	ACROSS THE TOP OF THE WORLD #1928 22 July - 5 August 2019 Species - Botany	Area of Occurrence	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
1	**SEABEACH SANDWORT** *Honckenya peploides*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
2	**DUNE WILD-RYE** *Leymus mollis*	KL, OH, CM, KM. CH										X	X	X																		
3	**SEABEACH SENECIO** *Senecio pseudo-arnica*	KL, OH, CM, KM. CH										X	X	X																		
4	**BEACH PEA** *Lathyrus japonicus*	KL, OH, CM, KM. CH																														
5	**THRIFT** *Armeria maritima*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
6	**SEA LUNGWORTH** *Mertensia maritima*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
7	**BEAR'S ANGELICA** *Angelica ursina*	KL, OH, CM, KM. CH										X	X	X																		
8	**MARSH CUDWEED** *Gnaphalium uliginosum*	KL, OH, CM, KM. CH																														
9	**CONGESTED WORMWOOD** *Artemisia glomerata*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
10	**ARCTIC WORMWOOD** *Artemisia arctica*	KL, OH, CM, KM. CH, WR							X	X		X	X	X																		
11	**EXUBERANT WORMWOOD** *Artemisia opulenta*	KL, OH, CM, KM. CH										X	X	X																		
12	**ARCTIC DAISY** *Arctanthemum arcticum*	KL, OH, CM, KM. CH										X	X	X																		
13	**LIGHT DANDELION** *Taraxacum dilutum dahlst*	KL, OH, CM, KM. CH																														
14	**ARCTIC DANDELION** *Taraxacum arcticum*	KL, OH, CM, KM. CH, WR																														
15	**SCENTLESS FALSE MAYWEED** *Tripleurospermum perforata*	KL, OH, CM, KM																														
16	*Tripleurospermum hokerii*	WR							X																							
17	**ARCTICSWEET COLTSFOOT** *Petasites frigidus*	OH, KM. CH, WR						X	X	X		X	X	X																		
18	**MUIR'S FLEABANE** *Erigeron muirii*	KL, OH, CM, KM. CH, WR							X	X																						
19	**NORTHERN GOLDENROD** *Solidago multiradiata*	KL, OH, CM, KM. CH, WR										X	X	X																		
20	**KAMCHATKA FRITILLARY** *Fritillaria camschatcensis*	KL, OH, CM, KM. CH																														

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21	**CHIVES** *Allium schoenoprasum*	KL, OH, CM, KM. CH, WR							X																							
22	**LAPLAND CORNEL** *Chamaepericlymenum suecicum*	KL, OH, CM, KM. CH										X	X	X																		
23	**NORTHERN GRASS OF PARNASSUS** *Parnassia palustris*	KL, OH, CM, KM. CH										X	X	X																		
24	**ROSEROOT STONECROP** *Rhodiola rosea*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
25	**ENTIRE-LEAF STONECROP** *Rhodiola integrifolia*	KL, OH, CM, KM. CH																														
26	**ARCTIC COTTON GRASS** *Eriophorum angustifolium*	KL, OH, CM, KM. CH										X	X	X																		
27	**SCHEUCHZER'S COTTON GRASS** *Eriophorum scheuchzeri*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
28	**MARSH LABRARDOR TEA** *Ledum palustre*	KL, OH, CM, KM. CH, WR							X			X	X	X																		
29	*Ledum decumbens*	WR								X																						
30	**ALPINE AZALEA** *Loiseleuria procumbens*	KL, OH, CM, KM. CH										X	X	X																		
31	**KAMCHATKA RODODENDRON** *Rhododendron camtschaticum*	KL, OH, CM, KM. CH										X	X	X																		
32	**GOLDEN RODODENDRON** *Rhododendron aureum*	KL, OH, CM, KM. CH																														
33	**BOG/ARCTIC BLUEBERRY** *Vaccinium ulliginosum*	KL, OH, CM, KM. CH, WR										X	X	X																		
34	**LINGONBERRY** *Vaccinium vitis-idaea*	KL, OH, CM, KM. CH																														
35	*Vaccinium minus*	WR								X																						
36	**BOG ROSEMARY** *Andromeda polifolia*	KL, OH, CM, KM. CH																														
37	**BLUE MOUNTAINHEATH** *Phyllodoce caerulla*	KL, OH, CM, KM. CH																														
38	**ARCTIC BEARBERRY** *Arctous alpina*	KL, OH, CM, KM. CH										X	X	X																		
39	**ARCTIC CROWBERRY** *Empetrum nigrum*	KL, OH, CM, KM. CH										X	X	X																		
40	**CLUBMOSS MOUNTAIN HEATHER** *Cassiope lycopodioides*	KL, OH, CM, KM. CH										X	X	X																		

