

===== STRUCTURAL ORGANIZATION OF ECOSYSTEMS =====
AND PATTERNS OF THEIR DISTRIBUTION

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**ECOLOGICAL-BIOLOGICAL FEATURES AND DISTRIBUTION
OF ORCHIDACEAE FAMILY IN THE RESERVES OF TRANSBAIKALIA REGION**

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The principal features of cenotic population and features of distribution of the species of *Orchidaceae* family in Transbaikalia region are under consideration in the paper. The species diversity of *Orchidaceae* family and the phytocenotic location in the reserves of Transbaikalia region are revealed. The characteristics of cenotic population are given taking the genera *Cypripedium* as an example. The state of six cenotic populations of *Cypripedium* species showed that they develop successfully that is supported by prevalence of virginal and generative individuals and as following the right-hand ontogenetic spectra. The cartographic schemes of altitudinal distribution of *Orchidaceae* species for the territory under consideration had been works out. Analysis of cartographic schemes of the species included in the Red Data Book on the territory of reserves in Transbaikalia showed the location of principal part of species in the valleys of big rivers with sufficient humidification.

Keywords: cenotic population, phytocenotic location, Transbaikalia, *Orchidaceae* family, altitudinal distribution.

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