



Diversity of *Draparnaldia* Species from Rice fields of Garwaha Allahabad (U.P.) India

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Abstract

14 species of *Draparnaldia* were reported from Rice fields of Garwaha Allahabad. Of these *Draparnaldia iyengarii* Tiwari and Pandey, *Draparnaldia deskacharyi* Yadav, *Draparnaldia bori* Nizamii, *Draparnaldia bory Plumosa* and *Draparnaldia bisiach* Agradh are first time reported from Garwaha Allahabad, they constitute new record for the area.

Keywords :- Phycology, *Draparnaldia*, Rice fields, Garwaha, Allahabad.

Introduction

A good deal of work has been done on the occurrence of *Draparnaldia* species in Rice fields. Singh (1939) Randhwa (1960) Forest (1965) Patel and Vaidya (1972) Shaikh (1973) Singh and Pandey (1974) Kamat (1976) Tiwari (1978) Tiwari and Pandey (1979) Sharma and Khan (1980) Yadav and Pandey (1984) Prasad and Mishra (1988) Yadav (1989) Mishra and Mehrotra (2000) Mishra and Srivastava (2005). District Allahabad lies in 30 degree-50 degree and 32 – 53 North latitude and 78 degree – 47 degree East longitudes.

described *Draparnaldia* from Rice fields of West Bengal. Tiwari (1984) has reported *Draparnaldia* from Rice fields of mouri Pratapgarh. Gajaria (2004) has described *Draparnaldia* from Rice fields of GandhiNagar. Das and Mahato (2005) have reported *Draparnaldia* from Rice fields of Ranchi. *Draparnaldia iyengarii* Tiwari and Pandey, *Draparnaldia bory* Nizamii, *Draparnaldia deskacharyi* Yadav, *Draparnaldia bisiach* Agardh, *Draparnaldia bory Plumosa* are first time reported from Rice fields from Garwaha Allahabad.

Materials and Methods

Sample collection has been collected from Rice fields of Garwaha Allahabad from Sep 2015 to Feb 2016. Sample was preserved in 4% formalin with a little amount of glycerine. Photomicrography is done with Nikon lavofot II with attached camera. Identification is based on Desikachary (1959) Cook (1976) Tiwari and Pandey (1981).

List of *Draparnaldia* species collected from Rice fields of Garwaha Allahabad

1. *Draparnaldia acuta* AgardhKutzing
2. *Draparnaldia plumosa* AgardhVaucher
3. *Draparnaldia iyengarii* Tiwari and Pandey
4. *Draparnaldia champlainensis* Cook
5. *Draparnaldia bory* Nizamii
6. *Draparnaldia deskacharyi* Yadav
7. *Draparnaldia bisiach* Agardh
8. *Draparnaldia bory plumosa* Agardh
9. *Draparnaldia acuta* Kuetz
10. *Draparnaldia alpine* Kutzing
11. *Draparnaldia indica* Iyengarii
12. *Draparnaldia Smith* and Klyver
13. *Draparnaldia forest* Fritsch

Results and Discussion

14 species of *Draparnaldia* are reported from Rice fields of Garwaha Allahabad. Verma (1964) has reported *Draparnaldia* from Rice fields of Allahabad. Singh (1973) has described *Draparnaldia* species from Rice fields of Cuttuck. Kamat (1974) has reported *Draparnaldia* from Rice fields of Bombay. Adhya and Santra (1977) have

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14. *Draparnaldia iyengarii* Singh and Pandey

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Phykos 11: 64 – 66

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