

**Title:** Research Horticulturalist

**Department:** Botany Research

**Status:** Non -Exempt, Regular, Part-time, Hourly

**Supervisor:**

**Position Description:**

The Research Horticulturalist is responsible for the horticultural duties and tasks on the MNA campus, advancing the Museum's botanic research efforts, and managing a team of volunteers.

**Major Tasks and Responsibilities:**

Horticulture

- Collection and care of native seed to be used in grounds restoration and plantings.
- Grow out native plants from seed in greenhouses to be used around campus.
- Act as supervisor to the Colton Community Garden caretakers and volunteers.
- Act as a liaison for researchers using the Colton Research Garden.
- Manage irrigation systems in coordination with the facilities director.
- Maintain greenhouses and tools.
- Help maintain landscaping on the Museum grounds using the reconciliation ecology ideology (using native species that require little to no irrigation).
- Planting, weeding and care of the Museum living collection, including the Easton Collection Center living roof and garden beds, Coyote Range, Michael Moore medicinal garden, and Courtyards.
- Monitor phenology and promptly remove non-native species.

Research

- Initiate and/or strengthen MNA's involvement with current botanical research, especially as related to plants on the Colorado Plateau.
- Write and publish articles and reports related to research findings as opportunities arise.
- Complete work on current grants for Black Dropseed and Penstemon.
- In collaboration with development manager, seek out and apply for additional grants to further the efforts.

General

- Coordinate and manage volunteer activities as they relate to MNA's horticultural duties. Current volunteer days are Wednesdays 9:00 – 12:00 (Colton House) and Fridays 7:00 – 9:00 (Colton community Garden), but are subject to change.
- Build and maintain relationships with botany research entities in Flagstaff and northern Arizona including the U.S. Forest Service, the Arboretum at Flagstaff, the Nature Conservancy, the Plant Atlas Project of Arizona (PAPAZ), Master Gardeners, and NAU.
- Maintain and order supplies as needed.
- Develop and manage project budgets.



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- Act as an enthusiastic advocate and personal representative for the Museum in the community by promoting its resources, programs and services.
- Other duties as assigned.

#### Abilities

- Masters in Botany or Horticulture preferred, or commensurate experience.
- Must have previous horticultural experience.
- Must be able to lift heavy containers (30 lbs) and handle fragile items, sit, stoop or stand for extended periods of time.
- Visual acuity and ability to work at computers for extended periods of time.
- Knowledge of plant species native to northern Arizona and local noxious and invasive plant species desirable.
- Knowledge of irrigation systems desirable.

#### **Working Conditions:**

Generally work outdoors, approximately 20 hours per week. Odd hours and long days may occasionally be required.