

**SETTLEMENT AND COLONIZATION IN SOME
BATRACHIUM SPECIES (RANUNCULACEAE)**

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SUMMARY

Comparative analyses of data of laboratory and natural experiments on study of colonization and regeneration processes of some water crowfoot species growing in the Rybinsk reservoir basin was made. Dependence of colonization rate and intensity of life strategy, plant morphological features and hydrological character of species habitats was shown. It was revealed that mass colonization in studied water crowfoot species in the Rybinsk reservoir basin is observed in the beginning of July coinciding with water «evacuation» in the reservoir and longtime summer low water in its tributaries.

Keywords: *Batrachium*, colonization, regeneration, hydrochemistry, dissemination, population.