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41	**ARCTIC BELL-HEATHER** *Cassiope tetragona*	WR							X																							
42	**COMMON MARE'S-TAIL** *Hippuris vulgaris*	KL, OH, CM, KM. CH											X	X																		
43	**COMMON FIREWEED** Chamaenerion (*Epilobium) angustifolium*	KL, OH, CM, KM. CH											X	X																		
44	**ARCTIC FIREWEED** *Chamaenerion (Epilobium) latifolium*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
45	**TUFTED FORGET-ME-NOT** *Myosotis cespitosa*	KL, OH, CM, KM. CH						X	X	X			X	X																		
46	**WHITLOW GRASS** *Draba sp.*	KL, OH, CM, KM. CH, WR																														
47	**WHITLOW GRASS** « BARBATA » *Draba barbata*	WR							X	X																						
48	**NORTHERN PARRYA** *Parrya nudicaulis*	KL, OH, CM, KM. CH							X	X		X		X																		
49	**UMBEL BITTER-CRESS** *Cardamine umbellata*	KL, OH, CM, KM. CH										X	X	X																		
50	**ALPINUM KNOTWEED** *Aconogonon tripterocarpum*	KL, OH, CM, KM. CH										X	X	X																		
51	**PINK PLUMES** *Polygonum bistortum*	KL, OH, CM, KM. CH							X	X		X	X	X																		
52	**WILD RHUBARB** *Polygonum arcticum*	KL, OH, CM, KM. CH											X	X																		
53	**ARCTIC DOCK** *Rumex arcticus*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
54	**ALPINE BISTORT** *Bistorta vivipara*	KL, OH, CM, KM. CH						X	X	X		X	X	X																		
55	**BISTORT** *Bistorta plumosa*	WR							X																							
56	**COW PARSLEY** *Heracleum lanatum*	KL, OH, CM, KM. CH										X	X	X																		
57	**NORTHERN GERANIUM** *Geranium erianthum*	KL, OH, CM, KM. CH																														
58	**SWEETFLOWER ANDROSACE** *Androsace chamaejasme*	KL, OH, CM, KM. CH											X																			
59	**ANDROSACE** *Androsace ochotensis*	WR							X	X																						
60	**DIAPENSIA OBOVATA** *Diapensia obovata*	KL, OH, CM, KM. CH										X	X	X																		

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61	**SNOW BUTTERCUP** *Ranunculus nivalis*	KL, OH, CM, KM. CH, WR								X		X	X	X																		
62	*Ranunculus gmelinii*	WR								X																						
63	*Ranunculus grayi*	WR								X																						
64	*Ranunculus hyperboreus*	WR								X																						
65	*Ranunculus turneri*	WR								X																						
66	**BIG MONKSHOOD** *Aconitum maximum*	KL, OH, CM, KM. CH																														
67	**FISCHER MONKSHOOD** *Aconitum fischeri*	OH, CM, KM. CH										X	X	X																		
68	**NARCISSUS ANEMONE** *Anemone narcissifolia*	KL, OH, CM, KM. CH																														
69	**YELLOW MARSH MARIEGOLD** *Caltha palustris*	KL, OH, CM, KM. CH							X			X	X	X																		
70	**RIEDER'S GLOBEFLOWER** *Trollius riderianus*	KL, OH, CM, KM. CH											X	X																		
71	**NORTHEN JACOB'S-LADDER** *Polemonium acutiflorum*	KL, OH, CM, KM. CH, WR							X	X		X	X	X																		
72	**CAPITATE VALERIAN** *Valeriana capitata*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
73	**KAMCHATKA OXYTROPE** *Oxytropis kamschatika*	KL, OH, CM, KM. CH										X	X	X																		
74	**SILVERY OXYTROPE** *Oxytropis arctobia*	KL, OH, CM, KM. CH											X	X																		
75	**OXYTROPE** *Oxytropis umbellatus*	WR							X																							
76	**OXYTROPE** *Oxytropis gorodkovii*	WR						X	X	X																						
77	**OXYTROPE** *Oxytropis sp.*	KL, OH, CM, KM. CH, WR																														
78	**ALPINE MILKVETCH** *Astragalus alpinus*	KL, OH, CM, KM. CH						X	X	X		X	X	X																		
79	*Astragalus umbellatus*	WR								X																						
80	**FALSE HELLEBORE** *Veratrum oxysepalum*	KL, OH, CM, KM. CH												X																		

