

**Appendix H – Summarized Monitoring Results**

**Summary of Vegetative Changes Following Herbicide Treatment**

Monitoring Plot Location	Grass Species			Forb Species			Tree/Shrub Species			Weed Species		
	Up	Static	Down	Up	Static	Down	Up	Static	Down	Up	Static	Down
<b><u>Main Salmon</u></b>												
Horse Creek	3	4	0	1	11	3	0	4	2	0	0	1
Lantz Bar	3	2	1	0	2	2	0	1	2	0	0	1
*Nixon Bar	3	4	2	7	6	4	1	0	1	1	0	0
Richardson Bar	1	4	2	2	4	3	0	1	1	0	0	2
Mackay Bar	Data not yet			summarized								
Swimming Hole	2	3	0	3	7	0	0	0	0	0	1	2
Bull Creek	1	4	0	2	4	2	0	0	0	0	0	2
Upper Sheep Cr.	3	6	2	3	5	4	0	2	1	0	1	3
<b><u>Middle Fork</u></b>												
Cameron Creek	2	1	1	1	6	4	0	0	0	0	0	1
Indian Cr drainage	2	3	2	3	10	8	0	3	0	0	0	1
Indian Creek	3	1	2	1	13	0	3	3	1	0	0	1
Little Creek	1	3	0	1	6	4	1	2	0	0	0	1
*Mormon Ranch	1	1	4	4	6	3	0	1	0	0	1	0
Sheep Creek	4	3	2	5	8	7	0	3	2	0	1	1
Sunflower Creek	1	4	1	2	6	8	0	1	0	0	0	1
<b>Summary Total</b>	<b>26</b>	<b>38</b>	<b>13</b>	<b>24</b>	<b>82</b>	<b>45</b>	<b>4</b>	<b>20</b>	<b>9</b>	<b>0</b>	<b>3</b>	<b>17</b>
	<u>83%</u>		<u>17%</u>	<u>70%</u>		<u>30%</u>	<u>73%</u>		<u>27%</u>	<u>15%</u>		<u>85%</u>

\*Sites not treated with herbicides. Numbers are not included in Summary Total or Percent

Target weed species have significantly **decreased** on all sites treated. Sites which show a static (no significant change in frequency) result have a very low composition of the weed species present and were most likely missed with spot treatment methods.

Grass, forb and tree/shrub species have **increased** or remained **static** in frequency by 83%, 70% and 73% on treated sites respectively, while target weed species have **decreased** in frequency by 85% on treated sites.

Grass species include annuals, such as cheat grass, which are invaders to the site. A downward frequency for these species would be desirable.

**Main Salmon River FC-RONR  
 HORSE CREEK NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Dactylis glomerata</i>	59	N/A	NR	N/A	68	No Change
<i>Bromus tectorum</i>	0	N/A	NR	N/A	5	No Change
<i>Poa pratensis</i>	164	N/A	NR	N/A	149	No Change
<i>Poa bulbosa</i>	0	N/A	NR	N/A	62	INCREASE
<i>Carex geyeri</i>	16	N/A	NR	N/A	26	INCREASE
<i>Calamagrostis rubescens</i>	0	N/A	NR	N/A	8	INCREASE
<i>Festuca idahoensis</i>	0	N/A	NR	N/A	3	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	127	DECREASE	12	No Change	7	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Lithophragma bulbifera</i>	22	No Change	22	No Change	19	No Change
<i>Achillea millefolium</i>	5	No Change	0	No Change	6	No Change
<i>Balsamorhiza sagittata</i>	4	No Change	0	No Change	2	No Change
<i>Crepis spp.</i>	6	No Change	3	No Change	0	No Change
<i>Lomatium spp.</i>	8	No Change	0	No Change	0	DECREASE
Annuals	87	DECREASE	61	No Change	56	DECREASE
<i>Brodiaea spp.</i>	66	DECREASE	39	DECREASE	28	DECREASE
<i>Smilacina spp.</i>	4	No Change	1	No Change	1	No Change
<i>Pteridium aquilinum</i>	3	No Change	0	No Change	0	No Change
<i>Sedum spp.</i>	1	No Change	1	No Change	1	No Change
<i>Ranunculus spp.</i>	1	No Change	0	No Change	0	No Change
<i>Erythronium spp.</i>	0	N/A	0	No Change	5	No Change
<i>Montia spp.</i>	0	N/A	0	INCREASE	10	INCREASE
<i>Hieracium spp.</i>	0	N/A	0	No Change	2	No Change
<i>Aster spp.</i>	0	N/A	0	No Change	3	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Berberis repens</i>	53	No Change	56	No Change	44	No Change
<i>Symphoricarpos albus</i>	33	INCREASE	42	No Change	32	No Change

Supplemental Environmental Impact Statement  
Frank Church-River of No Return Wilderness Noxious Weed Treatments

<b>SHRUB/TREE SPECIES</b>	<b>2000</b>	<b>2000 - 2001</b>	<b>2001</b>	<b>2001 - 2003</b>	<b>2003</b>	<b>2000 - 2003</b>
<i>Prunus virginiana</i>	14	DECREASE	5	No Change	5	DECREASE
<i>Amelanchier alnifolia</i>	9	DECREASE	0	No Change	0	DECREASE
<i>Rosa spp.</i>	4	No Change	1	No Change	1	No Change
<i>Crataegus douglasii</i>	0	No Change	1	No Change	0	No Change
<i>Pseudotsuga menziesii</i>	NR	N/A	NR	N/A	12	N/A
<i>Pinus ponderosa</i>	NR	N/A	NR	N/A	3	N/A

