

APPENDIX I

DUNE-SWALE AND SUNKEN FOREST VEGETATIONAL  
ANALYSIS METHODS AND DATA

**The Dune and Swale Community.** Three random points were selected on the crest of the primary dune. Transect A passed through a point 8.6 m east of telephone pole #373, transect B passed through a point 7.2 m east of telephone pole #377, and transect C passed through a point 15.8 m east of telephone pole #374.

**The Sunken Forest Community.** A sampling grid consisting of 1/12 inch squares was laid on top of the aerial photograph of the Sunken Forest area (Fig. 15). The left-hand edge of the grid was positioned 1.5 mm from the east side of the Hopkins House (only structure visible in the northwest corner of the aerial photograph) and the top edge of the grid was on a line extending 2 mm from the north side of the house. From the grid of 24 rows and 57 columns, covering the forest, 35 locations were randomly selected for the analysis of the forest vegetation (Table A-1). The area of the 1/12-inch grid square was equivalent to 103.1 m<sup>2</sup> of actual land surface, while the actual plot laid out in the forest measured 10 × 10 m.

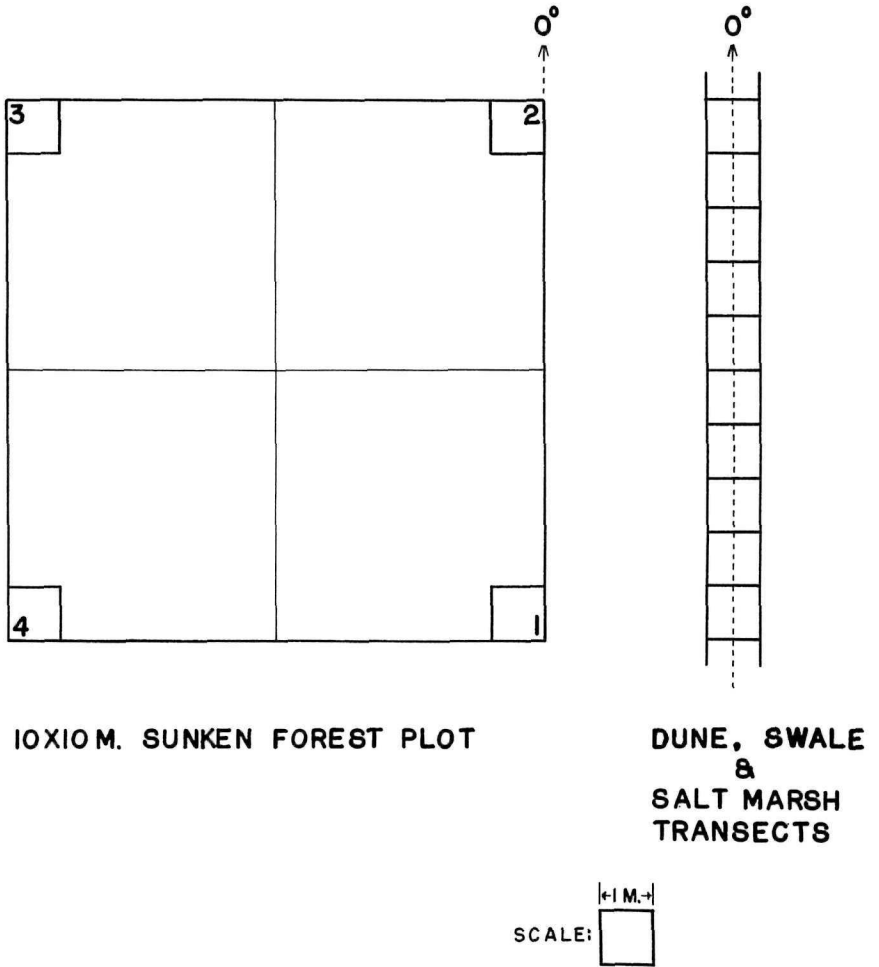
During the course of the vegetational analysis, plots 3, 10, and 14 were found to have been improperly located so that their locations have been corrected in the listing of Table A-1. Plot #11 was measured, but excluded from the forest data because the plot contained no trees, was located outside of the forest community, and would not have been selected in that location if the aerial photograph had been taken when the trees had leafed out rather than in March.

The plots were laid out so that one axis was on a north-south compass line and the other two on a east-west line. The southeast corner of the plot was labeled as Corner 1, while the northeast, northwest, and southwest corners were labeled Corners 2, 3, and 4, respectively (Fig. A-1).

|  | <i>Page</i> |
|--|-------------|
| Transect A Dune and Swale Community, % Cover | 140         |
| Transect B Dune and Swale Community, % Cover | 147         |
| Transect C Dune and Swale Community, % Cover | 153         |
| Sunken Forest Tree Density                   | 160         |
| Sunken Forest Tree Basal Area                | 162         |
| Sunken Forest Shrub Basal Area               | 165         |
| Sunken Forest Shrub Density                  | 168         |
| Sunken Forest Herb layer, % Cover            | 170         |
| Sunken Forest Species List and Abbreviations | 174         |
|  | 137         |

**Table A-1.** Vegetational analysis—forest plot information

| Plot # | Canopy | % Slope | °Aspect | Drainage | Grid row | Location col. | Shrub quarter plot |
|--------|--------|---------|---------|----------|----------|---------------|--------------------|
| 1      | 55     | —       | —       |          | 15       | 29            | 2                  |
| 2      | 85     | 14      | 35      | 5% bog   | 15       | 41            | 4                  |
| 3      | 80     | 17      | 50      |          | 19       | 6.5           | 1                  |
| 4      | 90     | 21      | 111     |          | 14       | 38            | 1                  |
| 5      | 80     | 17      | 37      | near bog | 13       | 47            | 4                  |
| 6      | 30     | 10      | 100     |          | 13       | 33            | 1                  |
| 7      | 80     | 6       | 12      |          | 19       | 32            | 3                  |
| 8      | 80     | 30      | 49      |          | 17       | 48            | 3                  |
| 9      | 75     | —       | —       |          | 17       | 51            | 2                  |
| 10     | 80     | 6       | 52      |          | 12       | 36.5          | 4                  |
| 12     | 80     | 21      | 211     |          | 12       | 49            | 4                  |
| 13     | 90     | —       | —       | 10% bog  | 10       | 45            | 2                  |
| 14     | 25     | 4       | 29      |          | 8        | 48.5          | 1                  |
| 15     | 10     | —       | —       |          | 7        | 44            | 1                  |
| 16     | 80     | 6       | 18      |          | 10       | 54            | 3                  |
| 17     | 85     | —       | —       | 3% bog   | 9        | 54            | 2                  |
| 18     | 90     | 6       | 39      | near bog | 19       | 55            | 2                  |
| 19     | 80     | 21      | 51      |          | 20       | 13            | 4                  |
| 20     | 90     | 5       | 25      | 15% bog  | 18       | 16            | 4                  |
| 21     | 55     | 4       | 25      | near bog | 17       | 14            | 3                  |
| 22     | 75     | 6       | 239     |          | 17       | 19            | 4                  |
| 23     | 90     | 4       | 16      |          | 17       | 9             | 4                  |
| 24     | 85     | 15      | 50      |          | 16       | 6             | 3                  |
| 25     | 80     | 21      | 44      |          | 13       | 5             | 3                  |
| 26     | 55     | 9       | 241     |          | 15       | 7             | 2                  |
| 27     | 45     | —       | —       |          | 14       | 11            | 1                  |
| 28     | 45     | —       | —       |          | 6        | 2             | 3                  |
| 29     | 15     | 4       | 5       |          | 1        | 1             | 2                  |
| 30     | 80     | 2       | 165     |          | 9        | 13            | 2                  |
| 31     | 30     | 6       | 39      |          | 2        | 21            | 3                  |
| 32     | 4      | —       | —       |          | 5        | 24            | 1                  |
| 33     | 99     | —       | —       | 100% bog | 10       | 22            | 1                  |
| 34     | 75     | 4       | 200     |          | 12       | 30            | 2                  |
| 35     | 85     | 12      | 43      |          | 8        | 35            | 1                  |



IOXIOM. SUNKEN FOREST PLOT

DUNE, SWALE  
&  
SALT MARSH  
TRANSECTS

Fig. A-1. Vegetation sampling methods.

## Transect A Dune-Swale Community—% Cover

| Meter # | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ab      | 8  | 2  | 25 | 30 | 25 | 20 | 45 | 30 | 25 | 50 | 20 | 20 | 15 | 50 | 25 | 25 | 33 | 20 | 33 | 40 | 12 | 15 | 20 | 35 | 25 |
| Ce      | 1  | 1  |    |    | 2  |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    | 2  |    |
| As      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | 2  |    |    |    | 3  | 5  |    |    |
| Laj     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 7  | 10 |
| SSe     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| R       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Qv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ACS     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rea     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ht      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tb      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sst     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hve     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Qs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tot     | 9  | 3  | 25 | 30 | 27 | 20 | 45 | 30 | 25 | 50 | 20 | 20 | 15 | 50 | 25 | 25 | 33 | 22 | 33 | 40 | 15 | 20 | 20 | 44 | 35 |
| BS      | 91 | 80 | 75 | 65 | 75 | 80 | 55 | 70 | 72 | 45 | 75 | 75 | 85 | 50 | 75 | 70 | 66 | 70 | 55 |    | 80 | 72 | 75 | 35 | 40 |
| (L)     |    |    |    |    |    | 2  |    |    | 5  | 10 | 10 | 10 |    | 5  | 5  | 16 | 5  | 20 | 20 | 20 | 7  | 10 | 10 | 45 | 45 |

Tot = Total cover

BS = Bare sand

(L) = Litter

**Transect A, continued**

| Meter # | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ab      | 20 | 5  | 10 | 35 | 25 | 10 | 7  | 7  | 8  | 10 | 7  | 3  | 15 | 30 | 25 | 12 | 40 | 30 | 20 | 50 | 35 | 30 | 20 | 18 | 25 |
| Ce      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| As      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Laj     | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sse     |    |    | 4  |    | 1  | 5  | 10 | 12 | 8  | 6  | 12 | 4  | 6  |    |    |    | 2  | 3  | 4  | 1  |    | 1  | 2  | 1  | 2  |
| Pq      |    |    |    |    | 3  | 2  | 10 | 3  | 5  | 35 | 10 | 12 | 15 | 12 | 4  | 2  | 2  | 5  |    |    |    |    | 3  | 15 | 8  |
| Pm      |    |    |    |    |    |    |    |    |    |    | 6  | 4  |    |    |    |    |    |    |    | 5  |    |    |    |    |    |
| R       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 8  | 22 | 4  | 2  |    | 4  |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Reo     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Qv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Acs     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rca     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ht      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tb      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sst     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hve     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Qs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tot     | 22 | 5  | 14 | 35 | 29 | 17 | 27 | 22 | 21 | 51 | 35 | 23 | 36 | 42 | 29 | 14 | 44 | 38 | 24 | 64 | 57 | 35 | 27 | 34 | 39 |
| BS      | 55 | 65 | 45 | 20 | 30 | 45 | 40 | 25 | 15 | 40 | 5  | 20 | 25 | 30 | 30 | 40 | 20 | 30 | 40 | 5  | 10 | 40 | 25 | 45 | 2  |
| (L)     | 35 | 35 | 45 | 65 | 50 | 50 | 50 | 65 | 75 | 60 | 85 | 75 | 65 | 55 | 60 | 55 | 55 | 50 | 50 | 50 | 65 | 40 | 55 | 40 | 85 |

