



Natural Resources Conservation Service  
 100 East B Street, Room 3124  
 PO Box 33124  
 Casper, Wyoming 82602

July 16, 2009

**WYOMING BULLETIN NO.: WY-190-09-02**

**SUBJECT:** ECS – Plant Materials – Seed Collections Requests

**TO:** All Employees

**PURPOSE:** To request seed collections for the Bridger Plant Materials Center and the Upper Colorado Environmental Plant Center Programs

**EXPIRATION DATE:** September 30, 2009

**ACTION REQUIRED BY:** September 30, 2009

The Plant Material Program’s purpose is to provide native plants that can help solve natural resource problems.

Seeds are collected from plants that have specific traits, which are judged to be superior in their setting. It takes about a dozen collections of each species to conduct a good comparative trial, so seed collection is critical in the continued testing and eventual release of cultivars. The NRCS field offices play a vital role in the collection, continued testing, and selection of native species that help to conserve our natural resources.

The **Bridger Plant Materials Center (PMC)**, Bridger, Montana, has identified the following plant species for field collection in 2009 from Montana and Wyoming:

**Bridger PMC, Montana:**

<u>Species Name</u>	<u>Plant Symbol</u>	<u>Common Name</u>
<i>Astragalus diversifolius</i>	ASDI5	meadow milkvetch
<i>Astragalus canadensis</i>	ASCA11	Canadian milkvetch
<i>Astragalus convallarius</i> var <i>convallarius</i>	ASCOC9	lesser rushy milkvetch
<i>Pediomelum argophyllum</i>	PEAR6	silverleaf Indian breadroot
<i>Pediomelum esculentum</i>	PEES	large Indian breadroot
<i>Penstemon laricifolius</i>	PELA9	larchleaf penstemon
<i>Psoralidium tenuiflorum</i>	PSTE5	slimflower scurfpea
<i>Pseudoroegneria spicata</i>	PSSP6	bluebunch wheatgrass
<i>Vitis riparia</i>	VIRI	riverbank grape

The *Astragalus*, *Penstemon*, and *Vitis* species are new to the list this year. *A. diversifolius* is rare (G3 ranking) and likely to be found in moist, often alkaline meadows and swales in sagebrush valleys, 4400 - 6300 ft. It has been collected from the Green River Valley, Wyoming. Please contact Jim Jacobs before collecting this species. *A. canadensis* is widely distributed in moist prairies, open woodlands, roadsides,

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and streambanks mostly in western Wyoming. *A. convallarius* var *convallarius* grows on hills, slopes, meadows at 4,300 – 7,000 ft, and has been collected in Uinta County, Wyoming. *P. laricifolius* occurs in sandy, often limestone-derived soils in juniper, curl-leaf mountain mahogany and little sagebrush woodlands and shrublands typically between 4,500 – 6,000 ft and has been found in Park, Big Horn, and Fremont Counties, Wyoming. *V. riparia* is common on moist woodland edges and openings, areas along rivers, lakes, ditches, along fence rows, along roadsides, and railroads.

The **Upper Colorado Environmental Plant Center (UCEPC)**, Meeker, Colorado, is requesting seed collections of the following plant species for field collection in 2009 from Colorado, Wyoming, and Utah.

**Upper Colorado Environmental Plant Center, Colorado:**

<u>Species Name</u>	<u>Common Name</u>
<i>Pascopyrum smithii</i>	western wheatgrass
<i>Koeleria macrantha</i>	prairie Junegrass
<i>Pseudoroegneria spicata</i>	bluebunch wheatgrass
<i>Pleuraphis jamesii</i>	galleta grass

Refer to Wyoming Plant Materials Technical Note Number WY-11, “The NRCS Field Guide to Collecting Wildland Seed” for information on how to collect. Be sure to complete in full the **NRCS-ECS-0580, Plant Collection Information Form**. This form is available in the WY Plant Materials Technical Note 11 or <http://www.plant-materials.nrcs.usda.gov/intranet/Publications/ecs580.pdf>. Photos, ID, and timing of bloom information about the species requested from Bridger PMC can be found on the Montana Plant Materials website: <http://www.plant-materials.nrcs.usda.gov/mtpmc/>.

If you have any questions on the seed collection, please contact the appropriate representative for the Center for whom you are collecting. Contact either Jim Jacobs, Montana and Wyoming Plant Materials Specialist, at 406-587-6995, by email at [jim.jacobs@mt.usda.gov](mailto:jim.jacobs@mt.usda.gov); or call the Bridger PMC at 406-662-3579; or contact Steve Parr, UCEPC Manager, at 970-878-5003 or by email at [Steve.Parr@co.nacdnet.net](mailto:Steve.Parr@co.nacdnet.net)

Plant Material Centers, with the assistance of field offices, will continue to grow and provide essential tools to address issues such as carbon sequestration, erosion reduction, wetland restoration, water quality improvement, streambank and riparian area protection, and other special conservation treatment needs.

We appreciate your support of the Plant Materials Program.



J. XAVIER MONTOYA  
State Conservationist

cc: Gerald Jasmer, SRC, NRCS, Casper, WY  
Jim Jacobs, PMS, NRCS, Bozeman, MT  
Roger Hybner, Bridger PMC Manager, Bridger, MT  
Steve Parr, UCEPC Manger, Meeker, CO

DIST: S, A, F