NR = Not Read      N/A = Not Applicable

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	8	2%	1	<1%	DECREASE
<b>Litter</b>	304	76%	321	80%	INCREASE
<b>Rock</b>	71	18%	64	16%	No Change
<b>Pavement</b>	0	0%	0	0%	No Change
<b>Moss</b>	6	2%	2	<1%	No Change
<b>Soil</b>	11	2%	12	3%	No Change
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Main Salmon River FC-RONR  
 NIXON BAR NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Festuca idahoensis</i>	223	N/A	NR	N/A	36	DECREASE
<i>Bromus tectorum</i>	7	N/A	NR	N/A	30	INCREASE
<i>Poa spp.</i>	53	N/A	NR	N/A	31	DECREASE
<i>Panicum scribnerianum</i>	11	N/A	NR	N/A	9	No Change
<i>Danthonia spp.</i>	3	N/A	NR	N/A	0	No Change
<i>Carex geyeri</i>	10	N/A	NR	N/A	7	No Change
<i>Trisetum spp.</i>	0	N/A	NR	N/A	6	No Change
Annual Grass	0	N/A	NR	N/A	21	INCREASE
<i>Agropyron spicatum</i>	0	N/A	NR	N/A	29	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	213	No Change	193	INCREASE	244	INCREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Lithophragma bulbifera</i>	38	N/A	NR	N/A	32	No Change
<i>Achillea millefolium</i>	29	N/A	NR	N/A	11	DECREASE
<i>Trifolium spp.</i>	129	N/A	NR	N/A	47	DECREASE
<i>Equisetum spp.</i>	7	N/A	NR	N/A	0	No Change
<i>Thermopsis montana</i>	3	N/A	NR	N/A	0	DECREASE
Annuals	108	N/A	NR	N/A	300	INCREASE
<i>Brodiaea spp.</i>	108	N/A	NR	N/A	142	INCREASE
<i>Aster spp.</i>	8	N/A	NR	N/A	0	DECREASE
<i>Collinsia spp. (was Tonella tenella spp.)</i>	0	N/A	NR	N/A	148	INCREASE
<i>Senecio spp.</i>	0	N/A	NR	N/A	17	INCREASE
<i>Rumex spp.</i>	0	N/A	NR	N/A	18	INCREASE
<i>Phacelia spp.</i>	0	N/A	NR	N/A	1	No Change
<i>Erythronium spp.</i>	0	N/A	NR	N/A	2	No Change
<i>Montia spp.</i>	0	N/A	NR	N/A	24	INCREASE
<i>Hieracium spp.</i>	0	N/A	NR	N/A	3	No Change
<i>Oenothera spp.</i>	0	N/A	NR	N/A	3	No Change
<i>Draba spp.</i>	0	N/A	NR	N/A	19	INCREASE

Supplemental Environmental Impact Statement  
 Frank Church-River of No Return Wilderness Noxious Weed Treatments

<b>SHRUB/TREE SPECIES</b>	<b>2000</b>	<b>2000 - 2001</b>	<b>2001</b>	<b>2001 - 2003</b>	<b>2003</b>	<b>2000 – 2003</b>
<i>Berberis repens</i>	<b>50</b>	<b>N/A</b>	<b>NR</b>	<b>N/A</b>	<b>56</b>	<b>No Change</b>
<i>Symphoricarpos albus</i>	<b>16</b>	<b>N/A</b>	<b>NR</b>	<b>N/A</b>	<b>26</b>	<b>INCREASE</b>
<i>Pinus ponderosa</i>	<b>NR</b>	<b>N/A</b>	<b>NR</b>	<b>N/A</b>	<b>1</b>	<b>N/A</b>

**NR = Not Read      N/A = Not Applicable**

**NIXON BAR NESTED FREQUENCY COMPARISON**  
**April 30, 2003**

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	<b>13</b>	<b>3%</b>	<b>39</b>	<b>10%</b>	<b>INCREASE</b>
<b>Litter</b>	<b>292</b>	<b>73%</b>	<b>207</b>	<b>52%</b>	<b>DECREASE</b>
<b>Rock</b>	<b>2</b>	<b>1%</b>	<b>7</b>	<b>2%</b>	<b>No Change</b>
<b>Pavement</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>No Change</b>
<b>Moss</b>	<b>65</b>	<b>16%</b>	<b>50</b>	<b>12%</b>	<b>DECREASE</b>
<b>Soil</b>	<b>28</b>	<b>7%</b>	<b>97</b>	<b>24%</b>	<b>INCREASE</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Main Salmon River FC-RONR  
 LANTZ BAR NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromus tectorum</i>	270	DECREASE	127	INCREASE	172	DECREASE
<i>Poa pratensis</i>	195	N/A	NR	N/A	256	INCREASE
<i>Dactylis glomerata</i>	79	N/A	NR	N/A	96	INCREASE
<i>Bromus inermis</i>	62	N/A	NR	N/A	124	INCREASE
<i>Phleum pratense</i>	6	N/A	NR	N/A	0	No Change
<i>Agropyron repens</i>	0	N/A	NR	N/A	6	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	323	DECREASE	1	No Change	3	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annuals	270	DECREASE	61	INCREASE	178	DECREASE
<i>Trifolium spp.</i>	8	No Change	4	No Change	0	DECREASE
<i>Taraxacum spp.</i>	1	No Change	0	No Change	0	No Change
<i>Asparagus officinalis</i>	1	No Change	0	No Change	1	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Prunus virginiana</i>	0	No Change	4	No Change	0	No Change
<i>Rosa spp.</i>	16	DECREASE	0	No Change	0	DECREASE
<i>Crataegus douglasii</i>	16	DECREASE	6	No Change	1	DECREASE

