GPEP program positions on rare plant species

- 1. The GPEP program's primary goal is to work with conservation partners and on-site resource managers to protect wild plants as they occur in their natural habitat.
- 2. The GPEP program does not hold enforcement powers to uphold the endangered species act but carries out its work in voluntary collaboration with agencies and individuals with the GPEP program species.
- 3. The GPEP program invests in species protection where species are able to persist in their native habitat as they would have naturally occurred. It is not the intent of the GPEP program to preserve species *ex situ*.
- 4. The GPEP program supports thoughtful, planned reintroductions of the GPEP species. Increasing population numbers takes into account the variables based on current understanding of conservation genetics and current knowledge of the individual's maternal line. We do not support unplanned outplantings.
- 5. Species that are extirpated in the wild and solely dependent on cultivation for its survival are not considered priorities of the GPEP program.
- 6. The GPEP program acknowledges the importance of public outreach and strives to balance sharing information about endangered species recovery projects with the intentional and unintentional harm that might come to the species through increased exposure. For this reason, it is not the GPEP program's policy to share specific location information with the general public.

GPEP Program Collaborators:

Guam Rare Plant Restoration Group

University of Guam
College of Natural and Applied Sciences
UOG Herbarium

Guam Department of Agriculture, Forestry and Soil Resources Division

Naval Facilities Engineering Command Marianas (NAVFAC)

U.S. Fish & Wildlife

Hawaii Plant Extinction Prevention Program (HPEP)

Hawaii Department of Lands & Natural Resources

United States Air Force Pacific Air Force 36th Civil Engineer Squad (USAF PACAF 36 CES/CEVN)

United States Department of Agriculture USDA-Natural Resources Conservation Service (NRCS)

United States Department of Agriculture, Animal and Plant Health Inspection Service (APHIS)









GUAM PLANT EXTINCTION PREVENTION PROGRAM

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GUAM PLANT EXTINCTION PREVENTION PROGRAM



Serianthes nelsonii



Protecting Guam's Rarest Plant

Mission Statement

The Guam Plant Extinction Prevention (GPEP) program is a island-wide program dedicated to preventing the extinction of Guam's rarest plant species that have fewer than 200 individuals remaining in the wild. We work with conservation partners to protect wild populations, preserve their genes, and reintroduce plants to their natural habitat

What we do:

The GPEP program engages in five primary activities to carry out its operations:

- 1. Monitor
- 2. Collect
- 3. Survey
- 4. Manage
- 5. Reintroduce

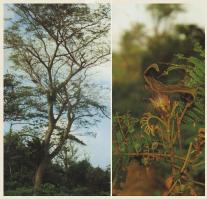
Why Protect Endangered Species?

Protecting biodiversity is an essential part of natural resources management. This requires knowledge of:

- 1. Benefits of natural diversity
- 2. Contributions to medicine
- 3. Biodiversity and agriculture
- 4. Environmental monitors
- 5. Ecosystem services
- 6. Other economic values
- 7. Intangible values

NINE RAREST PLANTS IN GUAM

High priority plant species of the Guam Plant Extinction Prevention Program based on the input from the Guam Rare Plant Restoration Group during January I to June 20, 2011



Serianthes nelsonii



Cyathea lunulata



Fagraea berteriana var. ladronica



Heritiera longipetiolata



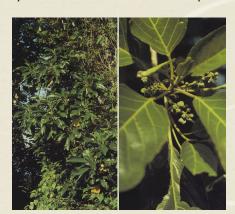
Psychotria hombroniana var. malaspinae



Maesa walkeri



Zehneria guamensis



Claoxylon marianum



Drypetes dolichocarpa