



NON-EXCLUSIVE LICENCE NO. G23-068 FOR UTILIZATION OF GREENLAND GENETIC RESOURCES

(Prior Informed Consent under the Biological Diversity Convention and the Nagoya Protocol)

Government of Greenland
Ministry of Foreign Affairs, Business and Trade
22-06-2023

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2.	Co-applicants Co-applicant 1 Name: Kimberly Montañez-Medina Nationality: N/A Institution/ enterprise/organisation: Lund University Address: Lund University, Sölvegatan 12, S-223 62 Lund, Sweden Email address: Ki1433mo-s@student.lu.se Telephone: +46 762376081 Co-applicant 2 Name: Rasa Platakyte Nationality: N/A Institution/ enterprise/organisation: Lund University Address: Lund University, Sölvegatan 17, 22362 Lund, Sweden Email address: rasa.platakyte@gmail.com Telephone: Co-applicant 3 Name: Bo Elberling Nationality: N/A Institution/ enterprise/organisation: Copenhagen University Address: University of Copenhagen, Øster Voldgade 10, 06 Område VI, 1350 Copenhagen, Denmark Email address: be@ign.ku.dk Telephone:

3.	Genetic Resources comprised by this Licence
	<p>This Licence only comprises utilization of the following genetic resources:</p> <p>Animals, Genetic Material, Ice/ Water</p>
	<p>Samples collected: 5*5*5 cm size soil samples, which include plants, lichens, microscopic soil fauna and soil material. We will cover the holes made by filling with sand from the near surroundings. Part of the samples will be extracted with water and salt in the laboratory at the station, to recover the nutrients and study their production rate: depolymerisation and mineralization. Other part of the samples will be transported intact as cooled, to the laboratory in Gothenburg, Sweden, to extract the microscopic soil fauna for investigation under microscopes.</p> <p>Methods:</p> <p>We will study extreme events near Arctic Station in the plants and topsoil, in the already established field area of winter warminf and snow fencing within walking distance from the station. Total we will samples from 40 plots.</p> <p>Objective:</p> <p>The aim is:</p> <ol style="list-style-type: none"> 1. To assess the effects of browning on the morphological and physiological properties of soil crusts using microscopy and organism activity 2. To relate changes in organic nitrogen cycling under browning by measuring depolymerisation and gross N mineralization activity.
4.	Timescale
	<p>The expected timescale for the sampling time is:</p> <p>10-30th august 2023</p> <p>The timescale is not fixed, but an estimate.</p>
	Licence Area
	<p>The Licensee may only collect Genetic Resources in the following area or areas in Greenland:</p> <p>69°15'55.69"N 53°28'40.87"V</p>

Map of licence area

A map of the area and **detailed maps with coordinates** need to **be** provided.

