From: International Tundra Experiment (ITEX) <ITEX-LIST@LISTS.UBC.CA> on behalf of Emily Grishaber

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Sent: Tuesday, February 25, 2020 10:01 PM

To: ITEX-LIST@LISTS.UBC.CA

Subject: Sample collection

Hello ITEXers,

My name is Emily Grishaber, and I am a first year MSc student working with Greg Henry at UBC. I am will be conducting field research at Alexandra Fiord this coming summer. My Master's project builds on dendrochronological research of high Arctic shrubs and I will focus on growth-ring analysis of *Dryas integrifolia / octopetala*. I will harvest plants to perform retrospective analysis on annual growth rings in the root/stem collars. The growth record from within the collars should span the duration of nearly 30 years of warming at Alex Fiord, and even further back in time to before treatments began.

I would like to incorporate spatial variation of the growth and reproduction of the *Dryas* species from within OTCs and controls at other ITEX sites, if possible.

I am hoping that researchers going into the field this coming summer, with sites that contain *Dryas* spp. in the experimental plots will consider collecting individuals to expand the scope of this research. I believe this would be a useful contribution to understanding plant responses across the ITEX network and the Arctic region.

If you are interested in participating and could collect plants from your plots, please contact me (Emily Grishaber <egrishaber@outlook.com>) and I will be in touch with sampling and authorship details.

Thank you everyone for your time -- best of luck for the upcoming field season!

Kind regards, Emily Grishaber MSc Student, University of British Columbia

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