NR = Not Read      N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	109	27%	59	15%	DECREASE
Litter	239	60%	266	66%	INCREASE
Rock	1	<1%	0	0%	No Change
Pavement	0	0%	0	0%	No Change

Supplemental Environmental Impact Statement  
Frank Church-River of No Return Wilderness Noxious Weed Treatments

<b>Moss</b>	<b>19</b>	<b>5%</b>	<b>7</b>	<b>2%</b>	<b>DECREASE</b>
<b>Soil</b>	<b>32</b>	<b>8%</b>	<b>68</b>	<b>17%</b>	<b>INCREASE</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	



**Main Salmon River FC-RONR  
 RICHARDSON BAR NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa spp.</i>	295	N/A	NR	N/A	291	No Change
<i>Dactylis glomerata</i>	215	N/A	NR	N/A	167	DECREASE
<i>Phleum pratense</i>	165	N/A	NR	N/A	64	DECREASE
<i>Carex geyeri</i>	6	N/A	NR	N/A	38	INCREASE
<i>Luzula spp.</i>	1	N/A	NR	N/A	7	No Change
<i>Muhlenbergia spp.</i>	2	N/A	NR	N/A	0	No Change
<i>Poa bulbosa</i>	0	N/A	NR	N/A	4	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	375	No Change	372	DECREASE	0	DECREASE
<i>Potentilla recta</i>	100	No Change	88	DECREASE	0	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annuals	17	N/A	NR	N/A	237	INCREASE
<i>Eriogonum spp.</i>	3	N/A	NR	N/A	13	INCREASE
<i>Lithophragma bulbifera</i>	14	N/A	NR	N/A	0	DECREASE
<i>Plantago spp.</i>	6	N/A	NR	N/A	0	No Change
<i>Trifolium spp.</i>	9	N/A	NR	N/A	0	DECREASE
<i>Achillea millefolium</i>	19	N/A	NR	N/A	0	DECREASE
<i>Penstemon spp.</i>	6	N/A	NR	N/A	0	No Change
<i>Brodiaea spp.</i>	8	N/A	NR	N/A	5	No Change
<i>Erythronium spp.</i>	3	N/A	NR	N/A	0	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Berberis repens</i>	29	N/A	NR	N/A	13	DECREASE
<i>Symphoricarpos albus</i>	2	N/A	NR	N/A	0	No Change
<i>Pinus ponderosa</i>	NR	N/A	NR	N/A	8	N/A
<i>Pseudotsuga menziesii</i>	NR	N/A	NR	N/A	3	N/A

NR = Not Read      N/A = Not Applicable

Supplemental Environmental Impact Statement  
 Frank Church-River of No Return Wilderness Noxious Weed Treatments

**RICHARDSON BAR NESTED FREQUENCY COMPARISON**  
**April 30, 2003**

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	<b>80</b>	<b>20%</b>	<b>5</b>	<b>1%</b>	<b>DECREASE</b>
<b>Litter</b>	<b>229</b>	<b>57%</b>	<b>255</b>	<b>64%</b>	<b>INCREASE</b>
<b>Rock</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>No Change</b>
<b>Pavement</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>No Change</b>
<b>Moss</b>	<b>78</b>	<b>20%</b>	<b>118</b>	<b>30%</b>	<b>INCREASE</b>
<b>Soil</b>	<b>13</b>	<b>3%</b>	<b>22</b>	<b>5%</b>	<b>INCREASE</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Main Salmon River FC-RONR  
 SWIMMING HOLE NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromus tectorum</i>	365	N/A	NR	N/A	344	No Change
<i>Panicum scribnerianum</i>	129	N/A	NR	N/A	145	INCREASE
<i>Agropyron spicatum</i>	41	N/A	NR	N/A	52	INCREASE
<i>Aristida longiseta</i>	11	N/A	NR	N/A	6	No Change
<i>Festuca idahoensis</i>	0	N/A	NR	N/A	1	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	36	INCREASE	52	DECREASE	0	DECREASE
<i>Potentilla recta</i>	3	INCREASE	13	DECREASE	0	No Change
<i>Hypericum perforatum</i>	7	No Change	0	No Change	1	No Change

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annuals	288	N/A	NR	N/A	350	INCREASE
<i>Lomatium spp.</i>	84	N/A	NR	N/A	77	No Change
<i>Eriogonum spp.</i>	7	N/A	NR	N/A	1	No Change
<i>Lithophragma bulbifera</i>	40	N/A	NR	N/A	83	INCREASE
<i>Verbascum thapsus</i>	1	N/A	NR	N/A	0	No Change
<i>Balsamorhiza sagittata</i>	2	N/A	NR	N/A	6	No Change
<i>Brodiaea spp.</i>	0	N/A	NR	N/A	100	INCREASE
<i>Achillea millefolium</i>	0	N/A	NR	N/A	2	No Change
<i>Astragalus spp.</i>	0	N/A	NR	N/A	2	No Change
<i>Agoseris spp.</i>	0	N/A	NR	N/A	7	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
None						

