



Penstemon azureus

American Penstemon Society
Guidelines for a One-Year Special Project
2011-2012

Index

Introduction	page 2
Format for Proposal	page 3
Priority Areas	page 4
About Submitting the Grant	page 5
Six-Month Report Form	page 6
Final Report Form	page 7
Prior awards	page 8-9
Call for proposals: Poster	page 10



Penstemon wrightii

Introduction

This is the third year in which the American Penstemon Society (APS) is funding one-year Special Projects designed to be of use to members of the Society, to help protect endangered species of penstemons, and/or promote the understanding and appreciation of penstemons.

Any member of APS may submit a grant application and an individual or organization may join the Society in order to submit a grant.

Three to four grants are funded each year. Typically awards range from \$250-\$1,000.

All the material needed to submit a grant is included in this document.¹ Please follow the guidelines.

A list of awards for the past two years is included and may help guide the new applicant.

Also included are outlines of six-month and one final progress reports. Funding for the second six months is contingent upon submission of a six-month report and evidence of having made reasonable progress.

¹ This document also can be found at the APS website www.apsdev.org



Penstemon azureus

**American Penstemon Society
Special Projects Grant
July 1, 2011-June 30, 2012**

Format for Proposal

Name of Project

Select a name that is brief and descriptive

Identify priority area(s) addressed by your project²

Contact information of person(s) submitting proposal

Name(s)

Mailing addresses

Email addresses

Phone numbers

Amount of funding requested for the year

Background and Rationale

Provide sufficient background for the proposed project to support the need for and importance of the project. Be sure to include a discussion of how the project will:

be of use to members of the American Penstemon Society, help protect endangered species of penstemons, and/or promote the understanding and appreciation of penstemons.

Measurable Objective (s)

Succinctly state what the project is designed to achieve. Keep in mind you must have a method for measuring your achievement of the objective(s). Grants typically need only one or two objectives. They should be as simply stated as possible. Care should be taken not to be overly ambitious.

Methods and Timeline

Step-by-step description of what you will be doing and when.

Evaluation (to determine if objective(s) has been met)

How you will measure the achievement of your objective(s). This is an important component of the grant request; however evaluation methods may be quite simple. You may opt to use more than one measure.

Itemized Budget

Tell us how much you are requesting and exactly how that will be spent.

Brief description of qualifications of person(s) submitting project

Frame this description to demonstrate the qualifications of the individual(s) who will have primary responsibility for the project.

² **Priorities will be given to:**

Proposals that fall within one or more of the areas listed on p 4 of this document
Outcomes that will be practical and useful to members of the American Penstemon Society
Projects that address the preservation of endangered species penstemons



Penstemon azureus

American Penstemon Society Priority Areas for Special Project Grants

Special Project Topics

1. Means for helping to protect and preserve natural populations of penstemons, especially endangered species
2. Practical horticultural information, including cultivation, germination and garden placement
3. A way or ways to enhance connections and communication between and among members; for example, establishing a regional group, organizing a regional meeting, sponsoring a plant sale, or developing Power Point presentations for use by members, gardening organizations, or schools
4. Botanical or horticultural research which provides useful and interesting information for the penstemon gardener, for example determining the effect of pre-emergents on penstemons (adults or seedlings), effective ways to amend soils, better defining how much moisture selected penstemons need/tolerate in various soils, which penstemons hybridize
5. Ways to promote the enjoyment of penstemons, for example expanding the photo library on the web, developing a booklet describing recommended hikes within a specific geographical area, writing an annotated bibliography of relevant books
6. User-friendly identification tools, such as a penstemon species identification key for specific locales
7. Penstemon ecology, for example reporting on pollinators or interactions of penstemons with other plants and animals
8. Penstemon display gardens, for example compiling a list of botanical gardens and/or private gardens open to visitors, designing and erecting signage to explain the genus penstemon, design of materials for students
9. Liaisons with nurserymen that will encourage and enable them to expand their penstemon offerings (plants and seeds), for example designing an informational booklet for this group or a section of the website for this purpose
10. Print or electronic media for the lay person which interprets and reports recent and important botanical information about penstemons and explores the implications for the penstemon gardener -- for example which penstemons are most closely related as determined by DNA analysis

No project of merit will be eliminated because it does not fit into one of the objectives listed above.

Those submitting requests for funding must be members of the American Penstemon Society. You may join in order to submit a project
For further information: www.apsdev.org



Penstemon azureus

About Submitting the Grant*

Grant Submission Period	March 1, 2011-May 31, 2011
Award Announcements	mid June, 2011
Award payment periods	The first half the award will be sent as close to July 1, 2011 as possible. The second payment will be made January 1, 2012 and is contingent upon receipt of a brief progress report demonstrating reasonable progress.

Where and how to send a grant proposal

Email to
blewis@iriscolorado.com
 or
 Hard copy to:
 Barbara Lewis
 10918 N Sunshine Drive
 Littleton, CO 80125

Acknowledgement of receipt of grant proposals will be made via email.

