

Table 3-17. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #12: Between Transects L422, M412 & Q420 (Upland grassland), Steve Apfelbaum, August 17, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Ambrosia artemisiifolia	1	1	8	8
Andropogon gerardii	1	2	7	15
Elymus canadense	1	3	7	22
Lotus corniculatus	1	4	2	24
Panicum virgatum	1	5	4	28
Phleum pratense	1	6	3	31
Ratibida pinnata	1	7	5	36
Rudbeckia hirta	1	8	1	37
Solidago rigida	1	9	3	40
Desmodium canadense	2	10	1	41
Helianthus grosseserratus	2	11	2	43
Monarda fistulosa	2	12	0	43
Schizachyrium scoparium	2	13	1	44
Solidago canadensis	2	14	1	45
Solidago nemoralis	2	15	1	46
Spartina pectinata	2	16	0	46
Agrostis gigantea	3	17	0	46
Aster lanceolatus	3	18	1	47
Echinochloa walteri	3	19	0	47
Erigeron annuus	3	20	0	47
Setaria viridis	3	21	1	48
Trifolium aureum	3	22	0	48
Trifolium hybridum	3	23	0	48
Achillea millefolium	4	24	0	48
Populus tremuloides	4	25	1	49
Bidens frondosa	5	26	1	50
Juncus effusus	5	27	0	50
Juncus tenuis	5	28	0	50
Populus deltoides	5	29	0	50
Dianthus armeria	6	30	0	50
Pinus resinosa	6	31	0	50
Pinus strobus	6			
Chrysanthemum leucanthemum	7			
Cyperus esculentus	7			
Juncus dudleyi	7			
Plantago rugelii	7			

**Table 3-17. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Polygonum pensylvanicum	7			
Fragaria virginiana	8			
Dalea purpurea	9			
Scirpus cyperinus	9			
Taraxacum officinale	9			
Aster laevis	10			
Carex scoparia	11			
Solidago gigantea	11			
Phalaris arundinacea	13			
Sorghastrum nutans	14			
Oxalis stricta	15			
None	16			
None	17			
Cirsium discolor	18			
None	19			
None	20			
Carex lupulina	21			
None	22			
None	24			
None	25			
Conyza canadensis	26			
None	27			
None	28			
None	29			
None	30			
None	31			
<b>Total Species</b>		<b>50</b>		
<b>Native</b>		<b>37</b>		
<b>%Native</b>		<b>74.0%</b>		
<b>Non-Native</b>		<b>13</b>		
<b>%Non-Native</b>		<b>26.0%</b>		
<b>Total</b>		<b>50</b>		

Table 3-18. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #3 & 4: Transect C406 biofilter pond (Wetland), Steve Apfelbaum, August 16, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Ambrosia artemisiifolia	1	1	9	9
Andropogon gerardii	1	2	7	16
Conyza canadensis	1	3	8	24
Elymus canadense	1	4	8	32
Erigeron annuus	1	5	2	34
Lotus corniculatus	1	6	6	40
Rumex crispus	1	7	1	41
Sorghastrum nutans	1	8	6	47
Trifolium pratense	1	9	6	53
Fraxinus americana	2	10	2	55
Monarda fistulosa	2	11	2	57
Panicum dichotomiflorum	2	12	3	60
Panicum virgatum	2	13	2	62
Phleum pratense	2	14	2	64
Ratibida pinnata	2	15	0	64
Rudbeckia hirta	2	16	2	66
Agrostis gigantea	3	17	2	68
Digitaria sanguinalis	3	18	4	72
Helianthus grosseserratus	3	19	4	76
Hypericum pyramidatum	3	20	5	81
Schizachyrium scoparium	3	21	6	87
Scirpus cyperinus	3	22	3	90
Trifolium repens	3	23	4	94
Typha latifolia	3	24	4	98
Achillea millefolium	4	25	2	100
Bidens cernua	4	26	4	104
Bidens frondosa	4	27	2	106
Daucus carota	4	28	3	109
Euthamia graminifolia	4	29	3	112
Lepidium virginicum	4	30	2	114
Potentilla norvegica	4	31	1	115
Solidago gigantea	4	32	0	115
Acer negundo	5	33	2	117
Phalaris arundinacea	5	34	1	118
Asclepias syriaca	6	35	1	119
Poa compressa	6	36	0	119

