

2025 Rare Plant Monitoring and Seed Collecting Annual Report

Washington Rare Plant Care & Conservation

SUMMARY

2025 marked the 25th year of Washington Rare Plant Care and Conservation Program's (Rare Care) community science rare plant monitoring project. The goal of this project is to provide critical information on the status and distribution of rare native plants in Washington State. Working in partnership with the Washington Natural Heritage Program alongside local, state, and federal land managers, Rare Care trains volunteers to monitor and report on rare plant populations across the state. Our citizen scientists ended the quarter century with a successful season of rare plant monitoring and seed collecting.

This year, 70 volunteers submitted 122 reports on 76 different species. Volunteers successfully relocated populations at 72% of sites surveyed, our highest relocation success rate since the program began in 2001. Four percent of sites were not reached, 2% were unable to be fully identified to the target species, and 22% of populations were not relocated. Of populations relocated, our volunteers found 1 or more potentially new subpopulations at 15 sites. Additionally, volunteers found 15 potentially new populations that have not been previously recorded.

An estimated 39% of populations found were larger in size compared to when last observed, 20% were smaller in size and 9% were similar. Comparisons for the remaining 32% of populations cannot be made due to either unknown previous population size, a new population, or different subpopulations surveyed and thus sizes could not be compared appropriately.

Rare Care's annual monitoring weekend explored the Okanogan Highlands in the Tonasket Ranger District of Colville National Forest and nearby Bureau of Land Management property. We visited this area 10 years ago, but on this visit, we came earlier in the year to target early-summer flowering species. Over three days, volunteers completed 16 reports and relocated 11 populations.

Our sixth year of virtual training was offered in late February. We trained 27 new volunteers and eight returning volunteers. We also held two in-person field skills training courses, with 21 volunteers joining overall, and two seed collection training courses, with 16 volunteers total.

In 2025, Rare Care added 28 new collections of seeds (each representing one population) to the Miller Seed Vault by our volunteers, staff, and partners.



Laura Potash, Scott Luchessa, and Tracy Maynard searching for yellow-flowered crazyweed (*Oxytropis campestris* var. *gracilis*) during Rare Care's Monitoring Weekend in the Okanogan Highlands. Photo: Mark Turner

SEASON SYNOPSIS

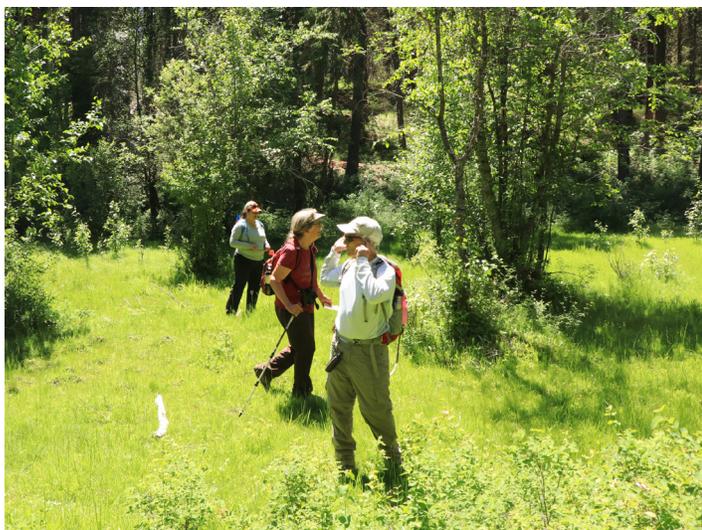
Early season monitoring kicked off in late March with a hunt for the state endangered Dalles Mountain buttercup (*Ranunculus tritermatus*) near Klickitat, WA by a volunteer who found two potentially new subpopulations. This species has a narrow range mostly within the Columbia Hills, growing in meadow steppe pockets typically near Garry oak forests.

By April's end, 11 sites were visited, with populations relocated at all but two sites. Four of these visits were for small-flowered trillium (*Trillium albidum* ssp. *parviflorum*), ranked as sensitive in the state. Found in wet, shady lowlands of western Washington, this species typically flowers before the overstory leafs out. Additionally, a volunteer found the miniscule white Eatonella (*Eatonella nivea*) which grows in shrub steppe environments of central Washington. Best spotted when on one's hands and knees, this annual is difficult to find not only due to its size, but because of its short flowering period.

May and June held the bulk of our surveys this year, with 55 visits mostly across central and eastern Washington. Populations were found at 41 sites, including 11 potentially new populations, almost all of which were found by an exploratory bunch of three volunteers.

Two populations of black lily (*Fritillaria camschatcensis*) were relocated in Snohomish County. Black lily can look strikingly similar to the common Columbia lily (*Lilium columbianum*) when not in flower, thus surveys often require multiple visits throughout the flowering season (one volunteer visited the site 3 times to determine species). Two volunteers found a large population, greater than 10,000 individuals, of Alaska plantain (*Plantago macrocarpa*) in Jefferson County, which in the previous 20 years had only been reported to be around 50 to 100 individuals. This species is ranked as sensitive in Washington but can be found from Alaska to Oregon near lakeshores, wetlands, and bogs. Further east in Asotin and Garfield Counties, two populations of Wolf's current (*Ribes wolfii*), were found. Its typical range is in the southwest, with a disjunct population in Eastern Washington, Oregon, and central Idaho.