NR = Not Read      N/A = Not Applicable

Supplemental Environmental Impact Statement  
 Frank Church-River of No Return Wilderness Noxious Weed Treatments

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	<b>32</b>	<b>8%</b>	<b>21</b>	<b>5%</b>	<b>DECREASE</b>
<b>Litter</b>	<b>141</b>	<b>35%</b>	<b>114</b>	<b>29%</b>	<b>INCREASE</b>
<b>Rock</b>	<b>22</b>	<b>5%</b>	<b>28</b>	<b>7%</b>	<b>No Change</b>
<b>Pavement</b>	<b>50</b>	<b>13%</b>	<b>37</b>	<b>9%</b>	<b>DECREASE</b>
<b>Moss</b>	<b>15</b>	<b>4%</b>	<b>6</b>	<b>1%</b>	<b>DECREASE</b>
<b>Soil</b>	<b>140</b>	<b>35%</b>	<b>194</b>	<b>49%</b>	<b>INCREASE</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Main Salmon River FC-RONR  
 LOWER BULL CREEK NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Sporobolus cryptandrus</i>	34	N/A	NR	N/A	69	INCREASE
<i>Panicum scribnerianum</i>	144	N/A	NR	N/A	140	No Change
<i>Poa bulbosa</i>	360	N/A	NR	N/A	380	No Change
<i>Poa spp.</i>	42	N/A	NR	N/A	34	No Change
<i>Bromus tectorum</i>	0	N/A	NR	N/A	7	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	18	DECREASE	3	No Change	0	DECREASE
<i>Potentilla recta</i>	52	DECREASE	7	No Change	8	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Brodiaea spp.</i>	187	No Change	178	INCREASE	205	INCREASE
Annuals	221	No Change	238	INCREASE	300	INCREASE
<i>Aster spp.</i>	141	No Change	129	DECREASE	95	DECREASE
<i>Rumex spp.</i>	81	INCREASE	111	DECREASE	10	DECREASE
<i>Lithophragma bulbifera</i>	3	INCREASE	29	DECREASE	0	No Change
<i>Achillea millefolium</i>	4	No Change	2	No Change	0	No Change
<i>Ranunculus spp.</i>	0	No Change	6	No Change	0	N/A
<i>Montia spp.</i>	0	N/A	0	No Change	6	No Change
<i>Fritillaria spp.</i>	0	N/A	0	No Change	4	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Pinus ponderosa</i>	NR	N/A	NR	N/A	4	N/A

NR = Not Read      N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	28	7%	18	5%	DECREASE
Litter	139	35%	172	43%	INCREASE

Supplemental Environmental Impact Statement  
 Frank Church-River of No Return Wilderness Noxious Weed Treatments

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Rock</b>	<b>3</b>	<b>1%</b>	<b>3</b>	<b>1%</b>	<b>No Change</b>
<b>Pavement</b>	<b>1</b>	<b>&lt;1%</b>	<b>1</b>	<b>&lt;1%</b>	<b>No Change</b>
<b>Moss</b>	<b>37</b>	<b>9%</b>	<b>57</b>	<b>14%</b>	<b>INCREASE</b>
<b>Soil</b>	<b>192</b>	<b>48%</b>	<b>149</b>	<b>37%</b>	<b>DECREASE</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Main Salmon River FC-RONR  
 UPPER SHEEP CREEK NESTED FREQUENCY COMPARISON  
 April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa bulbosa</i>	201	N/A	NR	N/A	202	No Change
<i>Panicum scribnerianum</i>	210	N/A	NR	N/A	148	DECREASE
<i>Elymus cinereus</i>	34	N/A	NR	N/A	34	No Change
<i>Dactylis glomerata</i>	88	N/A	NR	N/A	72	DECREASE
<i>Bromus tectorum</i>	108	N/A	NR	N/A	181	INCREASE
<i>Poa pratensis</i>	128	N/A	NR	N/A	135	No Change
<i>Aristida longiseta</i>	23	N/A	NR	N/A	18	No Change
<i>Agropyron spicatum</i>	11	N/A	NR	N/A	20	INCREASE
<i>Sporobolus cryptandrus</i>	10	N/A	NR	N/A	64	INCREASE
<i>Carex spp.</i>	0	N/A	NR	N/A	1	No Change
<i>Stipa spp.</i>	0	N/A	NR	N/A	5	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	6	INCREASE	15	DECREASE	0	No Change
<i>Potentilla recta</i>	197	INCREASE	220	DECREASE	10	DECREASE
<i>Hypericum perforatum</i>	2	INCREASE	15	DECREASE	0	No Change
<i>Chondrilla juncea</i>	0	No Change	1	No Change	0	No Change

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Brodiaea spp.</i>	58	N/A	NR	N/A	42	DECREASE
Annuals	299	N/A	NR	N/A	333	INCREASE
<i>Equisetum spp.</i>	118	N/A	NR	N/A	82	DECREASE
<i>Aster spp.</i>	88	N/A	NR	N/A	7	DECREASE
<i>Rumex spp.</i>	41	N/A	NR	N/A	11	DECREASE
<i>Taraxacum spp.</i>	6	N/A	NR	N/A	1	No Change
<i>Lithophragma bulbifera</i>	32	N/A	NR	N/A	31	No Change
<i>Montia spp.</i>	4	N/A	NR	N/A	19	INCREASE
<i>Eriogonum spp.</i>	6	N/A	NR	N/A	2	No Change
<i>Tonella tenella</i>	0	N/A	NR	N/A	21	INCREASE

