

## ANALYSIS OF COENOFLORA OF PINE FORESTS (*PINUS KOCHIANA*, PINACEAE) OF DAGESTAN

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The article presents taxonomic, ecological-coenotic, geographical characteristics of the composition of the coenoflora of pine forests of Dagestan, comprising 590 species of vascular plants. The analysis is based on the materials from field studies 2012 to 2019 within the framework of the study of the Dagestan pine forests. Taxonomic, biomorphological, florocoenotic and geographical analysis have shown the boreal and Mediterranean nature of the coenoflora of the Dagestan pine forests. Predominating in relation to the soil richness are mesotrophes and eutrophes, in relation to moisture there are mesophytes and mesoxerophytes. The coenoflora of pine forests is not specific, since it includes species of different altitudinal belts: forest, meadow, mountain-steppe.

In the coenoflora of the pine forests, 22 species listed in the Red Data Books of the Russian Federation and the Republic of Dagestan were identified; 82 relict species and 76 endemics were recorded.

*Keywords:* Dagestan, coenoflora, flora analysis, pine forests, *Pinus kochiana*, taxonomy, geographical elements, ecological analysis, life form, relict, endemic

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