

**FEATURES OF SEED GERMINATION AND EARLY STAGES OF ONTOGENES OF *LOBELIA DORTMANNA*
(LOBELIACEAE) UNDER EXPERIMENTAL CONDITIONS**

© *O. A. Lebedeva*,¹ *E. A. Belyakov*

Papanin Institute for Biology of Inland Waters, Russian Academy of Sciences, Borok, Russia

¹E-mail: anya@ibiw.yaroslavl.ru

SUMMARY

The paper presents the results of experiments on the germination of *Lobelia dortmanna* L. seeds. The conditions for seed germination *L. dortmanna*, as well as seed production and the initial stages of ontogeny of plants in the laboratory are studied. *L. dortmanna* seeds with different storage life and storage conditions were used in experiments. It is shown that the seed production of *L. dortmanna* for plants with 3–6 fruits is 1416.7 ± 536.7 seeds. Experiments showed a rapid loss of seed germinating capacity when stored dry.

Key words: *Lobelia dortmanna*, dissemination, seed productivity, germination.