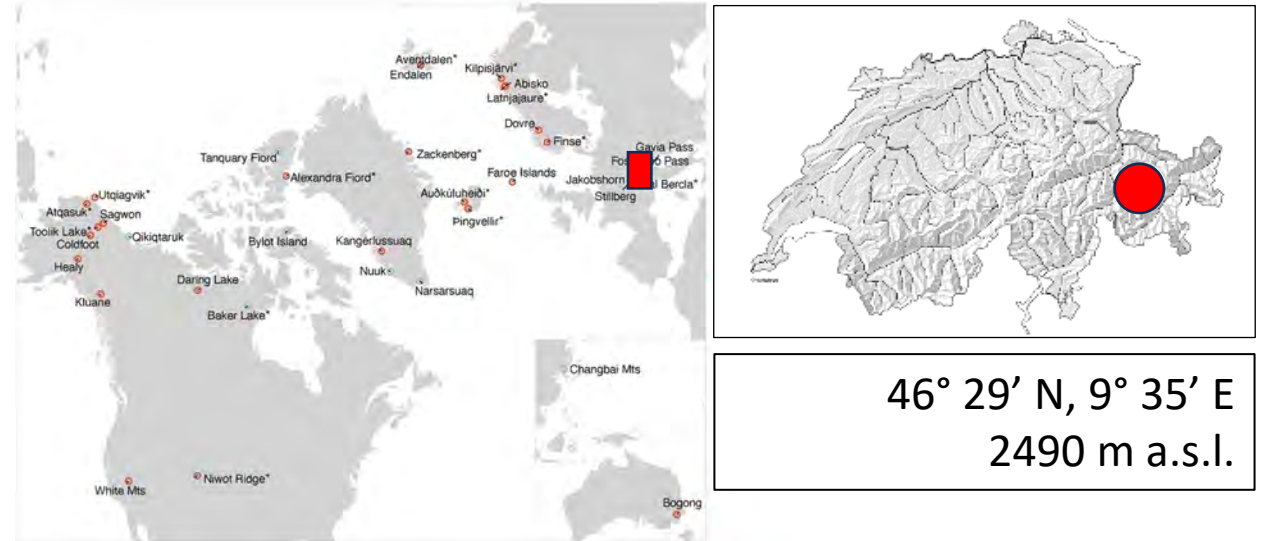


Three decades of vegetation change at the alpine ITEX site Val Bercla

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Site history: established 1994 (Stenström et al. 1997)
maintained since 2009 by Christian Rixen SLF

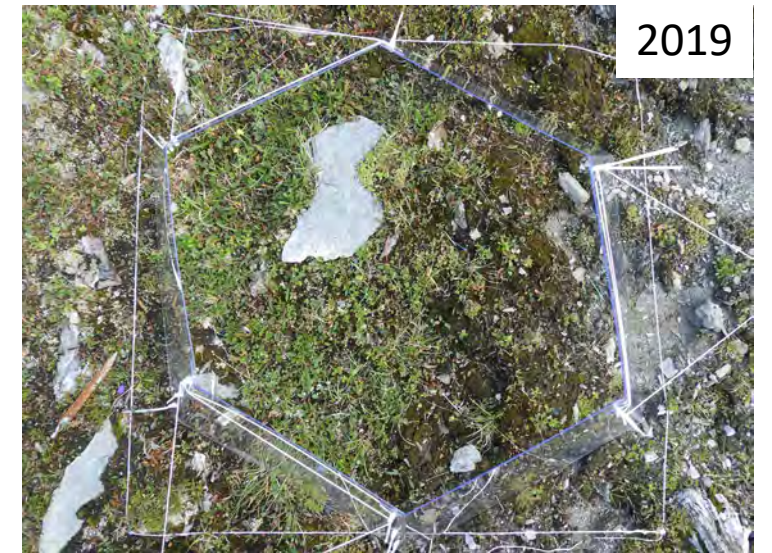
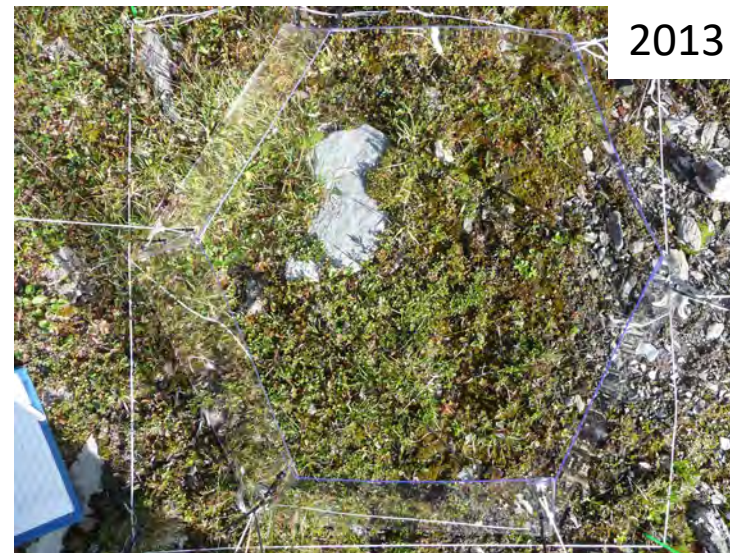
Site setup: 9 OTC plots, 9 control plots. OTCs set up during growing seasons, dismantled for winter to prevent damage