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81	**FALSE CALTHALEAF AVENS** *Parageum calthifolium*	KL, OH, CM, KM. CH												X																		
82	**SHRUBBY CINQUEFOIL** *Potentilla fruticosa*	KL, OH, CM, KM. CH										X	X	X																		
83	**BERING CHINQUEFOIL** *Potentilla beringii*	CM																														
84	**ARCTIC CHINQUEFOIL** *Potentilla hyparctica*	KL, OH, CM, KM. CH						X	X	X		X	X	X																		
85	**MOUNTAIN AVENS** *Dryas octopetala*	KL, OH, CM, KM. CH										X	X	X																		
86	**AVENS** *Dryas incisa*	WR						X	X	X																						
87	**CLOUD BERRY** *Rubus chamaemorus*	KL, OH, CM, KM. CH										X	X	X																		
88	**BEAUVERD SPIREA** *Spiraea beauverdiana*	KL, OH, CM, KM. CH																														
89	**SMALL AVENS** *Sieversia pusilla*	KM. CH																														
90	**GOATBEARD** *Aruncus dioicus*	KL, OH, CM, KM. CH											X	X																		
91	**TUPTED SAXIFRAGE** *Saxifraga caespitosa*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
92	**YELLOW MARSH SAXIFRAGE** *Saxifraga hirculus*	KL, OH, CM, KM. CH, WR										X	X	X																		
93	**HAWKWEED-LEAFED SAXIFRAGE** *Saxifraga hieracifolia*	KL, OH, CM, KM. CH						X	X	X		X	X	X																		
94	**MERK'S SAXIFRAGE** *Saxifraga merkii*	KL, OH, CM, KM. CH										X	X	X																		
95	**SPIDER PLANT** *Saxifraga flagellaris*	KM. CH, WR						X	X	X																						
96	**HEARTLEAF SAXIFRAGE** *Micranthes nelsoniana*	KL, OH, CM, KM. CH																														
97	**PYGMY SAXIFRAGE** *Saxifraga pygmeaus*	KL, OH, CM, KM. CH																														
98	**SAXIFRAGE** *Saxifraga hieracifolia*	WR						X	X	X																						
99	**MOSS CAMPION** *Silene acaulis*	KL, OH, CM, KM. CH											X	X																		
100	**NODDING LYCHNIS** *Gastrolychnis apetala*	KL, OH, CM, KM. CH, WR							X ?	X ?																						

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101	*Gastrolychnis atenuata*	WR							X ?	X ?																						
102	**CATCHFLY** *Lychnis sp.*	KL, OH, CM, KM. CH, WR																														
103	**ARCTIC MOUSE-EAR** *Carastium arcticum*	KL, OH, CM, KM. CH																														
104	**ESCHSCHOLTZ STARWORT** *Stellaria eschscholtziana*	KL, OH, CM, KM. CH										X	X	X																		
105	*Stellaria crassipes*	WR						X	X	X																						
106	**ELEGANT PAINTBRUSH** *Castilleja elegans*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
107	**GLAUCOUS WEASEL-SNOUT** *Lagotis glauca*	KL, OH, CM, KM. CH, WR											X	X																		
108	*Lagotis minor*	WR							X	X																						
109	**WOOLY LOUSEWORT** *Pedicularis hirsuta*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
110	**LOUSEWORT** *Pedicularis capitata*	WR							X																							
111	**LOUSEWORT** *Pedicularis sp.*	KL, OH, CM, KM. CH, WR																														
112	**THICK VIOLET** *Viola crassa*	KL, OH, CM, KM. CH																														
113	**SELKIRK'S VIOLET** *Viola selkirkii*	KL, OH, CM, KM. CH																														
114	**WILD FLAG** *Iris setosa*	KL, OH, CM, KM. CH																														
115	**ARCTIC POPPY** *Papaver radicatum*	KL, OH, CM, KM. CH						X	X	X		X	X	X																		
116	**POPPY** *Papaver sp.*	WR						X	X	X																						
117	**KEYFLOWER** *Dactylorhiza aristata*	KL, OH, CM, KM. CH																														
118	**MOUNTAIN SORREL** *Oxyria digyana*	KL, OH, CM, KM. CH, WR						X	X	X			X	X																		
119	**COMMON SCURVY-GRASS** *Cochlearia oficinalis*	KL, OH, CM, KM. CH											X	X																		
120	**GREENLAND SCURVY-GRAS** *Cochlearia groenlandica*	WR						X	X	X																						

