



NOVEMBER 19, 2020

CREVICE

**Alaska Rock Garden Society
November Meeting:
Alpines of the Pinnell Mountain National
Recreation Trail
By Marilyn Barker
Saturday, November 21, 10 AM on Zoom
[Zoom details to follow in separate email]**

Dear Members-

I am looking forward to seeing all of you on our Zoom Meeting on Saturday. I think Marilyn's program will be wonderful and informative.

This will be the last meeting until next year! We will get information out to you about that meeting the first part of the month. Have a wonderful Holiday Season.

Be safe and healthy,

**Florene Carney
President
Alaska Rock Garden Society**

(Zoom continued on page 2)

Crevice is an occasional publication of the Alaska Rock Garden Society for small items.
The masthead is an excerpt from *Eriophorum scheuchzeri* by Rhonda Williams, used with permission.

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PO Box 244136, Anchorage, AK 99524-4136



*Alaska Rock Garden Society
Membership Meeting*

November 21, 2020

ZOOM

AGENDA

Welcome

Treasurer's Report

Approval of Minutes

Seed Exchange

Program - Marilyn Barker "Alpines of the [Pinnell Mountain National Recreation Trail](#)"

Member Comments

Adjourn

*Alaska Rock Garden Society
Membership Meeting*

October 17, 2020

ZOOM 10:00 A.M.

MINUTES

Florene Carney called the meeting to order at 10:10 A.M. with a welcome to everyone joining our first ZOOM Membership Meeting.

Jamie Smith, Secretary, gave a brief overview of the Oct 9, 2020 Exec Board minutes. Two important points:

At that meeting, the current Executive Board UNANIMOUSLY agreed to remain in their current positions thru the 2020-2021 year to maintain continuity thru the COVID-19 Pandemic.

It was with UNANIMOUS Executive Board approval the 2019-2020 Budget was carried forward into 2020-2021.

Florene Carney reminded everyone that Charles Utermohle needs articles for the Newsletter. PLEASE submit photos / articles to Charles, and he will fit them into the Newsletter as space allows. It doesn't matter how short or how long your articles might be, Charles needs them!

Jaime Rodriguez presented his program "Alaska Wildflowers of Hatcher Pass". With its proximity to his residence, Jaime's been able to make several hikes in the Hatcher Pass area, never missing an opportunity to add to his photo collection. Some of the trails Jaime included in his presentation are April Bowl Trail, Gold Mint Trail, Archangel Road / Reed Lakes Trails (you can usually drive to Reed Trailhead using Archangel Road); Gold Cord Lake, Independence Mine, Government Peak, Skyscraper Mountain, and Marmot Mountain. Maps are available in the Mat-Su Borough brochure of the area. Of course, Jaime included a wealth of 'eye candy' in his presentation with photos of various wildflowers along the trails. Thank you, Jaime, for a wonderful presentation!

The meeting adjourned at 11:45.

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Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: ArctosTwelvemileSummit

