

Rhododendron Wattii

Why in News?

Researchers have identified the last tree which is standing in a popular trekking destination in Nagaland.

- **Rhododendron Wattii** - It is a ***small tree*** attaining a maximum height of 25 feet.

Rhododendron has more than 1,000 species of worldwide and the northeastern region has 129 of the 132 taxa recorded in India.

- It is an ***evergreen plant***, and leaf renewal occurs throughout the year.
- **1st identified by** - Sir George Watt from Nagaland's Japfu Hill range during his 1882-85 survey.
- **Located in** - Dzukou Valley, Nagpur which extends into the adjoining Manipur.
- **Habitat** - It grows on ***rocky hill slopes*** with other Rhododendron species, dwarf bamboo, mosses, and ferns.
- **Distribution** - Endemic to Manipur and Nagaland.



- **Seed** - They are fusiform and winged, which retain viability for about one year when stored at normal temperature and humidity.
- No seedlings were observed in its natural habitat.
- **Seeding capacity** - It produces numerous seeds after the flowers are pollinated mainly by the fire-tailed sunbird and bumble bees.
- **Leaves** - They are obovate to oblong, apex rounded, apiculate, base rounded, glabrous above, with a sparse whitish felted indumentum beneath.
- **Flowers** - It present in trusses of 18-25 flowers are tubular-campanulate, corolla 6-lobed, pink with darker flecks and purplish basal patches.

- **Flowering period** - End of February to April.
- **Fruit** - It is a capsule that is oblong, grooved, and dehisce from the top by longitudinal slits.
- **Fruiting period** - April to December.
- **Factors responsible for disappearance**
 - Poor seedling survivability
 - Anthropogenic activities
 - Wildfires in a Dzukou valley burnt for 2 weeks in 2020-21.
- **Conservation status - IUCN status** - *Vulnerable*.

References

1. [The Hindu| Rhododendron Wattii Tree in Nagaland](#)
2. [Threatened Taxa| Rhododendron Wattii](#)