Temperature: 6.3 °C during growing season

Soil conditions: moist snowbed site

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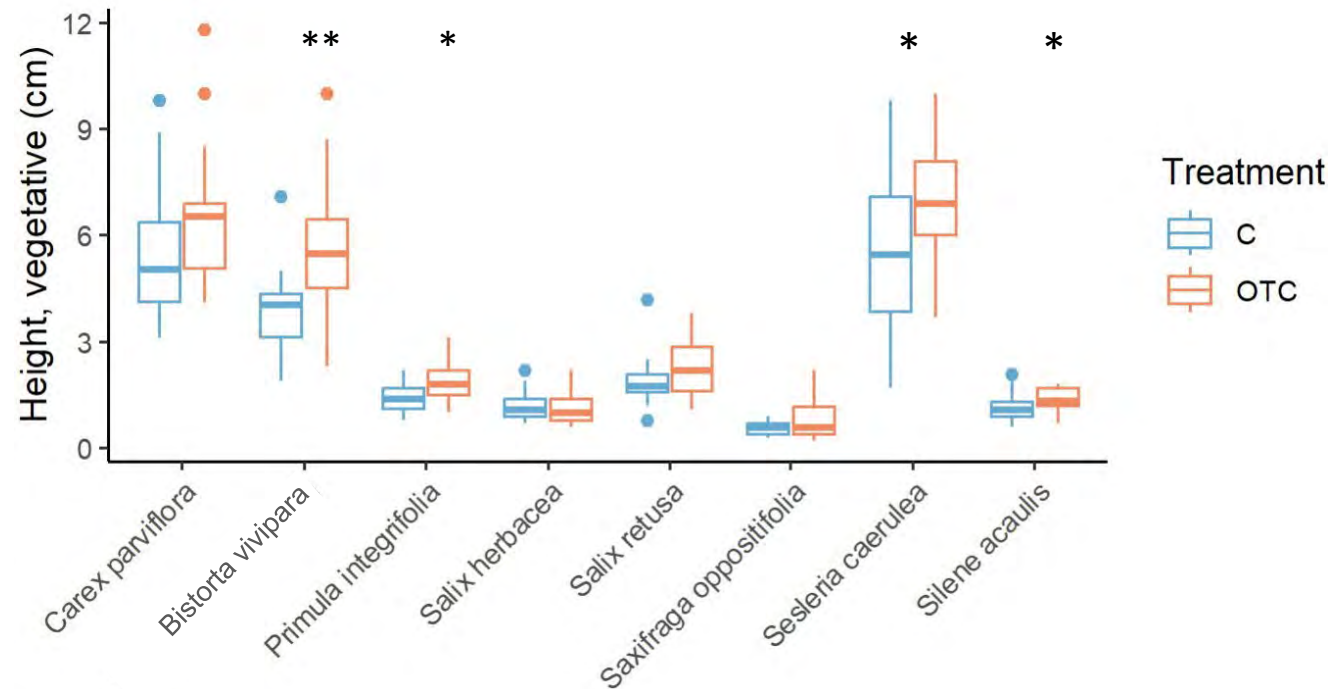
Plot cover change over 10 years of warming



→ Visible increase of plant cover (mainly shrubs) in warmed plots over time

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Response of plant heights to warming



Data from Val Bercla contributed to many ITEX synthesis papers.

→ Significant effects of warming on vegetative plant height in several species