Arctos data on ALA specimens from vicinity of Twelvemile Summit, Steese Highway, as of 5 June 2019								
ALAAC	FAMILY	SCIENTIFIC_NAME	IDENTIFIED_BY	COLLECTORS	SPEC_LOCALITY	COLLDATE	DEC_LAT	DEC_LONG
25244	Adoxaceae	<i>Adoxa moschatellina</i>	unknown	Maxcine Williams	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1962/06/27	65.4	-145.96
35756	Apiaceae	<i>Podistera macounii</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
59404	Apiaceae	<i>Podistera macounii</i>	David F. Murray	Leslie A. Viereck	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1964/07/25	65.41	-145.91
31933	Asteraceae	<i>Arnica grisea</i> subsp. <i>frigida</i>	unknown	Darwin E. Seim	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1965/07/04	65.4	-145.96
22909	Asteraceae	<i>Arnica lessingii</i>	Steven J. Wolf	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
36121	Asteraceae	<i>Arnica lessingii</i>	Steven J. Wolf	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
22911	Asteraceae	<i>Saussurea angustifolia</i> var. <i>angustifolia</i>	David J. Keil	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
36047	Asteraceae	<i>Tephrosieris frigida</i>	Reidar Elven	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
36048	Asteraceae	<i>Tephrosieris kjellmanii</i>	Reidar Elven	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
9626	Asteraceae	<i>Tephrosieris kjellmanii</i>	Reidar Elven	Thomas P. O'Farrell, J. T. O'Farrell	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, STEESE HWY., MILE 85, TWELVEMILE SUMMIT	1959/06/10	65.41	-146.16
70043	Boraginaceae	<i>Myosotis alpestris</i>	unknown	R. Backer	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, STEESE HWY. MILE 84.5	1976/07/17	65.41	-146.03
11483	Brassicaceae	<i>Cardamine purpurea</i>	unknown	S. Galen Smith	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVEMILE SUMMIT, CA. MILE 87 STEESE HW	1953/06/02	65.4	-145.96
11485	Brassicaceae	<i>Parrya nudicaulis</i> subsp. <i>interior</i>	unknown	S. Galen Smith	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVEMILE SUMMIT, MI 87 STEESE HWY.	1953/06/02	65.4	-145.96
35719	Campanulaceae	<i>Campanula lasiocarpa</i>	Nancy Ruth Morin	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.38	-145.91
93488	Caryophyllaceae	<i>Silene acaulis</i>	unknown	Hansford T. Shacklette	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1960/07/04	65.4	-145.96
V98473	Caryophyllaceae	<i>Stellaria laeta</i>	unknown	Gwen L. Shaughnessy	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1972/06/17	65.4	-145.96
71015	Cornaceae	<i>Cornus suecica</i> x <i>Cornus canadensis</i>	Richard J. Hebda	Gwen L. Shaughnessy	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1972/06/17	65.4	-145.96
70036	Crassulaceae	<i>Rhodiola integrifolia</i>	unknown	R. Backer	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, STEESE HWY. MI 84.5	1976/07/17	65.41	-146.03
35706	Cyperaceae	<i>Eriophorum angustifolium</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 12 MILE SUMMIT, MILE 85.5 STEESE HWY, 52	1965/07/06	65.4	-145.96
35554	Empetraceae	<i>Empetrum hermaphroditum</i>	unknown	Robert O. Stephenson	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVE-MILE SUMMIT, STEESE HWY., MILE 87	1967/09/09	65.4	-145.96
3761	Empetraceae	<i>Empetrum nigrum</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, JUST E OF TWELVEMILE SUMMIT	1957/06/19	65.4	-145.96
35624	Equisetaceae	<i>Equisetum arvense</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96

Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: ArctosTwelvemileSummit

Arctos data on ALA specimens from vicinity of Twelvemile Summit, Steese Highway, as of 5 June 2019								
ALAAC	FAMILY	SCIENTIFIC_NAME	IDENTIFIED_BY	COLLECTORS	SPEC_LOCALITY	COLLDATE	DEC_LAT	DEC_LONG
87688	Ericaceae	Andromeda polifolia	unknown	Betty Elliott	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1978/06/18	65.4	-145.96
22933	Ericaceae	Cassiope tetragona subsp. saximontana	Emily Gillespie	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
V78458	Ericaceae	Cassiope tetragona subsp. tetragona	Emily Gillespie	I. Salasoo	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 250 m S of parking area	1984/06/24	65.4	-145.96
1452	Ericaceae	Cassiope tetragona subsp. tetragona	Emily Gillespie	George W. Argus	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/06/18	65.4	-145.96
3696	Ericaceae	Cassiope tetragona subsp. tetragona	Emily Gillespie	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 0.7 miles N of Steese Hwy.	1957/06/15	65.4	-145.98
70993	Ericaceae	Cassiope tetragona subsp. tetragona	Emily Gillespie	Gwen L. Shaughnessy	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1972/06/17	65.4	-145.96
87691	Ericaceae	Ledum palustre subsp. decumbens	unknown	Betty Elliott	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1978/06/18	65.4	-145.96
35820	Ericaceae	Pyrola grandiflora	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
35568	Ericaceae	Vaccinium uliginosum	unknown	Robert O. Stephenson	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/09/09	65.4	-145.96
3701	Ericaceae	Vaccinium vitis-idaea	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 1 km N of Steese Hwy.	1957/06/15	65.4	-145.98
94328	Fabaceae	Lupinus arcticus	unknown	Irvin W. Ailes	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, Mile 86	1970/08/00	65.4	-145.96
36265	Fabaceae	Oxytropis bryophila	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVEMILE SUMMIT, MILE 86 STEESE HWY.	1964/06/19	65.4	-145.96
22900	Fabaceae	Oxytropis scammaniana	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
V140773	Fabaceae	Oxytropis scammaniana	Zachary J. Meyers	Steven Sparrow	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1985/08/20	65.4	-145.96
22907	Fabaceae	Oxytropis scammaniana	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
V140771	Fabaceae	Oxytropis scammaniana	David F. Murray	Steven Sparrow	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, in road cut on side road leading off Steese Hwy.	1985/08/20	65.4	-145.96
33114	Fabaceae	Oxytropis scammaniana	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1964/06/19	65.4	-145.96
87760	Fabaceae	Oxytropis scammaniana	unknown	L. J. Klebesadel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1963/06/23	65.4	-145.96
33052	Fabaceae	Oxytropis scammaniana	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1964/06/19	65.4	-145.96
91321	Fabaceae	Oxytropis scammaniana	unknown	Betty Elliott	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1978/06/18	65.4	-145.96
3765	Juncaceae	Luzula parviflora	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, JUST E OF TWELVEMILE SUMMIT	1957/06/19	65.4	-145.96
35752	Liliaceae	Tofieldia pusilla	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
35691	Lycopodiaceae	Huperzia selago	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96

Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: ArctosTwelvemileSummit

Arctos data on ALA specimens from vicinity of Twelvemile Summit, Steese Highway, as of 5 June 2019								
ALAAC	FAMILY	SCIENTIFIC_NAME	IDENTIFIED_BY	COLLECTORS	SPEC_LOCALITY	COLLDATE	DEC_LAT	DEC_LONG
32044	Pinaceae	<i>Picea glauca</i>	unknown	Lynn M. Castle	Yukon-Tanana Uplands, Mile 81 Steese Hwy., turnout to spring, base of Twelvemile Summit	1964/09/02	65.36	-146.06
3705	Plantaginaceae	<i>Lagotis glauca</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 1.1 km N of Steese Hwy.	1957/06/15	65.4	-145.98
70018	Polemoniaceae	<i>Polemonium acutiflorum</i>	unknown	R. Backer	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, Mile 84.5	1976/07/17	65.41	-146.03
35875	Polygonaceae	<i>Bistorta plumosa</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
22950	Portulacaceae	<i>Claytonia sarmentosa</i>	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVE-MILE SUMMIT, STEESE HWY. MILE 86-	1952/07/07	65.4	-145.96
3698	Primulaceae	<i>Dodecatheon frigidum</i>	James L. Reveal	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 1.1 km N of Steese Hwy.	1957/06/15	65.4	-145.98
91320	Ranunculaceae	<i>Anemone narcissiflora</i>	unknown	Betty Elliott	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1978/06/18	65.4	-145.96
35804	Ranunculaceae	<i>Anemone parviflora</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
35747	Rosaceae	<i>Dryas alaskensis</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
71007	Rosaceae	<i>Rubus arcticus</i>	unknown	Gwen L. Shaughnessy	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1972/06/17	65.4	-145.96
3762	Rosaceae	<i>Rubus chamaemorus</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, JUST E OF TWELVEMILE SUMMIT	1957/06/19	65.4	-145.96
3712	Rosaceae	<i>Sibbaldia procumbens</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/15	65.4	-145.98
35797	Rosaceae	<i>Spiraea stevenii</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
34633	Salicaceae	<i>Salix arctica</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/15	65.4	-145.96
86961	Salicaceae	<i>Salix bebbiana</i>	unknown	David Densmore	Mi 88 Steese Hwy., Twelvemile Cr., MI 88 STEESE HWY., NEAR TWELVEMILE SUMMIT	1976/07/26	65.4	-145.96
3702	Salicaceae	<i>Salix chamissonis</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/14	65.4	-145.96
34630	Salicaceae	<i>Salix chamissonis</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/15	65.4	-145.96
3731	Salicaceae	<i>Salix chamissonis</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/17	65.4	-145.96
3804	Salicaceae	<i>Salix chamissonis</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/24	65.4	-145.96
V104945	Salicaceae	<i>Salix chamissonis</i>	unknown	George W. Argus	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1989/08/18	65.4	-145.96
34632	Salicaceae	<i>Salix chamissonis</i>	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/15	65.4	-145.96
3793	Salicaceae	<i>Salix glauca</i>	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/23	65.4	-145.96
22908	Salicaceae	<i>Salix phlebophylla</i>	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
23890	Salicaceae	<i>Salix phlebophylla</i>	unknown	Fran M. Chauvin	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1963/06/15	65.4	-145.96

Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: ArctosTwelvemileSummit

Arctos data on ALA specimens from vicinity of Twelvemile Summit, Steese Highway, as of 5 June 2019								
ALAAC	FAMILY	SCIENTIFIC_NAME	IDENTIFIED_BY	COLLECTORS	SPEC_LOCALITY	COLLDATE	DEC_LAT	DEC_LONG
3706	Salicaceae	Salix polaris	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/14	65.4	-145.98
3758	Salicaceae	Salix pulchra	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/19	65.4	-145.96
23845	Salicaceae	Salix reticulata	unknown	Fran M. Chauvin	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1963/06/15	65.4	-145.96
3718	Salicaceae	Salix reticulata	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1957/06/16	65.4	-145.96
34631	Salicaceae	Salix reticulata	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/15	65.4	-145.96
94341	Saxifragaceae	Parnassia kotzebuei	unknown	Irvin W. Ailes	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, Mile 85	1970/08/00	65.4	-145.96
3704	Saxifragaceae	Saxifraga nelsoniana	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, 1 km N of Steese Hwy.	1957/06/14	65.4	-145.98
22912	Scrophulariaceae	Castilleja hyperborea	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1951/07/14	65.4	-145.96
V120056	Scrophulariaceae	Castilleja hyperborea	Mark Egger	Ulf Molau, Bente Eriksen	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1994/07/05	65.4	-145.96
23815	Scrophulariaceae	Castilleja hyperborea	unknown	G. M. Frohne	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1953/07/24	65.4	-145.96
34613	Scrophulariaceae	Castilleja hyperborea	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
3770	Scrophulariaceae	Pedicularis labradorica	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, JUST E OF TWELVEMILE SUMMIT	1957/06/19	65.4	-145.96
3709	Scrophulariaceae	Pedicularis lanata	unknown	Stanwyn G. Shetler	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, just N of Steese Hwy.	1957/06/14	65.4	-145.98
11204	Scrophulariaceae	Pedicularis langsdoerffii	unknown	S. Galen Smith	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVEMILE SUMMIT, CA. MI 87 STEESE HWY.	1953/06/02	65.4	-145.96
22948	Scrophulariaceae	Pedicularis oederi	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVEMILE SUMMIT, ROAD ON LAST SLOPE, M	1952/07/07	65.4	-145.96
87699	Scrophulariaceae	Pedicularis oederi	unknown	Betty Elliott	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1978/06/18	65.4	-145.96
23892	Scrophulariaceae	Pedicularis oederi	unknown	Fran M. Chauvin	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1963/06/15	65.4	-145.96
11470	Scrophulariaceae	Pedicularis oederi	unknown	S. Galen Smith	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, TWELVEMILE SUMMIT, CA. MI 87 STEESE HWY.	1953/06/02	65.4	-145.96
35734	Valerianaceae	Valeriana capitata	unknown	Vernon L. Harms	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit	1967/07/12	65.4	-145.96
22883	Violaceae	Viola biflora	unknown	Brina Kessel	Yukon-Tanana Highland, Mile 85.5 Steese Hwy., Twelvemile Summit, Mile 86-87	1952/07/07	65.4	-145.96

Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: Lists

Family	^Composite Checklist	*7-9 July 2000	**9 June 2019	***8 Jun 2019	****10 June 2019	Synonyms	Comments
Apiaceae	Podistera macounii	Seen	Seen, f			Ligusticum mutellinoides sensu Hultén 1968	
Asteraceae	Antennaria alpina complex		Seen, f				
Asteraceae	Antennaria friesiana (?)	Seen					
Asteraceae	Antennaria monocephala	Seen					
Asteraceae	Antennaria rosea complex		Seen, f				
Asteraceae	Antennaria spp.			Seen			
Asteraceae	Arnica frigida	Seen	Seen, b				
Asteraceae	Artemisia arctica	Seen	Seen, nf	Seen			
Asteraceae	Packera heterophylla	Seen	Seen, b			Senecio resedifolius sensu Hultén 1968	
Asteraceae	Petasites frigidus	Seen			Seen		
Asteraceae	Saussurea angustifolia	Seen	Seen, nf				
Asteraceae	Senecio lugens	Seen					
Asteraceae	Solidago multiradiata	Seen					
Asteraceae	Tephroses frigida	Seen	Seen, f			Senecio atropurpureus subsp. frigida sensu Hultén 1968	
Asteraceae	Tephroses kjellmanii		Seen, f			Senecio atropurpureus subsp. tomentosus sensu Hultén 1968	
Asteraceae	Tephroses lindstroemii		Seen, b, bf			Senecio fuscatus sensu Hultén 1968	
Asteraceae	Tephroses yukonensis/lindstroemii	Seen	Seen (leaves)			Senecio yukonensis/fuscatus, one or the other or both, sensu Hultén 1968	
Betulaceae	Alnus viridis subsp. crispa	Seen	Seen			Alnus crispa sensu Hultén 1968	
Betulaceae	Betula nana	Seen	Seen	Seen			
Boraginaceae	Eritrichium aretioides	Seen	Seen				
Boraginaceae	Myosotis alpestris subsp. asiatica		Seen				
Brassicaceae	Cardamine bellidifolia	Seen					
Brassicaceae	Cardamine polemonioides	Seen				Cardamine pratensis sensu Hultén 1968	
Brassicaceae	Cardamine purpurea	Seen	Seen, f				
Brassicaceae	Draba cf. fladnizensis		Seen, f				
Brassicaceae	Draba spp.	Seen					
Brassicaceae	Eutrema edwardsii	Seen	Seen, f				
Brassicaceae	Parrya nudicaulis	Seen	Seen, f				
Campanulaceae	Campanula lasiocarpa	Seen					
Campanulaceae	Campanula uniflora	Seen					
Caryophyllaceae	Cerastium beeringianum	Seen	Seen, f				
Caryophyllaceae	Minuartia arctica	Seen					
Caryophyllaceae	Minuartia elegans	Seen	Seen, f			Subsumed under M. rossii in Hultén 1968	
Caryophyllaceae	Minuartia macrocarpa	Seen					
Caryophyllaceae	Minuartia rubella		Seen, b				
Caryophyllaceae	Silene acaulis	Seen	Seen, f				
Caryophyllaceae	Silene involucreta subsp. involucreta		Seen, f			Melandrium affine sensu Hultén 1968, Gastrolychnis affinis	
Caryophyllaceae	Silene uralensis/involucreta		Seen, b				
Caryophyllaceae	Stellaria longipes	Seen	Seen, f				sens. lat.
Crassulaceae	Rhodiola integrifolia	Seen	Seen			Sedum rosea sensu Hultén 1968	
Cyperaceae	Carex bigelowii	Seen	Seen, bf				
Cyperaceae	Carex capillaris-group	Seen	Seen, f			possibly includes C. carusii and C. williamsii	
Cyperaceae	Carex fuliginosa subsp. misandra	Seen				C. misandra sensu Hultén 1968	
Cyperaceae	Carex lachenalii	Seen					
Cyperaceae	Carex membranacea	Seen					
Cyperaceae	Carex microchaeta	Seen	Seen, f	Seen, bf			
Cyperaceae	Carex podocarpa	Seen					
Cyperaceae	Carex scirpoidea	Seen	Seen, f				
Cyperaceae	Carex vaginata	Seen	Seen, f				
Cyperaceae	Eriophorum angustifolium	Seen	Seen, f				
Cyperaceae	Eriophorum chamissonis		Seen, f				
Cyperaceae	Eriophorum vaginatum	Seen	Seen, f				
Diapensiaceae	Diapensia obovata	Seen	Seen, f	Seen, f		D. lapponica subsp. obovata sensu Hultén 1968	
Dryopteridaceae	Dryopteris fragrans	Seen					
Equisetaceae	Equisetum arvense	Seen	Seen				
Equisetaceae	Equisetum variegatum				Seen		In borrow pit along highway
Ericaceae	Andromeda polifolia	Seen	Seen				
Ericaceae	Arctous alpina	Seen	Seen	Seen		Arctostaphylos alpina sensu Hultén 1968	
Ericaceae	Arctous rubra		Seen			Arctostaphylos rubra sensu Hultén 1968	
Ericaceae	Cassiope tetragona	Seen	Seen, f	Seen, f			
Ericaceae	Empetrum nigrum	Seen	Seen, pf	Seen			
Ericaceae	Kalmia procumbens	Seen	Seen, f	Seen, f		Loiseleuria procumbens sensu Hultén 1968	
Ericaceae	Orthilia obtusata	Seen				Pyrola secunda subsp. obtusata sensu Hultén 1968	
Ericaceae	Pyrola grandiflora	Seen	Seen, nf (leaves)				
Ericaceae	Rhododendron lapponicum	Seen	Seen, f				
Ericaceae	Rhododendron tomentosum subsp. decumbens	Seen	Seen	Seen		Ledum palustre subsp. decumbens sensu Hultén 1968	
Ericaceae	Vaccinium uliginosum	Seen	Seen	Seen			
Ericaceae	Vaccinium vitis-idaea	Seen	Seen	Seen			
Fabaceae	Astragalus aboriginorum	Seen				A. aboriginum sensu Hultén 1968	
Fabaceae	Astragalus umbellatus	Seen	Seen, b				
Fabaceae	Lupinus arcticus	Seen	Seen, bf				
Fabaceae	Oxytropis bryophila	Seen	Seen, f	Seen, bf		Oxytropis nigrescens subsp. bryophila sensu Hultén 1968	
Fabaceae	Oxytropis maydelliana	Seen					
Fabaceae	Oxytropis scammaniana	Seen	Seen, f				
Fabaceae	Oxytropis viscida	Seen					
Fumariaceae	Corydalis arctica	Seen	Seen, f			C. pauciflora sensu Hultén 1968	Fumariaceae is subsumed under Papaveraceae in the Angiosperm Phylogeny Website, Jan 2020

Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: Lists

Family	^Composite Checklist	*7-9 July 2000	**9 June 2019	***8 Jun 2019	****10 June 2019	Synonyms	Comments
Gentianaceae	<i>Gentiana glauca</i>	Seen	Seen, b				
Juncaceae	<i>Juncus albescens</i>		Seen			<i>J. triglumis</i> subsp. <i>albescens</i> sensu Hultén 1968	
Juncaceae	<i>Juncus</i> spp.	Seen					
Juncaceae	<i>Luzula confusa</i>		Seen, f				
Juncaceae	<i>Luzula kjellmaniana</i>		Seen, f			<i>L. tundricola</i> sensu Hultén 1968	
Juncaceae	<i>Luzula</i> spp.	Seen					
Liliaceae	<i>Lloydia serotina</i>	Seen	Seen				
Linnaeaceae	<i>Linnaea borealis</i>	Seen			Seen		
Lycopodiaceae	<i>Huperzia haleakalae</i>	Seen	Seen			<i>Lycopodium selago</i> sensu Hultén 1968	
Lycopodiaceae	<i>Lycopodium clavatum</i>		Seen				
Montiaceae	<i>Claytonia eschscholtzii</i>	Seen				<i>C. acutifolia</i> sensu Hultén 1968	
Montiaceae	<i>Claytonia sarmentosa</i>	Seen					
Montiaceae	<i>Claytonia scammaniana</i>	Seen					
Onagraceae	<i>Chamerion angustifolium</i>	Seen	Seen			<i>Epilobium angustifolium</i> sensu Hultén 1968	
Onagraceae	<i>Chamerion latifolium</i>	Seen				<i>Epilobium latifolium</i> sensu Hultén 1968	
Orobanchaceae	<i>Castilleja hyperborea</i>	Seen	Seen, bf				
Orobanchaceae	<i>Pedicularis capitata</i>	Seen	Seen, pf	Seen			
Orobanchaceae	<i>Pedicularis labradorica</i>	Seen			Seen, b		
Orobanchaceae	<i>Pedicularis lanata</i>	Seen	Seen, f	Seen, f			
Orobanchaceae	<i>Pedicularis langsdorffii</i>	Seen					
Orobanchaceae	<i>Pedicularis oederi</i>	Seen	Seen, f				
Orobanchaceae	<i>Pedicularis sudetica</i> sens. lat.	Seen			Seen, nf		sens. lat., sensu Hultén 1968
Orobanchaceae	<i>Pedicularis verticillata</i>	Seen					
Papaveraceae	<i>Papaver hultenii</i>		Seen, f			<i>P. lapponicum</i> & <i>P. radicum</i> s.l. sensu Hultén 1968	
Papaveraceae	<i>Papaver keelei</i>	Seen	Seen, f			<i>P. macounii</i> sensu Hultén 1968	
Parnassiaceae	<i>Parnassia kotzebuei</i>	Seen					
Pinaceae	<i>Picea glauca</i>	Seen	Seen (5 cm tall)	Seen (20 cm tall)			
Plantaginaceae	<i>Lagotis glauca</i>	Seen	Seen, f				
Plantaginaceae	<i>Veronica alaskensis</i>	Seen	Seen, pf	Seen, pf		<i>Syntheris borealis</i> sensu Hultén 1968	
Plantaginaceae	<i>Veronica wormskjoldii</i>	Seen					
Poaceae	<i>Arctagrostis latifolia</i>	Seen	Seen				
Poaceae	<i>Calamagrostis canadensis</i>				Seen		
Poaceae	<i>Festuca altaica</i>	Seen	Seen, bf	Seen			
Poaceae	<i>Festuca brachyphylla</i> sens. lat.		Seen, f				
Poaceae	<i>Festuca</i> spp.	Seen					
Poaceae	<i>Hierochloa alpina</i>	Seen	Seen, f	Seen, f		<i>Anthoxanthum monticola</i> sensu FNA	
Poaceae	<i>Poa arctica</i>		Seen				
Poaceae	<i>Poa</i> spp.	Seen					
Poaceae	<i>Trisetum spicatum</i>	Seen	Seen, f				
Polemoniaceae	<i>Polemonium acutiflorum</i>	Seen					
Polygonaceae	<i>Bistorta plumosa</i>	Seen	Seen			<i>Polygonum bistorta</i> subsp. <i>plumosum</i> sensu Hultén 1968	
