

## Pteridophytes of district Chhindwara, Madhya Pradesh India

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### SUMMARY

In the present paper the authors have reported 26 pteridophytes plant from natural and cultivated environments *Equisetum diffusum*, *Psilotum nudum*, *Angiopteris evecta*, *Osmunda regalis*, *Actiniopteris radiata*, *Pteris vittata*, *Marsilea minuta*, *Blechnum orientale*, *Selaginella bryopteris* *Azolla pinnata* were collected from natural habitats

**Key words :** Pteridophytes of Chhindwara District, Madhya Pradesh, India

The district Chhindwara is eastern parts of the state with district headquarters at Chhindwara falling under Jabalpur Division. It is bounded in the north by Seoni District in the south east by Nagpur and in the south by Betul and Hoshangabad district and in the west Narsinghpur District M.P. State. The total geographical area of the district is 1184900 ha. and is located between 21°30' to 22°50' Deg. North (longitude) and 78°15' to 79°25' Deg. East (latitude).

Considerable work has been done which are used for various ailments by the Chhindwara District, M.P. (Rai 1987b, 1989), Saxena and Shukla (1971), Prasad *et al.* (1990), Rai and Nonhare (1992), Rai *et al.* (2004) and ethno-medicinal aspects of this area as well as the adjoining region of Chhindwara have been reported by Rai (1987a, 1988) and Maheshwari and Dwivedi (1998).

### MATERIALS AND METHODS

After extensive survey and tours to different places of Chhindwara district a total number of 26 Pteridophytes plants have been reported (Table 1) they have been identified by consulting literature. The Pteridophytes have been collected from varies habitats. In natural condition from terrestrial habitat - *Psilotum nudum*, *Selaginella bryopteris*, *Ophioglossum reticulatum*, *Osmunda regalis*, *Pteris vittata*, *Marsilea minuta* have been collected and photographs

### RESULTS AND DISCUSSION

The Pteridophytic vegetation of the Chhindwara District can be broadly classified into terrestrial, cultivated, marshy and swampy area. This vegetations are endowed with abundance and luxuriant occurrence of all ecological form of Pteridophytes *viz.*, Epiphytes, lithophytes,



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