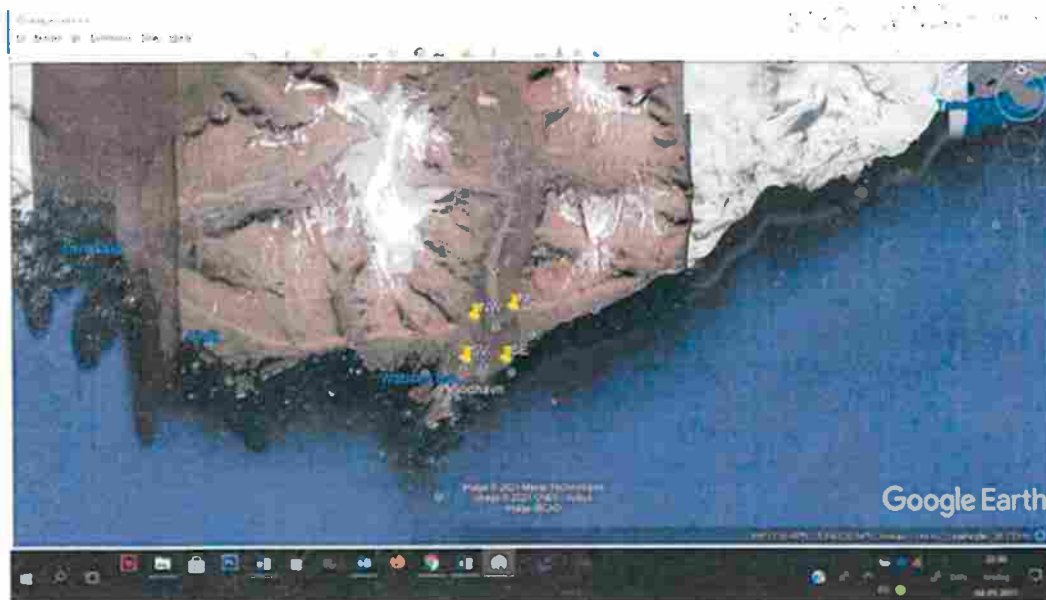
A) Disko Island,

SW: **69°15'15.32"N**; **53°31'9.70"W**

NW: **69°16'13.17"N**; **53°30'33.27"W**

NE: **69°16'24.82"N**; **53°28'2.80"W**

SE: **69°15'14.64"N**; **53°28'34.30"W**



5.	<p data-bbox="212 98 1423 143">Utilization of Genetic Resources</p> <p data-bbox="212 143 1423 232">The Licensee may only utilize Genetic Resources for the following non-commercial activities and purposes (prospecting activities):</p> <p data-bbox="212 232 1423 277">Collection and basic research on Genetic Resources for non-commercial purposes.</p> <p data-bbox="212 322 1423 680">The Licensee may utilize Genetic Resources for commercial activities and purposes only if the Licensee has been granted an amendment of this Licence to the effect that the Licensee may utilize the Genetic Resources for commercial activities and purposes in accordance with the terms of this Licence, including the terms stated in boxes 1-7 and the Terms and Conditions for Licences for Utilization of Greenland Genetic Resources ("Terms"), the Biological Diversity Convention and the Nagoya Protocol. A right to utilize Genetic Resources for commercial activities and purposes is granted when the Licensee and the Government of Greenland have signed an addendum to this Licence in which it is stated that the Licensee may utilize the Genetic Resources stated in box 3 or part thereof for commercial activities and purposes.</p> <p data-bbox="212 725 1423 949">A right to utilize Genetic Resources or part thereof for commercial activities and purposes will be granted by the Government of Greenland as stated in section 10 of the Terms. The Licensee may not commence any utilization of any Genetic Resources for commercial activities and purposes or activities in relation thereto until the Government of Greenland has granted an amendment of this Licence as stated above to the Licensee and has approved such activities.</p> <p data-bbox="212 994 1423 1128">When the Licensee has a right to utilize Genetic Resources for commercial activities and purposes, the Licensee may for example utilize Genetic Resources for the following commercial activities and purposes of exploitation activities:</p> <ol data-bbox="212 1173 1423 1464" style="list-style-type: none"> 1. [research and/or development on the Genetic Resources collected in the Licence Area, see box 4, for commercial purposes.] 2. [production, marketing, sale and/or use of Products, as defined in section 1.01(y) of the Terms, based on the Genetic Resources collected in the Licence Area, see box 4, for commercial purposes.] 3. [creation, development, registration, marketing, sale and/or use of Intellectual Property, as defined in section 1.01(q) of the Terms, for commercial purposes.] <p data-bbox="212 1509 1423 1554">See also section 1.05 of the Terms.</p>
6.	<p data-bbox="212 1612 1423 1657">Licence Period</p> <p data-bbox="212 1657 1423 1747">This Licence comes into force on the date it is granted to the Licensee, and signed by the Government of Greenland, see page 1.</p> <p data-bbox="212 1792 1423 1881">This Licence shall remain valid until April 1, 2024 unless it expires in accordance with section 19 of the Terms and Conditions for Licences for Utilization of Greenland Genetic Resources (enclosed).</p>
7.	<p data-bbox="212 1890 1423 1935">Individual terms (if any)</p> <p data-bbox="212 1935 1423 1995">None</p>

Basic Terms of Licence

Under section 9 of the Greenland Parliament Act no. 3 of June 3, 2016 on utilization of genetic resources and activities in relation thereto ("Genetic Resources Act"), the Government of Greenland, as competent authority for controlling access to genetic resources from Greenland, hereby grants the Licensee stated in section 1 of this Non-Exclusive Licence no. G23-068 for Utilization of Greenland Genetic Resources ("Licence").

This Licence comes into force when it is granted and signed by the Government of Greenland. The licence period is stated in section 6.

This Licence is granted on the terms stated in this Licence, including the terms stated in boxes 1-7 and the enclosed Standard Terms. The said terms include, among other matters, terms on payment of fees, annual reporting obligations, sharing of monetary benefits and non-monetary benefits (monetary benefits is only relevant in relation to utilization of Genetic Resources for commercial activities and purposes) and joint ownership of intellectual property between the Government of Greenland and the Licensee.

The terms of this Licence are binding on the Licensee when this Licence is signed by a representative of the Government of Greenland.

This Licence constitutes an export permit for the Genetic Resources comprised by this Licence under Greenland Parliament Act no. 5 of November 22, 1984 on permission to export of Greenland products and any subsequent amendment thereto. Only the material mentioned in section 3 from the areas mentioned in section 4 is allowed for export.

This licence is valid from

22-06-2023



Nunanut Allanut, Inuussutissarsiornermut
Niuernermullu Naalakkersuisoqarfik
Departementet for Udenrigsanliggender, Erhverv og Handel
Ministry of Foreign Affairs, Business and Trade