I. pseudo-aacaulis is restricted to evergreen patches in Sispara.

Ecology and habitat: Silent Valley National Park is situated in the Mannarkkad forest Division of Palakkad district, Kerala extending over 8952 hectares at south-western corners of the Nilgiris. The vegetation is characterized by tropical evergreen, shola and high altitude grasslands. It harbours a large number of rare, endangered and endemic species of flora and fauna. Sispara is at the south-east region of the valley and is the floristically one of the important region in which seventeen new taxon were reported from the region itself. I. pseudo-aacaulis grows in the wet rocky areas with an altitudinal gradient range between 1950-2050 m.

Notes: This species so far known only from the evergreen forests in North-East monsoon zone of South in Nilgiris near Naduvattam, Kundahs, Mukurthi of Tamil Nadu (Bhaskar, 2012). The present collection from Sispara forests of Silent Valley National Park, Palakkad district is the extended distributional record for this taxon to the angiosperm flora of Kerala.

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References


The theme for the 5th AZEC conference is “Conserving the Natural Environment and Biodiversity in Asia”. Concern about the accelerating loss of species and habitats has brought on an appreciation for biological diversity. This conference focuses on biodiversity and will be a place for related organization such as the Zoo, aquarium, arboretum, science museum, museum, national park, wildlife rescue center, NGOs, NPOs, nature conservation agency. This conference provides a opportunity to share ideas and discuss common interests of educators.

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