

## Illegal Wildlife Trade

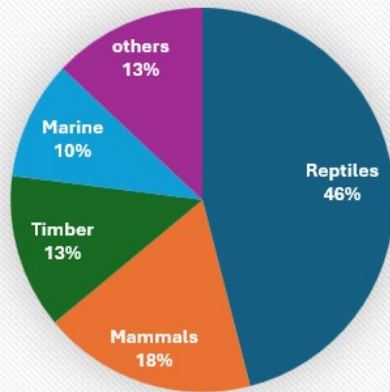
### Why in news?

Indian authorities have arrested six individuals in Jharkhand for allegedly being involved in illegal online trading of wildlife parts, including a substance called Hatha Jodi.

### What is illegal wildlife trade?

- **Illegal wildlife trade**- It refers to the illegal buying, selling, or exchange of wild animals, plants, and their derivatives.
- It includes the trafficking of endangered species protected by law and the trade of wildlife products without proper permits or in violation of national and international regulations.
- **Types of illegal wildlife trade**
  - o **Live animals and plants**- Trafficking of live specimens for pets, zoos, or private collections.
  - o **Animal parts**- Trade in products like ivory, rhino horn, pangolin scales, and tiger skins.
  - o **Plants and plant products**- Illegal trade in timber, medicinal plants, and rare flora.
- **Magnitude of illegal wildlife trade**- Between \$7 and \$23 billion per year globally.

## Major Trafficked Species



■ Reptiles ■ Mammals ■ Timber ■ Marine ■ others

## • Top countries of wildlife trafficking

### Top 10 countries

by known air trafficking instances

the number of times illegal wildlife moved through an airport in a country, regardless of whether it was seized:

- 1 China
- 2 Thailand
- 3 UAE
- 4 Vietnam
- 5 Indonesia
- 6 Kenya
- 7 India
- 8 South Africa
- 9 Malaysia
- 10 USA

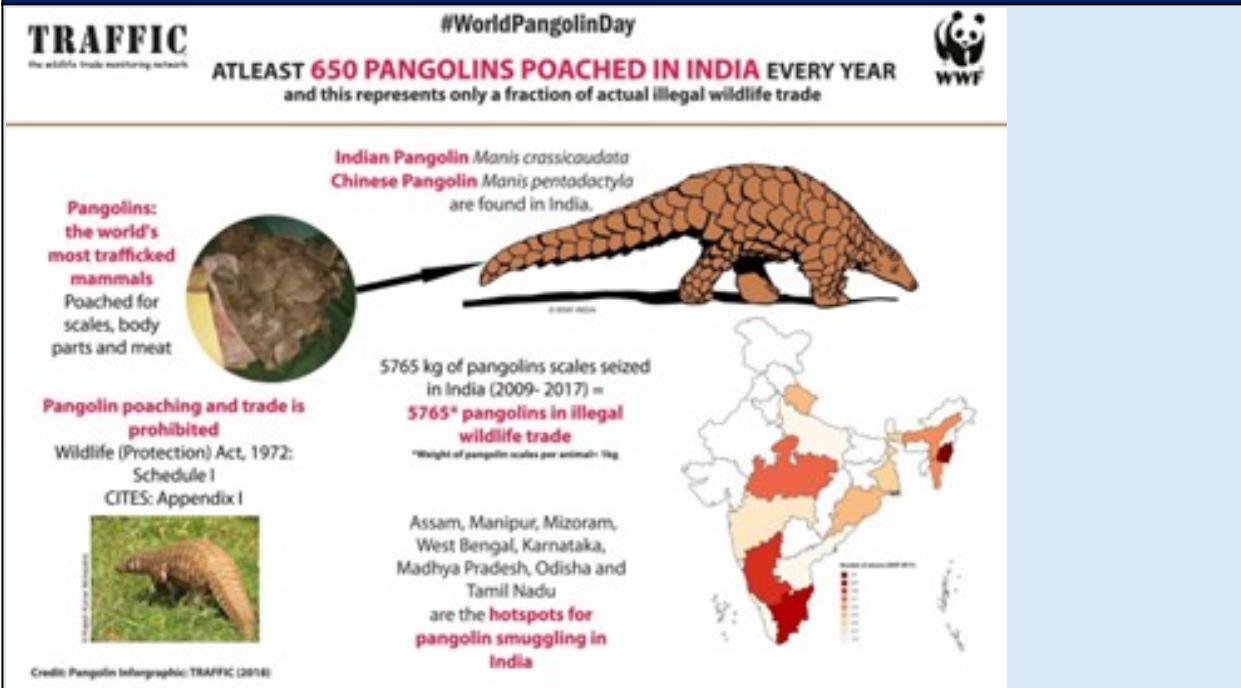


Hatha Jodi

- Hatha Jodi is the hemipenis of the monitor lizard (*Varanus* spp),
- It is illicitly obtained and falsely marketed as a sacred charm or root with mystical properties.
- Monitor lizards are protected under Schedule I of the ***Wildlife (Protection) Act of 1972***.