Transect A, *continued*

| Meter # | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65  | 66 | 67  | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|----|----|----|----|----|----|----|----|
| Ab      | 35 | 30 | 25 | 40 | 25 | 20 | 15 | 10 | 5  | 5  | 7  | 10 | 8  | 5  | 2   | 2  | 3   | 4  | 5  | 4  | 4  |    | 6  | 16 | 8  |
| Ce      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| As      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Laj     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Sse     | 4  | 3  | *  | 1  | *  |    | 3  | 4  | 2  | 12 | 7  | 2  | 4  | 1  |     | 10 | 1   | 1  |    | 1  | 1  |    | 5  | 4  |    |
| Pq      | 5  | 12 | 15 | 15 | 8  | 10 | 10 | 5  | 12 | 10 | 10 | 5  | 6  | 15 | 12  | 12 | 5   | 12 | 15 |    | 12 | 2  | 9  |    |    |
| Pm      |    |    |    |    |    |    | 3  | 4  |    |    | 8  | 20 | 2  | 15 | 55  | 15 |     |    |    |    |    |    |    | 3  | 23 |
| R       | 6  | 2  |    |    |    | 4  | 8  |    | 1  | 2  | 2  | 2  | 3  | 4  | 4   | 2  | 3   |    |    |    |    |    |    |    |    |
| Mp      |    |    |    | 1  | 17 | 10 | 4  | 10 | 18 | 15 | 18 | 10 | 25 | 50 | 10  | 20 | 15  | 25 | 12 | 5  | 12 | 22 | 30 |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  | 10  | 5  | 2   | 5  | 40 | 75 | 45 | 10 |    |    | 30 |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 3   | 5  | 8   |    |    |    |    |    |    | 5  |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4   | 3  | 5   | 2  |    |    |    |    |    |    |    |
| Qv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 8  | 50  |    |    |    |    |    |    |    |    |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    | 2   | 5  | 10 | 2  |    | 3  | 3  |    |    |
| Acs     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 2  |     |    |    |    |    |    |    |    |    |
| Rca     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     | 3  |    |    |    |    |    |    |    |
| Ht      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    | 1  |    |    | 2  | 8  | 8  | 4  |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    | 2  | 8  | 8  | 4  |    |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Tb      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Sst     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Hve     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Pv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Qs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |    |    |    |    |    |    |    |
| Tot     | 50 | 47 | 40 | 57 | 50 | 44 | 43 | 33 | 38 | 44 | 52 | 49 | 48 | 92 | 100 | 86 | 100 | 60 | 75 | 85 | 76 | 45 | 61 | 32 | 61 |
| Bs      |    | 5  | 15 | 10 | 5  | 10 | 20 | 25 | 4  |    |    | 3  | 10 |    |     |    |     | 10 | 15 | 10 | 18 | 25 | 30 | 50 | 35 |
| (L)     | 80 | 80 | 70 | 80 | 70 | 80 | 50 | 75 | 85 | 85 | 90 | 75 | 75 | 35 | 60  | 70 | 50  | 60 | 20 | 10 | 15 | 40 | 20 | 25 | 30 |

Transect A, continued

| Meter # | 76 | 77  | 78 | 79 | 80  | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96  | 97 | 98  | 99  | 100 |
|---------|----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|-----|-----|
| Ab      | 4  | 3   | 3  | 4  | 5   | 3  | *  | *  |    | *  |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Ce      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| As      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Laj     |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Sse     | 1  |     |    |    |     |    |    |    |    |    |    |    | 5  |    |    |    |    |    |    |    |     | 4  |     |     |     |
| Pq      | 3  | 3   | 1  |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Pm      | 10 |     | 40 | 45 | 50  | 8  | 1  |    | 3  |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| R       |    | 2   |    |    | 3   | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Mp      | 15 | 40  | 8  | 3  |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Au      | 55 | 65  | 30 | 30 | 50  | 75 | 30 | 20 | 35 | 20 |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Rco     |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Ch      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Qv      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Lm      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Acs     |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Rca     |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Ht      |    |     |    |    |     |    |    | 2  |    | 1  | 3  | 4  | 6  | 7  | 7  | 12 | 11 | 1  | 3  |    |     |    |     |     |     |
| Cs      | 1  | 1   |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *   |    |     |     |     |
| P       |    |     |    |    |     |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Sg      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Cp      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| An      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Tb      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Io      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Sst     |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Hve     |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Pv      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Qs      |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |     |     |
| Tot     | 89 | 114 | 82 | 82 | 108 | 87 | 31 | 22 | 38 | 21 | 3  | 4  | 11 | 7  | 7  | 12 | 11 | 1  | 3  | 0  | 0   | 4  | 0   | 0   | 0   |
| BS      | 12 | 4   | 20 | 22 | 10  | 20 | 65 | 75 | 65 | 80 | 97 | 94 | 89 | 91 | 93 | 88 | 89 | 98 | 96 | 98 | 100 | 96 | 100 | 100 | 100 |
| (L)     | 10 | 15  | 15 | 28 | 10  | 8  | 10 | 8  | 5  | 1  |    | 2  |    |    |    |    |    |    |    | 2  |     |    |     |     |     |

Transect A, *continued*

| Meter # | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 |    |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Ab      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 4   | 6   | 8   | 5   | 4   | 6   | 3   | 10  | 5   |    |
| Ce      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| As      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Laj     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2   |    |
| Sse     |     |     | 2   | 2   |     |     |     |     |     | 2   |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 6   |    |
| Pq      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 5   |    |
| Pm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| R       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 4   | 25  | 18  | 4   |    |
| Mp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 3   |    |
| Au      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Qv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     | 6   |     |     |     |     |    |
| Lm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Acs     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Rca     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Ht      |     | *   |     |     |     |     |     |     |     |     | 4   |     | 2   |     |     |     | 2   | 6   | 20  | 18  | 28  | 30  |     |     |     |    |
| Cs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |    |
| P       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sg      |     |     |     |     |     |     |     |     |     |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Cp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 17  | 15  | 35  | 65 |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| To      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Io      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sst     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Hve     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Pv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Qs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Tot     | 0   | 0   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 2   | 4   | 0   | 2   | 0   | 0   | 0   | 6   | 12  | 29  | 24  | 38  | 57  | 43  | 64  | 91  |    |
| BS      | 100 | 100 | 98  | 98  | 100 | 100 | 100 | 100 | 100 | 98  | 95  | 99  | 97  | 100 | 100 | 100 | 93  | 80  | 70  | 60  | 50  | 20  | 30  | 2   | 10  |    |
| (L)     |     |     |     |     |     |     |     |     |     |     | 1   | 1   | 1   |     |     |     | 1   | 8   | 10  | 20  | 15  | 20  | 50  | 75  | 50  |    |



**Transect A, continued**

| Meter # | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Abe     | 6   | 5   | 1   | 1   | *   |     |     |     |     |     |     |     |     | 1   | 1   |     | *   |     | 3   | 3   |     |     |     |     |     |
| Ce      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| As      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Laj     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sse     |     |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   | 3   | 2   | 1   | 2   |
| Pq      | 8   | 10  |     | 10  | 5   | 8   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pm      | 30  | 5   | 1   |     |     |     |     |     |     |     | 3   | 3   | 4   |     |     |     |     |     |     |     |     |     | 1   |     |     |
| R       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Mp      | 4   | 17  | 25  | 35  | 5   | 4   | 9   | 8   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Au      | 35  | 20  | 45  | 75  | 80  | 75  | 85  | 90  | 85  | 70  | 55  | 35  | 40  | 60  | 50  | 65  | 45  | 55  | 70  | 60  | 65  | 95  | 85  | 80  | 75  |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ch      |     | 3   |     |     | 5   | 5   | 10  |     |     |     | 2   |     | 1   | 2   | 1   | 3   | 2   |     |     |     | 2   |     |     |     |     |
| Qv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Lm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Acs     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rca     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ht      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Cs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| P       |     |     |     |     |     |     |     | 1   |     |     | 2   |     | 2   | 2   |     | 2   | 6   | 6   | 7   | 5   |     |     |     |     |     |
| Sg      | 12  | 8   | 20  | 25  | 12  | 5   | 6   | 2   | 3   | 4   | 2   | 4   |     |     | 6   | 4   | 2   | 2   | 4   | 12  | 5   | 10  | 15  | 7   | 2   |
| Cp      |     |     | 4   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   | 1   |     |     |     |
| To      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | *   | 1   | 1   |
| Io      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     | 2   | 10  |
| Sst     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Hve     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Qs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Tot     | 95  | 72  | 97  | 146 | 107 | 97  | 110 | 101 | 88  | 76  | 62  | 43  | 48  | 64  | 60  | 73  | 53  | 63  | 84  | 82  | 70  | 110 | 103 | 91  | 90  |
| Bs      | 5   | 10  |     |     |     |     |     | 2   | 7   | 5   | 8   | 25  | 12  | 4   | 10  |     | 7   | 4   | 1   | 4   |     |     |     |     |     |
| (L)     | 40  | 55  | 40  | 10  | 5   | 25  | 5   |     | 5   | 30  | 35  | 35  |     | 35  | 35  | 40  | 40  | 45  | 30  | 35  | 30  | 5   | 10  | 12  | 15  |

## Transect A, continued

| Meter # | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 |   |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| Ab      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Cc      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| As      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Laj     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Sse     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Pq      | 3   | 3   | 1   | 8   | 3   | 8   | 7   | 5   | 5   | 2   | 5   | 10  | 17  | 20  | 6   | 3   | 3   | 8   | *   |     |     | 2   |     |     |     |   |
| Pm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| R       | 2   |     | 1   |     |     |     | 2   |     | 2   | 1   |     |     |     |     |     | 1   |     |     |     |     | 6   | 10  | 2   | 2   |     |   |
| Mp      | 6   | 9   | 3   | 5   | 7   | 4   | 9   | 1   |     |     |     | 5   | 5   |     |     |     | 6   | 5   | 9   | 11  | 4   |     |     |     |     |   |
| Au      | 85  | 80  | 85  | 90  | 90  | 75  | 75  | 70  | 65  | 60  | 75  | 80  | 80  | 90  | 75  | 80  | 75  | 80  | 80  | 70  | 50  | 35  | 30  | 70  | 65  |   |
| Rco     |     |     |     |     |     |     |     |     |     |     | 2   | 1   | 10  | 7   | 3   |     |     |     |     |     |     |     |     |     |     |   |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 3   |     |     |     | 3   | 4   | 3   | 3   |     |   |
| Qv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Lm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Acs     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Rca     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Ht      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 3 |
| Cs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| P       |     |     |     |     |     |     |     |     | 3   |     |     |     |     |     |     |     |     |     |     |     | 1   |     |     | 1   | 2   |   |
| Sg      | 2   | 3   | 8   | 6   | 4   | 9   | 4   | 8   | 15  | 20  | 10  | 35  | 22  | 18  | 8   | 2   | 2   | 6   | 8   | 4   | 6   | 5   | 5   | 2   | 2   |   |
| Cp      |     |     | 2   |     |     |     |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     |     |     |   |
| An      | 4   | 6   | 5   | 2   | 5   | 4   | 7   | 8   | 1   | 2   | 7   | 4   | 4   |     | 3   | 2   | 5   | 12  | 4   | 4   | 8   | 4   | 4   | 3   | 5   |   |
| To      | *   |     |     |     |     | 1   | 1   |     |     |     |     |     |     |     | 1   | 1   |     |     |     | 1   |     | *   |     |     |     |   |
| Io      | 1   | 2   |     |     |     | 8   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| Sst     | 1   |     |     |     | 1   | 2   | 3   | *   |     |     |     |     |     |     |     |     |     | *   | *   | 3   | 4   | 4   |     |     | 2   | 3 |
| Hve     |     |     |     |     |     |     |     |     | 4   | *   |     |     |     |     |     |     |     |     | *   | 1   |     | 2   | 1   | 1   |     |   |
| Pv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 16  | 13  | 6   |     |     |     |     |     |     |     |     |   |
| Qs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 15  | 50  | 60  |     |   |
| Tot     | 104 | 103 | 105 | 111 | 110 | 111 | 108 | 93  | 91  | 89  | 99  | 135 | 138 | 135 | 112 | 102 | 100 | 111 | 106 | 94  | 98  | 112 | 106 | 84  | 78  |   |
| BS      |     | 2   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 10  | 3   |   |
| (L)     | 10  | 5   | 8   | 5   | 2   | 25  | 12  | 10  | 20  | 15  | 15  | 10  | 5   | 8   |     | 2   | 3   | 6   | 3   | 20  | 20  | 20  | 15  | 10  | 25  |   |

