Vegetation Community Change at Toolik Lake, Alaska

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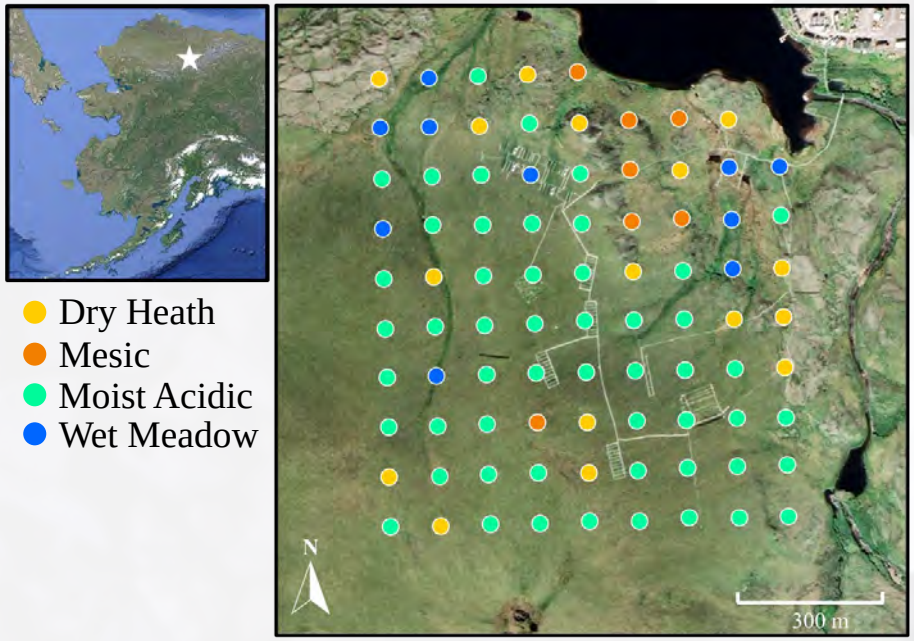
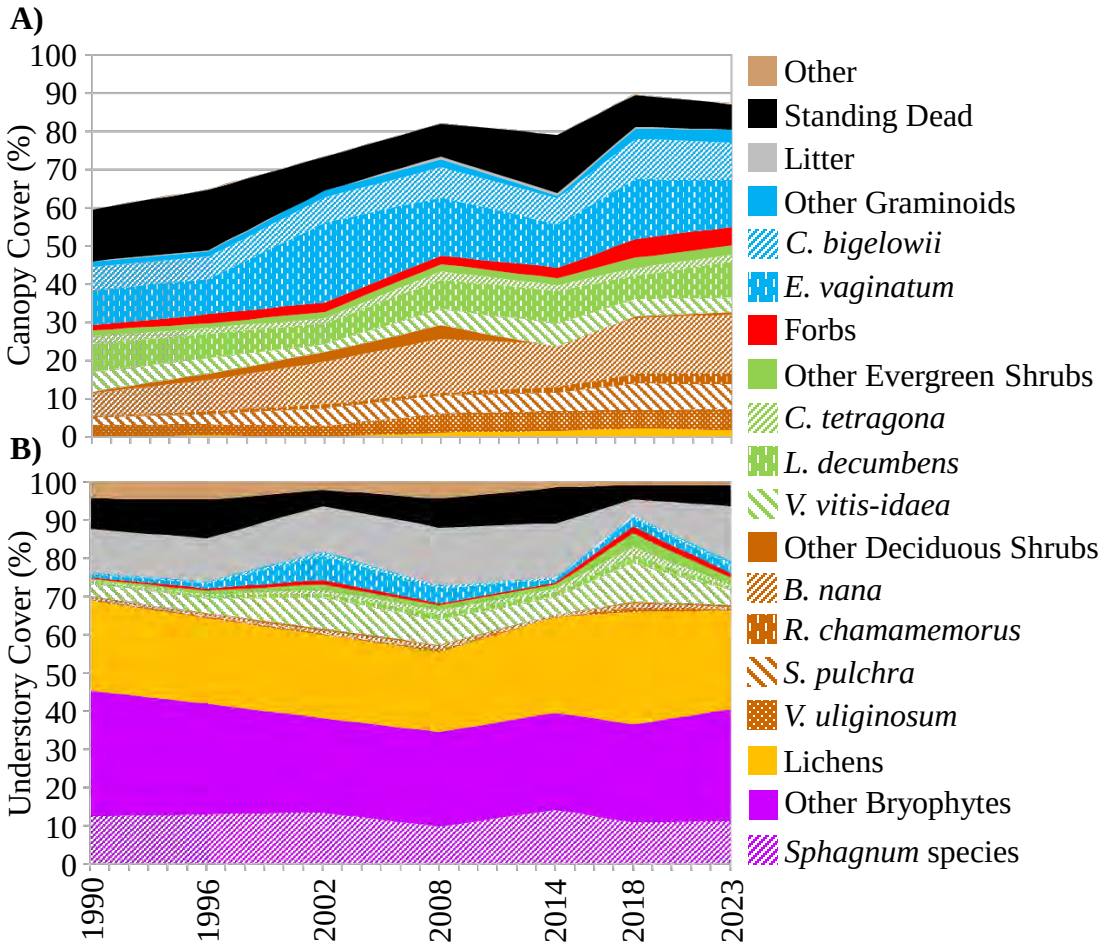
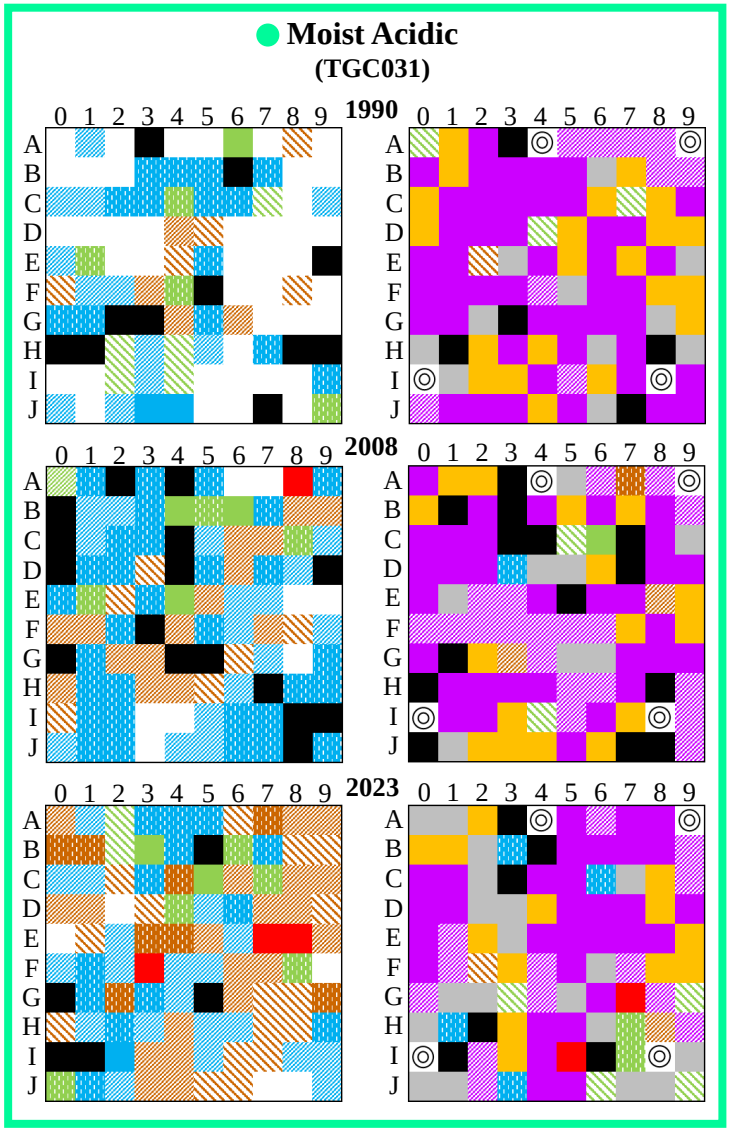
- We examined 85 plots near Toolik Lake, Alaska for changes in vegetation community composition and structure.
- We expected to observe trends similar to those found in experimental warming studies.



Results & Conclusion





- Canopy cover steadily increased over time (**Fig 3A**), but lichen and bryophyte cover persisted in the understory with no significant changes in cover (**Fig 3B**).

- Different species and growth forms are responsible for increasing canopy cover depending on the community type (**Fig 4**).