Supplemental Environmental Impact Statement  
Frank Church-River of No Return Wilderness Noxious Weed Treatments

<i>Tragopogon spp.</i>	0	N/A	NR	N/A	1	No Change
<i>Pteridium spp.</i>	0	N/A	NR	N/A	4	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Rhus radicans</i>	106	N/A	NR	N/A	102	No Change
<i>Berberis repens</i>	3	N/A	NR	N/A	8	No Change
<i>Rosa spp.</i>	8	N/A	NR	N/A	1	DECREASE

NR = Not Read      N/A = Not Applicable

**UPPER SHEEP CREEK NESTED FREQUENCY COMPARISON**  
April 30, 2002

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	76	19%	29	7%	DECREASE
Litter	241	60%	289	72%	INCREASE
Rock	31	8%	33	8%	No Change
Pavement	0	0%	0	0%	No Change
Moss	15	4%	15	4%	No Change
Soil	37	9%	34	9%	No Change
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	



**Middle Fork Salmon River FC-RONR  
 CAMERON CREEK NESTED FREQUENCY COMPARISON  
 May 8, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromus tectorum</i>	317	N/A	NR	N/A	370	INCREASE
<i>Stipa spp.</i>	272	N/A	NR	N/A	116	DECREASE
Annual Grass spp.	292	N/A	NR	N/A	290	No Change
<i>Poa spp.</i>	153	N/A	NR	N/A	264	INCREASE
<i>Agropyron spicatum</i>	8	N/A	NR	N/A	7	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	317	No Change	314	INCREASE	120	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annual Forbs	278	N/A	NR	N/A	212	DECREASE
<i>Phlox spp.</i>	18	N/A	NR	N/A	10	DECREASE
<i>Mustard spp.</i>	44	N/A	NR	N/A	44	No Change
<i>Astragalus spp.</i>	14	N/A	NR	N/A	5	DECREASE
<i>Tragopogon spp.</i>	23	N/A	NR	N/A	0	DECREASE
<i>Lomatium spp.</i>	3	N/A	NR	N/A	0	No Change
<i>Lupinus spp.</i>	6	N/A	NR	N/A	1	No Change
<i>Verbascum thapsus</i>	3	N/A	NR	N/A	0	No Change
<i>Antennaria spp</i>	0	N/A	NR	N/A	1	No Change
<i>Aster spp.</i>	0	N/A	NR	N/A	55	INCREASE
<i>Lithophragma bulbifera</i>	0	N/A	NR	N/A	3	No Change

NR = Not Read      N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	45	11%	24	6%	DECREASE
Litter	218	55%	264	66%	INCREASE
Rock	5	1%	11	3%	No Change
Pavement	1	<1%	1	<1%	No Change
Moss	59	15%	17	4%	DECREASE
Soil	72	18%	83	21%	No Change
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR  
 INDIAN CREEK DRAINAGE NESTED FREQUENCY COMPARISON  
 May 9, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa spp.</i>	303	N/A	NR	N/A	310	No Change
<i>Stipa spp.</i>	103	N/A	NR	N/A	66	DECREASE
<i>Carex spp.</i>	68	N/A	NR	N/A	19	DECREASE
<i>Bromus spp.</i>	47	N/A	NR	N/A	41	No Change
<i>Danthonia spp.</i>	0	N/A	NR	N/A	56	INCREASE
<i>Phleum spp.</i>	0	N/A	NR	N/A	9	INCREASE
<i>Calamagrostis canadensis</i>	0	N/A	NR	N/A	7	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	48	DECREASE	12	INCREASE	20	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Achillea millefolium</i>	140	No Change	138	DECREASE	92	DECREASE
Annual Forbs	239	No Change	235	INCREASE	271	INCREASE
<i>Solidago spp.</i>	176	DECREASE	87	DECREASE	18	DECREASE
<i>Rumex spp.</i>	24	INCREASE	68	DECREASE	6	DECREASE
<i>Antennaria spp.</i>	27	DECREASE	14	No Change	8	DECREASE
<i>Fragaria virginiana</i>	57	INCREASE	69	DECREASE	40	DECREASE
<i>Tragopogon spp.</i>	42	DECREASE	7	No Change	5	DECREASE
<i>Erigonum spp.</i>	3	No Change	0	No Change	0	No Change
<i>Senecio spp.</i>	5	INCREASE	53	DECREASE	37	INCREASE
<i>Potentilla spp. (native)</i>	122	No Change	124	DECREASE	87	DECREASE
<i>Taraxacum spp.</i>	33	INCREASE	64	DECREASE	36	No Change
<i>Smilacina stellata</i>	40	DECREASE	18	INCREASE	41	No Change
<i>Viola spp.</i>	24	DECREASE	6	No Change	2	DECREASE
<i>Cirsium spp. (native)</i>	1	No Change	0	No Change	0	No Change
<i>Lathyrus spp</i>	4	No Change	0	No Change	0	No Change
<i>Lithophragma bulbifera</i>	0	No Change	5	No Change	0	No Change
<i>Astragalus spp.</i>	0	N/A	0	No Change	4	No Change
<i>Geranium spp.</i>	0	N/A	0	INCREASE	10	INCREASE
<i>Mustard spp.</i>	0	N/A	0	No Change	3	No Change
<i>Erythronium spp.</i>	0	N/A	0	No Change	5	No Change
<i>Aster spp.</i>	0	N/A	0	No Change	3	No Change