In early June, Rare Care held its annual monitoring weekend in the Okanogan highlands in the Tonasket Ranger District of the Okanogan-Wenatchee National Forest and nearby Bureau of Land Management lands. Northern blue-eyed grass (*Sisyrinchium*



Right Upper: Laura Potash, Cyndy Smith-Kuebel, and Shelley Weisberg studying carex specimens while surveying for long-syle sedge (*Carex stylosa*) in Whatcom county.
Photo: Mark Turner

Right Middle: Black lily (*Fritillaria camschatcensis*) flowers found in Snohomish County.
Photo: Alicia McMurchie

Right Lower: White Eatonella (*Eatonella nivea*) compared to a quarter in Yakmia County.
Photo: Laura Potash

Left Lower: Lissa Kramer, Carol Mack and Scott Luchessa surveying for nothern blue-eye grass (*Sisyrinchium septentrionale*) during Rare Care's monitoring weekend.
Photo: Naomi Reibold

SEASON SYNOPSIS CONTINUED

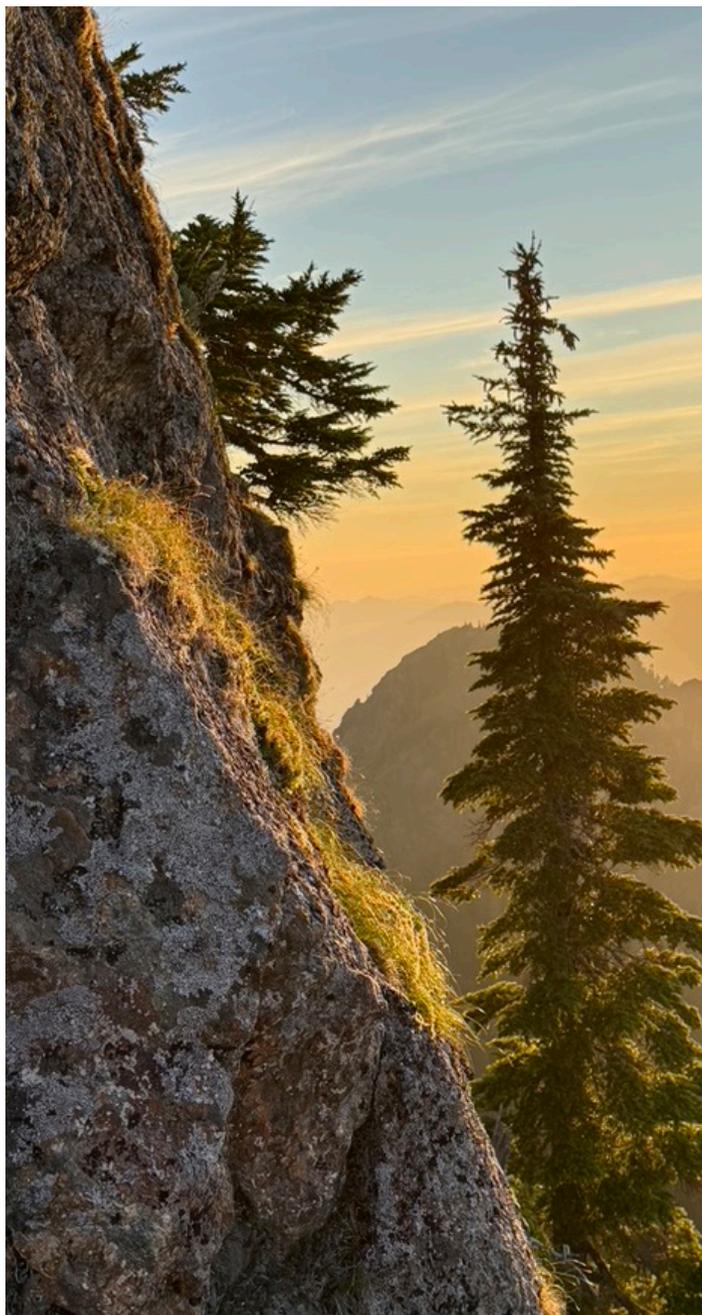
septentrionale), a state sensitive species, was our target species for the trip. Six of the ten populations surveyed were larger than previously reported in the '90's, most 10-100 times larger. Volunteers also found healthy and larger than previously reported populations of Snake River cat's-eye (*Oreocarya spiculifera*) and yellow-flowered crazyweed (*Oxytropis campestris* var. *gracilis*). A population of hair sedge (*Carex capillaris*) was also relocated. All in all, 16 monitoring reports were completed.

At the peak of summer in July and August, 32 sites were surveyed. Populations were relocated at 22 sites. After the last 3 attempts proved futile and hopes for the population's existence were low due to extensive trampling of the area, Alaska bellflower (*Campanula lasiocarpa*) was successfully relocated in Snohomish County. Further

north, the only extant population of Olympic Mountain willow-herb (*Epilobium mirabile*) was found after two previous failed attempts. Located high up north about half a mile from the Canadian border, this species grows on a precarious limestone scree shelf.

As the season came to a close, volunteers were still out surveying what they could, namely large clubmosses such as one-cone clubmoss (*Lycopodium lagopus*) and prickly tree clubmoss (*Dendrolycopodium dendroideum*). Low growing and late-fruiting, these species are often easier to find in late summer or fall when taller plants have died back and expose the ground below.

For a complete list of 2025 field results, see pages 7-12.



Left: Coiled sedge (*Carex circinata*) clinging to a steep cliff in the Olympic mountains.

