An individual-based tree data set on forest structure in Siberia's remote north-east

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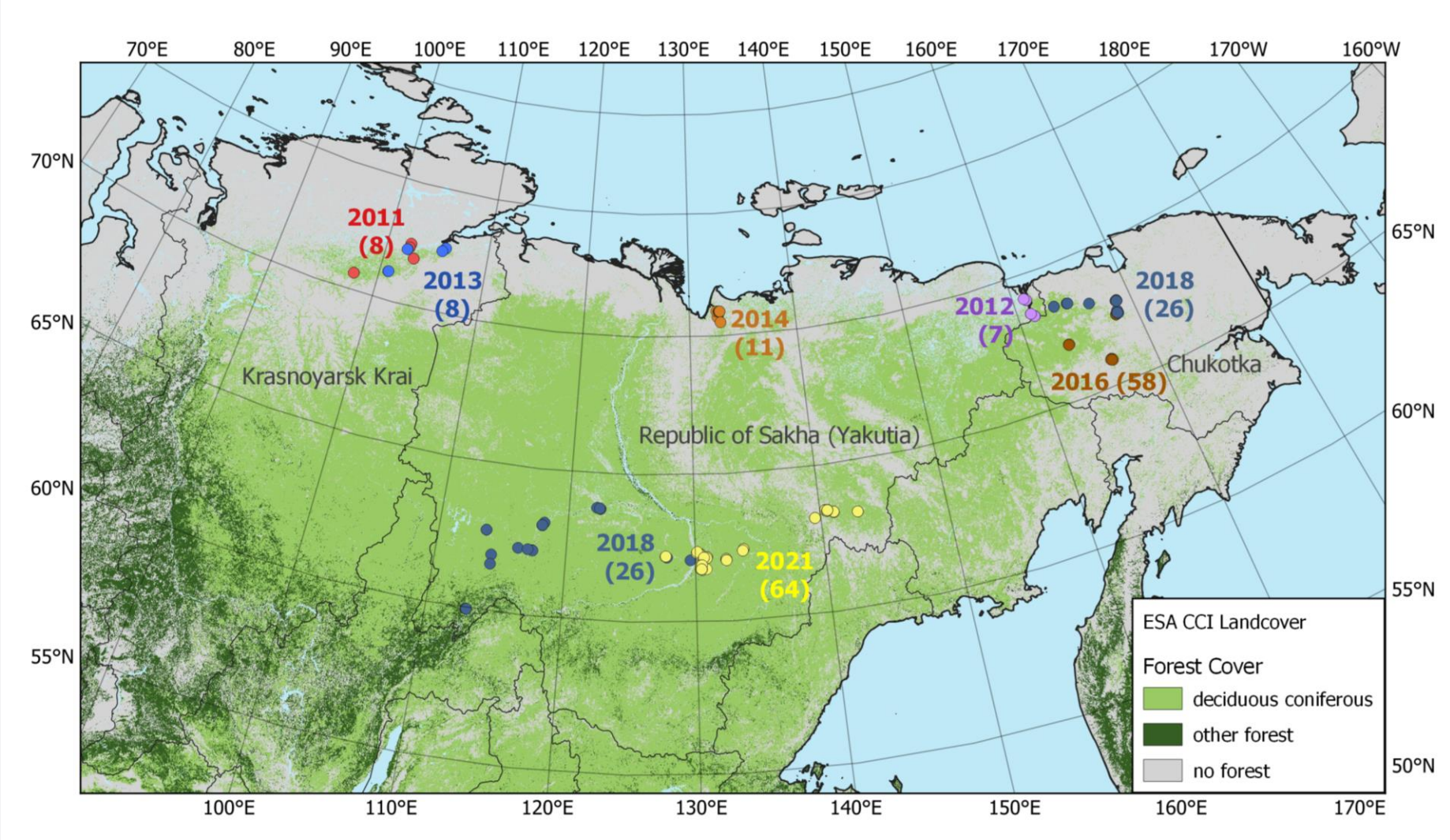


Expeditions to NE-Siberia were performed between 2011 and 2021.

Forest inventories

- 226 Sites (162 forested)
- 40 289 trees

Tree information

For all:
- Species
- Height
- Vitality

For some:
- Diameter at base
- Diameter at breast height
- Crown diameter
- Crown base


Photo by Stefan Kruse 2021


Photo by Irina Yakshina 2014

Why is that interesting?