NR = Not Read      N/A = Not Applicable

**INDIAN CREEK DRAINAGE NESTED FREQUENCY COMPARISON**  
**May 9, 2003**

<b>SHRUB/TREE SPECIES</b>	<b>2000</b>	<b>2000 - 2001</b>	<b>2001</b>	<b>2001 - 2003</b>	<b>2003</b>	<b>2000 - 2003</b>
<i>Spirea spp.</i>	43	DECREASE	10	INCREASE	45	No Change
<i>Symphoricarpos albus</i>	9	No Change	9	No Change	6	No Change
<i>Rosa spp.</i>	0	INCREASE	16	DECREASE	2	No Change

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	16	4%	26	7%	INCREASE
<b>Litter</b>	287	72%	264	66%	No Change
<b>Rock</b>	1	<1%	4	1%	No Change
<b>Pavement</b>	0	0	0	0	No Change
<b>Moss</b>	17	4%	5	1%	DECREASE
<b>Soil</b>	79	20%	101	25%	INCREASE
<b>TOTALS</b>	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR  
 INDIAN CREEK NESTED FREQUENCY COMPARISON  
 May 10, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa spp.</i>	82	N/A	NR	N/A	130	INCREASE
<i>Carex spp.</i>	65	N/A	NR	N/A	46	DECREASE
<i>Festuca idahoensis</i>	14	N/A	NR	N/A	19	No Change
<i>Agropyron spicatum</i>	22	N/A	NR	N/A	13	DECREASE
<i>Bromus tectorum</i>	36	N/A	NR	N/A	192	INCREASE
<i>Stipa spp.</i>	0	N/A	NR	N/A	36	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	51	DECREASE	5	No Change	2	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Solidago spp.</i>	96	DECREASE	64	INCREASE	86	No Change
<i>Tragopogon spp.</i>	2	No Change	0	No Change	0	No Change
<i>Achillea millefolium</i>	70	No Change	64	No Change	65	No Change
Annual Forbs	29	INCREASE	158	DECREASE	83	INCREASE
<i>Erigonum spp.</i>	1	No Change	0	No Change	0	No Change
<i>Fragaria virginiana</i>	13	No Change	7	No Change	8	No Change
<i>Crepis spp.</i>	3	No Change	0	No Change	0	No Change
<i>Arnica cordifolia</i>	2	No Change	1	No Change	6	No Change
<i>Lithospermum ruderale</i>	3	No Change	0	No Change	1	No Change
<i>Antennaria spp.</i>	2	No Change	1	No Change	4	No Change
<i>Polypodium spp.</i>	1	No Change	2	No Change	0	No Change
<i>Potentilla spp. (native)</i>	0	No Change	1	No Change	0	No Change
<i>Arabis spp.</i>	0	N/A	0	N/A	7	No Change
<i>Penstemon spp.</i>	0	N/A	0	N/A	1	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Prunus virginiana</i>	6	INCREASE	23	DECREASE	9	No Change
<i>Purshia tridentata</i>	2	INCREASE	24	DECREASE	13	INCREASE

Supplemental Environmental Impact Statement  
Frank Church-River of No Return Wilderness Noxious Weed Treatments

<i>Symphoricarpos albus</i>	56	No Change	59	No Change	57	No Change
<i>Berberis repens</i>	41	INCREASE	81	No Change	71	INCREASE
<i>Spirea spp.</i>	56	INCREASE	73	DECREASE	42	DECREASE
<i>Amelanchier alnifolia</i>	0	No Change	2	INCREASE	23	INCREASE
<i>Rosa spp.</i>	0	No Change	2	No Change	0	No Change

NR = Not Read      N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	8	2%	18	5%	INCREASE
Litter	173	43%	164	41%	No Change
Rock	19	5%	36	9%	INCREASE
Pavement	40	10%	8	2%	DECREASE
Moss	0	0	0	0	No Change
Soil	160	40%	174	43%	No Change
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Middle Fork Salmon River FC-RONR  
 LITTLE CREEK NESTED FREQUENCY COMPARISON  
 May 7, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa spp.</i>	285	N/A	NR	N/A	264	No Change
<i>Bromus tectorum</i>	358	N/A	NR	N/A	351	No Change
<i>Agropyron spicatum</i>	3	N/A	NR	N/A	6	No Change
<i>Poa bulbosa</i>	0	N/A	NR	N/A	9	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	121	DECREASE	31	DECREASE	9	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Annual Forbs</i>	354	DECREASE	304	No Change	319	DECREASE
<i>Achillea millefolium</i>	101	DECREASE	56	DECREASE	32	DECREASE
<i>Agoseris spp.</i>	7	No Change	3	No Change	0	No Change
<i>Astragalus spp.</i>	4	No Change	2	No Change	3	No Change
<i>Lithospermum ruderale</i>	3	No Change	0	No Change	0	No Change
<i>Tragopogon spp.</i>	14	DECREASE	3	No Change	4	DECREASE
<i>Lomatium spp.</i>	10	No Change	2	No Change	0	DECREASE
<i>Balsamorhiza sagittata</i>	18	No Change	17	No Change	20	No Change
Mustard. ( <i>Descurainia</i> )	24	INCREASE	32	INCREASE	137	INCREASE
<i>Phlox spp.</i>	6	No Change	0	No Change	3	No Change
<i>Lithophragma bulbifera</i>	0	No Change	5	INCREASE	61	INCREASE
<i>Aster spp.</i>	0	N/A	0	No Change	1	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chrysothamnus nauseosus</i>	2	No Change	0	INCREASE	10	INCREASE
<i>Chrysothamnus viscidiflorus</i> (was called spiral leaf)	11	No Change	13	No Change	6	No Change