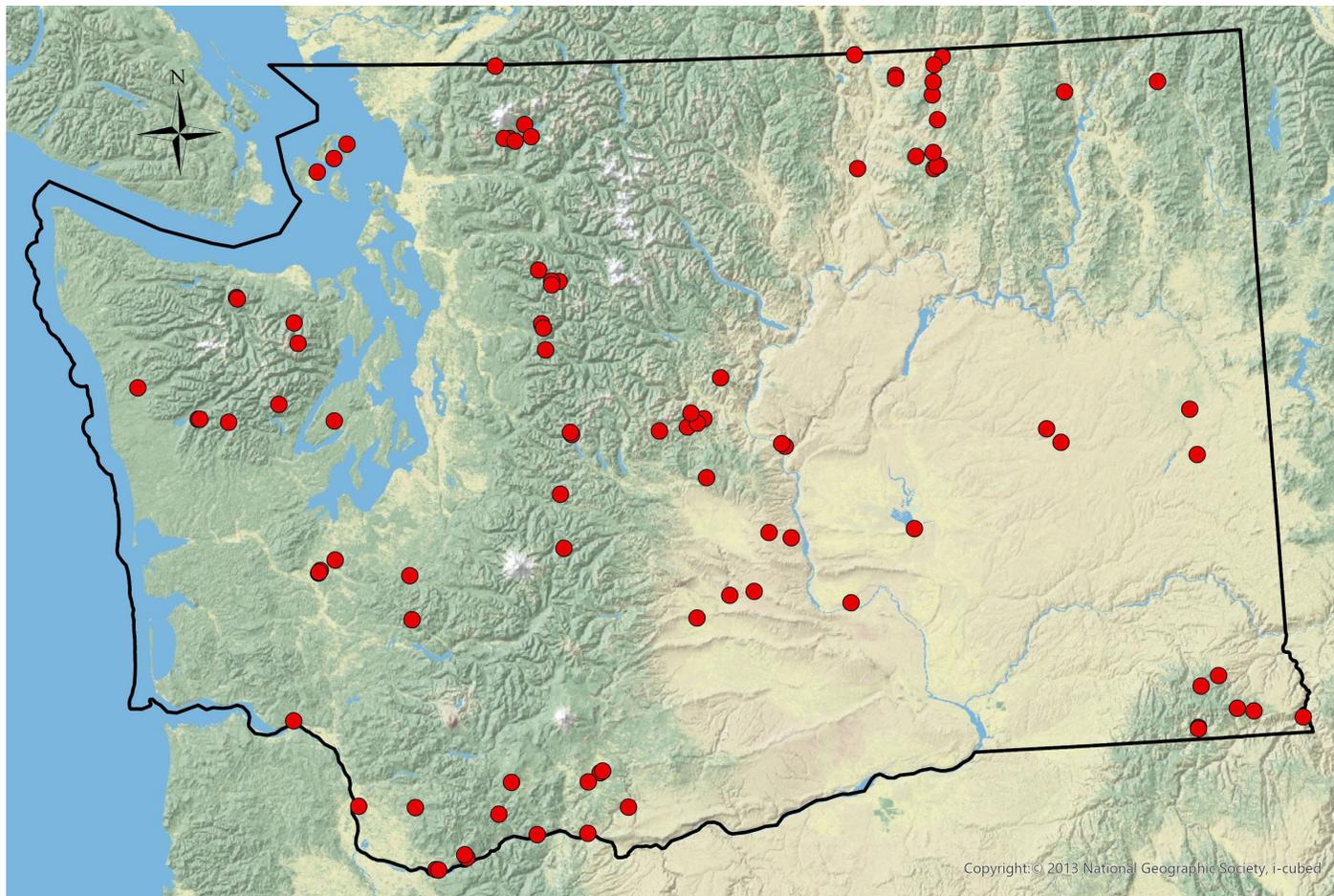
Photo: Avery Bowron
Right Upper: Kalama Reuter, Josh Wozniak, and John Stuart surveying northern blue-eyed grass (*Sisyrinchium septentrionale*) in a wet meadow in the Tonasket Ranger District.

Photo: Wendy Gibble
Right Lower: Western ladies'-tresses (*Spiranthes porrifolia*) in flower on a rocky hillside in Klickitat county.
Photo: Teddy Pierson

WHERE WE WORKED

Rare plant monitoring occurred on federal, state and local public lands in 29 of Washington's 39 counties as shown on the map below. Approximately 71% of sites were on federal lands, primarily on National Forests. A smaller portion were lands managed by the Bureau of Land Management and National Wildlife Refuges.

One site was on Department of Defense land. Another 25% of sites were on state lands such as Wildlife Areas, State Parks, and Department of Natural Resources natural areas and trust lands. Three sites were on a private land trust property, and one was managed by a local city.



2025 completed assignments. These only include sites that already had geographic locations in the Washington Natural Heritage Database.

SEED BANKING

Rare Care added 27 collections of seeds to the Miller Seed Vault in 2025, bringing our total to 414 collections. Eight collections were contributed by Rare Care volunteers, one collection by a partner, and 18 by Rare Care Staff.

First time seed collectors Robin Fitch and Dan Brake collected seeds from a population of Davis's daisy (*Erigeron davisii*) in Garfield County. They had to race a windstorm to collect the seeds before they all blew away. Working with what was within reach on a steep river slopes, a small collection of queen-of-the-forest (*Filipendula occidentalis*) in Pacific County was added by Lizzie Zemke. An addition of fringe-petal kittentails (*Veronica schizantha*) from the Cowlitz Ranger District of Gifford-Pinchot National Forest was devotedly added by Mary Kline.

