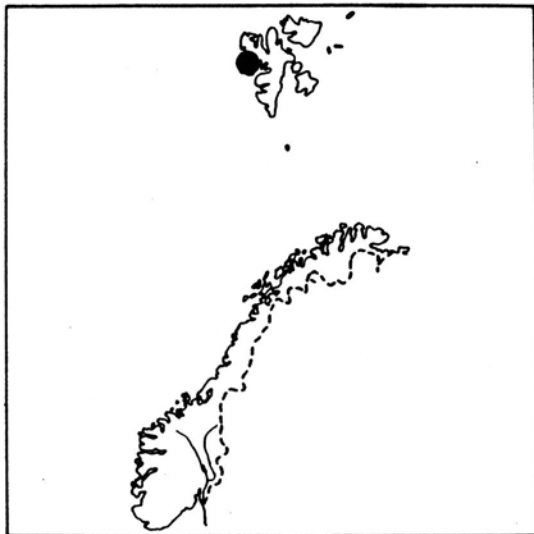


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## SZATA ROŚLINNA PÓLNOCNO-ZACHODNIEGO SÖRKAPP LAND (SPITSBERGEN)

### Flora and vegetation of NW Sörkapp Land (Spitsbergen)

Eugeniusz DUBIEL

**Summary.** Botanical investigations in NW Sörkapp Land were carried out in the summer seasons of 1982 and 1985. In the unglaciated territory (area of ca. 100 sq. km) about 82 species and some taxa of lower taxonomic rank of vascular plants have been found. On the basis of 285 relevés made according to the Braun-Blanquet method 28 plant communities have been distinguished. The spatial distribution of plant communities has been shown in two phytosociological maps. The map of distribution of three plant formations in Sörkapp Land, i.e. the poor tundra, the Arctic desert, and peat-lands, has also been prepared. On the basis of the floristic criteria Sörkapp Land has been distinguished as an independent phytogeographic district. Ecological observations were focused on the phenology of plants, participation of life forms, and the propagation processes.

**Key words:** Spitsbergen, Arctic flora, plant communities, geobotanical problems

*Dr hab. Eugeniusz Dubiel, Instytut Botaniki, Uniwersytet Jagielloński, ul. Lubicz 46, 31–512 Kraków*