**Transect B Dune-Swale Community—% Cover**

| Meter # | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ab      | 20 | 35 | 50 | 22 | 8  | 55 | 12 | 10 | 10 | 4  | 35 | 50 | 35 | 35 | 28 | 7  | 50 | 40 | 45 | 35 | 40 | 45 | 40 | 40 | 30 |
| Ep      |    |    |    |    |    |    |    | *  | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ce      |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |    |    |    |    |    |    |    |    |
| Sse     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 8  | 2  | 1  | 2  | 3  |
| Pm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4  | 16 | 15 |    |    |    |    | 1  |    | 3  |
| Rv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pq      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hi      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Aca     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Aaa     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lc      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Paq     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sas     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tot     | 20 | 35 | 50 | 22 | 8  | 55 | 12 | 10 | 10 | 4  | 35 | 50 | 35 | 37 | 28 | 11 | 66 | 55 | 46 | 43 | 42 | 46 | 43 | 40 | 36 |
| BS      | 80 | 65 | 50 | 78 | 92 | 45 | 75 | 82 | 85 | 90 | 45 | 30 | 50 | 45 | 55 | 88 | 30 | 20 | 15 | 15 | 25 | 28 | 35 | 35 | 25 |
| (L)     | 7  | 10 | 1  |    |    | 10 | 15 | 18 | 6  | 10 | 25 | 25 | 25 | 30 | 25 | 2  | 25 | 60 | 45 | 55 | 55 | 45 | 45 | 50 | 45 |

Transect B, *continued*

| Meter # | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42  | 43  | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|
| Ab      | 35 | 28 | 15 | 22 | 16 | 5  | 2  | 5  | 8  | 5  | 12 | 10 | 4  | 10 | 5  | 4  | 1   | 1   | 12 | 15 | 15 | 3  | 1  | *  |    |
| Ep      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Ce      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Sse     | 2  |    | 3  | 4  | 2  | 8  | 10 | 15 | 4  | 2  | 1  | 2  | 4  | 6  | 20 | 6  | 2   |     | 2  | 15 | 3  | 4  |    | 4  | 1  |
| Pm      |    | 2  | 18 | 30 | 65 | 65 | 55 | 45 | 38 | 65 | 30 | 18 | 15 | 22 | 28 | 30 | 7   | 1   | 55 | 40 | 50 | 8  | 2  |    |    |
| Rv      |    |    |    | 15 |    | 10 |    |    | 4  |    |    | 12 |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Pq      |    |    |    |    |    | 10 | 5  |    |    |    |    |    |    | 7  | 2  | 3  |     |     |    | 1  | 3  | 2  | 8  |    |    |
| Mp      |    |    |    |    |    |    |    |    |    |    | 1  | 40 | 35 | 35 | 10 | 3  | 1   |     |    | 1  |    |    |    |    |    |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5  | 90  | 98  |    |    |    |    |    |    |    |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    | 6  | 10 |    | 2  |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    | *  |    | Γ  |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    | 3  | 1  |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Ht      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Aca     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Cr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Aaa     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Lc      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Paq     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Pr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Sas     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
| Tot     | 37 | 30 | 36 | 71 | 83 | 98 | 72 | 65 | 54 | 72 | 56 | 70 | 58 | 80 | 65 | 51 | 101 | 100 | 99 | 73 | 73 | 36 | 13 | 9  | 5  |
| BS      | 40 | 35 | 40 | 5  | 15 | 35 | 40 | 40 | 5  | 10 | 40 | 15 |    | 2  | 20 | 3  |     |     |    | 5  | 15 | 25 | 70 | 91 | 88 |
| (L)     | 35 | 50 | 45 | 35 | 20 | 10 | 10 | 15 | 50 | 20 | 12 | 20 | 55 | 50 | 45 | 55 | 3   | 2   | 25 | 30 | 20 | 40 | 18 |    | 7  |

**Transect B, continued**

| Meter # | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ab      |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 2  | 4  | 4  | 8  | 3  | 6  | 2  | 4  | 4  | 8  | 5  | 2  |
| Ep      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ce      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sse     | 2  | 3  | 1  | 2  | 2  | *  | 4  |    |    | 3  | 3  | 2  | 3  | 4  | 2  |    | 1  |    | 5  |    | 4  | 1  |    | 2  | 2  |
| Pm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pq      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lm      |    |    |    | *  | *  |    |    |    |    |    |    |    |    |    | 8  | 3  |    |    |    | *  |    |    |    |    |    |
| P       |    | 2  | 1  | *  | 1  | 1  | *  | *  | 1  | *  | 5  | 1  | *  | *  | *  | 2  | 2  | 1  | *  |    |    |    |    |    |    |
| Ht      | 4  | 3  | 4  | 6  | 3  | 1  | 6  | 9  | 3  | 5  | 1  | 3  | 2  | 3  |    | 4  | 12 | 15 | 3  | 6  | 3  | 7  | 3  | 6  | 10 |
| Aca     |    |    |    |    |    | *  |    | *  |    | 1  |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | 25 | 75 | 30 | *  |
| Cv      |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Aaa     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lc      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Paq     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sas     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tot     | 6  | 8  | 6  | 8  | 6  | 2  | 10 | 9  | 5  | 9  | 9  | 6  | 7  | 9  | 14 | 13 | 25 | 19 | 14 | 8  | 11 | 37 | 86 | 43 | 14 |
| BS      | 84 | 87 | 84 | 83 | 88 | 92 | 84 | 80 | 89 | 86 | 91 | 90 | 81 | 81 | 71 | 70 | 70 | 65 | 80 | 86 | 85 | 60 | 15 | 50 | 65 |
| (L)     | 10 | 5  | 10 | 8  | 6  | 5  | 6  | 10 | 6  | 5  |    | 4  | 12 | 10 | 15 | 22 | 10 | 25 | 15 | 6  | 4  | 6  | 5  | 8  | 22 |

Transect B, *continued*

| Meter # | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|-----|
| Ab      | 3  | 7  | 10 | 4  | 3  | 3  | 4  | 2  | 3  | 6  | 12 | 9  | 6  | 2  |     | 2  | 4  | 10 | 25 | 12 | 5  | 10 | 7  | 18 | 8   |
| Ep      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Ce      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Sse     |    | 1  |    | 1  | 2  |    |    |    |    | 3  | 1  | 4  |    |    |     |    | 3  |    |    |    |    |    | 1  | 3  |     |
| Pm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    | *  |    |    |    |    |    |    |     |
| Rv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Pq      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Io      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Lm      | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    | *  |    | *  |     |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Ht      | 6  | 5  | *  | 1  | 6  | 6  | 7  | 13 | 8  | 10 | 2  |    |    |    |     |    | 1  | 2  |    | 6  | 4  | 3  | 14 | 5  | 13  |
| Aca     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    | *  | *  |    |     |
| Cs      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Au      | *  | 12 | 65 | 50 | 12 |    |    |    |    |    |    |    |    |    |     |    | 1  | 5  | 22 | 5  |    |    |    |    |     |
| Cv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Aaa     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Lc      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Cp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Cj      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Paq     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Pr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Sas     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |     |
| Tot     | 9  | 25 | 75 | 56 | 23 | 9  | 11 | 15 | 11 | 19 | 15 | 13 | 6  | 2  | 0   | 2  | 9  | 17 | 47 | 23 | 9  | 16 | 22 | 26 | 21  |
| BS      | 76 | 70 | 15 | 30 | 70 | 61 | 80 | 80 | 85 | 79 | 85 | 85 | 94 | 98 | 100 | 98 | 88 | 78 | 40 | 55 | 70 | 65 | 60 | 60 | 45  |
| (L)     | 15 | 10 | 15 | 20 | 6  | 30 | 10 | 7  | 4  | 2  |    | 3  |    |    |     |    | 3  | 5  | 15 | 25 | 25 | 20 | 20 | 15 | 35  |

**Transect B, continued**

| Meter # | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ab      | 6   | 7   | 3   | 2   | 4   | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ep      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Cc      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sse     | 3   |     | 2   |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pm      |     | 1   | 2   | 5   | 8   | 7   | 18  |     |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pq      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Mp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Io      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Lm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| P       | 2   |     | 1   |     |     |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 1   |     |     |     |
| Ht      | 4   | 9   | 10  | 2   |     |     |     |     |     |     |     | 1   |     |     |     | 1   | *   |     |     | 1   | 3   |     | 1   | 3   | 1   |
| Aca     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Cs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Par     |     |     |     |     |     |     |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     | *   |     |     |     |
| Au      |     | 1   | 30  | 75  | 80  | 85  | 90  | 60  | 40  | 22  | 60  | 13  | 35  | 70  | 75  | 80  | 60  | 35  | *   | 6   | 45  | 40  | 85  | 85  | 85  |
| Cv      |     |     |     |     |     |     |     | 1   | *   |     |     |     |     |     |     |     |     |     |     |     |     | *   |     |     |     |
| Aaa     |     |     |     |     | 9   | 4   | 1   |     |     | *   | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Lc      |     |     |     |     |     | 2   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sg      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Cp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Paq     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pr      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sas     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Tot     | 15  | 18  | 48  | 84  | 102 | 99  | 109 | 61  | 40  | 23  | 61  | 13  | 36  | 70  | 75  | 81  | 60  | 35  | 0   | 7   | 49  | 41  | 86  | 88  | 86  |
| BS      | 80  | 75  | 50  | 15  | 5   | 3   | 7   | 40  | 55  | 65  | 40  | 82  | 55  | 22  | 15  | 5   | 20  | 45  | 100 | 88  | 40  | 50  | 7   | 12  | 10  |
| (L)     | 5   | 10  | 7   | 10  | 5   | 10  | 2   | 10  | 22  | 18  | 5   | 5   | 10  | 12  | 10  | 15  | 20  | 20  |     | 5   | 5   | 5   | 7   | 4   | 5   |