Supplemental Environmental Impact Statement  
 Frank Church-River of No Return Wilderness Noxious Weed Treatments

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
sage)						
<i>Artemisia tridentata</i>	0	N/A	0	No Change	2	No Change

NR = Not Read      N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	18	5	17	4	No Change
Litter	203	51	176	44	DECREASE
Rock	43	11	58	15	INCREASE
Pavement	6	1	6	1	No Change
Moss	17	4	11	3	No Change
Soil	113	28	132	33	INCREASE
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Middle Fork Salmon River FC-RONR  
 MORMON RANCH NESTED FREQUENCY COMPARISON  
 May 5, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromus tectorum</i>	224	N/A	NR	N/A	203	DECREASE
<i>Poa spp.</i>	167	N/A	NR	N/A	116	DECREASE
<i>Poa bulbosa</i>	23	N/A	NR	N/A	193	INCREASE
Annual grass	249	N/A	NR	N/A	93	DECREASE
<i>Stipa spp.</i>	36	N/A	NR	N/A	23	DECREASE
<i>Festuca idahoensis</i>	265	N/A	NR	N/A	279	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	42	No Change	38	No Change	38	No Change

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Antennaria spp.</i>	117	N/A	NR	N/A	77	DECREASE
Annual Forbs	277	N/A	NR	N/A	266	No Change
<i>Phlox spp.</i>	43	N/A	NR	N/A	56	INCREASE
<i>Lewisia rediviva</i>	48	N/A	NR	N/A	84	INCREASE
<i>Astragalus spp.</i>	23	N/A	NR	N/A	17	No Change
<i>Lomatium spp.</i>	12	N/A	NR	N/A	21	INCREASE
<i>Coryphantha vivipara</i>	5	N/A	NR	N/A	2	No Change
<i>Achillea millefolium</i>	36	N/A	NR	N/A	6	DECREASE
Mustard <i>spp.</i>	15	N/A	NR	N/A	59	INCREASE
<i>Taraxacum spp.</i>	23	N/A	NR	N/A	1	DECREASE
<i>Tragopogon spp.</i>	4	N/A	NR	N/A	0	No Change
<i>Lithophragma bulbifera</i>	0	N/A	NR	N/A	3	No Change
<i>Aster spp.</i>	0	N/A	NR	N/A	5	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chrysothamnus viscidiflorus</i>	4	N/A	NR	N/A	0	No Change

NR = Not Read      N/A = Not Applicable



**MORMON RANCH NESTED FREQUENCY COMPARISON**  
**May 5, 2003**

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	<b>19</b>	<b>5%</b>	<b>32</b>	<b>8%</b>	<b>INCREASE</b>
<b>Litter</b>	<b>186</b>	<b>46%</b>	<b>160</b>	<b>40%</b>	<b>DECREASE</b>
<b>Rock</b>	<b>5</b>	<b>1%</b>	<b>3</b>	<b>1%</b>	<b>No Change</b>
<b>Pavement</b>	<b>18</b>	<b>5%</b>	<b>11</b>	<b>3%</b>	<b>No Change</b>
<b>Moss</b>	<b>48</b>	<b>12%</b>	<b>47</b>	<b>12%</b>	<b>No Change</b>
<b>Soil</b>	<b>124</b>	<b>31%</b>	<b>147</b>	<b>36%</b>	<b>INCREASE</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Middle Fork Salmon River FC-RONR  
 SHEEP CREEK NESTED FREQUENCY COMPARISON  
 May 6, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa bulbosa</i>	364	N/A	NR	N/A	371	No Change
<i>Poa spp.</i>	191	N/A	NR	N/A	103	DECREASE
<i>Aristida longiseta</i>	23	N/A	NR	N/A	79	INCREASE
<i>Bromus tectorum</i>	89	N/A	NR	N/A	256	INCREASE
<i>Brome spp.</i>	62	N/A	NR	N/A	8	DECREASE
<i>Festuca spp.</i>	3	N/A	NR	N/A	0	No Change
<i>Agropyron spicatum</i>	2	N/A	NR	N/A	4	No Change
<i>Sporobolus cryptandrus</i>	0	N/A	NR	N/A	12	INCREASE
Unknown grass	0	N/A	NR	N/A	11	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	2	No Change	1	No Change	0	No Change
<i>Centaurea maculosa</i>	120	DECREASE	11	DECREASE	0	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Eriogonum spp.</i>	57	DECREASE	43	No Change	36	DECREASE
<i>Verbascum thapsus</i>	12	DECREASE	1	No Change	0	DECREASE
<i>Achillea millefolium</i>	96	DECREASE	75	DECREASE	48	DECREASE
<i>Agoseris spp.</i>	33	DECREASE	3	No Change	0	DECREASE
<i>Lithospermum ruderale</i>	8	No Change	11	DECREASE	0	No Change
Annual Forbs	34	DECREASE	13	INCREASE	58	INCREASE
<i>Taraxacum spp.</i>	23	INCREASE	30	DECREASE	9	DECREASE
<i>Antennaria spp.</i>	27	DECREASE	9	INCREASE	17	DECREASE
<i>Lomatium spp.</i>	7	No Change	7	No Change	1	No Change
<i>Brodiaea douglasii</i>	18	DECREASE	0	INCREASE	12	No Change
<i>Lithophragma bulbifera</i>	3	No Change	1	No Change	0	No Change
<i>Astragalus spp.</i>	6	INCREASE	28	DECREASE	3	No Change
<i>Phlox spp.</i>	27	DECREASE	3	No Change	3	DECREASE
<i>Tragopogon spp.</i>	0	INCREASE	11	No Change	4	No Change
<i>Erigeron spp.</i>	0	No Change	5	No Change	9	INCREASE

