

## Pine Rockland Rare Plant Factsheet

The globally imperiled pine rockland ecosystem contains over 400 native plant species, 31 of these species are endemic, meaning they are found no where else in the world. Below are species profiles of three US endangered species that are endemic to the pine rocklands of Miami-Dade County.

**Scientific name:** *Amorpha herbacea* var. *crenulata*

**Common name:** Crenulate leadplant

**Distribution:** Southeast Miami-Dade County

**Habitat:** pine rockland, marl prairie

**Number of wild populations remaining:** 4

**Total plants remaining in the wild:** <500. Populations fluctuate with disturbances, like fire that open space for seedlings to establish.

**What is Fairchild doing to conserve the species:** reintroductions, yearly surveys to determine health of populations, ex situ conservation, germination studies, storing seeds, working with Connect to Protect members to secure plants on private land.



Crenulate leadplant flower.

**Scientific name:** *Chamaesyce deltoidea*

**Common name:** Wedge sandmat

**Distribution:** Southeast and southwest Miami-Dade County

**Habitat:** bare rock in pine rocklands

**Total remaining in the wild:** several thousand. Populations suffer losses when fire is suppressed.

**What is Fairchild doing to conserve the species:** population mapping, germination studies, conducting tissue culture trials at the Center for Research on Endangered Wildlife, sending seeds to the National Center for Genetic Resources Preservation for long-term preservation.



Wedge sandmat on bare rock in a Miami-Dade County pine rockland.

**Scientific name:** *Polygala smallii*

**Common name:** Tiny polygala

**Distribution:** southeast and southwest Miami-Dade County.

**Habitat:** bare sand pockets in pine rocklands

**Total remaining in the wild:** several hundred. Plants are short-lived. Populations may flush hundreds of seedlings some years, but few in others.

**What is Fairchild doing to conserve the species:** population mapping, habitat manipulation experiments



Tiny polygala growing in sand in a Miami-Dade County pine rockland.

### What Can YOU Do to Help Our Remaining Pine Rocklands?

- 1- Join the Connect to Protect Network.
- 2 - Support prescribed fire in pine rocklands.
- 3 - Encourage friends and family to plant pine rockland plants.
- 4 - Volunteer at Miami-Dade County and Fairchild habitat restoration workdays.

To join the Connect to Protect Network or to learn more, please visit [www.fairchildgarden.org](http://www.fairchildgarden.org)