| Scientific\_Name | SPP6 | 2019-06-13 | 2019-06-27 | 2019-07-10 | 2019-07-11 | 2019-07-26 | 2019-08-08 | 2019-08-22 | 2019-09-05 | 2019-09-19 | 2019-10-03 | 2019-10-17 | 2019-11-02 | 2019-11-14 | 2019-12-01 | 2019-12-12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Agrostis hyemalis var. hyemalis | AGRHYE | 2010 | 2660 | 73 | 53 | 27 |  | 5 | 5 |  |  | 4 | 2 |  |  |  |
| Sphenopholis obtusata | SPHOBT | 1470 | 1032 | 10 | 73 | 124 | 7 | 2 | 40 | 8 | 1 | 4 | 12 |  | 45 | 1 |
| Juncus sp. | JUNSPP | 933 | 10818 | 340 | 781 | 412 | 109 | 66 | 135 |  |  |  |  |  | 98 |  |
| Cerastium sp. | CERSPP | 158 | 71 |  | 12 | 4 | 6 | 1 | 1 | 10 |  | 1 |  |  |  | 4 |
| Coreopsis lanceolata | CORLAN | 143 | 53 |  | 48 | 42 | 1 | 8 | 28 | 15 | 5 | 7 | 9 |  | 6 |  |
| Veronica sp. | VEROSP | 108 | 77 |  | 16 | 7 | 5 | 6 | 2 | 3 | 3 |  |  |  |  |  |
| Poa pratensis | POAPRA | 105 | 242 | 29 | 302 | 118 | 37 | 26 | 31 | 30 | 2 | 6 | 5 | 2 | 3 | 1 |
| Plantago virginica | PLAVIR | 98 | 99 |  | 46 | 14 | 2 | 4 | 5 |  | 7 | 5 | 9 | 8 | 10 | 2 |
| Myosotis verna | MYOVER | 69 | 58 |  | 11 | 5 | 4 | 1 | 6 | 1 | 1 |  | 3 |  | 1 | 1 |
| Silene antirrhina | SILANT | 65 | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Triodanis perfoliata | TRIPER | 24 | 22 | 3 | 7 | 13 |  |  |  |  |  |  |  |  |  |  |
| Carex bushii | CARBUS | 17 | 67 | 23 | 28 | 41 | 10 | 13 | 12 | 6 | 1 | 4 | 7 | 3 | 5 | 1 |
| Alopecurus carolinianus | ALOCAR | 17 | 1 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Carex festucacea | CARFES | 14 | 222 | 18 | 85 | 58 | 27 | 19 | 134 | 16 | 14 | 7 | 28 | 4 | 8 | 1 |
| Geranium carolinianum | GERCAR | 13 | 15 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Anagallis minima | ANAMIN | 11 | 15 |  | 67 | 13 | 1 |  | 2 | 9 |  |  |  |  |  |  |
| Capsella bursa-pastoris | CAPBUR | 7 | 12 |  |  | 3 |  |  |  |  |  |  |  |  |  |  |
| Oxalis dillenii | OXADIL | 5 | 4 |  | 1 | 3 | 2 | 3 |  |  | 1 | 3 | 11 | 4 | 1 |  |
| Penstemon digitalis | PENDIG | 4 | 1 |  |  | 35 |  | 6 | 8 | 79 | 1238 | 991 | 4386 | 2426 | 7333 | 128 |
| Tradescantia ohiensis | TRAOHI | 3 | 66 |  | 33 | 12 |  | 7 |  |  | 1 |  | 1 | 1 |  |  |
| Galium aparine | GALAPA | 3 | 9 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Hordeum pusillum | HORPUS | 3 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dichanthelium lanuginosum | DICLAN | 2 | 68 | 25 | 1 | 14 | 14 | 11 | 11 | 19 | 3 | 9 | 9 | 5 | 8 | 3 |
| Lepidium virginicum | LEPVIR | 2 | 11 |  | 3 | 1 |  |  |  |  |  |  |  |  |  |  |
| Unknown spp | UNKSPP | 2 | 4 | 1 |  | 3 |  | 2 | 10 | 3 | 3 | 1 | 2 | 1 |  | 1 |
| Thlaspi arvense | THLARV | 2 | 4 |  |  |  |  | 1 | 4 |  |  |  | 4 | 2 | 2 | 1 |
| Ratibida pinnata | RATPIN | 2 | 1 |  | 1 | 13 |  | 2 | 36 | 38 | 157 | 120 | 167 | 62 | 136 | 5 |
| Eryngium yuccifolium | ERYYUC | 1 | 1 |  | 3 | 1 | 7 | 1 | 9 | 6 | 51 | 109 | 170 | 50 | 82 | 4 |