**Table 3-18. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Poa pratensis	6	37	2	121
Prunus serotina	6	38	0	121
Quercus macrocarpa	6	39	0	121
Tilia americana	6	40	0	121
Centaurea maculosa	7	41	0	121
Bidens polylepis	8	42	0	121
Onoclea sensibilis	8			
Polygonum convolvulus	8			
Polygonum lapathifolium	8			
Polygonum pensylvanicum	8			
Polygonum sagittatum	8			
Athyrium filix-femina	9			
Cornus racemosa	9			
Parthenocissus vitacea	9			
Rhamnus frangula	9			
Rubus idaeus	9			
Urtica dioica	9			
Leersia oryzoides	10			
Spartina pectinata	10			
Rubus allegheniensis	11			
Salix bebbiana	11			
Aster lanceolatus	12			
Aster lateriflorus	12			
Carex lupulina	12			
Convolvulus sepium	13			
Eupatorium perfoliatum	13			
Nuphar advena	14			
Nymphaea odorata	14			
None	15			
Cirsium arvense	16			
Coreopsis tripteris	16			
Chrysanthemum leucanthemum	17			
Verbena hastata	17			
Cornus alternifolia	18			
Galium trifidum	18			
Lactuca canadensis	18			
Sonchus asper	18			
Agrostis stolonifera	19			
Glyceria grandis	19			
Iris versicolor	19			
Juncus effusus	19			
Acer rubrum	20			
Alisma subcordatum	20			

**Table 3-18. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Eleocharis acicularis	20			
Eleocharis obtusa	20			
Eleocharis palustris	20			
Ceratophyllum demersum	21			
Lemna minor	21			
Sagittaria cuneata	21			
Sagittaria latifolia	21			
Sparganium eurycarpum	21			
Spirodela polyrhiza	21			
Acorus calamus	22			
Potamogeton crispus	22			
Potamogeton pectinatus	22			
Carex bebbii	23			
Carex scoparia	23			
Carex stricta	23			
Erechtites hieracifolia	23			
Alnus incana	24			
Carex vulpinoidea	24			
Lobelia cardinalis	24			
Mimulus ringens	24			
Bromus inermis	25			
Desmodium canadense	25			
Aster umbellatus	26			
Betula papyrifera	26			
Picea glauca	26			
Tsuga canadensis	26			
Apios americana	27			
Equisetum arvense	27			
Abies balsamea	28			
Gentiana andrewsii	28			
Matteuccia struthiopteris	28			
Lysimachia ciliata	29			
Stachys hispida	29			
Teucrium canadense	29			
Scirpus validus	30			
Sonchus arvensis	30			
Utricularia vulgaris	31			
None	32			
Asclepias exaltata	33			
Aster macrophyllus	33			
Typha angustifolia	34			
Anaphalis margaritacea	35			
None	36			
Corylus americana	37			
Populus tremuloides	37			
None	38			

**Table 3-18. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
None	39			
None	40			
None	41			
None	42			
Total Species		121		
Native		99		
%Native		81.8%		
Non-Native		22		
%Non-Native		18.2%		
Total		121		

