

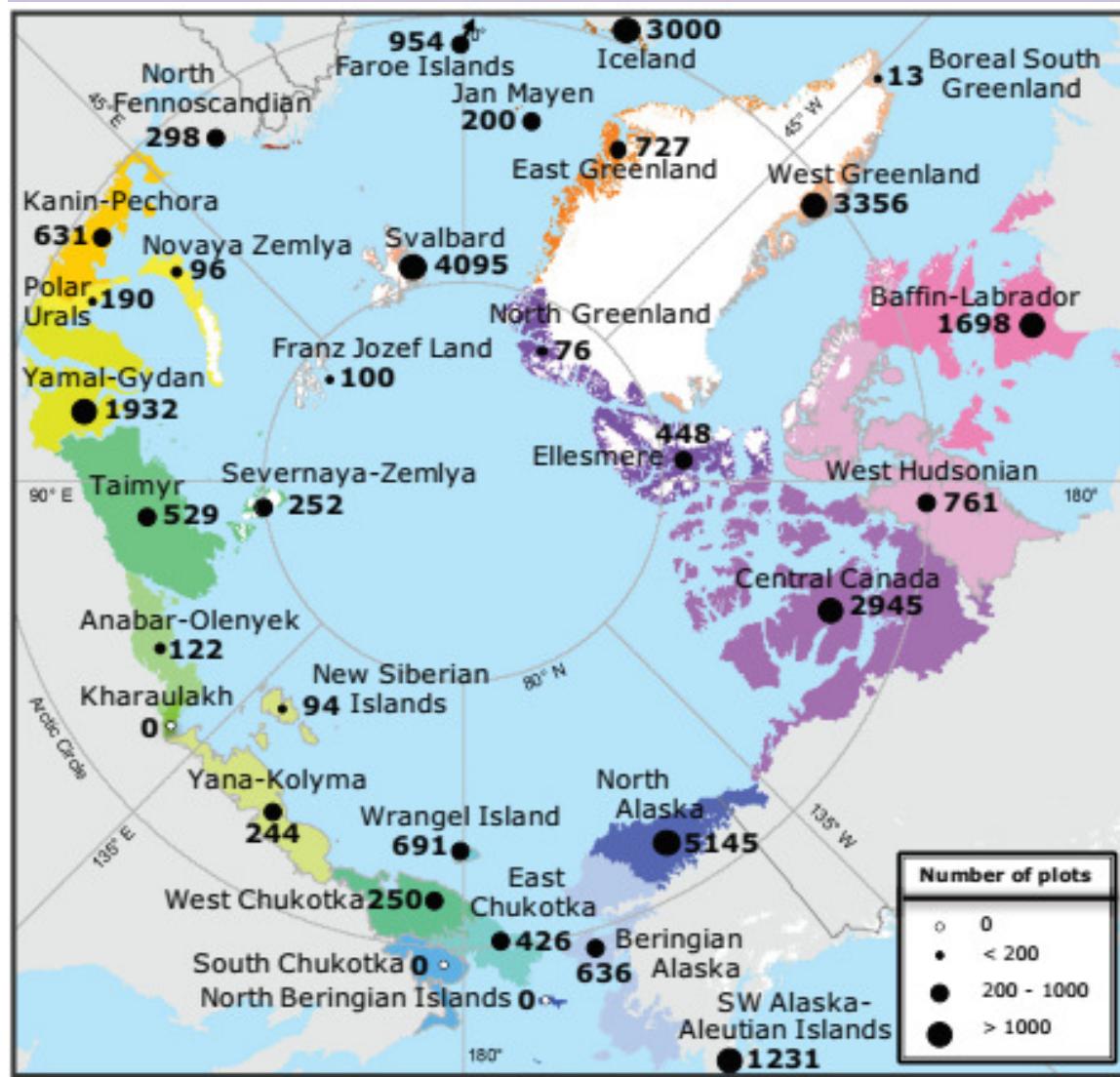
A photograph of a field of tall, golden-brown grasses, likely Arctic vegetation, under a clear blue sky. The grasses are in sharp focus in the foreground, while the background is slightly blurred.

