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The Arctic ecozone is undergoing a rapid transformation in response to climate change. Establishing a baseline of current Arctic biodiversity is necessary to be able to track changes in species diversity and distribution over time. Here, we report a vascular plant floristic study of Katannilik Territorial Park, Kimmirut and vicinity within Circumpolar Arctic Bioclimate Subzone D on southern Baffin Island, Nunavut, Canada. We compiled a dataset of 1596 collections gathered in the study area throughout the last century, including 838 we made in 2012. The vascular flora comprises 35 families, 98 genera, 211 species, two nothospecies and seven infraspecific taxa, and we newly recorded 51 taxa in 22 families in the study area. We summarize the distribution on Baffin Island for each taxon recorded in the study area, including several unpublished southern Baffin Island records.

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VASCULAR PLANT BIODIVERSITY OF KATANNILIK TERRITORIAL PARK, KIMMIRUT AND VICINITY ON BAFFIN ISLAND, NUNAVUT, CANADA: AN ANNOTATED CHECKLIST OF AN ARCTIC FLORA

> JEFFERY M. SAARELA, PAUL C. SOKOLOFF, LYNN J. GILLESPIE, ROGER D. BULL



Diapensia lapponica L.

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