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TAXONOMIC INVENTORY OF PLANTS CONSERVED IN THE ASSOCIATED BOTANIC GARDEN AT THE BOTANICAL SURVEY OF INDIA, CENTRAL REGIONAL CENTRE, PRAYAGRAJ

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Abstract: A botanical garden is a place for botanical research, conservation, education, and display, focusing on the region's native flora. The plants growing in Associated Botanic Garden, Botanical Survey of India, Central Regional Centre, Prayagraj are enumerated with habit and phenology and arranged according to Bentham and Hooker's system of classification. It comprises of about 423 species in total which include 165 species of trees, 120 species of shrubs and 138 species of herbs under 115 families.

Keywords: Botanical garden, Prayagraj, plant diversity, Botanical Survey of India, Central Regional centre

CHECKLIST OF IUCN REDLISTED THREATENED PLANTS OF KERALA

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Abstract: Threatened plants are species at high risk of extinction due to habitat loss and fragmentation, overexploitation, environmental change, invasive species, and other anthropogenic pressures, and are classified as Critically Endangered, Endangered, or Vulnerable under the Red List framework of the IUCN. This study presents a comprehensive state-level synthesis of IUCN-listed threatened plant species in Kerala based on the latest global assessments (version 2025-2). A total of 273 threatened species were documented, comprising 267 angiosperms, 4 gymnosperms, and 2 pteridophytes, with Lauraceae, Myrtaceae, and Rubiaceae as the most represented families. Of these, 45 species are Critically Endangered, 109 Endangered, and 118 Vulnerable, with 52 species endemics to Kerala, providing an updated baseline for conservation prioritisation in the state.

Keywords: Threatened plants, Extinction Risk, IUCN Red List, Kerala

RAMARIA FLAVA. A NEW REPORT OF A CLAVARIOID FUNGUS FOR ARUNACHAL PRADESH, INDIA

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Abstract: The genus *Ramaria* encompasses over 200 coral fungal species globally. During a routine fungal survey in Eastern parts of Arunachal Pradesh, India, few specimens of clavarioid fungi were collected, which were later identified as

Ramaria flava based on thorough macro- and micro-morphological studies. This marks the first documentation of the genus *Ramaria* in the state. Detailed morphological descriptions and illustrations are presented in this study.

Keywords: Arunachal Pradesh, clavarioid fungi, New record, Taxonomy

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REDISCOVERY OF AN ESCAPED TAXON, *CERATOSTIGMA GRIFFITHII* (PLUMBAGINACEAE), FROM WILD HABITAT AFTER A GAP OF 90 YEARS FROM ARUNACHAL PRADESH, INDIA

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Abstract: *Ceratostigma griffithii* C.B. Clarke (Plumbaginaceae) is recorded from India after a gap of 90 years from wild habitat. The species has also been assessed as “Vulnerable” by applying the IUCN criteria B. A detailed description along with a color photo plate of the species and its dissected flower parts is provided here to facilitate the identification of the species.

Keywords: Arunachal Pradesh, *Ceratostigma*, Vulnerable, *Plumbagineae*, recollection, Tawang

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MUNTINGIA CALABURA L. (MUNTINGINACEAE): A NEW GENERIC ADDITION TO THE FLORA OF MADHYA PRADESH, INDIA

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Abstract: The present paper deals with the genus *Muntingia* L. reported here as an addition to the Flora of Madhya Pradesh. The paper includes details of nomenclature citation followed by taxonomic descriptions, phenological data, and habitat along with colour photographs.

Keywords: Flora, Madhya Pradesh, *Muntingia calabura*