

## Appendix E-Achievment of Forest Plan Direction For Regional Forester Sensitive Plants

<b>RFSS PLANT ACCOMPLISHMENT TOWARD DESIRED CONDITION – FINE FILTER</b>			
<b>Record of Decision (7/04)</b>		<b>(DECADE 1)</b>	<b>2006 Condition</b>
Existing Condition - Species	# of occurrences	FEIS Projected or Proposed Condition	# of occurrences
<b>RFSS Plants of shallow water/littoral zones/fluctuating shores</b>			
Alpine milkvetch ( <i>Astragalus alpinus</i> )	2	No threats to viability of RFSS plants	2
Swamp beggar-ticks ( <i>Bidens discoidea</i> )	1	No threats to viability of RFSS plants	1
Floating marsh-marigold ( <i>Caltha natans</i> )	9	No threats to viability of RFSS plants	19
Katahdin sedge ( <i>Carex katahdinensis</i> )	14	No threats to viability of RFSS plants	18
Linear leaved sundew ( <i>Drosera linearis</i> )	NA. Added to RFSS list 10/5/06)	No threats to viability of RFSS plants	4
Neat spike-rush ( <i>Eleocharis nitida</i> )	14	No threats to viability of RFSS plants	44
Moor rush ( <i>Juncus stygius</i> )	2	No threats to viability of RFSS plants	21
Creeping rush ( <i>Juncus subtilis</i> )	1	No threats to viability of RFSS plants	1
Auricled twayblade ( <i>Listera auriculata</i> )	4	No threats to viability of RFSS plants	7
American shore-grass ( <i>Littorella</i> )	29	No threats to viability of RFSS plants	38
Fall dropseed muhly ( <i>Muhlenbergia uniflora</i> )	3	No threats to viability of RFSS plants	22
Dwarf water-lily ( <i>Nymphaea leibergii</i> )	9	No threats to viability of RFSS plants	16
Club-spur orchid ( <i>Platanthera clavellata</i> )	12	No threats to viability of RFSS plants	61
Northern bur-reed ( <i>Sparganium glomeratum</i> )	20	No threats to viability of RFSS plants	55
Awlwort ( <i>Subularia aquatica</i> )	13	No threats to viability of RFSS plants	15
Lance-leaved violet ( <i>Viola lanceolata</i> )	2	No threats to viability of RFSS plants	7
<b>RFSS Plants of Cliffs, Talus slopes, and Exposed Rock habitat</b>			
A lichen sp. ( <i>Arctoparmelia centrifuga</i> )	1	No threats to viability of RFSS plants	1
A lichen sp. ( <i>Arctoparmelia subcentrifuga</i> )	1	No threats to viability of RFSS plants	1
Long-leaved arnica ( <i>Arnica lonchophylla</i> )	1	No threats to viability of RFSS plants	1
Maidenhair spleenwort ( <i>Asplenium trichomanes</i> )	7	No threats to viability of RFSS plants	11
Ross' sedge ( <i>Carex rossii</i> )	3	No threats to viability of RFSS plants	3

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Existing Condition - Species	# of occurrences	FEIS Projected or Proposed Condition	# of occurrences
a lichen species ( <i>Cladonia wainoi</i> [=pseudorangiformis])	1	No threats to viability of RFSS plants	2
Appalachian fir clubmoss ( <i>Huperzia appalachiana</i> )	NA. Added to RFSS list 10/5/06)	No threats to viability of RFSS plants	8
Large-leaved sandwort ( <i>Moehringia macrophylla</i> )	10	No threats to viability of RFSS plants	18
Sticky locoweed ( <i>Oxytropis viscida</i> )	1	No threats to viability of RFSS plants	1
Nodding saxifrage ( <i>Saxifraga cernua</i> )	1	No threats to viability of RFSS plants	1
Encrusted saxifrage ( <i>Saxifraga paniculata</i> )	13	No threats to viability of RFSS plants	16
False-asphodel ( <i>Tofieldia pusilla</i> )	3	No threats to viability of RFSS plants	4
Smooth woodsia ( <i>Woodsia glabella</i> )	1	No threats to viability of RFSS plants	3
<b>RFSS Plants of disturbed uplands, barrens, or early successional habitat</b>			
Pointed moonwort ( <i>Botrychium acuminatum</i> )	3	No threats to viability of RFSS plants	3
Common moonwort ( <i>Botrychium lunaria</i> )	2	No threats to viability of RFSS plants	4
Michigan moonwort ( <i>Botrychium michiganense</i> ) ( <i>hesperium</i> )	6	No threats to viability of RFSS plants	14
Pale moonwort ( <i>Botrychium pallidum</i> )	5	No threats to viability of RFSS plants	13
Ternate grape-fern ( <i>Botrychium rugulosum</i> ) (=ternatum)	8	No threats to viability of RFSS plants	14
Least grape-fern ( <i>Botrychium simplex</i> )	14	No threats to viability of RFSS plants	34
Black hawthorn ( <i>Crataegus douglasii</i> )	11	No threats to viability of RFSS plants	18
<b>RFSS Plants of Forested wetlands</b>			
a lichen sp. ( <i>Caloplaca parvula</i> )	2	No threats to viability of RFSS plants	2
Fairy slipper ( <i>Calypso bulbosa</i> )	1	No threats to viability of RFSS plants	13
a lichen sp. ( <i>Cetraria aurescens</i> )	7	No threats to viability of RFSS plants	9
Ram's-head lady's slipper ( <i>Cypripedium arietinum</i> )	4	No threats to viability of RFSS plants	8
A liverwort ( <i>Frullania selwyniana</i> )	NA. Added to RFSS list 10/5/06)	No threats to viability of RFSS plants	1
Port-hole lichen ( <i>Menegazzia terebrata</i> )	6	No threats to viability of RFSS plants	6
Western Jacob's ladder ( <i>Polemonium occidentale</i> ssp. <i>lacustre</i> )	1	No threats to viability of RFSS plants	1
a lichen sp. ( <i>Pseudocyphellaria crocata</i> )	1	No threats to viability of RFSS plants	2