Table 3-19. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #13: Transects W420 & W427 (Wetland), Steve Apfelbaum, August 16, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Agrostis stolonifera	1	1	11	11
Asclepias incarnata	1	2	8	19
Epilobium coloratum	1	3	10	29
Euphorbia maculata	1	4	7	36
Helianthus grosseserratus	1	5	7	43
Lotus corniculatus	1	6	11	54
Polygonum sagittatum	1	7	3	57
Sagittaria latifolia	1	8	2	59
Scirpus cyperinus	1	9	0	59
Typha latifolia	1	10	2	61
Verbena hastata	1	11	3	64
Acorus calamus	2	12	3	67
Hypericum pyramidatum	2	13	1	68
Nuphar advena	2	14	3	71
Nymphaea odorata	2	15	5	76
Polygonum lapathifolium	2	16	2	78
Polygonum pensylvanicum	2	17	1	79
Salix bebbiana	2	18	0	79
Sparganium eurycarpum	2	19	0	79
Alisma subcordatum	3	20	0	79
Andropogon gerardii	3	21	3	82
Aster puniceus	3	22	2	84
Carex lupulina	3	23	2	86
Carex rostrata	3	24	1	87
Daucus carota	3	25	1	88
Leersia oryzoides	3	26	1	89
Mimulus ringens	3	27	0	89
Polygonum hydropiper	3	28	0	89
Polygonum punctatum	3	29	0	89
Acalypha rhomboidea	4	30	0	89
Geum aleppicum	4	31	4	93
Lobelia siphilitica	4	32	0	93
Lysimachia ciliata	4	33	1	94
Onoclea sensibilis	4	34	2	96
Phalaris arundinacea	4	35	1	97
Rhamnus frangula	4	36	2	99
Echinochloa crusgalli	5	37	0	99
Eupatorium perfoliatum	5	38	1	100
Juncus tenuis	5	39	3	103
Juncus torreyi	5	40	2	105
Plantago rugelii	5	41	0	105

**Table 3-19. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Scirpus atrovirens	5	42	0	105
Scirpus validus	5	43	1	106
Equisetum arvense	6	44	0	106
Galium trifidum	6	45	1	107
Glyceria canadensis	6	46	1	108
Gratiola neglecta	6	47	0	108
Hippuris vulgaris	6	48	0	108
Iris virginica	6	49	0	108
Myriophyllum heterophyllum	6	50	0	108
Pontederia cordata	6	51	0	108
Spirodela polyrhiza	6			
Stellaria media	6			
Utricularia vulgaris	6			
Eleocharis acicularis	7			
Eleocharis obtusa	7			
Lemna minor	7			
Bidens cernua	8			
Calamagrostis canadensis	8			
None	9			
Lobelia inflata	10			
Pycnanthemum virginianum	10			
Achillea millefolium	11			
Potentilla norvegica	11			
Salix glaucophylloides	11			
Aster lanceolatus	12			
Helenium autumnale	12			
Thelypteris palustris	12			
Juncus effusus	13			
Aster novae-angliae	14			
Euthamia graminifolia	14			
Stachys hyssopifolia	14			
Carex crinita	15			
Carex vulpinoidea	15			
Glyceria grandis	15			
Lycopus americanus	15			
Mentha arvensis	15			
Eleocharis palustris	16			
Solidago juncea	16			
Heliopsis helianthoides	17			
None	19			
None	20			
Carex annectens	21			
Carex stricta	21			
Salix interior	21			
Cicuta bulbifera	22			
Sium suave	22			

**Table 3-19. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Coreopsis tripteris	23			
Oxypolis rigidior	23			
Carex scoparia	24			
Carex comosa	25			
Bromus ciliatus	26			
None	29			
None	30			
Carex bebbii	31			
Ceratophyllum demersum	31			
Potamogeton pectinatus	31			
Riccia fluitans	31			
Echinochloa walteri	33			
Glyceria septentrionalis	34			
Ranunculus pensylvanicus	34			
Abies balsamea	35			
Acer rubrum	36			
Lythrum salicaria	36			
Lobelia cardinalis	38			
Carex cristatella	39			
Dianthus armeria	39			
Potentilla simplex	39			
Asclepias verticillata	40			
Tanacetum vulgare	40			
None	41			
None	42			
Glyceria striata	43			
None	44			
Populus deltoides	45			
Zizania aquatica	46			
None	47			
None	48			
None	49			
None	50			
None	51			

**Additional Species**

Carex tuckermania  
 Cirsium discolor  
 Cornus stolonifera  
 Hypericum candense  
 Scirpus acutus  
 Scirpus sp.  
 Veronicastrum virginicum

**Table 3-19. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Viburnum lentago				
Total Species		108		
Native		103		
%Native		90.4%		
Non-Native		11		
%Non-Native		9.6%		
Total		114		