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121	**DOWNY ALDER** *Alnus hirsuta*	KL, OH, CM, KM. CH																														
122	**DWARF BEARCH** *Betula nana subsp.exilis*	KL, OH, CM, KM. CH										X	X	X																		
123	**SIBERIAN MOUNTAIN ASH** *Sorbus sambucifolia*	KL, OH, CM, KM. CH																														
124	**STONE BIRCH** *Betula ermani*	KL, OH, CM, KM. CH																														
125	**MOUNTAIN PINE (JAPANESE STON PINE)** *Pinus pumila*	KL, OH, CM, KM. CH																														
126	**ARCTIC WILLOW** *Salix arctica*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
127	**DIAMOND-LEAVED WILLOW** *Salix pulchra*	KL, OH, CM, KM. CH, WR							X	X			X	X																		
128	**CHUKCHI WILLOW** *Salix tshuktshorum*	KL, OH, CM, KM. CH											X	X																		
129	**LEAST WILLOW** *Salix rotundifolia*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
130	**ARCTIC MARSH-WILLOW** *Salix arctophila*	KL, OH, CM, KM. CH												X																		
131	**NET-VEINED WILLOW** *Salix reticulata*	KL, OH, CM, KM. CH, WR						X	X	X				X																		
132	**WILLOW** *Salix lanata*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
133	**HORSERAIL** *Equisetum scirpoides*	KL, OH, CM, KM. CH, WR						X	X	X		X	X	X																		
134	**COMMON HORSERAIL** *Equisetum arvence*	KL, OH, CM, KM. CH										X	X	X																		
135	**SCOURINGRUSH HORSERAIL** *Equisetum hyemale*	KL, OH, CM, KM. CH																														
136	*Alopecurus alpinus*	WR						X																								
137	*Elymus kronokensis*	WR						X																								
138	*Leymus interior*	WR						X																								
139	*Poa sp.*	WR						X	X	X		X	X	X																		
140	*Carex sp.*	WR						X	X	X		X	X	X																		

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141	*Eleocharis acicularis*	WR						X		X			X																			
142	*Eriophorum sp.*	WR						X	X	X		X	X	X																		
143	*Juncus sp.*	WR						X	X	X			X	X																		
144	*Lloydia serotina*	WR						X	X	X																						
145	*Rumex pseudooxyria*	WR						X	X	X																						
146	*Claytonia arctica*	WR								X																						
147	*Cerastium sp.*	WR								X																						
148	*Cerastium maximum*	WR								X																						
149	*Minuartia macrocarpa*	WR								X																						
150	*Caltha caespitosa*	WR							X	X																						
151	*Erysimum pallasii*	WR								X																						
152	*Chrysosplenium tetrandrum*	WR						X	X																							
153	*Gallium boreale*	CH											X																			
154	*Campanula lasiocarpa*	CH												X																		
155	*Arnica lessingii*	CH										X	X	X																		
156	*Aster sibiricus*	CH											X																			
157	*Cnidium cnidifolium*	CH										X																				
158	*Delphinium brachycentrum*	CH											X																			
159																																
160	**WRANGEL ISLAND ENDEMIC PLANTS : (below)**																															

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161	**HIEROCHLOE VRANGELICA**	WR																														
162	**POA WRANGELICA**	WR																														
163	**PUCCINELLIA COLPODIOIDES**	WR																														
164	**ROEGNERIA VILLOSA SSP.COERULEA**	WR																														
165	**TRISETUM WRANGELENSE**	WR																														
166	**SALIX STOLONIFERA SSP.CARBONICOLA**	WR																														
167	**CLAYTONIELLA VASSILIEVII SSP.PETROVSKII**	WR																														
168	**GASTROLYCHNIS TRIFLORA SSP.WRANGELICA**	WR																														
169	**PAPAVER ATROVIRENS**	WR																														
170	**PAPAVER CALCAREUM**	WR																														
171	**PAPAVER CHIONOPHILUM**	WR																														
172	**PAPAVER GORODKOVII**	WR																														
173	**PAPAVER MULTIRADIATUM**	WR																														
174	**PAPAVER USCHAKOVII**	WR																														
175	**CARDAMINE PURPUREA**	WR																														
176	**RHODIOLA ROSEA SSP.ROSEA**	WR																														
177	**POTENTILLA USCHAKOVII**	WR																														
178	**POTENTILLA WRANGELII**	WR																														
179	**OXYTROPIS UNIFLORA**	WR																														
180	**OXYTROPIS USCHAKOVII**	WR																														

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181	**OXYTROPIS WRANGELII**	WR																														
182	**ERIGERON COMPOSITUS**	WR																														
183	**SENECIO HYPERBOREALIS SSP.WRANGELICA**	WR																														
184	**TARAXACUM NANAUNII**	WR																														
185	**TARAXACUM PSEUDOPLATYLEPIUM**	WR																														
186	**TARAXACUM TOLMACZEVII**	WR																														
187	**TARAXACUM USCHAKOVII**	WR																														
188	**TARAXACUM WRANGELICUM**	WR																														
189																																
190																																
191																																
192																																