

Herbaceous Ornamental Crop Germplasm Committee Curator Report
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From July 1, 2011 to June 30, 2012, 139 seed orders were filled for herbaceous ornamental genera from the Western Regional Plant Introduction Station (WRPIS) (see Table 1). Requests from individuals were 45% of the orders for this material. During the same time period, we received new material from the Bureau of Land Management Seeds of Success program (<http://www.blm.gov/mt/st/en/prog/botany/sos.html>) of *Achillea* (5 acc.), *Balsamorhiza* (3 acc.), *Erigeron* (3 acc.), *Geum* (1 acc.), *Purshia* (11 acc.), and *Salvia* (8 acc.), a total of 56 new native accessions. In the past year we have sent 95 accessions to the National Center for Genetic Resources Preservation in Fort Collins, CO for long term back-up. Table 2 is a summary of the status of ornamental/potentially ornamental collections at WRPIS. We are working on making the *Salvia* and other collections available. Currently we have plots of *Salvia*, *Achillea*, *Allium*, *Camassia*, *Erigeron*, *Eriogonum*, *Epilobium*, *Papaver*, *Purshia*, and *Thymus* in our regeneration/increase nurseries (Fig. 1). In addition to seed increase we are collecting images and taking herbarium samples for a majority of the accessions.

At the Pullman Plant Introduction Station, we have had two staffing changes in the past year; Dr. Steve Clement, the station entomologist and his technician Leslie Elberson have both retired. Dr. Clement will not be replaced but the technician position will be filled and transferred to Dr. Jingou Hu's program, our Unit research leader and research geneticist. WRPIS is currently responsible for a total of 1,084 genera, 4,637 species and 92,794 accessions.



Figure 1. Increase plots of PI 495904 *Purshia tridentata* and W6-23153 *Salvia* sp. growing in Pullman, WA 2011.

Table 1. Summary of seed distributions for July 1, 2011 to June 30, 2012.

Genus	Common name	Use or potential use	No. of orders	No. of seed packets distributed		
				US	Foreign	Total
<i>Achillea</i>	Yarrow	Perennial, cut flower, dried	9	15	1	16
<i>Allium</i>	Wild Onion	Container, perennial, rock garden, cut flower, dried	54	64	50	114
<i>Callistephus</i>	China-aster	annual	1	2	0	12
<i>Camassia</i>	camass	Cut flower, perennial	3	5	0	5
<i>Castilleja</i>	paintbrush	Novelty plant, cut flower	1	12	0	12
<i>Centaurea</i>	Bachelor's-button	Cut flower, annual	2	2	0	2
<i>Erigeron</i>	fleabane	Rock garden	1	3	0	3
<i>Eriogonum</i>	buckwheat	Rock garden, xeriscaping	7	7	0	7
<i>Eschscholzia</i>	California poppy	Annual	5	5	0	5
<i>Glaucium</i>	Horned poppy	Annual & perennial	2	2	2	4
<i>Geum</i>			2	2	0	2
<i>Helianthemum</i>			1	0	1	1
<i>Lavendula</i>	Lavender	Dried, perennial	4	3	1	4
<i>Limonium</i>	Statice	Dried, xeriscaping	1	1	0	1
<i>Nigella</i>	nigella	Dried, annual	7	11	14	25
<i>Papaver</i>	poppy	Annual & perennial	10	18	0	18
<i>Salvia</i>	salvia	Annual & perennial, container	23	31	8	39
<i>Scabiosa</i>	Pincushions	Cut flower	1	0	2	2
<i>Thymus</i>	Thyme	Ground cover	5	7	0	7
		TOTAL	139	190	79	279

Table 2. Summary of the status of ornamental/potentially ornamental collections at WRPIS.

Genus	Total no. of accessions	No. available accessions	No. accessions with back-up sample
<i>Achillea</i>	77	57	59
<i>Balsamorhiza</i>	41	18	37
<i>Callistephus</i>	17	2	17
<i>Camassia</i>	10	3	4
<i>Castilleja</i>	26	20	25
<i>Centaurea</i>	4	2	3
<i>Epilobium</i>	10	5	7
<i>Erigeron</i>	57	43	55
<i>Eriogonum</i>	174	93	172
<i>Eschscholzia</i>	5	3	4
<i>Geum</i>	7	2	5
<i>Glaucium</i>	12	3	4
<i>Helianthemum</i>	2	2	1
<i>Lavandula</i>	3	2	
<i>Limonium</i>	5	3	5
<i>Nigella</i>	35	8	2
<i>Papaver</i>	341	289	282
<i>Purshia</i>	43	18	42
<i>Salvia</i>	130	44	56
<i>Scabiosa</i>	12	4	11
<i>Thymus</i>	31	10	9

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