## Pangolin Trafficking



## What are the causes of illegal wildlife trade?

- **Demand for Luxury goods** - Items like ivory, rhino horns, and tiger skins are seen as status symbols in some cultures.
- **Use in Traditional medicine**- Certain wildlife parts are believed to have medicinal properties, driving demand in traditional medicine markets.
- **Exotic pets**- The demand for rare and exotic pets leads to the capture and trade of wild animals.
- **Use as food** - Pangolins are trafficked mostly due to demand for meat and scales.
- **High profit margins**- The illegal wildlife trade is a lucrative business

with high profits, especially for rare species.

- **Inadequate legal frameworks**- Some countries lack strong laws or penalties to deter illegal wildlife trade.
- **Border control challenges**- Poorly managed borders make it easier for smugglers to transport illegal wildlife products.
- **Superstitions and Demand** - Belief among people that some animal parts like Hatha Jodi have magical powers in solving financial and health issues.
- **Lack of awareness** - Most of the perpetrators do not understand the gravity and impact of the crime.

### **What are the emerging challenges in controlling illegal wildlife trade?**

- **Social Media** - Social Media is increasingly being used to propagate false information about wildlife products.
- This fuels the thriving illegal market for endangered animals.
- **Encrypted communication** - Privacy protection features such as encrypted chat and private social media groups further add challenges to tracing the illegal wildlife trade.
- **New trade channels** - Unregulated cyberspace channels and E-Commerce platforms being used for selling wildlife products pose new challenges to identifying and preventing wildlife crimes.
- **Air Ports** - Airports in India are major conduits for trafficking wildlife contraband.
- **New methods of evading checks** - New methods are used for evading the enforcement agencies in hiding articles through checked luggage and personal baggage.
- Wrong declaration of protected species.

### **What are the impacts of illegal wildlife trade?**

- **Species decline**- Illegal trade often targets endangered species, pushing them closer to extinction.
- **Ecosystem disruption**- Removal of key species can disrupt ecosystem function and harm other wildlife.
- **Tourism impact**- Loss of wildlife can reduce ecotourism revenue, which many local economies depend on.
- **Economic costs**- Management and enforcement against illegal trade can be costly for governments.
- **Organized crime**- Wildlife trafficking is often linked to other forms of organized crime, corruption and terrorism.

- **Local communities-** Indigenous and local communities may lose traditional livelihoods tied to wildlife.
- **Disease transmission-** Illegal wildlife trade can spread zoonotic diseases (diseases transmitted from animals to humans).

## What are the regulations in India?

- **Wildlife Protection Act, 1972-** It provides for the establishment of wildlife sanctuaries and national parks and imposes penalties for illegal trade.

o Hunting or trading parts of Schedule I species under WPA act can result in imprisonment for 3 to 7 years and a minimum fine of Rs 25,000.

To know more about WPA act , Click [Here](#).

- **CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora)-** India is a signatory to CITES, which regulates international trade in endangered species.
- **Wildlife Crime Control Bureau (WCCB)-** Responsible for tackling wildlife crime across the country.
- **Forest departments-** Local Forest departments play a key role in monitoring and enforcement at the ground level.
- **Project Tiger and Project Elephant-** Government programs focused on conserving tiger and elephant populations.
- **Protected Areas Network-** A system of national parks and wildlife sanctuaries to safeguard habitats and wildlife.
- **Awareness campaigns-** Various NGOs and government bodies conduct campaigns to educate the public about the impacts of illegal wildlife trade and the importance of conservation.
- **Cross-Border efforts-** Collaboration with neighboring countries and international organizations to combat wildlife trafficking.

o **TRAFFIC - Wildlife Trade Monitoring Network** to monitor the international trade in wild plants and animals.

## What lies ahead?

- **Updating laws-** Ensure that wildlife protection laws are comprehensive and adapt to emerging threats and new trafficking methods.
- **Harmonizing regulations-** Align national laws with international

agreements like CITES to create a unified approach to wildlife protection.

- **Training and capacity building-** Provide training for law enforcement and customs officials on wildlife trafficking detection and investigation.
- **Cross-Border collaboration-** Foster collaboration between countries and international organizations to tackle the global nature of wildlife trafficking.
- **Information sharing-** Create networks for sharing intelligence and best practices among nations.
- **Public awareness campaigns-** Implement global and local awareness campaigns to educate the public about the impacts of wildlife trafficking and the importance of conservation.
- **Advanced monitoring-** Use technology such as drones, satellite imagery, and genetic tools to monitor wildlife populations and detect illegal activities.
- **Data management-** Develop robust data systems for tracking wildlife trade and enforcement actions to enhance analysis and response.
- **Scientific research-** Support research on wildlife populations, trafficking methods, and conservation strategies to inform policy and action.

## References

1. [Down to Earth | illegal online trade of wildlife](#)
2. [Global Environment Facility | Illegal wildlife trade](#)