Table 3-20. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #2: Swale between Transects I404 and S398 (Wetland), Steve Apfelbaum August 16, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Andropogon gerardii	1	1	7	7
Elymus canadense	1	2	7	14
Heliopsis helianthoides	1	3	5	19
Panicum virgatum	1	4	6	25
Ratibida pinnata	1	5	2	27
Schizachyrium scoparium	1	6	4	31
Solidago rigida	1	7	2	33
Aster laevis	2	8	5	38
Aster novae-angliae	2	9	5	43
Erigeron annuus	2	10	6	49
Hypericum perforatum	2	11	3	52
Lotus corniculatus	2	12	3	55
Lythrum alatum	2	13	1	56
Sonchus asper	2	14	2	58
Cirsium discolor	3	15	0	58
Daucus carota	3	16	0	58
Helianthus grosseserratus	3	17	1	59
Monarda fistulosa	3	18	0	59
Poa pratensis	3	19	0	59
Lobelia siphilitica	4	20	2	61
Lysimachia ciliata	4	21	0	61
Mimulus ringens	4	22	0	61
Potentilla norvegica	4	23	1	62
Solidago gigantea	4	24	1	63
Taraxacum officinale	4	25	0	63
Dianthus armeria	5	26	0	63
Prunella vulgaris	5	27	0	63
Agrostis gigantea	6	28	1	64
Phleum pratense	6	29	2	66
Scirpus cyperinus	6	30	1	67
Spartina pectinata	6	31	0	67
Juncus effusus	7	32	0	67
Pycnanthemum virginianum	7	33	0	67
Ambrosia artemisiifolia	8	34	0	67
Glyceria grandis	8	35	0	67
Lycopus americanus	8			

**Table 3-20. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Mentha arvensis	8			
Rudbeckia hirta	8			
Bidens frondosa	9			
Carex annectens	9			
Carex vulpinoidea	9			
Juncus dudleyi	9			
Polygonum hydropiper	9			
Achillea millefolium	10			
Ambrosia trifida	10			
Rubus idaeus	10			
Salix glaucophylloides	10			
Salix interior	10			
Salix lucida	10			
Spiraea alba	11			
Trifolium aureum	11			
Verbena hastata	11			
Asclepias syriaca	12			
Lactuca canadensis	12			
Populus deltoides	12			
Hypericum pyramidatum	13			
Baptisia lactea	14			
Euthamia graminifolia	14			
None	15			
None	16			
Scirpus atrovirens	17			
None	18			
None	19			
Phalaris arundinacea	20			
Rumex crispus	20			
None	21			
None	22			
Carex stipata	23			
Glyceria canadensis	24			
None	25			
None	26			
None	27			
Echinochloa crusgalli	28			
Polygonum pensylvanicum	29			
Polygonum sagittatum	29			
Epilobium coloratum	30			
None	31			
None	32			
None	33			

**Table 3-20. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
None	34			
None	35			
Total Species		67		
Native		51		
%Native		76.1%		
Non-Native		16		
%Non-Native		23.9%		
Total		67		

Table 3-21. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #17: Transect L422 (Wetland), Steve Apfelbaum, August 16, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Aster laevis	1	1	7	7
Aster lanceolatus	1	2	9	16
Aster novae-angliae	1	3	9	25
Carex lupulina	1	4	11	36
Helianthus grosseserratus	1	5	6	42
Pycnanthemum virginianum	1	6	5	47
Scirpus cyperinus	1	7	4	51
Agrostis gigantea	2	8	4	55
Andropogon gerardii	2	9	4	59
Carex sp.	2	10	5	64
Carex vulpinoidea	2	11	3	67
Helenium autumnale	2	12	1	68
Hypericum pyramidatum	2	13	1	69
Lobelia cardinalis	2	14	1	70
Lotus corniculatus	2	15	1	71
Spartina pectinata	2	16	1	72
Aster umbellatus	3	17	3	75
Eupatorium perfoliatum	3	18	1	76
Euthamia graminifolia	3	19	0	76
Juncus effusus	3	20	0	76
Juncus tenuis	3	21	1	77
Onoclea sensibilis	3	22	1	78
Salix amygdaloides	3	23	1	79
Salix interior	3	24	3	82
Typha latifolia	3	25	0	82
Ambrosia artemisiifolia	4	26	0	82
Bidens cernua	4	27	0	82
Bidens frondosa	4	28	0	82
Conyza canadensis	4	29	0	82
Daucus carota	4	30	0	82
Euphorbia maculata	4	31	0	82
Polygonum pensylvanicum	4			
Polygonum sagittatum	4			
Ratibida pinnata	4			
Rudbeckia hirta	4			
Solidago gigantea	4			
Glyceria canadensis	5			
Glyceria grandis	5			
Lactuca canadensis	5			
Lysimachia ciliata	5			
Rhus typhina	5			