Transect B, *continued*

| Meter # | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ab      |     | 1   |     |     | 3   | 2   | 4   | 1   |     |     |     |     |     |     |     |     |     |     |     |     |
| Ep      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ce      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sse     |     |     |     |     | 2   | 4   | 4   |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pm      |     |     |     |     | 15  | 25  | 12  | 20  | 6   | 1   |     | 2   | 1   |     |     |     |     |     |     |     |
| Rv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pq      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 10  | 18  |
| Mp      |     |     |     |     |     |     |     | 1   |     |     |     |     |     |     |     |     |     |     | 28  | 21  |
| lo      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Lm      |     |     |     | 5   |     | 1   | 1   | 2   |     |     |     |     |     |     |     |     |     |     |     |     |
| P       |     |     |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ht      | 1   | 18  | 6   | 4   | 8   |     |     |     |     | 2   |     |     |     |     |     |     |     |     |     |     |
| Aca     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Cs      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Par     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Au      | 70  | 28  | 4   |     | 2   | 8   | 11  | 50  | 50  | 1   | 3   | 18  | 50  | 95  | 90  | 95  | 80  | 33  | 28  | 5   |
| Cv      |     |     |     | 1   |     | 1   |     |     |     |     |     | 1   |     |     |     |     |     |     |     |     |
| Aaa     |     |     |     |     |     |     |     | 1   | 2   |     |     |     |     |     |     |     |     |     |     |     |
| Lc      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sg      |     | 1   | 7   | 14  | 12  | 15  | 15  | 8   |     |     |     |     | 2   | 15  | 12  | 10  | 20  | 28  | 13  | 65  |
| Cp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     |     |     |     |     |
| Paq     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 15  | 6   |     |     |     |
| Pr      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     | 1   | 3   |
| Sas     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 10  | 30  | 12  | 2   |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 3   |     | 12  |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2   | 3   |     |
| Tot     | 71  | 48  | 17  | 24  | 42  | 56  | 48  | 82  | 60  | 2   | 3   | 21  | 53  | 110 | 104 | 120 | 117 | 96  | 96  | 126 |
| BS      | 26  | 45  | 80  | 75  | 40  | 25  | 35  | 15  | 30  | 98  | 97  | 80  |     |     |     |     |     | 2   | 4   | 8   |
| (L)     | 6   | 5   | 6   | 8   | 25  | 25  | 30  | 10  | 10  |     |     |     |     | 5   | 3   |     |     | 5   | 25  | 10  |



**Transect C Dune-Swale Community - % Cover**

| Meter # | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |    |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ab      | 15 | 15 | 40 | 40 | 45 | 45 | 45 | 25 | 35 | 25 | 35 | 28 | 8  | 7  | 15 | 18 | 30 | 27 | 15 | 20 | 35 | 18 | 45 | 55 | 20 |    |
| Ce      |    | *  | 2  |    |    |    |    | 9  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| As      |    |    |    |    | 2  |    |    |    | *  | 40 | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Laj     |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  |    |    |    |    | 10 | 1  | 12 | 17 | 10 | 35 | 33 |
| Sse     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | *  |    |    |    |    |    |    |    |    |
| Pm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ht      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sst     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ep      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hve     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Aaa     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tot     | 15 | 15 | 42 | 40 | 47 | 45 | 45 | 34 | 35 | 65 | 35 | 28 | 8  | 7  | 17 | 18 | 31 | 27 | 25 | 21 | 47 | 35 | 55 | 90 | 53 |    |
| BS      | 85 | 85 | 58 | 60 | 53 | 55 | 55 | 66 | 65 | 35 | 65 | 72 | 80 | 93 | 81 | 65 | 50 | 50 | 55 | 30 | 15 | 25 | 2  | 20 | 25 |    |
| (L)     |    |    |    |    |    | 5  |    |    |    |    |    |    | 5  | 2  | 5  | 20 | 35 | 35 | 30 | 60 | 70 | 65 | 80 | 20 | 40 |    |

## Transect C, continued

| Meter # | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ab      | 22 | 11 | 10 | 10 | 14 | 18 | 5  | 7  | 17 | 35 | 28 | 30 | 35 | 40 | 30 | 20 | 18 | 5  | 8  | 4  | 5  | 2  | 3  | 2  | 2  |
| Cc      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| As      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Laj     | 28 | 25 | 7  | 11 | 5  | 7  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sse     |    |    | 50 | 9  | 16 | 3  | 40 | 16 | 6  |    | 1  | 2  | 1  |    |    |    |    |    |    | 3  |    |    |    |    |    |
| Fm      |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  | 3  | 50 | 50 |    | 22 | *  | 10 | 10 | *  | 15 |
| Ht      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  |    | 2  | 7  | 3  | 3  |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Au      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 25 | 40 |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sst     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Sr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ep      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| P       |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hve     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Aaa     |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tot     | 50 | 36 | 67 | 30 | 35 | 28 | 46 | 23 | 23 | 35 | 29 | 32 | 36 | 40 | 30 | 20 | 21 | 55 | 58 | 35 | 5  | 4  | 20 | 30 | 60 |
| BS      | 35 | 55 | 12 | 9  | 2  | 28 | 20 | 22 | 10 | 5  | 12 | 15 | 22 | 1  | 28 | 45 | 50 | 45 | 50 | 65 | 90 | 92 | 75 | 70 | 25 |
| (L)     | 25 | 15 | 40 | 65 | 80 | 35 | 40 | 65 | 85 | 85 | 80 | 70 | 50 | 80 | 55 | 45 | 35 | 10 | 5  | 5  | 5  | 4  | 5  | 10 | 30 |

Transect C, continued

| Meter # | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72  | 73 | 74  | 75 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|----|
| Ab      | 3  | 2  | 10 | 10 | 25 | 20 | 18 | 6  | 12 | 10 | 15 | 9  | 5  | 4  | 3  | *  | 2  | 1  | 3  | 4  | 3  | 1   | 2  | 2   | 1  |
| Cc      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| As      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Laj     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Sse     | 2  | 3  | 1  | 2  | 1  | 5  | 1  | 1  | *  | 3  |    | 2  |    |    |    |    |    |    | 2  |    | 2  |     |    |     |    |
| Pm      | 20 |    |    |    |    |    |    |    |    | 3  |    |    | 2  |    | 2  | 3  |    |    |    | 2  | 25 | 50  | 15 |     | 11 |
| Ht      |    | 2  |    | 1  | *  | 1  | 3  | 16 | 15 | 6  | 5  | 4  | 7  | 16 | 13 | 5  | 2  | 5  | *  |    |    |     |    | 2   | 2  |
| Par     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Au      | 10 | 25 |    |    |    |    | 1  | 8  |    |    |    |    |    |    |    |    | 45 | 25 | 3  |    |    | 20  | 65 | 90  | 65 |
| Lm      |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |     | 1  | 1   |    |
| Sg      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    | 2   | 1  | 2   |    |
| Mp      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 3  | 10 |    | 15  | 50 | 2   | 4  |
| Sst     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 8   | 1  |     |    |
| Sr      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |     |    |     |    |
| Rv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4  | 15  | 12 |     |    |
| Cv      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Ep      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| P       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Ch      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Rco     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Hve     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Aaa     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| An      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |     |    |
| Tot     | 35 | 32 | 11 | 13 | 26 | 26 | 23 | 31 | 27 | 22 | 20 | 15 | 15 | 20 | 18 | 8  | 49 | 35 | 18 | 7  | 50 | 146 | 99 | 101 | 79 |
| BS      | 40 | 50 | 55 | 35 | 25 | 25 | 60 | 55 | 55 | 60 | 60 | 70 | 85 | 50 | 75 | 80 | 45 | 45 | 75 | 65 | 25 |     |    | 3   | 20 |
| (L)     | 30 | 20 | 45 | 60 | 65 | 70 | 25 | 18 | 25 | 20 | 30 | 15 | 3  | 5  | 15 | 15 | 10 | 20 | 10 | 40 | 40 |     | 20 |     | 8  |



**Transect C, continued**

| Meter # | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 |    |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Ab      |     | 3   | *   | *   | 1   | 7   | 3   | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   | 1   | *   |    |
| Ce      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| As      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Laj     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sse     |     |     | 4   | 1   |     |     |     |     |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Pm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Ht      |     |     | 2   |     |     |     |     |     |     |     | 1   | 4   | 16  | 25  | 4   | 7   | 8   | 3   | *   |     |     | 5   | 6   | 1   | 5   | 6  |
| Par     |     |     |     |     | *   | *   |     | 1   | 1   |     |     | *   |     |     | *   | *   |     |     |     |     |     |     |     |     |     |    |
| Au      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 4   | 6   | 4   | 45  | 75  | 75  | 40 |
| Lm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sg      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Mp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sst     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sr      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Rv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Cv      |     |     |     |     |     |     |     |     |     |     |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Ep      |     | *   | *   |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| P       |     | *   | *   | 1   | 1   | *   | *   | 1   | *   |     | 1   | 1   | *   | *   |     | 1   | *   | *   |     |     |     |     |     |     |     |    |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Hve     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Tot     | 0   | 3   | 6   | 2   | 2   | 7   | 3   | 3   | 1   | 0   | 2   | 5   | 16  | 25  | 4   | 8   | 8   | 4   | 4   | 6   | 9   | 51  | 76  | 81  | 46  |    |
| BS      | 100 | 96  | 92  | 98  | 98  | 93  | 97  | 97  | 99  | 100 | 98  | 92  | 75  | 55  | 88  | 87  | 77  | 93  | 92  | 88  | 81  | 45  | 20  | 5   | 50  |    |
| (L)     |     |     | 2   |     |     |     |     |     |     |     |     | 3   | 10  | 20  | 8   | 5   | 15  | 3   | 4   | 6   | 10  | 5   | 10  | 15  | 5   |    |

## Transect C, continued

| Meter # | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |    |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Ab      | 4   | 3   | *   | 4   | 6   |     |     |     |     |     |     |     |     |     |     |     | *   |     |     | 1   | 1   | *   | 4   | 3   | 1   |    |
| Ce      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| As      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Laj     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sse     |     |     |     |     |     | 1   | 3   | 35  |     |     |     |     |     |     |     |     |     |     |     | 5   |     |     |     |     |     |    |
| Pm      | 2   | 2   | 3   |     | 1   | 2   |     |     |     | 3   | 2   | 5   | 26  | 35  | 50  | 33  | 25  | 22  | 1   |     |     | 3   | 1   |     |     |    |
| Ht      | 1   | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   |     |     |     |     |     |     |    |
| Par     | 2   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 5   | 60  | 90  | 65  | 60  | 65  | 85 |
| Au      | 3   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     |     |     |     |     |     |     |     |    |
| Lm      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sg      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Mp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sst     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Sr      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Rv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| XCv     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Ep      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| P       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2   |     | 1   | 2   |    |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Hve     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| Aaa     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2   |     |     |     |     |    |
| Tot     | 12  | 5   | 3   | 4   | 7   | 3   | 3   | 35  | 0   | 3   | 2   | 5   | 26  | 35  | 50  | 33  | 26  | 22  | 6   | 68  | 93  | 68  | 62  | 69  | 88  |    |
| BS      | 85  | 90  | 91  | 94  | 90  | 77  | 65  | 55  | 75  | 95  | 97  | 92  | 60  | 50  | 35  | 50  | 50  | 68  | 90  | 30  | 5   | 30  | 35  | 25  | 10  |    |
| (L)     | 5   | 5   | 6   | 2   | 3   | 20  | 35  | 10  | 25  | 2   | 1   | 3   | 15  | 15  | 15  | 20  | 25  | 10  | 5   | 5   | 2   | 5   | 5   | 7   | 2   |    |

