APPENDIX

Table A1. Pre-treatment and 2017 height (cm) of trembling aspen, Alaskan paper birch, and black spruce in each plot.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Site | Plot | Aspen pre-treatment height | Aspen 2017 height | Birch pre-treatment height | Birch 2017 height | Spruce pre-treatment height | Spruce 2017 height |
| BF72 | Control | 61.5 ± 8.9 | 115.2 ± 19.0 | 124.4 ± 8.0 | 266.0 ± 13.5 | 15.2 ± 1.7 | 38.4 ± 3.9 |
| BF72 | Exclosure | 63.9 ± 9.2 | 91.1 ± 19.1 | 111.3 ± 8.1 | 274.0 ± 19.2 | 23.7 ± 2.8 | 47.9 ± 6.5 |
| BF76 | Control | 115.8 ± 12.3 | 140.1 ± 22.1 | 196.8 ± 13.6 | 352.0 ± 24.9 | 24.4 ± 3.7 | 47.7 ± 5.7 |
| BF76 | Exclosure | 103.4 ± 10.7 | 151.2 ± 22.3 | 173.0 ± 14.9 | 347.2 ± 28.2 | 28.7 ± 2.7 | 47.3 ± 4.7 |
| BF77 | Control | 62.6 ± 5.7 | 81.2 ± 9.3 | 117.2 ± 8.1 | 149.7 ± 13.4 | 23.5 ± 2.9 | 45.0 ± 5.0 |
| BF77 | Exclosure | 55.9 ± 5.9 | 114.2 ± 17.5 | 103.6 ± 8.2 | 217.1 ± 17.8 | 24.4 ± 2.8 | 50.7 ± 5.8 |
| BF84 | Control | 26.0 ± 1.9 | 28.3 ± 2.2 | 66.8 ± 7.4 | 89.3 ± 10.6 | 26.7 ± 2.8 | 42.5 ± 3.4 |
| BF84 | Exclosure | 41.7 ± 4.4 | 61.9 ± 9.2 | 77.5 ± 6.7 | 99.4 ± 10.6 | 34.3 ± 2.7 | 43.7 ± 3.2 |
| BF86 | Control | 36.3 ± 6.3 | 35.5 ± 4.9 | 134.0 ± 13.5 | 202.7 ± 20.3 | 33.0 ± 3.3 | 74.3 ± 7.3 |
| BF86 | Exclosure | 45.2 ± 4.1 | 55.8 ± 6.4 | 137.1 ± 12.8 | 200.1 ± 22.9 | 31.9 ± 2.8 | 60.7 ± 6.4 |

Table A2. Pre-treatment density of trembling aspen, Alaskan paper birch, and black spruce in each plot.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site | Plot | Aspen density (/m2) | Birch density (/m2) | Spruce density (/m2) | Willow density (/m2) |
| BF72 | Control | 5.90 | 5.75 | 2.70 | 3.60 |
| BF72 | Exclosure | 2.85 | 3.35 | 1.25 | 2.45 |
| BF76 | Control | 7.50 | 4.45 | 3.85 | 0.95 |
| BF76 | Exclosure | 10.50 | 2.30 | 2.95 | 1.05 |
| BF77 | Control | 15.90 | 15.75 | 2.65 | 1.40 |
| BF77 | Exclosure | 17.20 | 18.15 | 2.20 | 3.95 |
| BF84 | Control | 1.55 | 1.85 | 5.10 | 0.30 |
| BF84 | Exclosure | 1.90 | 0.85 | 7.00 | 1.10 |
| BF86 | Control | 11.70 | 17.45 | 8.05 | 6.05 |
| BF86 | Exclosure | 15.55 | 15.00 | 9.50 | 4.10 |