Polygonaceae	<i>Bistorta vivipara</i>	Seen	Seen			<i>Polygonum viviparum</i> sensu Hultén 1968	
Polygonaceae	<i>Oxyria digyna</i>	Seen					
Primulaceae	<i>Androsace chamaejasme</i>	Seen	Seen				
Primulaceae	<i>Dodecatheon frigidum</i>	Seen			Seen, f		
Ranunculaceae	<i>Aconitum delphinifolium</i>	Seen	Seen		Seen		
Ranunculaceae	<i>Anemone lithophila</i>	Seen				<i>A. drummondii</i> sensu Hultén 1968	
Ranunculaceae	<i>Anemone parviflora</i>	Seen	Seen, f				
Ranunculaceae	<i>Anemone richardsonii</i>	Seen			Seen		
Ranunculaceae	<i>Anemone sibirica</i>	Seen	Seen, f	Seen, f	Seen	<i>A. narcissiflora</i> sensu Hultén 1968	
Ranunculaceae	<i>Delphinium chamissonis</i>	Seen				<i>Delphinium brachycentrum</i> sensu Hultén 1968	
Ranunculaceae	<i>Ranunculus eschscholtzii</i>	Seen	Seen, f				
Ranunculaceae	<i>Ranunculus nivalis</i>	Seen			Seen, f		
Rosaceae	<i>Dryas ajanensis</i>	Seen	Seen	Seen, bf		<i>D. octopetala</i> sensu Hultén 1968	
Rosaceae	<i>Dryas integrifolia</i> sensu Hultén 1968				Seen, bf		sensu Hultén 1968
Rosaceae	<i>Geum glaciale</i>	Seen	Seen, pf				
Rosaceae	<i>Geum rossii</i>	Seen	Seen, pf		Seen, f		
Rosaceae	<i>Potentilla biflora</i>	Seen	Seen				
Rosaceae	<i>Potentilla elegans</i>	Seen					
Rosaceae	<i>Potentilla hyparctica</i>	Seen					
Rosaceae	<i>Potentilla uniflora</i> sensu Hultén 1968	Seen					sensu Hultén 1968
Rosaceae	<i>Rubus chamaemorus</i>	Seen			Seen		
Rosaceae	<i>Spiraea stevenii</i>	Seen		Seen		<i>Spiraea beauverdiana</i> sensu Hultén 1968	
Salicaceae	<i>Salix alaxensis</i>	Seen	Seen				
Salicaceae	<i>Salix arctica</i>	Seen	Seen				
Salicaceae	<i>Salix chamissonis</i>	Seen	Seen		Seen, f		
Salicaceae	<i>Salix glauca</i>	Seen					
Salicaceae	<i>Salix niphoclada</i>		Seen, f			<i>Salix brachycarpa</i> subsp. <i>brachycarpa</i> sensu Argus 1973	
Salicaceae	<i>Salix phlebophylla</i>	Seen	Seen	Seen			S. phleb or S. rot or both abundant, 9 Jun 2019
Salicaceae	<i>Salix pulchra</i>	Seen	Seen				
Salicaceae	<i>Salix reticulata</i>	Seen	Seen				
Salicaceae	<i>Salix rotundifolia</i>	Seen	Seen	Seen			S. phleb or S. rot or both abundant, 9 Jun 2019
Salicaceae	<i>Salix rotundifolia</i> subsp. <i>dodgeana</i>	Seen					
Saxifragaceae	<i>Micranthes hieraciifolia</i>	Seen	Seen, b			<i>Saxifraga hieraciifolia</i> sensu Hultén 1968	
Saxifragaceae	<i>Micranthes nelsoniana</i>	Seen	Seen, f			<i>Saxifraga punctata</i> subsp. <i>nelsoniana</i> sensu Hultén 1968	
Saxifragaceae	<i>Micranthes nivalis</i>	Seen				<i>Saxifraga nivalis</i> sensu Hultén 1968	
Saxifragaceae	<i>Micranthes reflexa</i>		Seen, f			<i>Saxifraga reflexa</i> sensu Hultén 1968	
Saxifragaceae	<i>Saxifraga cespitosa</i>	Seen					
Saxifragaceae	<i>Saxifraga funstonii</i>	Seen	Seen, f			<i>S. bronchialis</i> sens. lat. sensu Hultén 1968	
Saxifragaceae	<i>Saxifraga hirculus</i>	Seen	Seen				