Supplemental Environmental Impact Statement  
Frank Church-River of No Return Wilderness Noxious Weed Treatments

Mustard ( <i>Descurainia</i> )	0	No Change	5	INCREASE	43	INCREASE
<i>Aster spp.</i>	0	INCREASE	46	DECREASE	11	INCREASE
<i>Solidago spp.</i>	0	No Change	2	No Change	0	No Change
<i>Geum triflorum</i>	0	N/A	0	No Change	2	No Change
<i>Arabis spp.</i>	0	N/A	0	INCREASE	10	INCREASE

NR = Not Read      N/A = Not Applicable

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Rosa spp.</i>	40	No Change	33	DECREASE	21	DECREASE
<i>Artemisia tridentata</i>	18	DECREASE	2	No Change	5	DECREASE
<i>Berberis repens</i>	6	No Change	0	No Change	3	No Change
<i>Chrysothamnus nauseosus</i>	5	No Change	0	No Change	0	No Change
<i>Chrysothamnus viscidiflorus</i>	0	N/A	0	No Change	4	No Change

NR = Not Read      N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	27	7%	40	10%	INCREASE
Litter	211	53%	209	52%	No Change
Rock	13	3%	9	2%	No Change
Pavement	0	0%	8	2%	No Change
Moss	85	21%	94	24%	No Change
Soil	64	16%	40	10%	DECREASE
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

**Middle Fork Salmon River FC-RONR  
 SUNFLOWER CREEK NESTED FREQUENCY COMPARISON  
 May 7, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromus tectorum</i>	351	N/A	NR	N/A	348	No Change
<i>Poa spp.</i>	137	N/A	NR	N/A	120	No Change
<i>Poa bulbosa</i>	9	N/A	NR	N/A	4	No Change
<i>Elymus cinereus</i>	22	N/A	NR	N/A	0	DECREASE
<i>Juncus spp.</i>	1	N/A	NR	N/A	0	No Change
<i>Sporobolus cryptandrus</i>	20	N/A	NR	N/A	34	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	204	DECREASE	2	INCREASE	56	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Taraxacum spp.</i>	92	DECREASE	14	DECREASE	0	DECREASE
<i>Achillea millefolium</i>	70	DECREASE	8	No Change	1	DECREASE
<i>Lupinus spp.</i>	68	DECREASE	5	INCREASE	24	DECREASE
Annual Forbs	382	DECREASE	269	No Change	282	DECREASE
Mustard ( <i>Descurainia</i> )	109	DECREASE	40	INCREASE	227	INCREASE
<i>Tragopogon spp.</i>	90	DECREASE	0	No Change	6	DECREASE
<i>Helianthus spp.</i>	135	DECREASE	4	No Change	10	DECREASE
<i>Phlox spp.</i>	8	No Change	0	No Change	0	No Change
<i>Erodium cicutarium</i>	6	No Change	0	No Change	3	No Change
<i>Astragalus spp.</i>	14	No Change	14	DECREASE	3	DECREASE
<i>Rumex spp.</i>	48	DECREASE	5	No Change	12	DECREASE
<i>Verbascum thapsus</i>	3	No Change	0	No Change	0	No Change
<i>Lomatium spp.</i>	0	No Change	5	No Change	3	No Change
<i>Solidago spp.</i>	0	No Change	1	No Change	0	No Change
<i>Aster spp.</i>	0	N/A	0	INCREASE	22	INCREASE
<i>Phacelia spp.</i>	0	N/A	0	No Change	3	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Rosa spp.</i>	7	No Change	3	No Change	2	No Change

Supplemental Environmental Impact Statement  
 Frank Church-River of No Return Wilderness Noxious Weed Treatments

<b>GROUND COVER</b>	<b>2000 TOTALS</b>	<b>2000 %</b>	<b>2003 TOTALS</b>	<b>2003 %</b>	<b>Chi Square COMPARISON 2000 - 2003</b>
<b>Vegetation</b>	<b>68</b>	<b>17%</b>	<b>14</b>	<b>4%</b>	<b>DECREASE</b>
<b>Litter</b>	<b>216</b>	<b>54%</b>	<b>263</b>	<b>65%</b>	<b>INCREASE</b>
<b>Rock</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1%</b>	<b>No Change</b>
<b>Pavement</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1%</b>	<b>No Change</b>
<b>Moss</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>No Change</b>
<b>Soil</b>	<b>116</b>	<b>29%</b>	<b>118</b>	<b>29%</b>	<b>No Change</b>
<b>TOTALS</b>	<b>400</b>	<b>100%</b>	<b>400</b>	<b>100%</b>	

NR = Not Read      N/A = Not Applicable

(This page intentionally left blank.)