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Existing Condition - Species	# of occurrences	FEIS Projected or Proposed Condition	# of occurrences
Lesser wintergreen or Small shinleaf ( <i>Pyrola minor</i> )	10	No threats to viability of RFSS plants	25
A lichen sp. ( <i>Ramalina thrausta</i> )	2	No threats to viability of RFSS plants	2
Cloudberry ( <i>Rubus chamaemorus</i> )	3	No threats to viability of RFSS plants	4
a lichen sp. ( <i>Sticta fuliginosa</i> )	2	No threats to viability of RFSS plants	3
a lichen sp. ( <i>Usnea longissima</i> )	4	No threats to viability of RFSS plants	4
Moschatel ( <i>Adoxa moschatellina</i> )	22	No threats to viability of RFSS plants	37
Triangle grape-fern ( <i>Botrychium lanceolatum</i> )	6	No threats to viability of RFSS plants	8
Goblin fern ( <i>Botrychium mormo</i> )	1	No threats to viability of RFSS plants	1
New England sedge ( <i>Carex novae-angliae</i> )	1	No threats to viability of RFSS plants	16
Chilean sweet cicely ( <i>Osmorhiza berteroi</i> )	3	No threats to viability of RFSS plants	2
Braun's holly fern ( <i>Polystichum</i> )	3	No threats to viability of RFSS plants	7
Rough-fruited fairy bells ( <i>Disporum trachycarpum</i> )	1	No threats to viability of RFSS plants	1
Canada ricegrass ( <i>Oryzopsis canadensis</i> [= <i>Piptatherum canadense</i> ])	NA. Added to RFSS list 10/5/06))	No threats to viability of RFSS plants	10
a Dog lichen ( <i>Peltigera venosa</i> )	1	No threats to viability of RFSS plants	2
Canada yew ( <i>Taxus canadensis</i> )	13	No threats to viability of RFSS plants	304
Barren strawberry ( <i>Waldsteinia fragarioides</i> )	3	No threats to viability of RFSS plants	7

<b>RFSS PLANT ACCOMPLISHMENT TOWARD DESIRED CONDITION – FINE FILTER</b>		
<b>Record of Decision (July 2004)</b>	<b>(DECADE 1)</b>	<b>2006 Accomplishments and/or Condition</b>
Existing Condition	FEIS Projected or Proposed Condition	Actual Accomplishments & Approved NEPA Decisions
<b>Virginia EIS Botrychium</b> – habitat degraded by brush encroachment and thatch build up	Habitat improved for 20 RFSS populations over life of Forest Plan	<b>2003-2005</b> – Pre treatment monitoring <b>2006</b> – Prescribed burn reduces thatch and encroaching shrubs, <i>Botrychium</i> response varies by species: <i>B. rugulosum/mutifidum</i> numbers stay pretty constant after treatment, <i>B. matricariifolium</i> numbers drop to zero; drought conditions could be affecting results
<b>Kawishiwi Admin Site Botrychium</b> – Transplant <i>Botrychium</i> away from area where parking lot planned.	Habitat improved for 20 RFSS populations over life of Forest Plan	<b>2005</b> – 65% of transplanted <i>Botrychium</i> individuals survive <b>2006</b> – 50% of transplanted individuals survive