Two populations of northern blue-eyed grass (*Sisyrinchium septentrionale*) in Okanogan County were contributed by Julie Bresnan. Julie also partnered with Barbara Varnum-Finney to collect seeds of Wenatchee larkspur (*Delphinium viridescens*) in Chelan County and the only known population of swamp gentian (*Gentiana douglasiana*) in the Cascades in Kittitas County. Jacob Maki, Rare Care's seasonal field technician contributed almost of our collections this year, gathering seed from 7 different species and 13 populations.

With a large bump in seed collections came a larger demand for seed cleaning. During 2025, 13 volunteers (seven of which were new recruits to the vault) cleaned, sorted, counted, and packaged over 62,000 seeds. Kylie Gates assisted Rare Care staff with germination testing of seeds held in the Miller Seed Vault.

2025 SEED COLLECTIONS ADDED TO MILLER SEED VAULT

Species Name	EO Num ¹	State Status ²	Num of Maternal Lines ²	Managed Area
<i>Astragalus australis</i> var. <i>cottonii</i>	4	E	10	Olympic National Park
<i>Astragalus australis</i> var. <i>cottonii</i>	3	E	56	Olympic National Park
<i>Astragalus pulsiferae</i> var. <i>suksdorfii</i>	2	E	29	Conboy Lake NWR, WA DNR parcel
<i>Castilleja victoriae</i>	1	E	11	Iceberg Island State Park
<i>Delphinium viridescens</i>	11	T	50	Wenatchee RD, Okanogan-Wenatchee NF
<i>Erigeron basalticus</i>	7	T	54	Yakima River Canyon ACEC, BLM
<i>Erigeron basalticus</i>	14	T	6	Spokane District, BLM
<i>Erigeron davisii</i>	2	E	40	William T Wooten Wildlife Area
<i>Eriogonum codium</i>	1	E	52	Hanford Reach National Monument
<i>Eryngium petiolatum</i>	10	S	53	Conboy Lake NWR
<i>Eryngium petiolatum</i>	4	S	50	Conboy Lake NWR
<i>Filipendula occidentalis</i>	2	S	1	Olympic Region Coast District, WA DNR Trust Lands
<i>Gentiana douglasiana</i>	1	S	50	Cle Elum RD, Okanogan-Wenatchee NF
<i>Hackelia venusta</i>	2	E	58	Okanogan-Wenatchee NF
<i>Lomatium lithosolamans</i>	49	S	50	Cowiche Canyon ACEC, BLM
<i>Orthocarpus bracteosus</i>	5	T	31	Conboy Lake NWR
<i>Orthocarpus bracteosus</i>	6	T	65	Conboy Lake NWR
<i>Orthocarpus bracteosus</i>	7	T	54	Conboy Lake NWR
<i>Oxytropis campestris</i> var. <i>wanapum</i>	1	E	70	Spokane District, BLM and private land
<i>Pediocactus nigrispinus</i>	32	S	23	Spokane District BLM
<i>Phacelia lenta</i>	1	T	18	Rock Island Canyon ACEC, BLM
<i>Polemonium pectinatum</i>	29	T	67	Coal Creek ACEC, BLM
<i>Polemonium pectinatum</i>	43	T	30	Spokane District, BLM
<i>Sisyrinchium septentrionale</i>	21	S	7	Tonasket RD, Colville NF
<i>Sisyrinchium septentrionale</i>	27	S	45	Tonasket RD, Colville NF
<i>Trifolium thompsonii</i>	9	T	62	Entiat Slopes NAP and Keystone Point ACEC, BLM
<i>Veronica schizantha</i>	7	E	50	Cowlitz RD, Gifford-Pinchot NF



Thompson's clover (*Trifolium thompsonii*) seeds collected on WA DNR and BLM land in Chelan County. Photo: Allie Howell



Crazy slenderweed (*Oxytropis campestris* var. *wanapum*) seeds collected on private land in Grant County. Photo: Naomi Reibold

ABBREVIATIONS

ACEC - Area of Critical Environmental Concern
 BLM - Bureau of Land Management
 DNR - Washington Department of Natural Resources
 NAP - Natural Area Preserve
 NF - National Forest
 RD - Ranger District
 NWR - National Wildlife Refuge

TABLE NOTES

- EO num is the element occurrence number assigned to the site by the Washington National Heritage Program.
- State Status: E = endangered, S = sensitive, T = threatened.
- A single maternal line represents seeds from a single mother plant. The number of maternal lines is an estimate of the genetic diversity of a collection.

VOLUNTEERS

Volunteers contributed 3,139 hours this year to rare plant conservation activities with Rare Care. The bulk of these hours (2,375) went towards the rare plant monitoring project, with 70 volunteers participating in 2025. Special honors go to Sarah Krock, Paul Slichter, and Adam and Alexis Spencer who all submitted four or more monitoring reports.

We welcomed 27 new volunteers in 2025, who contributed over 600 total hours this year. Fourteen volunteers traveled to Tonasket Ranger District to join in our annual monitoring weekend.

Nine volunteers participated in seed collections for a total of 298 hours this year. Then 13 volunteers spent 263 hours meticulously cleaning those seeds for long-term storage in the Miller Seed Vault.

We had 26 volunteers contribute over 100 hours to special projects such as monitoring endangered species, watering Umtanum desert buckwheat (*Eriogonum codium*) outplantings, bulk seed cleaning activities, restoration plantings for Wenatchee Mountain Checkermallow (*Sidalcea oregana var. calva*), and more.