**Transect C, continued**

| Meter # | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ab      | 1   | *   | *   | 1   | 1   | 2   | 2   | 4   | *   |     | *   | *   |     |     |     |     |     |     |     |     |
| Ce      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| As      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Laj     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sse     |     |     |     |     |     |     |     |     |     |     |     |     | 3   |     |     |     | 2   | 25  | 18  | 2   |
| Pm      | 3   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ht      | 8   |     | 12  | 18  | 20  | 5   | 2   | 10  | 35  | 6   |     |     |     |     |     |     |     |     |     |     |
| Par     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Au      | 85  | 80  |     |     | 3   | 10  | 7   |     |     | 4   | 85  | 75  | 60  | 35  | 40  | 40  | 65  | 45  | 12  | 35  |
| Lm      |     | *   | 2   | 4   |     |     | 4   |     |     |     |     |     |     |     |     |     |     | 1   | 3   | 1   |
| Sg      |     |     |     |     |     |     |     |     |     |     | *   | 2   | 4   | 18  | 7   | 3   | 4   | 4   | 15  | 3   |
| Mp      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sst     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sr      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rv      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Cv      |     |     | *   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ep      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| P       |     | 4   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ch      |     |     |     |     |     |     |     |     |     |     |     |     | 5   | 25  | 3   | *   | 2   |     |     | 1   |
| Rco     |     |     |     |     |     |     |     |     |     |     |     |     |     | *   |     |     |     |     | 2   | 2   |
| Hve     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     |
| Aaa     | 2   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     |
| An      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Tot     | 99  | 80  | 14  | 23  | 24  | 17  | 15  | 14  | 35  | 10  | 85  | 75  | 73  | 86  | 49  | 96  | 69  | 71  | 41  | 1   |
| BS      | 5   | 20  | 81  | 70  | 40  | 80  | 81  | 80  | 30  | 70  | 15  | 25  | 30  | 6   | 5   | 15  | 20  | 25  | 25  | 40  |
| (L)     |     |     | 5   | 7   | 40  | 5   | 4   | 6   | 35  | 20  |     | 1   | 2   | 45  | 45  | 15  | 10  | 5   | 25  | 20  |

Tree Density (stems/100 m<sup>2</sup>)

| Species                       | Plot numbers |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|-------------------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                               | 1            | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |  |
| <i>Ilex opaca</i>             | 11           | 19 | 16 | 12 | 7  | 4  | 3  | 14 | 4  | 5  | 2  | 10 | 11 |    |    | 1  | 10 |  |
| <i>Sassafras albidum</i>      | 1            |    | 6  | 7  | 6  | 3  | 1  | 1  | 3  | 1  | 2  | 5  | 1  | 5  | 5  | 2  | 4  |  |
| <i>Amelanchier canadensis</i> | 3            |    | 23 | 8  | 1  |    | 10 | 7  |    |    | 5  | 3  |    | 4  | 9  | 23 | 9  |  |
| <i>Nyssa sylvatica</i>        |              | 7  |    |    |    |    |    | 1  |    |    |    | 4  |    | 3  |    |    |    |  |
| <i>Quercus velutina</i>       |              |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |  |
| <i>Q. Stellata</i>            | 2            |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |  |
| <i>Vaccinium corymbosum</i>   | 11           |    |    | 2  | 2  | 1  | 1  |    |    | 2  |    | 14 | 6  | 3  | 3  | 10 |    |  |
| <i>Juniperus virginiana</i>   |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Pinus rigida</i>           |              |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Prunus serotina</i>        | 2            |    |    |    |    | 3  |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Rhus copallina</i>         |              |    |    |    |    |    |    |    | 5  |    | 2  |    |    |    | 1  |    |    |  |
| <i>Pyrus arbutifolia</i>      | 1            |    |    |    |    |    |    |    |    |    | 3  | 3  | 2  | 1  |    |    |    |  |
| <i>Rhododendron viscosum</i>  |              |    |    |    | 1  |    |    |    |    |    |    | 3  |    |    |    |    |    |  |
| <i>Baccharis halimifolia</i>  |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Rhus radicans</i>          |              |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Ilex glabra</i>            |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Rhus vernix</i>            |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| <i>Quercus coccinea</i>       |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Total                         | 31           | 26 | 45 | 30 | 17 | 12 | 15 | 23 | 12 | 10 | 14 | 42 | 20 | 16 | 18 | 42 | 23 |  |



Tree Density (stems/100 m<sup>2</sup>)

| Species                       | Plot numbers |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               | 19           | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| <i>Ilex opaca</i>             | 26           | 1  |    | 12 | 8  | 12 |    | 1  |    | 2  | 3  |    | 7  |    |    | 2  | 9  |
| <i>Sassafras albidum</i>      | 1            | 3  | 6  | 1  | 5  | 6  | 2  | 6  | 3  | 2  |    | 5  | 1  | 1  |    | 2  | 4  |
| <i>Amelanchier canadensis</i> | 12           | 12 | 15 | 18 | 17 | 20 | 6  | 12 | 20 | 9  |    | 9  | 19 | 1  |    |    | 1  |
| <i>Nyssa sylvatica</i>        |              | 5  | 1  |    |    |    |    |    |    | 4  | 1  |    |    |    | 1  |    |    |
| <i>Quercus velutina</i>       |              |    |    |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |
| <i>Q. stellata</i>            |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Vaccinium corymbosum</i>   | 4            |    | 3  | 16 |    |    |    | 3  | 1  | 7  | 5  | 18 | 4  |    | 13 | 6  |    |
| <i>Juniperus virginia</i>     |              |    |    |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |
| <i>Pinus rigida</i>           |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Prunus serotina</i>        | 1            |    | 1  |    |    | 1  |    |    |    |    | 2  |    |    |    |    |    |    |
| <i>Rhus copallina</i>         | 1            |    |    |    | 1  |    |    |    | 1  |    |    |    |    | 2  |    |    |    |
| <i>Pyrus arbutifolia</i>      |              | 1  | 1  |    |    | 1  |    |    |    |    |    |    |    |    |    | 2  |    |
| <i>Rhododendron viscosum</i>  |              |    |    | 1  |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| <i>Baccharis halimifolia</i>  |              |    |    |    |    |    |    |    |    | 7  |    |    |    |    |    |    |    |
| <i>Rhus radicans</i>          |              |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Ilex glabra</i>            |              |    |    | 3  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <i>Rhus vernix</i>            |              |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  |    |    |
| <i>Quercus coccinea</i>       |              |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| Total                         | 45           | 22 | 27 | 51 | 32 | 41 | 9  | 22 | 25 | 27 | 18 | 32 | 31 | 4  | 19 | 10 | 14 |

Tree Basal Area (cm<sup>2</sup>/100 m<sup>2</sup>)

| Species                       | Plot numbers |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------|--------------|------|------|------|------|------|------|------|------|------|------|------|
|                               | 1            | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 12   | 13   |
| <i>Ilex opaca</i>             | 2024         | 1997 | 1745 | 984  | 902  | 569  | 545  | 2249 | 1078 | 1295 | 706  | 1068 |
| <i>Sassafras albidum</i>      | 460          |      | 523  | 1011 | 1460 | 52   | 483  | 163  | 74   | 445  | 601  | 1683 |
| <i>Amelanchier canadensis</i> | 63           |      | 1112 | 951  | 129  |      | 503  | 983  |      |      | 224  | 288  |
| <i>Nyssa sylvatica</i>        |              | 1889 |      |      |      |      |      | 196  |      |      |      | 69   |
| <i>Quercus velutina</i>       |              |      |      |      |      |      |      |      |      | 1372 |      |      |
| <i>Q. stellata</i>            | 1277         |      |      |      |      |      |      |      |      | 968  |      |      |
| <i>Vaccinium corymbosum</i>   | 155          |      |      | 16   | 18   | 7    | 17   |      |      | 21   |      | 169  |
| <i>Juniperus virginiana</i>   |              |      |      |      |      |      |      |      |      |      |      |      |
| <i>Pinus rigida</i>           |              |      |      |      |      | 452  |      |      |      |      |      |      |
| <i>Prunus serotina</i>        | 34           |      |      |      |      | 222  |      |      |      |      |      |      |
| <i>Rhus copallina</i>         |              |      |      |      |      |      |      |      | 199  |      | 16   |      |
| <i>Pyrus arbutifolia</i>      | 9            |      |      |      |      |      |      |      |      |      | 35   | 36   |
| <i>Rhododendron viscosum</i>  |              |      |      |      | 10   |      |      |      |      |      |      | 26   |
| <i>Baccharis halimifolia</i>  |              |      |      |      |      |      |      |      |      |      |      |      |
| <i>Rhus radicans</i>          |              |      |      | 35   |      |      |      |      |      |      |      |      |
| <i>Ilex glabra</i>            |              |      |      |      |      |      |      |      |      |      |      |      |
| <i>Rhus vernix</i>            |              |      |      |      |      |      |      |      |      |      |      |      |
| <i>Quercus coccinea</i>       |              |      |      |      |      |      |      |      |      |      |      |      |
| Total                         | 4022         | 3886 | 3380 | 2997 | 2519 | 1302 | 1548 | 3591 | 1351 | 4101 | 1602 | 3339 |

**Tree Basal Area (cm<sup>2</sup>/100 m<sup>2</sup>)**

| Species                       | Plot numbers |     |      |     |      |      |      |      |      |      |      |  |
|-------------------------------|--------------|-----|------|-----|------|------|------|------|------|------|------|--|
|                               | 14           | 15  | 16   | 17  | 18   | 19   | 20   | 21   | 22   | 23   | 24   |  |
| <i>Ilex opaca</i>             | 2004         |     |      | 123 | 2040 | 2030 | 28   |      | 1122 | 749  | 1670 |  |
| <i>Sassafras albidum</i>      | 68           | 117 | 1397 | 101 | 112  | 22   | 441  | 772  | 75   | 334  | 676  |  |
| <i>Amelanchier canadensis</i> |              | 78  | 285  | 540 | 980  | 749  | 448  | 290  | 1056 | 1085 | 1388 |  |
| <i>Nyssa sylvatica</i>        |              | 606 |      |     |      |      | 845  | 227  |      |      |      |  |
| <i>Quercus velutina</i>       |              |     |      |     |      |      |      |      |      |      | 97   |  |
| <i>Q. stellata</i>            |              |     |      |     |      |      |      |      |      |      |      |  |
| <i>Vaccinium corymbosum</i>   | 57           | 31  | 37   | 107 |      | 64   |      | 22   | 201  |      |      |  |
| <i>Juniperus virginiana</i>   |              |     |      |     |      |      |      |      |      |      |      |  |
| <i>Pinus rigida</i>           |              |     |      |     |      |      |      |      |      |      |      |  |
| <i>Prunus serotina</i>        |              |     |      |     |      | 50   |      | 33   |      |      | 8    |  |
| <i>Rhus copallina</i>         |              |     | 35   |     |      | 14   |      |      |      | 36   |      |  |
| <i>Pyrus arbutifolia</i>      | 18           | 9   |      |     |      |      | 9    | 7    |      |      | 14   |  |
| <i>Rhododendron viscosum</i>  |              |     |      | 50  |      |      |      |      | 11   |      |      |  |
| <i>Baccharis halimifolia</i>  |              |     |      |     |      |      |      |      |      |      |      |  |
| <i>Rhus radicans</i>          |              |     |      |     |      |      |      |      |      | 11   |      |  |
| <i>Ilex glabra</i>            |              |     |      |     |      |      |      |      | 23   |      |      |  |
| <i>Rhus vernix</i>            |              |     |      |     |      |      |      |      |      |      |      |  |
| <i>Quercus coccinea</i>       |              |     |      |     |      |      |      |      |      |      |      |  |
| Total                         | 2147         | 841 | 1754 | 921 | 3132 | 2929 | 1771 | 1351 | 2488 | 2215 | 3853 |  |

