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Endangered and threatened vascular plants of the forests of central Poland and the problems of their conservation

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**Abstract:** On the basis of the data from literature, herbarium collections (Herbarium LOD) and the author's own materials, a list of the 74 most valuable species, protected and endangered, found in woodland of central Poland was compiled. For the rarest species, the list of sites with sources were included. The level of threat for species and their sites was also determined for the region. The most important issues of protection of these plant species associated with changes in the environment as well as with changes in woodland communities were presented. This study sums up the result of research carried out by botanists from Łódź over last five decades, regarding selected woodland plant species. It also provides new data on the distribution of the most valuable plant taxa in Poland.

**Key words:** list of endangered species, woodland, central Poland.