THANK YOU VOLUNTEERS



Showy Stickseed
(75+ hours)

State Endangered
Hackelia venusta
Photo: Joe Arnett

- | | |
|------------------|-----------------|
| Avery Bowron | Paul Slichter |
| Julianna Bresnan | Jeff Thorson |
| Marilee Henry | Mark Turner |
| Mary Kline | Barbara Varnum- |
| Jeannie Mounger | Finney |
| Susan Saul | |



Woolly Kittenails
(26-74 hours)

State Threatened
Synthyris pinnatifida var. lanuginosa
Photo: Richard Ramsden

- | | |
|------------------|------------------|
| Peg Balachowski | Carol Mack |
| Cathy Baker | Kellen Maloney |
| Peg Balachowski | Alicia McMurchie |
| Scott Batiuk | Marlowe Moser |
| Ron Bockelman | Jenifer Parsons |
| Dan Brake | Mac Patton |
| Cliona Byrne | Laura Potash |
| Shelly Carpenter | Ben Pritchard |
| Graham Crawbuck | Kalama Reuter |
| Shevanthi Daniel | Nina Shim |
| Darcy Dauble | Cynthia Smith- |
| Jane Engle | Kuebel |
| Chelsey Erway | Adam Spencer |
| Robin Fitch | Sarah Stolar |
| Romey Haberle | John Stuart |
| Phil Harris | Susan Wickham |
| Lissa Kramer | Carolyn Wright |
| Sarah Krock | |
| Jill LaRue | |
| Joanna Long | |
| Scott Luchessa | |



Jessica's aster
(1-25 hours)

State Sensitive
Symphotrichum jessicae
Photo: Michael Marsh

- | | |
|---------------------|-------------------|
| Ted Alway | Robert Nerenberg |
| John Bolivar | Alejandro Padron |
| Rachel Brewer | Shaheen Page |
| Crescent | Teddy Pierson |
| Calimpong | Zara Ramerman |
| Ernie Crediford | Katelyn Schoedl |
| Matthew Distler | Joanne Schuett- |
| Janet Egger | Hames |
| Jeff Erickson | Adrianna Scott |
| Tom Ettinger | David Selk |
| Ethan Greer | Katherine Sitko |
| Chelsea Gudgeon | Chiara Smythies |
| Janka Hobbs | Teresa Sollitto |
| Richard Johnson | Colleen Sullivan |
| Ellen Kuhlmann | Ronald Toonen |
| Samuel Lee | Kelli Van Norman |
| Manchiu Leung | Regina Wandler |
| Bill Loeber | Barry Wendling |
| Zoe Loutos | Johnny Yarrington |
| Tiffani Manteuffel- | Lizzie Zemke |
| Ross | |

**RARE CARE IS
GRATEFUL FOR THE
TIME AND SKILLS
VOLUNTEERS
CONTRIBUTED IN
2025!**

2025 RARE PLANT MONITORING RESULTS

Species Name	EO Num ¹	State Status ²	Visit Date	Species Found	Pop. Size ³	Managed Area	Owner
<i>Actaea elata</i> var. <i>elata</i>	49	S	7/11/2025	Yes	71	Washougal Oaks NAP/NRCA	ST DNR
<i>Allium scilloides</i>	New ⁴	S	4/3/2025	Yes	1,001-10,000	Klickitat WA	ST DFW
<i>Astragalus australis</i> var. <i>olympicus</i>	7	E	8/13/2025	No		Olympic NPK	USANPS
<i>Astragalus australis</i> var. <i>olympicus</i>	8	E	8/13/2025	No		Olympic NPK	USANPS
<i>Boechera atrorubens</i>	None ⁵	E	5/24/2025	Yes	1,500-2,000 stems	Mt Adams RD, Gifford Pinchot NF	USAFS
<i>Bolandra oregana</i>	6	T	6/13/2025	Site not reached		Columbia River Gorge National Scenic Area	USAFS
<i>Bolandra oregana</i>	10	T	6/13/2025	Site not reached		Columbia Falls NAP	ST DNR
<i>Bolandra oregana</i>	15	T	6/14/2025	Yes	550-850 stems	Pomeroy RD, Umatilla NF	USAFS
<i>Botrychium ascendens</i>	21	S	8/2/2025	Yes	21	Snoqualmie RD, Mt Baker-Snoqualmie NF	USAFS
<i>Botrychium hesperium</i>	25	S	7/6/2025	Yes	18	Snoqualmie RD, Mt Baker-Snoqualmie NF	USAFS
<i>Calochortus longebarbatus</i> var. <i>longebarbatus</i>	8	S	6/24/2025	Yes	7	Conboy Lake NWR	USAFWS
<i>Camassia cusickii</i>	None ⁵	S	5/12/2025	No		Klickitat WA	ST DFW
<i>Campanula lasiocarpa</i>	6	S	7/26/2025	Yes	1,001-10,000 stems	Darrington RD, Mt Baker-Snoqualmie NF	USAFS
<i>Campanula lasiocarpa</i>	8	S	9/29/2025	No		Darrington RD, Mt Baker-Snoqualmie NF	USAFS
<i>Carex anthoxanthea</i>	None ⁵	S	8/8/2025	Site not reached		Hood Canal RD, Olympic NF	USAFS
<i>Carex capillaris</i>	2	S	6/8/2025	Yes	100 stems	Tonasket RD, Colville NF	USAFS
<i>Carex circinata</i>	1	S	7/27/2025	Yes	319 clumps	Pacific RD, Olympic NF	USAFS
<i>Carex stylosa</i>	5	S	7/27/2025	Yes	300-500 clumps	Mt Baker RD, Mt Baker-Snoqualmie NF	USAFS
<i>Claytonia multiscapa</i> ssp. <i>pacifica</i>	3	S	7/26/2025	No		Hood Canal RD, Olympic NF	USAFS
<i>Coptis asplenifolia</i>	7	S	6/12/2025	Yes	2,058	Skykomish RD, Mt Baker-Snoqualmie NF	USAFS
<i>Cryptogramma stelleri</i>	6	S	7/1/2025	No		Wenatchee River RD, Mt Baker-Snoqualmie NF	USAFS
<i>Cypripedium parviflorum</i>	18	S	6/14/2025	Site not reached		Three Rivers RD, Colville NF	USAFS
<i>Dactylorhiza viridis</i>	1	S	6/6/2025	No		Tonasket RD, Colville NF	USAFS