Tree Basal Area (cm<sup>2</sup>/100 m<sup>2</sup>)

| Species                       | Plot numbers |      |      |      |     |     |      |     |     |      |      |  |
|-------------------------------|--------------|------|------|------|-----|-----|------|-----|-----|------|------|--|
|                               | 25           | 26   | 27   | 28   | 29  | 30  | 31   | 32  | 33  | 34   | 35   |  |
| <i>Ilex opaca</i>             |              | 186  |      | 56   | 179 |     | 676  |     |     | 1024 | 2647 |  |
| <i>Sassafras albidum</i>      | 149          | 528  | 829  | 297  |     | 154 | 219  | 366 |     | 2197 | 1688 |  |
| <i>Amelanchier canadensis</i> | 152          | 934  | 531  | 244  |     | 165 | 1569 | 13  |     |      | 17   |  |
| <i>Nyssa sylvatica</i>        |              |      |      | 882  | 72  |     |      |     | 181 |      |      |  |
| <i>Quercus velutina</i>       | 2359         |      |      |      |     |     |      |     |     |      |      |  |
| <i>Q. stellata</i>            |              |      |      |      |     |     |      |     |     |      |      |  |
| <i>Vaccinium corymbosum</i>   |              | 39   | 12   | 66   | 84  | 239 | 72   |     | 146 | 109  |      |  |
| <i>Juniperus virginiana</i>   |              |      |      | 459  |     |     |      |     |     |      |      |  |
| <i>Pinus rigida</i>           |              |      |      |      |     |     |      |     |     |      |      |  |
| <i>Prunus serotina</i>        |              |      |      |      | 38  |     |      |     |     |      |      |  |
| <i>Rhus copallina</i>         |              |      | 8    |      |     |     |      | 28  |     |      |      |  |
| <i>Pyrus arbutifolia</i>      |              |      |      |      |     |     |      |     |     | 15   |      |  |
| <i>Rhododendron viscosum</i>  |              |      |      |      |     |     |      |     |     | 12   |      |  |
| <i>Baccharis halimifolia</i>  |              |      |      |      | 77  |     |      |     |     |      |      |  |
| <i>Rhus radicans</i>          |              |      |      |      |     |     |      |     |     |      |      |  |
| <i>Ilex glabra</i>            |              |      |      |      |     |     |      |     |     |      |      |  |
| <i>Rhus vernix</i>            |              |      |      |      |     |     |      |     | 22  |      |      |  |
| <i>Quercus coccinea</i>       |              |      |      | 13   |     |     |      |     |     |      |      |  |
| Total                         | 2600         | 1687 | 1380 | 2017 | 450 | 558 | 2536 | 407 | 375 | 3330 | 4352 |  |

**Shrub Basal Area (cm<sup>2</sup>/100 m<sup>2</sup>)**

| Species                       | Plot numbers |     |    |    |   |    |     |   |   |    |    |    |
|-------------------------------|--------------|-----|----|----|---|----|-----|---|---|----|----|----|
|                               | 1            | 2   | 3  | 4  | 5 | 6  | 7   | 8 | 9 | 10 | 12 |    |
| <i>Vaccinium corymbosum</i>   | 348          | 44  |    | 56 |   |    | 296 |   |   | 16 |    |    |
| <i>Amelanchier canadensis</i> |              |     | 32 |    |   |    |     |   |   |    |    | 16 |
| <i>Pyrus arbutifolia</i>      |              |     |    |    |   |    |     |   |   |    |    | 76 |
| <i>Rhododendron viscosum</i>  |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Baccharis halimifolia</i>  |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Ilex glabra</i>            |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Ilex opaca</i>             |              | 408 | 12 |    |   |    |     |   |   |    |    |    |
| <i>Rhus radicans</i>          | 20           |     |    |    |   |    |     |   |   |    |    |    |
| <i>Gaylussacia baccata</i>    |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Rhus copallina</i>         |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Sassafras albidum</i>      |              |     |    |    |   | 88 |     |   |   |    |    |    |
| <i>Rosa rugosa</i>            |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Sambucus canadensis</i>    |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Nyssa sylvatica</i>        |              | 16  |    |    |   |    |     |   |   |    |    |    |
| <i>Viburnum dentatum</i>      |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Rhus vernix</i>            |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Pteridium aquillinum</i>   |              |     |    |    |   |    |     |   |   |    |    | 4  |
| <i>Prunus serotina</i>        |              |     |    |    |   |    |     |   |   |    |    |    |
| <i>Rubus</i> sp.              |              |     |    |    |   |    |     |   |   |    |    |    |
| Total                         | 368          | 468 | 44 | 56 |   | 88 | 296 |   |   | 16 |    | 96 |

Shrub Basal Area (cm<sup>2</sup>/100 m<sup>2</sup>)

| Species                       | Plot numbers |     |     |     |      |      |     |     |     |      |     |    |
|-------------------------------|--------------|-----|-----|-----|------|------|-----|-----|-----|------|-----|----|
|                               | 13           | 14  | 15  | 16  | 17   | 18   | 19  | 20  | 21  | 22   | 23  | 24 |
| <i>Vaccinium corymbosum</i>   | 588          | 72  | 64  | 512 | 1256 | 1628 | 252 | 4   | 64  |      |     | 52 |
| <i>Amelanchier canadensis</i> | 60           |     |     | 222 | 1124 |      | 12  | 48  | 20  |      |     |    |
| <i>Pyrus arbutifolia</i>      | 68           | 68  | 128 | 80  | 544  |      |     | 176 |     | 252  |     |    |
| <i>Rhododendron viscosum</i>  |              |     |     |     | 308  |      |     |     |     |      |     |    |
| <i>Baccharis halimifolia</i>  |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Ilex glabra</i>            |              |     |     | 10  |      | 48   |     | 36  | 24  | 556  |     |    |
| <i>I. opaca</i>               |              |     |     |     |      |      | 76  |     |     |      |     |    |
| <i>Rhus radicans</i>          |              | 36  | 52  |     |      | 4    |     |     | 4   | 76   | 3   | 12 |
| <i>Gaylussacia baccata</i>    |              |     |     |     |      |      |     |     |     | 132  | 28  | 8  |
| <i>Rhus copallina</i>         |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Sassafras albidum</i>      |              |     |     |     |      |      |     |     |     |      | 92  |    |
| <i>Rosa rugosa</i>            |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Sambucus canadensis</i>    |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Nyssa sylvatica</i>        | 44           |     | 2   |     |      |      |     | 2   |     |      |     |    |
| <i>Viburnum dentatum</i>      |              |     |     |     |      | 54   |     |     |     |      |     |    |
| <i>Rhus vernix</i>            |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Pteridium aquilinum</i>    |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Prunus serotina</i>        |              |     |     |     |      |      |     |     |     |      |     |    |
| <i>Rubus</i> sp.              |              |     |     |     |      |      |     |     |     |      |     |    |
| Total                         | 760          | 176 | 246 | 824 | 3232 | 1734 | 340 | 266 | 112 | 1016 | 123 | 72 |

Shrub Basal Area (cm<sup>2</sup>/100 m<sup>2</sup>)

| Species                       | Plot numbers |    |     |     |      |     |      |     |      |    |    |  |
|-------------------------------|--------------|----|-----|-----|------|-----|------|-----|------|----|----|--|
|                               | 25           | 26 | 27  | 28  | 29   | 30  | 31   | 32  | 33   | 34 | 35 |  |
| <i>Vaccinium corymbosum</i>   | 220          | 20 | 200 | 128 |      | 228 | 572  |     | 824  | 68 |    |  |
| <i>Amelanchier canadensis</i> | 104          | 40 | 481 |     |      | 228 | 420  |     | 64   |    |    |  |
| <i>Pyrus arbutifolia</i>      |              |    | 8   | 100 |      | 76  |      |     | 48   |    |    |  |
| <i>Rhododendron viscosum</i>  |              |    |     |     |      |     |      |     | 972  |    |    |  |
| <i>Baccharis halimifolia</i>  |              |    |     |     | 872  |     |      |     |      |    |    |  |
| <i>Ilex glabra</i>            | 32           |    |     |     |      | 4   |      |     |      |    |    |  |
| <i>I. opaca</i>               |              |    |     |     |      |     |      |     |      |    | 76 |  |
| <i>Rhus radicans</i>          | 56           |    | 12  |     | 68   | 4   |      | 76  |      |    |    |  |
| <i>Gaylussacia baccata</i>    |              |    | 20  | 80  |      |     | 88   |     |      |    |    |  |
| <i>Rhus copallina</i>         |              |    |     |     |      |     |      | 348 |      |    |    |  |
| <i>Sassafras albidum</i>      |              | 20 |     |     |      |     | 32   | 3   |      |    |    |  |
| <i>Rosa rugosa</i>            |              |    |     |     | 32   |     | 84   | 24  |      |    |    |  |
| <i>Sambucus canadensis</i>    |              |    |     |     | 68   |     |      |     |      |    |    |  |
| <i>Nyssa sylvatica</i>        |              |    |     |     |      |     |      |     |      |    |    |  |
| <i>Viburnum dentatum</i>      |              |    |     |     |      |     |      |     |      |    |    |  |
| <i>Rhus vernix</i>            |              |    |     |     |      |     |      |     | 22   |    |    |  |
| <i>Pteridium aquillinum</i>   |              |    |     |     |      |     |      | 22  |      |    |    |  |
| <i>Prunus serotina</i>        |              |    |     |     |      |     |      |     |      |    |    |  |
| <i>Rubus</i> sp.              |              |    |     |     |      |     |      |     |      | 1  |    |  |
| Total                         | 412          | 80 | 721 | 308 | 1040 | 540 | 1196 | 473 | 1930 | 69 | 76 |  |

Shrub Density (stems/100 m<sup>2</sup>)

| Species                       | Plot numbers |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
|-------------------------------|--------------|----|---|---|---|----|----|---|---|----|----|----|----|-----|-----|-----|-----|--|
|                               | 1            | 2  | 3 | 4 | 5 | 6  | 7  | 8 | 9 | 10 | 12 | 13 | 14 | 15  | 16  | 17  | 18  |  |
| <i>Vaccinium corymbosum</i>   | 28           | 4  |   | 4 |   |    | 20 |   |   | 4  |    | 68 | 24 | 12  | 80  | 144 | 152 |  |
| <i>Amelanchier canadensis</i> |              |    | 4 |   |   |    |    |   |   |    | 4  | 4  |    |     | 24  | 120 |     |  |
| <i>Pyrus arbutifolia</i>      |              |    |   |   |   |    |    |   |   |    | 16 | 8  | 12 | 20  | 32  | 144 |     |  |
| <i>Rhododendron viscosum</i>  |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     | 120 |     |  |
| <i>Baccharis halimifolia</i>  |              |    |   |   |   |    |    |   |   |    |    |    |    |     | 24  |     | 20  |  |
| <i>Ilex glabra</i>            |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>I. opaca</i>               |              | 4  | 4 |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Rhus radicans</i>          | 20           |    |   |   |   |    |    |   |   |    |    |    | 4  | 84  |     |     | 8   |  |
| <i>Gaylussacia baccata</i>    |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Rhus copallina</i>         |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Sassafras albidum</i>      |              |    |   |   |   | 12 |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Rosa rugosa</i>            |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Sambucus canadensis</i>    |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Nyssa sylvatica</i>        |              | 20 |   |   |   |    |    |   |   |    |    | 8  |    | 4   |     |     |     |  |
| <i>Viburnum dentatum</i>      |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     | 16  |  |
| <i>Rhus vernix</i>            |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Pteridium aquilinum</i>    |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| <i>Prunus serotina</i>        |              |    |   |   |   |    |    |   |   |    | 4  |    |    |     |     |     |     |  |
| <i>Rubus</i> sp.              |              |    |   |   |   |    |    |   |   |    |    |    |    |     |     |     |     |  |
| Total                         | 48           | 28 | 8 | 4 |   | 12 | 20 |   |   | 4  | 24 | 88 | 40 | 120 | 160 | 528 | 196 |  |



