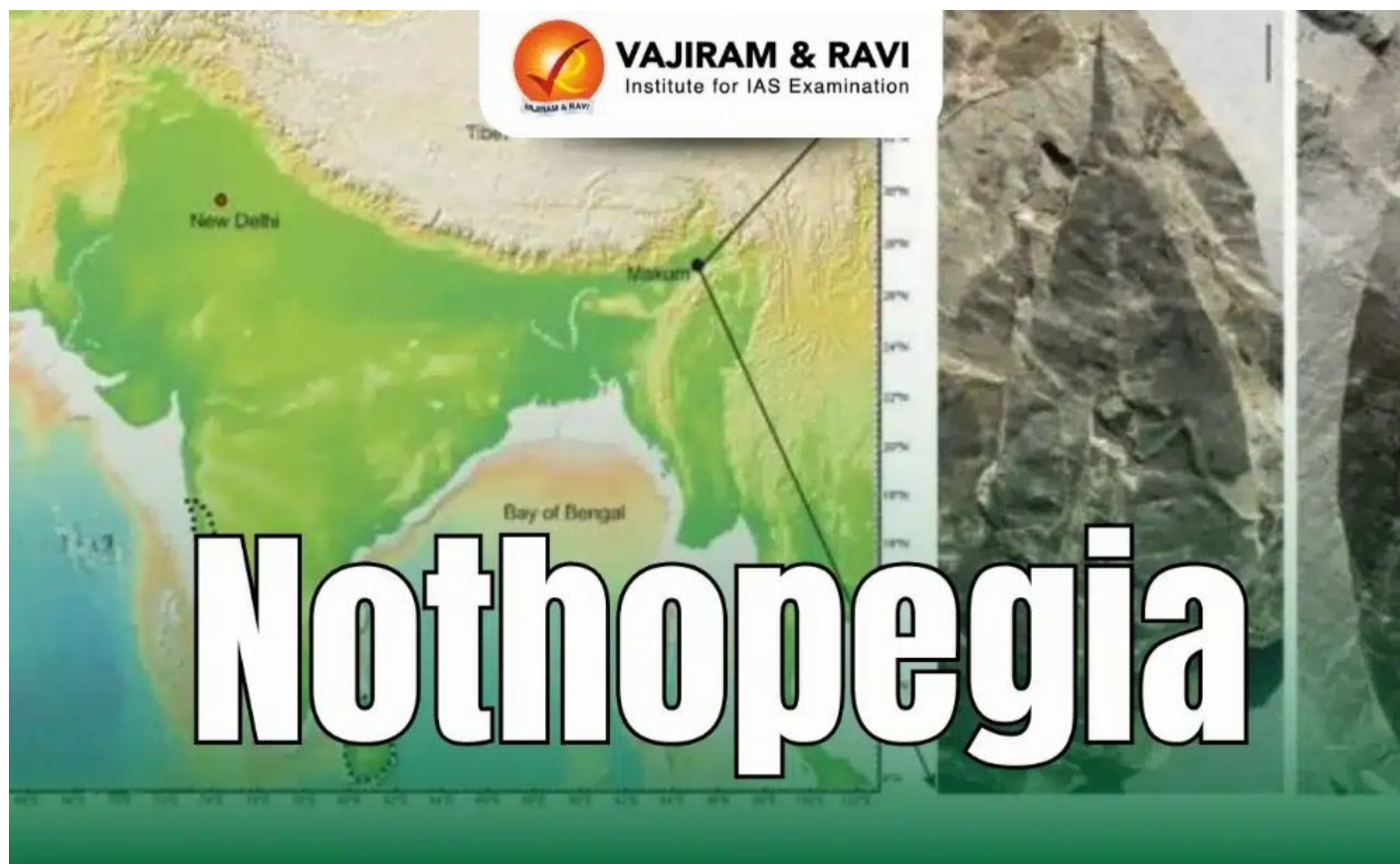


Nothopegia

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Nothopegia Latest News

Recently, a team of researchers discovered 24-million-year-old fossilized leaves resembling modern plant species of the Nothopegia genus from Makum Coalfield of Assam.

About Nothopegia

- It is a genus of plants in the **family Anacardiaceae**.
- The native range of this genus is **Bangladesh, India, Sri Lanka**.
- At present species of this genus are found in **Western Ghats region**.

Key Findings of Nothopegiae

- These fossilized leaves, dating back around 24–23 million years to the **late Oligocene epoch**, were the world's oldest known fossil record of a plant genus **called Nothopegia**.
- It is suggested that the ancient environment of northeast India once provided a perfect home for Nothopegia.

- The Himalayas began their dramatic rise due to tectonic movements, bringing with them sweeping **changes in temperature, rainfall, and wind patterns**.
- These geological convulsions cooled the northeast, rendering it inhospitable for many tropical plant species, including Nothopegia.
- The species survived in the **climatically stable Western Ghats**, making it a living relic of an ancient ecological past.
- **Methodology used:** Herbarium comparison, Cluster analysis, Climate Leaf Analysis Multivariate Program (CLAMP)

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/nothopegia/>

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