**Table 3-21. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Solidago canadensis	5			
Achillea millefolium	6			
Panicum virgatum	6			
Poa pratensis	6			
Salix interior	6			
Schizachyrium scoparium	6			
Alisma subcordatum	7			
Lemna minor	7			
Sagittaria latifolia	7			
Verbena hastata	7			
Erigeron annuus	8			
Rumex acetosella	8			
Solidago juncea	8			
Taraxacum officinale	8			
Dianthus armeria	9			
Hypericum perforatum	9			
Trifolium hybridum	9			
Trifolium pratense	9			
Leersia oryzoides	10			
Lobelia siphilitica	10			
Phalaris arundinacea	10			
Potentilla simplex	10			
Solidago rigida	10			
Agrostis stolonifera	11			
Barbarea vulgaris	11			
Triosteum aurantiacum	11			
Asclepias syriaca	12			
Setaria faberi	13			
Polygonum lapathifolium	14			
Conyza canadensis	15			
Cyperus esculentus	16			
Lycopus americanus	17			
Panicum capillare	17			
Phleum pratense	17			
Stachys hyssopifolia	18			
None	19			
None	20			
Arabis glabra	21			
Carex annectens	22			
Aster puniceus	23			
Monarda fistulosa	24			
Potentilla recta	24			
Solidago nemoralis	24			
None	27			
None	28			
None	29			

**Table 3-21. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
None	30			
None	31			
Total Species		82		
Native		66		
%Native		80.5%		
Non-Native		16		
%Non-Native		19.5%		
Total		82		

Table 3-22. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #8, Industrial Outlot biofilter (Industrial Outlot), Steve Apfelbaum, August 17, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Lotus corniculatus	1	1	9	9
Agrostis gigantea	1	2	7	16
Andropogon gerardii	1	3	9	25
Helianthus grosseserratus	1	4	7	32
Elymus canadense	1	5	8	40
Phalaris arundinacea	1	6	3	43
Scirpus cyperinus	1	7	5	48
Typha angustifolia	1	8	4	52
Spartina pectinata	1	9	7	59
Alisma subcordatum	2	10	4	63
Lobelia siphilitica	2	11	6	69
Sagittaria latifolia	2	12	6	75
Potamogeton pectinatus	2	13	4	79
Potamogeton crispus	2	14	0	79
Myriophyllum heterophyllum	2	15	0	79
Ceratophyllum demersum	2	16	0	79
Lemna minor	3	17	0	79
Eleocharis obtusa	3	18	0	79
Eleocharis palustris	3			
Eleocharis acicularis	3			
Daucus carota	3			
Monarda fistulosa	3			
Solidago gigantea	3			
Solidago canadensis	3			
Solidago nemoralis	3			
Erigeron annuus	4			
Rudbeckia hirta	4			
Salix interior	4			
Salix glaucophylloides	4			
Salix lucida	4			
Alnus incana	4			
Spiraea alba	4			
Aster lateriflorus	5			
Aster lanceolatus	5			
Aster puniceus	5			
Polygonum sagittatum	5			
Polygonum pensylvanicum	5			
Polygonum lapathifolium	5			
Polygonum hydropiper	5			
Potentilla norvegica	5			
Trifolium aureum	6			