**Shrub Density** (stems/100 m<sup>2</sup>)

| Species                       | Plot numbers |    |    |     |    |    |    |    |     |     |     |     |     |     |     |    |    |
|-------------------------------|--------------|----|----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|
|                               | 19           | 20 | 21 | 22  | 23 | 24 | 25 | 26 | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34 | 35 |
| <i>Vaccinium corymbosum</i>   | 40           | 4  | 24 |     |    | 24 | 24 | 4  | 16  | 16  |     | 92  | 88  |     | 288 | 20 |    |
| <i>Amelanchier canadensis</i> | 8            | 4  | 4  |     |    |    | 8  | 8  | 40  |     |     | 16  | 48  |     | 16  |    |    |
| <i>Pyrus arbutifolia</i>      |              | 32 |    | 60  |    |    |    |    | 4   | 36  |     | 8   |     |     | 8   |    |    |
| <i>Rhododendron viscosum</i>  |              |    |    |     |    |    |    |    |     |     |     |     |     |     | 244 |    |    |
| <i>Baccharis halimifolia</i>  |              |    |    |     |    |    |    |    |     |     | 20  |     |     |     |     |    |    |
| <i>Ilex glabra</i>            |              | 16 | 8  | 168 |    |    | 8  |    |     |     |     | 8   |     |     |     |    |    |
| <i>I. opaca</i>               | 12           |    |    |     |    |    |    |    |     |     |     |     |     |     |     |    | 16 |
| <i>Rhus radicans</i>          |              |    | 12 | 48  | 4  | 4  | 48 |    | 3   |     | 64  | 12  |     | 64  |     |    |    |
| <i>Gaylussacia baccata</i>    |              |    |    | 48  | 24 | 8  |    |    | 28  | 68  |     |     | 64  |     |     |    |    |
| <i>Rhus copallina</i>         |              |    |    |     |    |    |    |    |     |     |     |     |     |     | 64  |    |    |
| <i>Sassafras albidum</i>      |              |    |    |     | 8  |    |    | 4  |     |     |     |     | 8   | 8   |     |    |    |
| <i>Rosa rugosa</i>            |              |    |    |     |    |    |    |    |     |     | 20  |     | 136 | 32  |     |    |    |
| <i>Sambucus canadensis</i>    |              |    |    |     |    |    |    |    |     |     | 24  |     |     |     |     |    |    |
| <i>Nyssa sylvatica</i>        |              | 4  |    |     |    |    |    |    |     |     |     |     |     |     |     |    |    |
| <i>Viburnum dentatum</i>      |              |    |    |     |    |    |    |    |     |     |     |     |     |     |     |    |    |
| <i>Rhus vernix</i>            |              |    |    |     |    |    |    |    |     |     |     |     |     |     | 8   |    |    |
| <i>Pteridium aquillinum</i>   |              |    |    |     |    |    |    |    |     |     |     |     |     | 72  |     |    |    |
| <i>Prunus serotina</i>        |              |    |    |     |    |    |    |    |     |     |     |     |     |     |     |    |    |
| <i>Rubus</i> sp.              |              |    |    |     |    |    |    |    |     |     |     |     |     |     |     | 4  |    |
| Total                         | 60           | 60 | 48 | 324 | 36 | 36 | 88 | 16 | 100 | 120 | 128 | 132 | 344 | 240 | 544 | 24 | 16 |

**Sunken Forest Herbaceous Layer**  
per cent cover

| Plot #               | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Acs                  |       |       | 5.00  | *     |       |       | 0.25  | 3.50  |       |       |
| An                   |       | 26.25 |       | 5.00  | 15.25 | 5.75  | 1.25  |       | 6.25  | 27.50 |
| Bh                   |       |       |       |       |       |       |       |       |       |       |
| Cse                  |       |       |       |       |       |       |       |       |       |       |
| Dys                  |       |       |       |       |       |       |       |       |       |       |
| Gp                   |       |       |       |       |       |       |       |       |       |       |
| Gb                   |       |       |       |       |       |       |       |       |       |       |
| Huv                  |       |       |       |       |       |       |       |       |       |       |
| Ig                   |       |       |       |       |       |       |       |       |       |       |
| Io                   |       |       |       |       |       |       |       |       |       | 20.00 |
| Mc                   |       | 17.50 |       | 0.50  | 1.25  | 4.50  | 2.25  | 2.00  | 2.50  |       |
| Mp                   |       |       |       |       |       |       |       |       |       |       |
| Ns                   |       | 12.50 |       |       | 2.25  |       |       | 2.75  | *     |       |
| Or                   |       |       |       |       |       |       |       |       |       |       |
| Pq                   | 2.00  | 3.75  | 3.75  | 9.25  | 0.50  | 2.00  | 7.00  | 2.25  | 2.25  |       |
| Pc                   |       |       |       |       |       |       |       |       |       |       |
| Ppu                  |       |       |       |       |       |       |       |       |       |       |
| Ps                   |       | *     | 1.00  | *     | *     |       |       | 1.50  |       |       |
| Paq                  |       |       |       |       |       |       | 5.50  |       |       |       |
| Py                   |       |       |       |       |       |       |       |       |       |       |
| Qv                   |       |       |       |       |       |       |       |       |       |       |
| Rv                   |       |       |       |       | 1.00  |       |       |       |       |       |
| Rco                  | 1.50  |       |       |       |       |       | 1.25  | 1.50  |       |       |
| Rr                   | 5.50  | 0.25  | 2.50  | 11.00 |       |       | 8.00  |       | 2.50  | 0.75  |
| Ror                  |       |       | 1.00  |       |       | 1.50  |       |       |       |       |
| R                    |       |       |       |       |       |       |       |       |       |       |
| Sas                  |       | 0.75  | 5.75  | 5.75  | 2.00  | 0.25  | 2.00  | 0.75  | 1.25  | 1.75  |
| Sst                  | 0.25  | 0.75  | 0.50  | 0.25  | 2.75  | 1.00  |       | 13.00 | 2.75  |       |
| Sse                  |       |       |       |       |       |       |       |       |       |       |
| Tc                   |       |       |       |       |       |       |       |       |       |       |
| Tb                   |       |       |       |       |       |       |       |       |       |       |
| Vc                   | 0.25  |       | 20.00 | 0.50  | 0.5   |       |       |       |       |       |
| Vm                   |       |       |       |       |       |       | 18.75 |       |       |       |
| V                    |       |       |       |       |       |       |       |       |       |       |
| Xe                   |       |       |       |       |       |       |       |       |       |       |
| Total                | 9.50  | 61.75 | 39.50 | 32.25 | 25.50 | 15.00 | 45.50 | 27.25 | 17.50 | 50.00 |
| Stems/m <sup>2</sup> |       |       |       |       |       |       |       |       |       |       |
| Sq                   |       |       | 0.5   |       |       |       |       | 0.50  |       |       |
| Sr                   | 11.75 | 0.25  | 1.25  | 8.75  | 8.00  | 6.25  | 4.50  | 4.00  | 5.00  | 3.00  |

**Sunken Forest Herbaceous Layer**  
per cent cover

| Plot #               | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Acs                  | 0.50  |       |       |       |       |       | 0.25  | 1.50  | 0.75  |
| An                   | 37.50 | 1.50  | 13.75 |       | 3.75  |       | 28.25 | 7.50  |       |
| Bh                   |       |       |       |       |       | 3.50  |       |       |       |
| Cse                  |       |       |       |       |       |       |       |       |       |
| Dys                  |       | 0.50  |       |       |       |       |       |       |       |
| Gp                   |       |       |       |       |       |       |       |       |       |
| Gb                   |       |       |       | 6.00  | 17.50 | 8.75  |       |       |       |
| Huv                  |       |       |       |       |       |       |       |       | 1.50  |
| Ig                   |       | 0.25  | 0.25  |       |       |       | 1.00  |       | 18.00 |
| Io                   |       |       |       |       |       |       |       |       |       |
| Mc                   | 0.75  | 0.50  |       |       | 0.50  |       | 2.25  |       |       |
| Mp                   |       |       |       |       |       | 0.50  |       | 0.50  |       |
| Ns                   |       | 1.75  |       | 0.25  |       | 0.25  |       |       | 4.50  |
| Or                   |       |       |       | 3.75  |       |       |       |       |       |
| Pq                   | 1.25  |       | 0.25  | 0.50  | 5.75  | 1.00  | 1.50  | 0.75  | *     |
| Pc                   |       |       |       |       |       |       |       |       |       |
| Ppu                  |       |       |       | 0.75  |       |       |       |       |       |
| Ps                   |       |       |       |       |       |       |       |       | *     |
| Paq                  |       |       |       |       |       |       |       | 1.50  | 1.00  |
| Pya                  | 0.50  | 1.00  | 6.25  | 1.25  |       |       |       |       | 2.25  |
| Qv                   |       |       |       |       |       |       |       |       |       |
| Rv                   |       |       |       |       |       | 1.50  |       |       |       |
| Rco                  |       |       | 3.00  |       |       |       |       |       |       |
| Rr                   | 1.75  | 7.50  | 41.25 | 25.25 | 28.00 | 13.75 | 4.25  | 5.75  | 1.50  |
| Ror                  |       |       |       |       |       |       |       |       |       |
| R                    |       | 0.25  |       |       |       |       |       |       |       |
| Sas                  | 1.50  |       | 1.50  |       |       |       | 3.00  | 1.50  |       |
| Sst                  |       |       | 0.25  |       |       |       | 2.00  | 0.75  |       |
| Sse                  |       |       |       |       |       | 3.75  |       |       |       |
| Tc                   |       |       |       |       |       |       |       |       |       |
| Tb                   |       | 1.50  |       |       |       |       |       |       | 1.50  |
| Vc                   |       | 7.50  |       | 3.00  | 0.25  | 5.50  |       |       | 1.75  |
| Vm                   |       |       |       |       |       |       |       |       |       |
| V                    |       |       |       |       |       |       |       |       |       |
| Xe                   |       |       |       |       |       |       |       |       |       |
| Total                | 56.25 | 22.00 | 66.50 | 40.75 | 55.75 | 38.50 | 42.50 | 19.75 | 32.75 |
| Stems/m <sup>2</sup> |       |       |       |       |       |       |       |       |       |
| Sq                   | 0.50  |       |       |       |       |       | 0.25  |       | 0.50  |
| Sr                   | 1.25  | 1.50  | 1.25  |       | 3.75  | 1.75  | 7.75  | 0.25  | 0.50  |

