

Research Article

Biodiversity conservation in Botanical Gardens: collection of *Cycadales* Pers. ex Bercht. & J. Presl representatives in the greenhouses of the Peter the Great Botanical Garden (BIN RAS)

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ABSTRACT

The role of Botanical Gardens in biodiversity conservation is considered. The analysis of the greenhouse collection of *Cycadales* representatives is carried out. Both the general characteristics of this group of plants (distribution, growth forms, reproduction, taxonomy) and the characteristics of the families and genera *Cycadales* presented in the collection of the Peter the Great Botanical Garden are given. In the greenhouses, 47 species of *Cycadales* belonging to 9 genera are grown, all species have a conservation status: CR - 7 species, EN - 10 species, VU - 6 species, NT - 16 species, LC - 8 species.

Key words: Biodiversity, botanical gardens, collections of tropical and subtropical plants, *Cycadales*, conservation status.