The next steps for bringing Russian Arctic vegetation datasets into the AVA

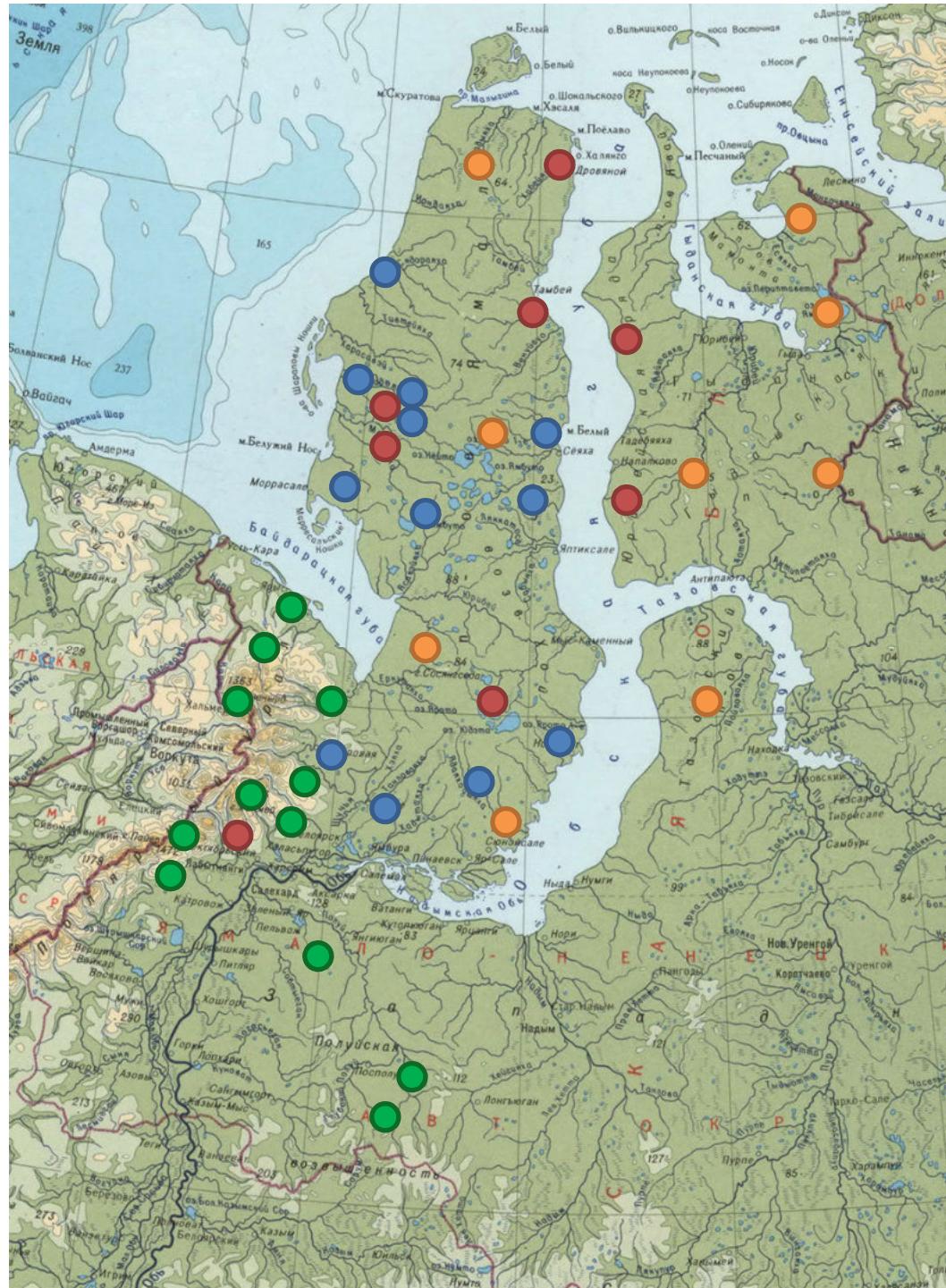
Ksenia Ermokhina

**A.N. Severtsov Institute of ecology and evolution RAS
Earth Cryosphere Institute SB RAS**

Russian datasets and key Russian geobotanists



- N. Matveeva
- O. & I. Lavrinenko
- S. Kholod
- L. Zanokha
- N. Koroleva
- E. Kulyugina
- M. Telyatnikov
- E. Troeva
- N. Sinelnikova
- K. Ermokhina



West Siberian Arctic datasets in work

- M. Telyatnikov
- K. Ermokhina
- expedition 2017
- expedition 2018

RFBR grant (№ 18-04-01010) for classification of vegetation and spectral analysis of remote sensing imagery for geobotanical division of West Siberian Arctic

Articles based on the West Siberian Arctic datasets

Already published:

- Telyatnikov M., Pristyazhnyuk S. Intrazonal grass communities of Yamal peninsula and east foothills of Polar Ural mountains // Vegetation of Russian Asia, 2012
- Telyatnikov M., Pristyazhnyuk S. The classification of subshrub and moss tundras on Yamal Peninsula and adjacent areas // Vestnik of Novosibirsk State University, 2012

Submitted:

- Telyatnikov M., Troeva E., Ermokhina K., Pristyazhnyuk S. Tundra vegetation of two regions of the northern Gydan Peninsula (subzone of typical tundra) // Vegetation of Russia
- Telyatnikov M., Troeva E., Ermokhina K., Pristyazhnyuk S. Vegetation of Yamal arctic tundra (case study of middle reaches of Yakhadiyakha river) // Vegetation of Russia

In progress:

- Dyachenko A. et al. (mosses of Gydan Peninsula)
- Ermokhina K. et al. (geobotanical division of West Siberian Arctic)
- Ermokhina K. & Sibik J. (BB classification)

Planned:

- Telyatnikov M., Ermokhina K., Koroleva N., Troeva E. & others (BB classification)
- Sokovnina S. et al. (lichens of Gydan Peninsula)

Next steps

- Launch of Russian AVA website hosted by A.N. Severtsov Institute of ecology and evolution RAS (December 2018)
- English-Russian translation of the AVA forms (2019)
- West Siberian Arctic datasets (2018 – 2020)
- Other Russian datasets (?)
- Articles based on the West Siberian Arctic datasets
- Maps of West Siberian Arctic vegetation based on BB classification
- Synthesis report on West Siberian Arctic vegetation

A wide-angle photograph of a landscape under a hazy, orange-tinted sky. A full rainbow arches across the upper portion of the frame. In the foreground, a vast field of dry, golden-brown grass covers a gentle hill. Two small figures, appearing as dark silhouettes against the bright ground, stand on the left side of the hill, looking towards the horizon.

Thank you!