster to another.
- Illegal hunting
- Decrease in habitat due to expansion of agriculture

Protection Status:

- Wildlife Protection Act 1972: Schedule I
- IUCN Status: Least Concerned
- CITES: Appendix III.

Understanding Snakes: A Wildlife Awareness Program

Context:

 Bellampalli Forest Divisional Officer Vijay Kumar conducted an awareness program emphasized the misconceptions about snakes and their ecological role.

Snake Diversity and Venomous Species:

- India hosts 278 snake species; 217 are non-venomous, and 61 are venomous.
- 40 venomous species are aquatic, and 21 are terrestrial; 4 are commonly found in Telangana.

Ecological Importance:

- Snakes play a vital role in controlling rodent populations, protecting agricultural crops.
- Urged public not to harm snakes and to contact forest authorities for safe relocation.

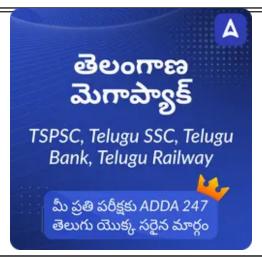




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