**Table 3-22. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Trifolium hybridum	6			
Galium trifidum	6			
Oenothera biennis	7			
Asclepias incarnata	7			
Scirpus validus	7			
Sparganium eurycarpum	7			
Scirpus atrovirens	7			
Leersia oryzoides	8			
Populus deltoides	8			
Populus tremuloides	8			
Carex vulpinoidea	8			
Scutellaria epilobiifolia	9			
Calamagrostis canadensis	9			
Sagittaria cuneata	9			
Pontederia cordata	9			
Juncus effusus	9			
Juncus torreyi	9			
Betula papyrifera	9			
Pycnanthemum virginianum	10			
Juncus tenuis	10			
Juncus dudleyi	10			
Typha latifolia	10			
Oxypolis rigidior	11			
Nymphaea odorata	11			
Nuphar advena	11			
Utricularia vulgaris	11			
Spiraea tomentosa	11			
Chamaedaphne calyculata	11			
Echinochloa crusgalli	12			
Echinochloa walteri	12			
Carex comosa	12			
Carex rostrata	12			
Euthamia graminifolia	12			
Ambrosia artemisiifolia	12			
Juncus sp.	13			
Carex scoparia	13			
Dianthus armeria	13			
Carex lacustris	13			
None	14			
None	15			
None	16			

Table 3-22. Continued.

SPECIES	MINUTE	MINUTE	SP/MIN	SP(CUM)
None	17			
None	18			
Total Species		79		
Native		70		
%Native		88.6%		
Non-Native		9		
%Non-Native		11.4%		
Total		79		

Table 3-23. Time Meander Search (TMS) species list, with the minute each species was located, minutes of the search duration (always five minutes beyond location of the last species), number of species found per minute, cumulative number of species at each minute. Flambeau Mine, Ladysmith, WI, TMS #10: Industrial Outlot Transects U396 & P393 (Industrial Outlot), Steve Apfelbaum, August 16, 2005.

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Ambrosia artemisiifolia	1	1	14	14
Andropogon gerardii	1	2	5	19
Asclepias syriaca	1	3	9	28
Daucus carota	1	4	8	36
Digitaria sanguinalis	1	5	4	40
Eragrostis mexicana	1	6	2	42
Erigeron annuus	1	7	4	46
Hypericum perforatum	1	8	3	49
Lotus corniculatus	1	9	2	51
Panicum virgatum	1	10	1	52
Phleum pratense	1	11	2	54
Rudbeckia hirta	1	12	2	56
Solidago canadensis	1	13	1	57
Trifolium hybridum	1	14	1	58
Echinochloa crusgalli	2	15	2	60
Elymus canadense	2	16	0	60
Euthamia graminifolia	2	17	1	61
Solidago gigantea	2	18	5	66
Sorghastrum nutans	2	19	1	67
Agrostis gigantea	3	20	1	68
Carex scoparia	3	21	0	68
Carex vulpinoidea	3	22	0	68
Helianthus grosseserratus	3	23	0	68
Hypericum pyramidatum	3	24	0	68
Populus tremuloides	3	25	0	68
Scirpus cyperinus	3			
Trifolium arvense	3			
Trifolium pratense	3			
Carex lupulina	4			
Carex tuckermanii	4			
Juncus dudleyi	4			
Juncus effusus	4			
Lactuca canadensis	4			
Potentilla norvegica	4			
Ratibida pinnata	4			
Taraxacum officinale	4			
Fraxinus pennsylvanica	5			
Rumex obtusifolius	5			
Setaria faberi	5			
Setaria viridis	5			
Aster lanceolatus	6			

**Table 3-23. Continued.**

<b>SPECIES</b>	<b>MINUTE</b>	<b>MINUTE</b>	<b>SP/MIN</b>	<b>SP(CUM)</b>
Potentilla recta	6			
Achillea millefolium	7			
Bidens cernua	7			
Scirpus atrovirens	7			
Solidago juncea	7			
Cirsium vulgare	8			
Dianthus armeria	8			
Trifolium aureum	8			
Aster laevis	9			
Poa pratensis	9			
Verbena hastata	10			
Carex annectens	11			
Prunella vulgaris	11			
Salix interior	12			
Salix nigra	12			
Lycopus americanus	13			
Monarda fistulosa	14			
Centaurea maculosa	15			
Sonchus arvensis	15			
None	16			
Calamagrostis canadensis	17			
Agrostis sp.	18			
Echinochloa walteri	18			
Polygonum lapathifolium	18			
Polygonum pensylvanicum	18			
Polygonum sagittatum	18			
Chamaecrista fasciculata	19			
Cyperus esculentus	20			
None	21			
None	22			
None	23			
None	24			
None	25			
Total Species		68		
Native		44		
%Native		64.7%		
Non-Native		24		
%Non-Native		35.3%		
Total		68		