- Ground data is scarce in NE-Siberia
- Remote sensing doesn‘t tell you everything
- Boreal forests are hotspot of global change

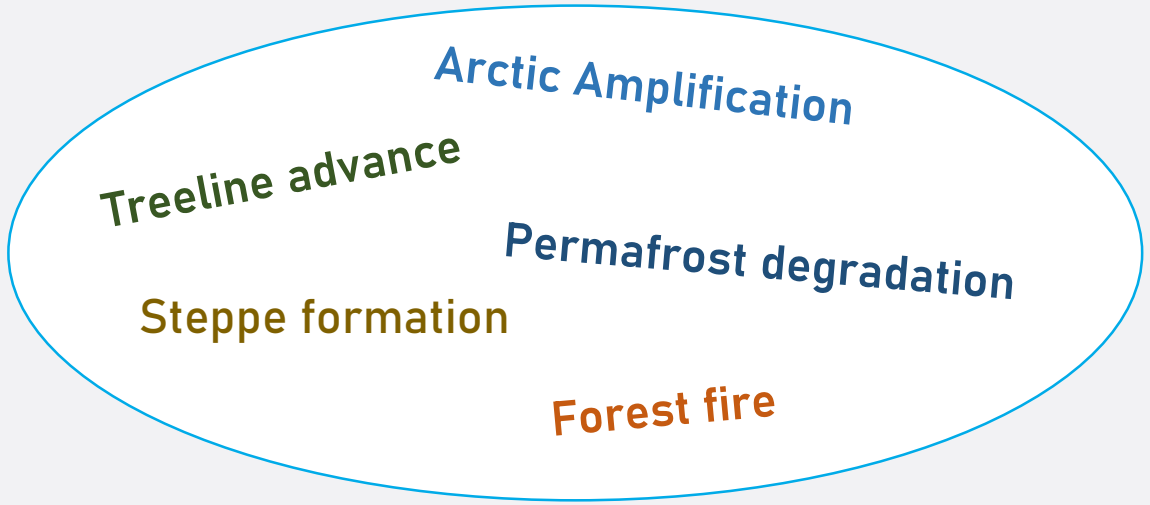
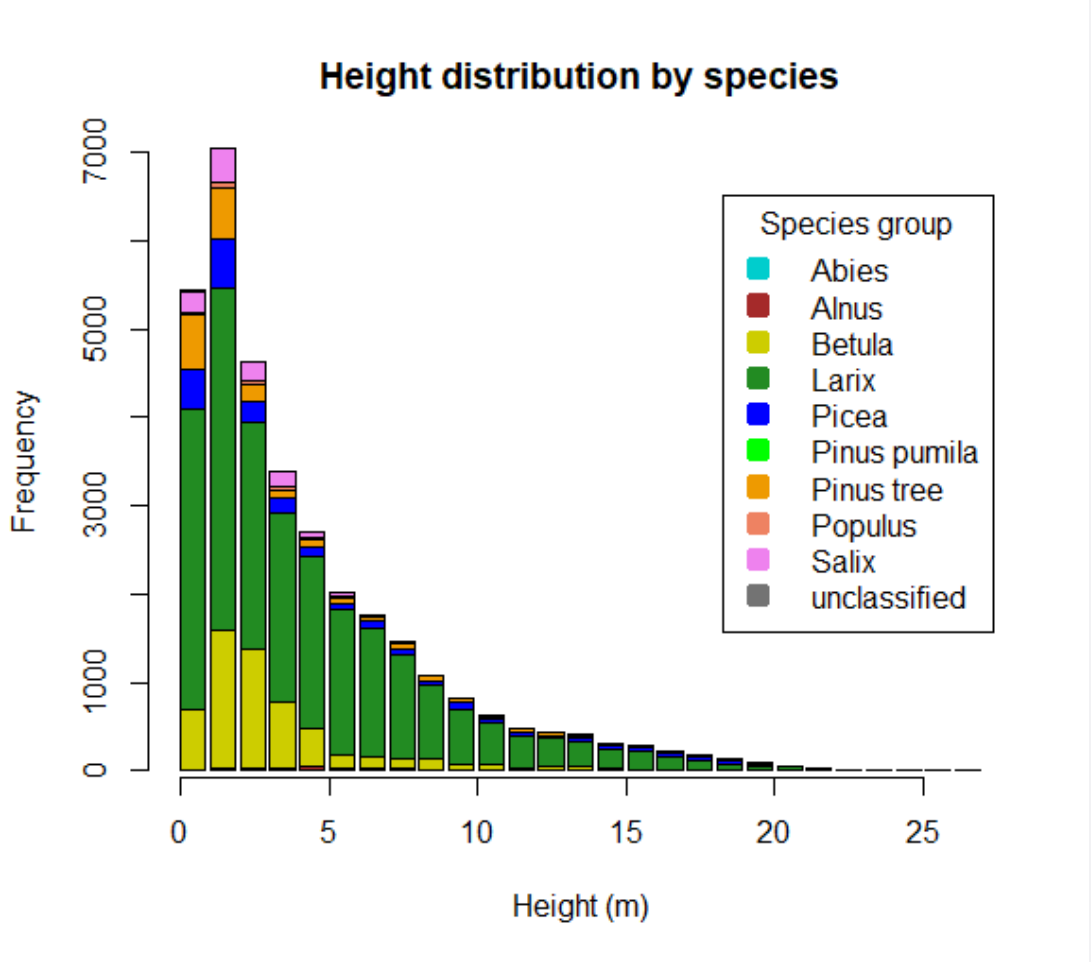
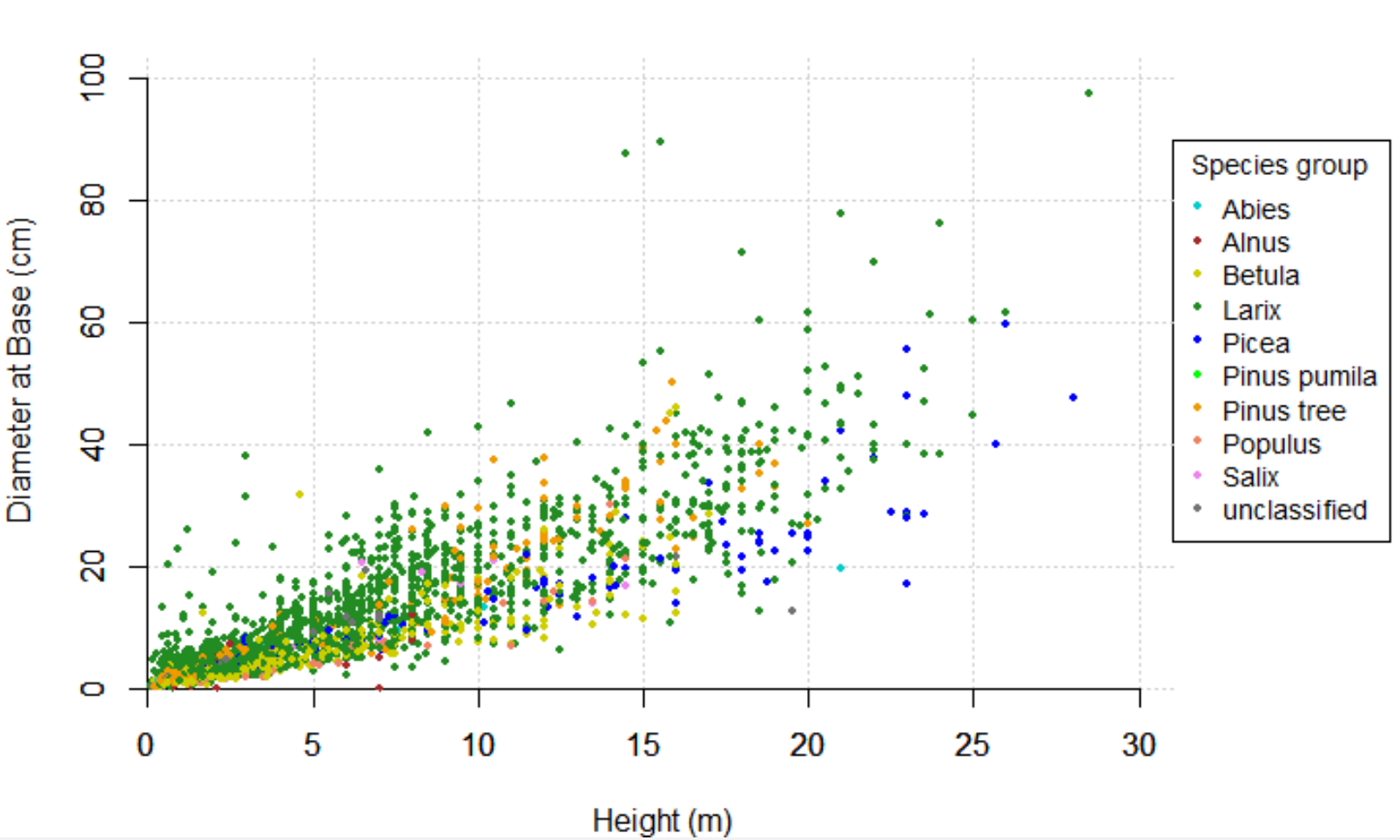



Photo by Timon Miesner 2021

A peek into the data



A peek into the data



Further Information

- Data description paper has been submitted to ESSD
- Data is being published as:

Miesner, Timon; Herzschuh, Ulrike; Pestryakova, Luidmila A; Wieczorek, Mareike; Kolmogorov, Alexei; Heim, Birgit; Zakharov, Evgenii S; Shevtsova, Iuliia; Epp, Laura Saskia; Niemeyer, Bastian; Jacobsen, Inga; Schröder, Julius; Trense, Darjona; Schnabel, Ellen; Schreiber, Xenia; Bernhardt, Nadine; Stuenzi, Simone Maria; Brieger, Frederic; Schulte, Luise; Smirnikov, Viktor; Gloy, Josias; von Hippel, Barbara; Jackisch, Robert; Kruse, Stefan **(2022): Tree data set from forest inventories in north-eastern Siberia.** ***PANGAEA*****,** https://doi.pangaea.de/10.1594/PANGAEA.943547 ***(dataset in review)***