2025 RARE PLANT MONITORING RESULTS (CONTINUED)

Species Name	EO Num ¹	State Status ²	Visit Date	Species Found	Pop. Size ³	Managed Area	Owner
<i>Delphinium viridescens</i>	11	T	7/10/2025	Yes	10,001-100,000	Wenatchee River RD, Mt Baker-Snoqualmie NF	USAFS
<i>Delphinium viridescens</i>	20	T	7/27/2025	Yes	140-339 clumps	Wenatchee River RD, Mt Baker-Snoqualmie NF	USAFS
<i>Delphinium viridescens</i>	38	T	6/29/2025	Yes	1,001-10,000	Wenatchee River RD, Mt Baker-Snoqualmie NF	USAFS
<i>Dendrolycopodium dendroideum</i>	3	S	9/13/2025	Yes	1264 stems	Mt Baker RD, Mt Baker-Snoqualmie NF	USAFS
<i>Dendrolycopodium dendroideum</i>	10	S	9/13/2025	Yes	138 stems	Mt Baker RD, Mt Baker-Snoqualmie NF	USAFS
<i>Dendrolycopodium dendroideum</i>	17	S	7/27/2025	No		Mt Baker RD, Mt Baker-Snoqualmie NF	USAFS
<i>Doellingeria glaucescens</i>	5	T	8/28/2025	Yes	501-1,000 stems	Mt Adams RD, Gifford Pinchot NF	USAFS
<i>Doellingeria glaucescens</i>	New ⁴	T	5/24/2025	Yes	301-500 stems	Mt Adams RD, Gifford Pinchot NF	USAFS
<i>Draba cana</i>	1	S	6/28/2025	No		Hood Canal RD, Olympic NF	USAFS
<i>Eatonella nivea</i>	9	S	4/27/2025	Yes	90	South Columbia Basin WA - Wahluke Slope Unit, Hanford Reach NM	USAFWS
<i>Epilobium mirabile</i>	1	S	8/17/2025	Yes	50	Mt Baker RD, Mt Baker-Snoqualmie NF	USAFS
<i>Erigeron aliciae</i>	6	S	7/23/2025	Yes	1,000-10,000 stems	Hood Canal RD, Olympic NF	USAFS
<i>Erigeron basalticus</i>	7	T	6/11/2025	Yes	483 clumps	Yakima River Canyon ACEC, Yakima Training Area	USABLM, USDOD
<i>Erigeron howellii</i>	5	T	6/3/2025	Yes	73	Columbia Falls NAP, Columbia River Gorge National Scenic Area	ST DNR, USAFS
<i>Erigeron piperianus</i>	64	R1	6/17/2025	Uncertain		Rattlesnake Hills RNA, Hanford Reach NM	USAFWS
<i>Eryngium petiolatum</i>	10	S	6/18/2025	Yes	1,001 to 10,000	Conboy Lake NWR	USAFWS
<i>Eryngium petiolatum</i>	None ⁵	S	6/24/2025	No		Conboy Lake NWR	USAFWS
<i>Erythranthe suksdorfii</i>	41	S	6/7/2025	No		Tonasket RD, Colville NF	USAFS
<i>Euonymus occidentalis</i> var. <i>occidentalis</i>	10	S	6/20/2025	Yes	101-300	Mount Saint Helens WA	ST DFW
<i>Euonymus occidentalis</i> var. <i>occidentalis</i>	17	S	6/14/2025	Yes	160	Moulton Falls Regional Park	LOCCTY
<i>Fritillaria camschatcensis</i>	3	S	6/28/2025	Yes	2	Darrington RD, Mt Baker-Snoqualmie NF	USAFS
<i>Fritillaria camschatcensis</i>	5	S	6/14/2025	Yes	88	Darrington RD, Mt Baker-Snoqualmie NF	USAFS
<i>Gentiana douglasiana</i>	1	S	8/4/2025	Yes	164	Cle Elum RD, Mt Baker-Snoqualmie NF	USAFS
<i>Geum rivale</i>	9	S	7/2/2025	Yes	4,570	Three Rivers RD, Colville NF	USAFS
<i>Githopsis specularioides</i>	27	S	6/1/2025	No		Mt Adams RD, Gifford Pinchot NF	USAFS

