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By:
Janet Lynn
NANSA Coordinator
Northern Arizona University
Ecological Monitoring & Assessment
Program & Foundation
What is NANSA?

Group of individuals, government agencies, non-profit organizations and commercial businesses that support the availability of genetically diverse native plant materials for restoration and conservation in Northern Arizona.
Northern Arizona Native Seed Alliance

NANSA Mission

- Research and develop native plants, and propagation and distribution methods for Northern Arizona landscapes
- Examine ways to produce and collect an appropriate and affordable product
- Educate land managers and the general public on the importance of native plants
Northern Arizona Native Seed Alliance

Program Coordinator

- Facilitate meetings and working groups
- Manage activities and outreach
- Coordinate with regional initiatives and projects
- Maintain communications among partners, cooperators and stakeholders
- Seek out grant opportunities
Northern Arizona Native Seed Alliance

Progress to Date

- Seven meetings since April 2007
- Representatives from 25 different groups
- Four Working Groups include:
  1. Administrative / Organizational
  2. Outreach and Education
  3. Supply and Demand
  4. Research
Active NANSA Participants

Arboretum at Flagstaff
Arizona Association of Conservation Districts
Arizona Department of Transportation
Arizona Ethnobotanical Research Association
Arizona Game & Fish Dept
Arizona Native Plant Society
Arizona State Land Department
BLM – Arizona Strip Field Office
Coconino Natural Resource Conservation District
Colorado Plateau CESU
EnvironSystems Management
Flagstaff Native Plant and Seed
Grand Canyon Trust
Museum of Northern Arizona
National Park Service – Grand Canyon NP
National Resource Conservation Service
NAU EMA Program & Foundation
NAU Ecological Restoration Institute
NAU Research Greenhouse Complex
NAU School of Forestry
The Nature Conservancy Hart Prairie Preserve
US Fish & Wildlife Service
US Forest Service – Coconino, Kaibab, Prescott NF
US Forest Service – Rocky Mt. Research Station
White Mt. Apache Tribal Forestry
Northern Arizona Native Seed Alliance

**In Progress**
- Strategic Planning Process
- White Paper / Executive Summary
- Website and Member Networking Site
- Online Volunteer Network
- Regionally Specific Native Species List
- Field trips and Workshops
- Outreach Presentations
- Regional Project Map
NANSA – Projects

NANSA Program Coordination
- AACD, CNRCD, NAU; $20,000

Northern Arizona Native Plant Materials Program
- USFS, MNA, Arboretum at Flagstaff; $75,000

Northern Arizona Economic Feasibility Study
- The EMA Program, School of Forestry; $25,000
Northern Arizona Native Seed Alliance

Proposed Project Funding for 2008/2009

- Grand Canyon National Park Native Plant Project: $10,500
- Upper Colorado Plateau Economic Feasibility Study: $25,000
- Post-wildlife seeding in the Intermountain West: trends, costs, effectiveness, use of native seeds: $50,000
- National Forest Foundation Community Assistance Grant: $5,000-$15,000
Regional Collaborations & Organizations on the Colorado Plateau
A multi-state, collaborative research project was initiated in 2001 to evaluate, select, and increase native seed production in the Great Basin.
THE UNCOMPAHGRE PLATEAU PROJECT

Native Plant Program
Species Status

- 50 species (grass, forbs, shrubs) under research

- 15 species ready for commercial growers
  - Mountain brome
  - Nodding brome
  - Sandberg bluegrass
  - Blue flax
  - Eastwood’s milkvetch
  - Many-lobed groundsel
  - Sulphur-flower buckwheat
  - Western yarrow
  - Muttongrass
  - Prairie junegrass
  - Slender wheatgrass
  - Bluestem penstemon
  - Hairy golden aster
  - Shaggy fleabane
  - Utah sweetvetch
Life History Studies

- Established at Fountain Green, UT and Rogers Mesa, CO - four replications of each species at each site.

- 15 species: blueleaf aster, Eastwood’s milkvetch, rough seed Cryptantha, sand aster, alpine golden buckwheat, cushion buckwheat, low fleabane, prairie junegrass, bladderpod, blue flax, silky lupine, lobe leaf groundsel, thrift mock goldenweed, western wheatgrass, dusty penstemon.
Cultivation Studies

- Established at Fountain Green, UT; BYU, UT; and Rogers Mesa, CO - four replications of each species at each site.

- 17 species: Prairie junegrass, Muttongrass, Needle-and-thread grass, Western wheatgrass, Alpine golden buckwheat, Blue flax, Bluestem penstemon, Cushion buckwheat, Dusty penstemon, Hairy goldenaster, Low fleabane, Lobe leaf groundsel, Oregon daisy, Scarlet globemallow, Silky lupine, Sulfur flower buckwheat, Utah sweetvetch.
Research Projects

- Defining Plant Communities and Conditions Requiring Restoration Studies
- Wildland Shrub Seed Increase Project
- Ecological, Morphological, and Genetic Adaptability Studies
- Restoration Measures and Technology Development
Facilities
Colorado Plateau Native Plant Initiative (CPNPI)

**Mission**
A Colorado Plateau that supports native plant communities and their associated species for future generations
Northern Arizona Native Seed Alliance

CPNPI

Utah

Arizona (NANSA)

Colorado

New Mexico
Regional Projects

Collaborations

- Utah Bureau of Land Management: Regional Coordinator for the Colorado Plateau

- U.S. Forest Service Regions 2 & 4: Collection locations within Arizona for genetic research

- Uncompahgre Plateau Project: Economic Feasibility Study of the Upper Colorado Plateau
Contact

Janet Lynn
NANSA Coordinator
Ecological Monitoring & Assessment Program
PO Box 5845
Flagstaff, AZ 86011-5845
928-523-0714
N.Az.NativeSeedAlliance@nau.edu