**Sunken Forest Herbaceous Layer**  
per cent cover

| Plot #               | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Acs                  | 1.00  | 2.00  |       | 3.75  |       |       | *     |       | 1.50  | 1.00  |
| An                   | 1.00  | 1.00  |       | 9.75  | 3.00  | 9.00  |       |       |       |       |
| Bh                   |       |       |       |       |       |       |       | 1.75  |       |       |
| Cse                  |       |       |       |       |       |       |       |       | 0.25  |       |
| Dys                  |       |       |       |       |       |       |       |       |       |       |
| Gp                   | 0.50  |       |       |       |       |       |       |       |       |       |
| Gb                   |       | 0.75  | 38.25 | 2.00  | 15.50 |       | 8.00  | 23.75 |       | 23.75 |
| Hyv                  |       |       |       |       |       |       |       |       |       |       |
| Ig                   |       | 23.75 |       |       |       |       |       |       |       | 0.50  |
| Io                   |       |       |       |       |       |       |       |       |       |       |
| Mc                   |       |       |       |       |       |       |       |       |       |       |
| Mp                   |       |       |       |       |       |       |       |       |       |       |
| Ns                   | 0.50  |       |       |       |       |       |       | 3.00  |       |       |
| Or                   |       |       |       |       |       |       |       |       |       |       |
| Pq                   | 1.00  | 2.00  | 7.25  | 1.50  | 12.50 | 5.50  | 4.75  |       | 4.50  | 4.50  |
| Pc                   |       |       |       |       |       |       |       |       | 6.25  |       |
| Ppu                  |       |       |       |       |       |       |       |       |       |       |
| Ps                   |       |       |       | *     |       |       |       |       | 1.25  |       |
| Paq                  | 5.75  | 3.75  | 0.75  |       |       |       | 3.75  |       |       | 1.25  |
| Pya                  | 0.75  | 2.75  |       |       |       |       |       |       |       | 0.50  |
| Qv                   |       |       |       |       |       |       |       |       |       |       |
| Rv                   |       |       |       |       |       |       |       |       |       |       |
| Rco                  |       |       |       |       |       |       | 6.25  | 1.25  | 2.50  |       |
| Rr                   | 20.75 | 6.00  | 6.25  | 2.25  | 41.75 | 1.75  | 21.25 | 7.25  | 21.75 | 4.75  |
| Ror                  |       |       |       |       | 1.00  |       | 3.75  | 23.75 |       |       |
| R                    |       |       |       |       |       |       |       |       |       |       |
| Sas                  | 0.50  | 1.50  | 1.00  | 0.50  |       | 1.00  | 1.75  | 1.50  | 3.00  | 0.75  |
| Sst                  | 0.75  |       |       | 0.25  | 1.25  | 0.50  | *     |       | 8.25  |       |
| Sse                  |       |       |       |       |       |       |       | 0.75  |       |       |
| Tc                   |       |       |       |       |       |       |       |       | 3.00  |       |
| Tb                   | 3.00  | 0.50  |       |       |       |       |       |       |       | 2.00  |
| Vc                   | 28.50 | 0.50  | 3.75  |       | 0.25  | 0.25  | 7.50  | 0.75  |       |       |
| Vm                   |       |       |       |       |       |       |       | 18.75 |       |       |
| V                    |       |       |       |       |       |       |       |       |       |       |
| Xe                   |       |       |       |       |       |       |       |       | 5.00  |       |
| Total                | 64.00 | 44.50 | 59.75 | 19.50 | 75.25 | 18.00 | 57.00 | 78.75 | 57.25 | 39.00 |
| Stems/m <sup>2</sup> |       |       |       |       |       |       |       |       |       |       |
| Sq                   | 0.75  | 0.50  | 0.50  |       |       |       | 0.75  |       | 0.25  | 0.50  |
| Sr                   | 0.50  |       | 3.25  | 3.50  | 3.00  | 3.75  | 1.25  |       | 3.00  | 2.25  |

**Sunken Forest Herbaceous Layer**  
per cent cover

| Plot # | 31    | 32    | 33    | 34                   | 35    |
|--------|-------|-------|-------|----------------------|-------|
| Acs    | 0.50  |       |       | 1.00                 |       |
| An     |       |       |       | 48.75                | 30.00 |
| Bh     |       |       |       |                      |       |
| Cse    |       |       |       |                      |       |
| Dys    |       |       |       |                      |       |
| Gp     |       |       |       |                      |       |
| Gb     | 1.50  |       |       |                      |       |
| Hyv    |       |       |       |                      |       |
| Ig     |       |       |       |                      |       |
| Io     |       |       |       | *                    |       |
| Mc     |       |       |       | 6.50                 | 1.75  |
| Mp     |       |       |       |                      |       |
| Ns     |       |       |       |                      |       |
| Or     |       |       | 1.00  |                      |       |
| Pq     | 5.50  | 6.00  | 7.50  | 8.75                 | 10.50 |
| Pc     |       |       |       |                      |       |
| Ppu    |       |       |       |                      |       |
| Ps     |       |       |       |                      | *     |
| Paq    |       | 5.25  |       |                      |       |
| Pya    | 0.75  |       | 0.50  |                      |       |
| Qv     |       |       |       | 0.25                 |       |
| Rv     |       |       | 4.00  |                      |       |
| Rco    | 1.00  | 28.00 |       |                      |       |
| Rr     | 7.00  | 19.00 | 8.50  |                      | 17.50 |
| Ror    | 19.50 | 1.50  |       |                      | 0.50  |
| R      |       |       |       |                      |       |
| Sas    | 0.75  | 3.50  | 1.00  |                      | 2.50  |
| Sst    |       |       |       | 5.00                 | 4.25  |
| Sse    |       |       |       |                      |       |
| Tc     |       |       |       |                      |       |
| Tb     |       |       |       | 0.50                 |       |
| Vc     | 0.25  |       | 2.00  |                      |       |
| Vm     |       |       |       |                      |       |
| V      |       |       |       |                      |       |
| Se     |       |       |       |                      |       |
| Total  | 36.75 | 63.25 | 24.75 | 70.75                | 67.00 |
|        |       |       |       | Stems/m <sup>2</sup> |       |
| Sq     |       |       |       |                      | 0.25  |
| Sr     |       | 4.25  | 1.50  | 2.25                 | 3.75  |

## Species List Sunken Forest Area and Key

## Key

|     |  |     |  |
|-----|--|-----|--|
| Ar  | <i>Acer rubrum</i>                         | Hp  | <i>Hibiscus palustris</i>                          |
| Am  | <i>Achillea millefolium</i>                | Hve | <i>Hieracium venosum</i>                           |
| Ac  | <i>Acnida cannabina</i>                    | Ht  | <i>Hudsonia tomentosa</i>                          |
| Aaa | <i>Agrostis alba</i>                       | Hyv | <i>Hypericum virginicum</i>                        |
| Aal | <i>Amaranthus albus</i>                    | Ig  | <i>Ilex glabra</i>                                 |
| Acs | <i>Amelanchier canadensis</i>              | Io  | <i>I. opaca</i>                                    |
| Ab  | <i>Ammophila breviligulata</i>             | If  | <i>Iva frutescens</i> var. <i>oraira</i>           |
| An  | <i>Aralia nudicaulis</i>                   | Jv  | <i>Juniperus virginiana</i>                        |
| Au  | <i>Arctostaphylos uva-ursi</i>             | Lc  | <i>Lactuca canadensis</i>                          |
| Ape | <i>Arenaria peploides</i>                  | Laj | <i>Lathyrus japonicus</i> var. <i>glaber</i>       |
| Aca | <i>Artemisia caudata</i>                   | Lm  | <i>Lechea maritima</i>                             |
| As  | <i>A. stelleriana</i>                      | Loj | <i>Lonicera japonica</i>                           |
| Ast | <i>Aster novo-belgii</i>                   | Mc  | <i>Maianthemum canadense</i>                       |
| Apa | <i>Atriplex patula</i> var. <i>hastata</i> | Ml  | <i>Melanpyrum lineare</i>                          |
| Bh  | <i>Baccharis halimifolia</i>               | Mu  | <i>Monotropa uniflora</i>                          |
| Bv  | <i>Berberis vulgaris</i>                   | Mg  | <i>Myrica gale</i>                                 |
| Ce  | <i>Cakile edentula</i>                     | Mp  | <i>M. pennsylvanica</i>                            |
| Cp  | <i>Carex pensylvanica</i>                  | Ns  | <i>Nyssa sylvatica</i>                             |
| Cs  | <i>C. silicea</i>                          | Op  | <i>Oenothera parviflora</i>                        |
| Co  | <i>Celastrus orbiculatus</i>               | Oc  | <i>Osmunda cinnamomea</i>                          |
| Csc | <i>C. scandens</i>                         | Or  | <i>O. regalis</i>                                  |
| Cal | <i>Chenopodium album</i>                   | P   | <i>Panicum</i> spp.                                |
| Cm  | <i>Chimaphila maculata</i>                 | Pam | <i>P. amarum</i>                                   |
| Ch  | <i>Cirsium horridulum</i>                  | Pau | <i>P. auburne</i>                                  |
| Caf | <i>Clethra alnifolia</i>                   | Pv  | <i>P. virgatum</i>                                 |
| Cse | <i>Convolvulus sepium</i>                  | Pq  | <i>Parthenocissus quinquefolia</i>                 |
| Cc  | <i>Cuscuta compacta</i>                    | Pc  | <i>Phragmites communis</i>                         |
| Ce  | <i>Cyperus erythrorhizos</i>               | Pam | <i>Phytolacca americana</i>                        |
| Cr  | <i>C. rotundus</i>                         | Pbk | <i>Pinus banksiana</i>                             |
| Cst | <i>C. strigosus</i>                        | Pr  | <i>P. rigida</i>                                   |
| Cac | <i>Cypripedium acaule</i>                  | Pt  | <i>P. thunbergii</i>                               |
| Ds  | <i>Distichlis spicata</i>                  | Pl  | <i>Plantago lanceolata</i>                         |
| Dr  | <i>Drosera rotundifolia</i>                | Ppv | <i>Pluchea purpurascens</i> var. <i>succulenta</i> |
| Dys | <i>Dryopteris spinulosa</i>                | Pb  | <i>Polygonatum biflorum</i>                        |
| Dt  | <i>D. thelypteris</i>                      | Par | <i>Polygonella articulata</i>                      |
| Ea  | <i>Eleocharis acicularis</i>               | Poc | <i>Polygonum convolvulus</i>                       |
| Es  | <i>Eragrostis spectabilis</i>              | Ppu | <i>P. punctatum</i>                                |
| Ep  | <i>Euphorbia polygonifolia</i>             | Pm  | <i>Prunus maritima</i>                             |
| G   | <i>Gallium</i> sp.                         | Ps  | <i>P. serotina</i>                                 |
| Gp  | <i>Gaultheria procumbens</i>               | Paq | <i>Pteridium aquilinum</i>                         |
| Bg  | <i>Gaylussacia baccata</i>                 | Pya | <i>Pyrus arbutifolia</i>                           |
| Gr  | <i>Geranium robertianum</i>                |     |  |

|     |                                       |     |                              |
|-----|---------------------------------------|-----|------------------------------|
| Qc  | <i>Quercus coccinea</i>               | Sam | <i>Scirpus americanus</i>    |
| Qr  | <i>Q. rubra</i>                       | Sme | <i>Sesuvium maritimum</i>    |
| Qs  | <i>Q. stellata</i>                    | Sst | <i>Smilacina stellata</i>    |
| Qv  | <i>Q. velutina</i>                    | Sg  | <i>Smilax glauca</i>         |
| Rvi | <i>Rhododendron viscosum</i>          | Sr  | <i>S. rotundifolia</i>       |
| Rco | <i>Rhus copallina</i>                 | So  | <i>Solidago odora</i>        |
| Rr  | <i>R. radicans</i>                    | Sse | <i>S. sempervirens</i>       |
| Rvx | <i>R. vernix</i>                      | Spa | <i>Spartina alterniflora</i> |
| Rcy | <i>Ribes cynosbati</i>                | Spp | <i>S. patens</i>             |
| Rca | <i>Rosa carolina</i>                  | Sum | <i>Suaeda maritima</i>       |
| Ror | <i>R. rugosa</i>                      | Te  | <i>Teucrium canadense</i>    |
| R   | <i>Rubus allegheniensis</i>           | Tb  | <i>Trientalis borealis</i>   |
| Rh  | <i>R. hispidus</i>                    | Ta  | <i>Typhae angustifolia</i>   |
| Ra  | <i>Rumex acetosella</i>               | Va  | <i>Vaccinium atrococcum</i>  |
| Rcr | <i>R. crispus</i>                     | Vc  | <i>V. corymbosum</i>         |
| Se  | <i>Salicornia europea</i>             | Vm  | <i>V. macrocarpon</i>        |
| Ska | <i>Salsola kali</i>                   | Vb  | <i>Viburnum dentatum</i>     |
| Skt | <i>S. kali</i> var. <i>tenuifolia</i> | V   | <i>Vitis</i> sp.             |
| Sc  | <i>Sambucus canadensis</i>            | Xe  | <i>Xanthium echinatum</i>    |
| Sas | <i>Sassafras albidum</i>              |     |                              |

Nomenclature follows Fernald, M. L. 1950. *Gray's Manual of Botany*, eighth edition.