Biodiversity: structure, problems and conservation prospects

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Problem statement

Nowadays the problem of rare plants conservation has come to the forefront. The significant direction in this area is the determination of ecological condition of relicts.

The objectives of the research:

• monitoring of rare plants;
• renovation of the Red Book for plants;
• the search of areas without anthropogenic impacts to designate conservation status for them
The methods for solving:
- expeditionary method
- monitoring method
- descriptive method
- method geoinformational system
Conclusions

Monitoring of the rare plants makes it possible to identify the species that are vulnerable, relict and related to the lowed Alpine flora.

Vulnerable species need recording, studying and protecting because they are wilderness indicators of places.

Particular interest is rock relicts (the mountain houseleek, rock populations of the great stonecrop).

Some species are just very rare for Lipetsk region and need clarification of their new area.
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