

STUDIES ON SPECIES OF *RIVULARIA* : A CYANOBACTERIUM

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Abstract – Three species of *Rivularia* i.e. *Rivularia aquatica*, *Rivularia hansgirgi* Schmidle and *Rivularia* sp. were isolated from Ramgarh lake wetland, Gorakhpur, U. P. Variations were observed with respect to morphology, growth and photoproduction of ammonium among three species. Growth rate of *R. aquatica* and *R. hansgirgi* Schmidle was almost equal and grew faster than the *Rivularia* sp. Both of them produced almost equal and maximum ammonium.

Keywords : Cyanobacterium, *Rivularia* spp., growth, ammonium production.