Alpines of Pinnell Mountain Recreation Trail by Marilyn Barker: Lists

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Saxifragaceae	Saxifraga oppositifolia	Seen	Seen, pf				
Saxifragaceae	Saxifraga serpyllifolia	Seen					
Saxifragaceae	Saxifraga setigera	Seen				S. flagellaris sens. lat. sensu Hultén 1968	
Selaginellaceae	Selaginella sibirica	Seen					
Tofieldiaceae	Tofieldia coccinea	Seen	Seen, b				
Tofieldiaceae	Tofieldia pusilla	Seen			Seen		10 June entry: Actually seen on this stretch of trail on 8 June
Valerianaceae	Valeriana capitata	Seen			Seen, bf		
Woodsiaceae	Cystopteris fragilis	Seen					
^Nomenclature standardized as much as possible to floraofalaska.org website, 16 January 2020							
*Species List from Pinnell Mountain Trail (the whole trail), July 7-9, 2000, by Alan Batten and Marilyn Barker. Elev 3150-4934 feet (960-1504 m).							
**Species list from Table Mountain area, mile 21.75 to 24 Pinnell Mountain Trail. 9 June 2019. Alan Batten, Marilyn Barker, Dennis Ronsse, Annie Ronsse, Rachel Pernick. Elev 3650-4472 feet (1113-1363 m).							
***Slopes south and east of camp on bench at about 24.2 mile on the trail. Alan Batten and Marilyn Barker, 8 June 2019. Elev 3700-3850 feet (1128-1173 m).							
****Walking back to road from camp at 24.2 mile to trailhead (Twelvemile Summit) at about 27 mile. Alan Batten, Marilyn Barker, Rachel Pernick, 10 July 2019. Elev 3150-4000 feet (960-1219 m).							
b=in bud, f=flowering, bf=beginning to flower, pf=past flower (fruits developing), nf=no sign of flowers vet.							