2025 RARE PLANT MONITORING RESULTS (CONTINUED)

Species Name	EO Num ¹	State Status ²	Visit Date	Species Found	Pop. Size ³	Managed Area	Owner
<i>Githopsis specularioides</i>	New ⁴	S	5/3/2025	Yes	101-300	Klickitat WA	ST DFW
<i>Githopsis specularioides</i>	New ⁴	S	5/5/2025	Yes	101-300	Klickitat WA	ST DFW
<i>Hackelia diffusa</i> var. <i>diffusa</i>	9	T	6/14/2025	No		Pomeroy RD, Umatilla NF	USAFS
<i>Heuchera grossularifolia</i> var. <i>tenuifolia</i>	New ⁴	--	5/9/2025	Yes	13	Columbia Land Trust	PVTUUU
<i>Isoetes minima</i>	7	E	6/6/2025	No		Tonasket RD, Colville NF	USAFS
<i>Isoetes nuttallii</i>	New ⁴	S	5/9/2025	Yes	20	Columbia Land Trust	PVTUUU
<i>Isoetes nuttallii</i>	None ⁵	S	5/1/2025	Yes	779	Klickitat WA	ST DFW
<i>Juncus hemiendytus</i> var. <i>hemiendytus</i>	New ⁴	S	5/13/2025	Yes	301-500	Klickitat WA	ST DFW
<i>Juncus uncialis</i>	New ⁴	T	5/3/2025	Yes		Klickitat WA	ST DFW
<i>Leptosiphon bolanderi</i>	None ⁵	S	5/5/2025	Yes	1,001-10,000	Klickitat WA	ST DFW
<i>Leptosiphon bolanderi</i>	None ⁵	S	5/3/2025	Yes	101-300	Klickitat WA	ST DFW
<i>Lobelia dortmanna</i>	24	S	9/7/2025	Yes	10,001-100,000	Moran State Park	ST SPR
<i>Lomatium klickitatense</i>	New ⁴	T	5/29/2025	Yes	1	Columbia Land Trust	PVTUUU
<i>Lomatium klickitatense</i>	New ⁴	T	5/18/2025	Yes	70	Columbia River Gorge National Scenic Area	USAFS
<i>Lomatium lithosolamans</i>	17	S	4/27/2025	Yes	30	Cowiche Canyon ACEC, Cowiche Canyon Conservancy	USABLM,
<i>Lomatium rollinsii</i>	4	T	4/9/2025	Uncertain	100-300	BLM Vale District	USABLM
<i>Lomatium suksdorfii</i>	New ⁴	S	4/21/2025	Yes	92	Klickitat WA	ST DFW
<i>Lycopodium lagopus</i>	5	S	9/4/2025	Yes	10,001-100,000 stems	Snoqualmie RD, Mt Baker-Snoqualmie NF	USAFS
<i>Lycopodium lagopus</i>	6	S	8/3/2025	No		Mt Baker RD, Mt Baker-Snoqualmie NF	USAFS
<i>Microseris lindleyi</i>	New ⁴	R1	4/6/2025	Yes	101-300	Columbia Hills Historical State Park	ST SPR
<i>Myosurus x alopecuroides</i>	New ⁴	T	5/3/2025	Yes	101-300	Klickitat WA	ST DFW
<i>Nicotiana attenuata</i>	21	S	6/14/2025	No		Rock Island Canyon ACEC	USABLM
<i>Ophioglossum pusillum</i>	1	S	8/29/2025	Yes	1	DNR Trust Lands -South Puget Sound Region	ST DNR
<i>Ophioglossum pusillum</i>	8	S	9/12/2025	No		Killebrew Lake NAP	ST DNR
<i>Oreocarya leucophaea</i>	13	E	5/10/2025	No		Columbia NWR	USAFWS
<i>Oreocarya spiculifera</i>	33	S	6/8/2025	Yes	401	BLM - Spokane District (Wenatchee Field Office)	USABLM
<i>Orthocarpus bracteosus</i>	6	T	6/24/2025	Yes	1,001-10,000	Conboy Lake NWR	USAFWS
<i>Orthocarpus bracteosus</i>	New ⁴	T	7/11/2025	Yes	1,000	Mt Adams RD, Gifford Pinchot NF	USAFS
<i>Oxytropis campestris</i> var. <i>gracilis</i>	19	S	6/6/2025	Yes	65	BLM - Spokane District (Wenatchee Field Office)	USABLM

