



Betty Ford Alpine Gardens CoNPS Update

September 18, 2020

Conservation Overview

- **Alpine Strategy**
 - Strengthening partnerships
 - Expanding conservation capabilities
- **Field activities**
 - Seed collections



The background of the slide is a close-up photograph of several small, vibrant blue flowers with yellow centers, growing from a rocky, textured surface. The rocks are light brown and tan, with some shadows cast across them. The flowers are in various stages of bloom, with some fully open and others as buds. The overall scene is bright and natural, representing an alpine environment.

The Alpine Strategy

- North American Botanic Garden Strategy for Alpine Conservation
 - Understanding and documenting alpine plant diversity
 - *In-situ* and *ex-situ* conservation
 - Education and outreach
 - Capacity building

Documenting Alpine Plant Diversity

- Mapping alpine areas of North America
- Creating list of all North American alpine plant species



In-Situ and *Ex-Situ* Alpine Plant Conservation

Conserving plants within and outside their habitats

- Surveys of Important Plant Areas
- Rare plant documentation
- Threat assessments and land designations
- Seed collecting



Capacity Building

The background of the slide is a close-up photograph of a low-growing plant with small, white, five-petaled flowers and green, succulent-like leaves. The plant is growing on a bed of light-colored, irregularly shaped rocks and pebbles. The lighting is bright, highlighting the delicate structure of the flowers.

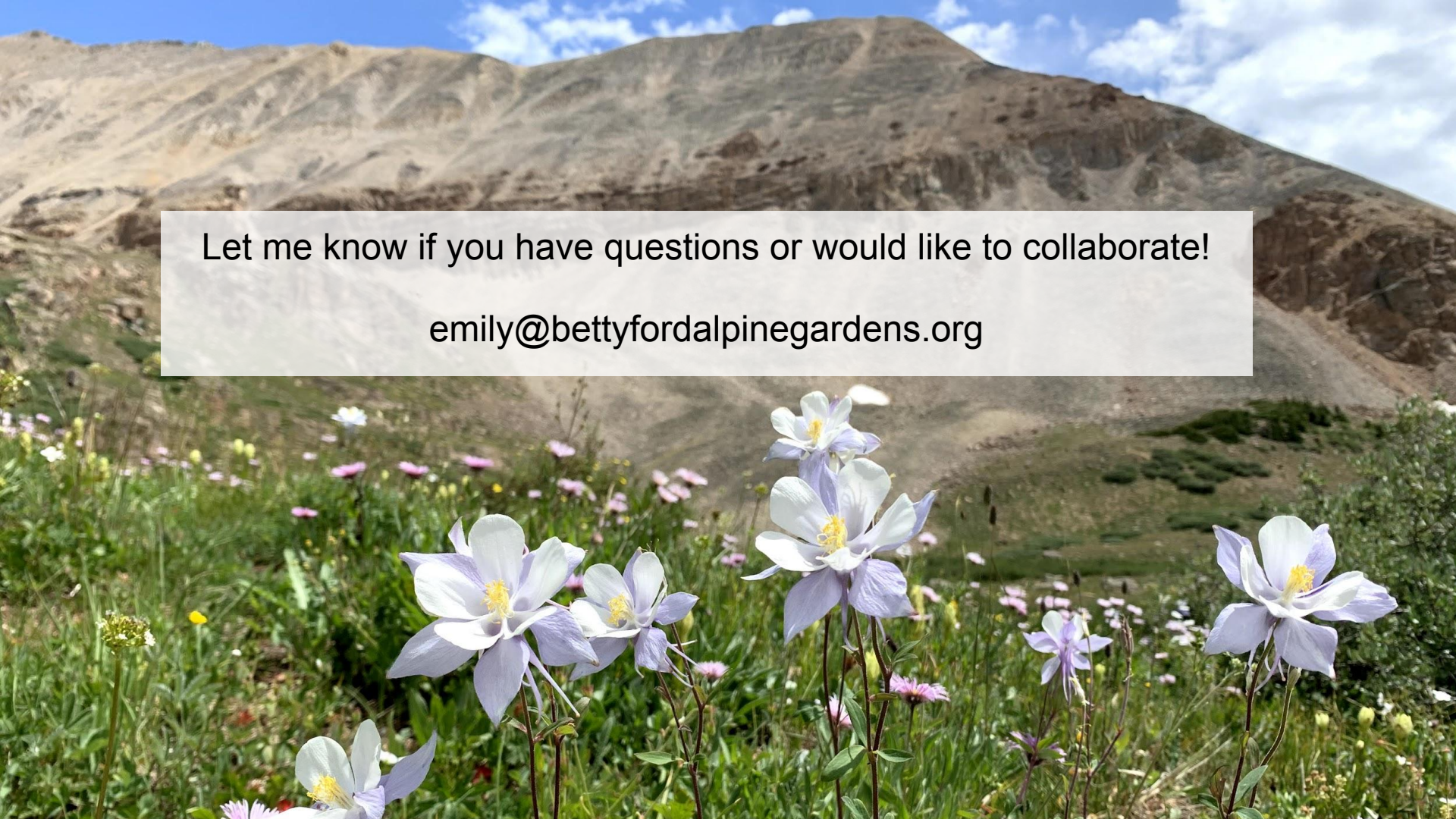
Strengthening Partnerships

- Field collections and surveys with Denver Botanic Gardens
- Collaborations with the Center for Plant Conservation and the National Laboratory for Genetic Resources Preservation at the USDA
- Data sharing agreement with Colorado Natural Heritage Program

Field Activities

- Collected 71 vouchers of 41 alpine species from 9 locations
- Collected seed August-Sept
 - 19 species already collected, will continue as long as weather permits
- Surveyed several Important Plant Areas of Colorado





Let me know if you have questions or would like to collaborate!

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