Questions addressed to Barbara Lewis

Email
 USPS mail
 Phone 303-903-9278

***Those submitting proposals must be members of the American Penstemon Society. Individuals may join APS (\$15/year) in order to submit a grant proposal. Any member of an organization, but not a society or garden club, for example a botanical garden, having membership in APS may submit a proposal at no cost to that individual.**

Membership information: www.apsdev.org



Penstemon isophyllus

**American Penstemon Society
Special Project
Six-month Report Form**

Name of Special Project

Project Beginning and Ending Dates

Objective(s)

Description of activities completed

Results: what has been achieved in the first six months and what has been learned

Anticipated activities for the next six months

Please include name of person submitting the report and reliable contact information.

Submit to:

Barbara Lewis (303-903-9278)

10918 Sunshine Drive

Littleton, CO 80125

or

blewis@iriscolorado.com



Penstemon isophyllus

**American Penstemon Society
Special Project
Final Report Form**

Name of Project

Project Beginning and Ending Dates

Brief Summary Objectives, how measured and results

Narrative Details to include the following:

Objectives Restate objective and explain in needed detail

Description of Methods and/or Activities and Evaluation Measures Explain in needed detail

Results These should be based on the outcomes of your evaluation measures.

Discussion: author's thoughts, interpretation of findings, and suggestions; this is the creative and subjective portion of your report

Please include name of person(s) submitting the report and reliable contact information.

Report to be submitted via email

Barbara Lewis

10918 Sunshine Drive

Littleton, CO 80125

blewis@iriscolorado.com

303-903-9278

Prior Awards

Fiscal year 2009-2010

1. Name of Project Penstemons in the Home Garden Demonstration.

Measurable Objective Our objective for this project is to create a permanent and ongoing garden display that will educate our visitors on the placement of native Penstemon species in high elevation gardens through both signage and demonstration. As an outcome of this project, we hope that our visitors will come to understand the benefits and ease of using native Penstemon in their home gardens.

Grantee The Arboretum at Flagstaff

2. Name of Project Pollination biology of *Penstemon clutei* a rare endemic beardtongue

Measurable Objective The objective of this study is to identify the primary pollinators of Sunset Crater beardtongue (*Penstemon clutei*) and determine whether they are necessary to effect fruit production

Grantee Ecological Restoration Institute at Northern Arizona University

3. Name of Project Graham's Penstemon Habitat Preservation Project

Measureable Objective Establishment of formally protected areas to preserve remaining Graham's penstemon populations and habitat.

Grantee Center for Native Ecosystems

Fiscal year 2010-2011

1. Name of Project Testing germination protocols for endangered, threatened or rare *Penstemon* species and adding to the National Center for Genetic Resources Preservation seed bank

Measurable Objective Denver Botanic Gardens' staff will test five germination protocols on at least 5 species of endangered, threatened or rare penstemon to determine the most effective germination method for each species. Old seeds from the NCGRP will be tested as well to compare germination of previously banked seeds with newly collected seeds of the same species. New seed will be collected for the experiment as well as for seed banking with NCGRP.

Grantee Denver Botanical Gardens

2. Name of Project Parachute Penstemon Conservation Campaign

Measurable Objective Protection of Parachute penstemon under the Endangered Species Act and preservation of its remaining habitat on the Roan Plateau.

Grantee Center for Native Ecosystems

3. Name of Project Burlington FFA Cooperative Penstemon Project

Measureable Objective FFA students will be able to identify penstemons and learn how to propagate them from seed in the greenhouse. The general public will learn the growth habits and environmental requirements of penstemons and understand their use in all types of garden settings. Emphasis will be placed on the value of native species in regards to aiding the local pollinator populations and wildlife benefits of food and shelter. Plant diversity will be stressed as well as thrifty watering techniques. We expect at least a dozen gardeners to add penstemons to their landscapes.

3. Grantee Colorado State University Extension Golden Plains Area & Kit Carson County Master Gardener

4. Name of Project UBCBG³ Dasanthera Penstemon breeding program

Measurable objective I am embarking on a multi-year program of assembling various penstemon taxa of cultivated and wild origin and hybridizing a select group of them. I hope to create useful, improved plants for commerce and wider appreciation by the gardening public. I also hope that this effort will bring Dasanthera penstemons wider attention for their attractive habits and floral qualities.

The Society's grant is to be focused on travel costs associated with sourcing wild origin penstemon taxa in BC's southern interior. Targeted populations are located as far as 250 miles from UBCBG's Vancouver breeding and trial site

Grantee E.H. Lohbrunner Alpine Garden University British Columbia Botanical Garden, Vancouver, BC, Canada

³ E.H. Lohbrunner Alpine Garden UBC Botanical Garden, Vancouver, BC, Canada

American Penstemon Society

Call for ENTRIES

Applications Received March 1, 2011 – May 31, 2011
Awards Announced on or about June 1, 2011
Projects begin July 1, 2011 and end June 30, 2012



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- SUBJECT** **One-year grants to support projects of modest dimension that will enhance, expand or otherwise contribute to the APS objective of promoting the enjoyment of penstemons**
- AMOUNT** **\$100-\$1,000**
- ELIGIBILITY** **All members of the American Penstemon Society**
You may join to enter @ \$15/year
- CONTACT** **www.apsdev.org Click on Special Projects** (to be posted Oct 1)
Barbara Lewis lewisorders@iriscolorado.com (unavailable Oct 1-Dec 15)
Lynn Ackerman LynnMAckerman@comcast.net

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