2025 RARE PLANT MONITORING RESULTS (CONTINUED)

Species Name	EO Num ¹	State Status ²	Visit Date	Species Found	Pop. Size ³	Managed Area	Owner
<i>Pediocactus nigrispinus</i>	19	S	5/11/2025	Yes	50 clumps	Lt Murray WA	ST DFW
<i>Pediocactus nigrispinus</i>	29	S	6/19/2025	Yes	1,001-10,000	Lt Murray WA	ST DFW
<i>Pediocactus nigrispinus</i>	45	S	6/7/2025	Yes	17	Yakima Training Center	USADOD
<i>Phacelia lenta</i>	8	T	5/9/2025	Yes	103	BLM - Spokane District (Wenatchee Field Office)	USABLM
<i>Plantago macrocarpa</i>	6	S	5/17/2025	Yes	10,001-100,000	Clearwater Bogs NAP	ST DNR
<i>Platanthera chorisiana</i>	3	S	8/5/2025	Yes	12	Skykomish RD, Mt Baker-Snoqualmie NF	USAFS
<i>Platanthera chorisiana</i>	5	S	8/10/2025	Site not reached		Skykomish RD, Mt Baker-Snoqualmie NF	USAFS
<i>Plectritis brachystemon</i>	2	S	5/11/2025	Yes	10,001-100,000	Friday Harbor Labs	ST UAA
<i>Polemonium pectinatum</i>	24	T	5/9/2025	Yes	10,001-100,000	Palouse to Cascades State Park Trail	ST SPR
<i>Polemonium pectinatum</i>	29	T	6/5/2025	Yes	1,500 clumps	Coal Creek ACEC	USABLM
<i>Pyrrocoma hirta</i> var. <i>sonchifolia</i>	3	T	7/31/2025	Yes	1,303-2,500	Cle Elum RD, Mt Baker-Snoqualmie NF	USAFS
<i>Ranunculus tritermatus</i>	15	E	3/28/2025	Yes	232	Klickitat WA	ST DFW
<i>Ribes wolfii</i>	6	S	6/5/2025	Yes	2	Pomeroy RD, Umatilla NF	USAFS
<i>Ribes wolfii</i>	10	S	6/11/2025	No		Pomeroy RD, Umatilla NF	USAFS
<i>Ribes wolfii</i>	11	S	6/5/2025	Yes	200-400	Pomeroy RD, Umatilla NF	USAFS
<i>Ribes wolfii</i>	18	S	6/5/2025	No		Pomeroy RD, Umatilla NF	USAFS
<i>Silene seelyi</i>	6	S	8/7/2025	Yes	14 clumps	Cle Elum RD, Mt Baker-Snoqualmie NF	USAFS
<i>Silene spaldingii</i>	46	T	7/26/2025	Yes	193	BLM Spokane District (Border Field Office)	USABLM
<i>Silene spaldingii</i>	61	T	7/26/2025	No		Turnbull NWR	USAFWS
<i>Sisyrinchium septentrionale</i>	9	S	6/7/2025	Yes	69	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	10	S	6/8/2025	Yes	93	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	12	S	6/8/2025	No		Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	13	S	6/7/2025	Yes	156	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	20	S	6/7/2025	No		Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	21	S	6/6/2025	Yes	156	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	26	S	6/7/2025	Yes	87	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	27	S	6/6/2025	Yes	10,001-100,000	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	38	S	6/8/2025	Yes	300+	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	40	S	6/6/2025	Yes	1,000-10,000	Tonasket RD, Colville NF	USAFS
<i>Sisyrinchium septentrionale</i>	New ⁴	S	6/8/2025	Yes	500-1,000	Tonasket RD, Colville NF	USAFS

2025 RARE PLANT MONITORING RESULTS (CONTINUED)

Species Name	EO Num ¹	State Status ²	Visit Date	Species Found	Pop. Size ³	Managed Area	Owner
<i>Spiranthes porrifolia</i>	1	S	7/5/2025	Yes	385	Catherine Creek & Rowland Lake Cliffs, Columbia River Gorge National Scenic Area	USABLM, USFS
<i>Symphotrichum hallii</i>	1	S	8/27/2025	Yes	>100,000	Scatter Creek WA	ST DFW
<i>Trillium albidum ssp. parviflorum</i>	1	S	4/9/2025	No		Bald Hill NAP	ST DNR
<i>Trillium albidum ssp. parviflorum</i>	9	S	5/4/2025	Yes	153	Ridgefield NWR	USAFWS
<i>Trillium albidum ssp. parviflorum</i>	10	S	4/13/2025	Yes	149	Scatter Creek WA	ST DFW
<i>Trillium albidum ssp. parviflorum</i>	45	S	4/11/2025	Yes	558	Washougal Oaks NAP/NRCA	ST DNR
<i>Trillium albidum ssp. parviflorum</i>	54	S	5/11/2025	Yes	164	Scatter Creek WA	ST DFW
<i>Trillium albidum ssp. parviflorum</i>	New ⁴	S	4/11/2025	Yes	66	Washougal Oaks NAP/NRCA	ST DNR
<i>Vaccinium myrtilloides</i>	2	S	7/19/2025	No		Wenatchee River RD, Mt Baker-Snoqualmie NF	USAFS
<i>Veronica lanuginosa</i>	9	T	6/28/2025	Yes	>100,000	Hood Canal RD, Olympic NF	USAFS
<i>Veronica schizantha</i>	1	E	6/29/2025	No		Pacific RD, Olympic NF	USAFS
<i>Veronica schizantha</i>	7	E	6/30/2025	Yes	1,000 clumps	Cowlitz RD, Gifford Pinchot NF	USAFS
<i>Veronica schizantha</i>	7	E	7/29/2025	Yes	1,100 clumps	Cowlitz RD, Gifford Pinchot NF	USAFS
<i>Wyethia angustifolia</i>	1	S	6/3/2025	Yes	55	Scatter Creek WA	ST DFW

ABBREVIATIONS

ACEC - Area of Critical Environmental Concern
 LOCCTY - City Municipality or County
 NAP - Natural Area Preserve
 NF - National Forest
 RD - Ranger District
 ST DFW - Washington State Department of Fish and Wildlife
 ST DNR - Washington State Department of Natural Resources
 ST SPR - Washington State Parks and Recreation
 ST WDT - Washington State Department of Transportation
 NWR - National Wildlife Refuge
 USABLM - Bureau of Land Management
 USAFS - United States Forest Service
 USAFWS - United States Fish and Wildlife Service
 PUD - Public Utility District
 WA - Wildlife Area
 PVT - Privately owned

TABLE NOTES

1. EO num is the element occurrence number assigned to the site by the Washington National Heritage Program
2. State Status: E = endangered, R1 = review species (group 1), R2 = review species (group 2), S = sensitive, T = threatened, X = possibly extinct or extirpated from Washington
3. Population size estimate represents individuals unless otherwise noted.
4. Potentially new site that may not be in WNHP database.
5. Site identified by land owner or other party and may not be in WNHP database.