| Melilotus sp. | MELSPP | 1 |  |  | 22 | 22 | 51 | 162 | 125 | 156 | 62 | 22 | 16 | 10 | 7 |  |
| Hypoxis hirsuta | HYPHIR | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Platanus occidentalis | PLAOCC | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Erigeron sp. | ERISPP |  | 148 | 8 | 2414 | 2924 | 1383 | 694 | 64 | 87 | 40 |  |  |  |  |  |
| Vulpia octoflora | VULOCT |  | 34 |  | 7 | 4 | 2 | 2 |  |  | 1 |  | 1 |  |  |  |
| Setaria sp. | SETSPP |  | 30 |  | 11 |  | 1 | 5 | 23 | 268 | 2069 | 1689 | 1094 | 177 | 242 | 25 |
| Digitaria ischaemum | DIGISC |  | 22 |  | 2 | 1 | 6 | 5 | 14 | 469 | 4734 | 8006 | 3838 | 955 | 592 | 165 |
| Monarda fistulosa subsp. Fistulosa | MONFIS |  | 18 |  |  | 4 | 4 | 8 | 35 | 32 | 109 | 25 | 48 | 18 | 64 |  |
| Lobelia spicata | LOBSPI |  | 16 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Achillea millefolium | ACHMIL |  | 14 |  |  | 15 | 22 | 41 | 24 | 19 | 31 | 28 | 64 | 47 | 34 | 6 |
| Coreopsis palmata | CORPAL |  | 13 |  | 17 | 3 | 1 |  |  |  |  |  |  |  |  |  |
| Barbarea vulgaris | BARVUL |  | 11 | 2 | 2 | 12 | 6 | 6 | 11 | 5 | 12 | 11 | 97 | 11 | 45 | 4 |
| Festuca arundinacea | FESARU |  | 9 |  | 3 |  | 1 |  | 1 |  |  |  |  |  |  |  |
| Carex cephalophora | CARCEP |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Medicago lupulina | MEDLUP |  | 7 |  | 52 | 97 | 65 | 78 | 61 | 35 | 10 | 8 |  | 1 | 5 |  |
| Rubus sp. | RUBSPP |  | 4 | 2 |  |  | 34 |  |  |  |  | 1 | 1 |  | 1 |  |
| Bromus japonicus | BROJAP |  | 4 |  | 5 | 2 | 28 | 5 | 5 | 4 |  |  |  |  | 25 | 1 |
| Pycnanthemum tenuifolium | PYCTEN |  | 3 | 3 |  | 7 | 3 | 5 | 50 | 407 | 1087 | 861 | 2726 | 761 | 2798 | 100 |
| Carex bicknellii | CARBIC |  | 3 |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Ambrosia artemisiifolia | AMBART |  | 2 |  |  | 2 | 1 |  | 4 | 1 | 18 | 26 | 13 | 4 | 8 | 2 |
| Vernonia sp. | VERSPP |  | 2 |  |  |  |  |  |  | 3 | 16 | 39 | 27 | 84 | 17 | 15 |
| Rumex crispus | RUMCRI |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Koeleria macrantha | KOEMAC |  | 1 |  | 65 | 109 | 17 | 10 | 58 | 7 |  |  |  |  | 1 |  |
| Kummerowia sp. | KUMSPP |  | 1 |  |  |  |  | 2 | 4 | 2 | 22 | 55 | 81 | 59 | 130 | 12 |
| Verbena hastata | VERHAS |  | 1 |  |  |  |  |  |  |  |  |  | 4 |  | 5 | 1 |
| Cardamine sp. | CARDSP |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Persicaria longiseta | PERLON |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Taraxacum officinale | TAROFF |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Viola sagittata | VIOSAG |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Polygala sp. | POLSPP |  |  | 3 |  |  | 3 | 2 | 7 | 1 | 1 | 1 |  |  |  |  |
| Schizachyrium scoparium | SCHSCO |  |  | 2 |  | 1 | 2 |  | 2 | 16 | 242 | 274 | 372 | 103 | 127 | 29 |
| Scirpus pendulus | SCIPEN |  |  |  | 7 | 17 |  |  |  |  |  | 1 | 5 | 1 | 2 |  |
| Scleria triglomerata | SCLTRI |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |
| Blephilia ciliata | BLECIL |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Andropogon gerardii | ANDGER |  |  |  | 1 |  |  |  | 23 | 3 | 63 | 121 | 287 | 31 | 45 | 3 |
| Rudbeckia hirta var. pulcherrima | RUDHIR |  |  |  |  | 36 | 1 |  | 13 | 25 | 193 | 82 | 238 | 82 | 129 | 21 |
| Cyperus acuminatus | CYPACU |  |  |  |  | 20 |  | 8 | 30 | 5 | 12 | 5 | 9 | 4 | 10 |  |
| Carex annectens | CARANN |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |
| Festuca paradoxa | FESPAR |  |  |  |  | 5 | 5 | 9 | 11 | 18 | 161 | 13 | 12 | 4 | 7 | 5 |
| Setaria parviflora | SETPAR |  |  |  |  | 4 | 1 | 8 |  | 4 | 4 | 6 | 6 | 1 | 4 | 2 |
| Amorpha canescens | AMOCAN |  |  |  |  | 4 | 1 | 1 |  | 1 | 1 |  | 1 | 2 | 13 |  |
| Cyperus echinatus | CYPECH |  |  |  |  | 3 | 22 | 181 | 114 | 17 | 14 | 31 | 30 | 23 | 30 | 7 |
| Linum sulcatum var. sulcatum | LINSUL |  |  |  |  | 3 | 7 | 3 |  |  |  | 4 | 16 | 6 | 16 | 4 |
| Galium obtusum subsp. obtusum | GALOBT |  |  |  |  | 3 | 4 | 6 | 9 | 4 |  | 1 |  | 4 | 6 |  |
| Lythrum alatum | LYTALA |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |
| Acalypha virginica | ACAVIR |  |  |  |  |  | 3 | 1 | 10 | 28 | 49 | 25 | 16 |  | 2 |  |
| Crotalaria sagittalis | CROSAG |  |  |  |  |  | 2 | 30 | 28 | 48 | 37 | 24 | 11 | 4 | 1 | 2 |
| Dianthus armeria | DIAARM |  |  |  |  |  | 1 |  |  |  |  |  |  |  | 2 |  |
| Mollugo verticillata | MOLVER |  |  |  |  |  |  | 2 | 1 |  |  |  | 1 |  | 8 |  |
| Helianthus mollis | HELMOL |  |  |  |  |  |  | 1 | 1 | 4 | 41 | 148 | 57 | 8 | 33 |  |
| Eupatorium sp. | EUPSPP |  |  |  |  |  |  |  | 11 |  | 500 | 3541 | 5708 | 651 | 1220 | 64 |
| Desmodium sp. | DESSPP |  |  |  |  |  |  |  | 10 | 31 | 106 | 80 | 31 | 16 | 15 | 2 |
| Eriochloa villosa | ERIVIL |  |  |  |  |  |  |  | 6 | 23 | 10 | 2 | 2 |  |  |  |
| Sorghastrum nutans | SORNUT |  |  |  |  |  |  |  | 3 | 57 | 358 | 777 | 974 | 301 | 368 | 14 |
| Eragrostis spectabilis | ERASPE |  |  |  |  |  |  |  | 3 | 13 | 8 | 87 | 90 | 17 | 844 | 2 |
| Chenopodium album | CHEALB |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |
| Euphorbia corollata | EUPCOR |  |  |  |  |  |  |  | 1 | 6 | 1 | 3 | 2 | 1 |  |  |
| Bidens aristosa | BIDARI |  |  |  |  |  |  |  | 1 | 5 | 34 | 66 | 35 | 4 | 9 |  |
| Strophostyles leiosperma | STRLEI |  |  |  |  |  |  |  | 1 | 3 | 3 |  |  |  |  |  |
| Pycnanthemum pilosum | PYCPIL |  |  |  |  |  |  |  | 1 |  | 7 | 23 | 49 | 13 | 47 | 5 |
| Echinacea pallida | ECHPAL |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| Chamaecrista fasciculata | CHAFAS |  |  |  |  |  |  |  |  | 523 | 609 | 142 | 64 | 34 | 29 | 11 |
| Oenothera filiformis | OENFIL |  |  |  |  |  |  |  |  | 11 | 29 | 5 | 3 | 1 |  |  |
| Lespedeza capitata | LESCAP |  |  |  |  |  |  |  |  |  | 73 | 88 | 99 | 8 | 42 | 4 |
| Conyza canadensis | CONCAN |  |  |  |  |  |  |  |  |  | 41 | 33 | 18 | 2 |  | 1 |
| Solidago altissima | SOLALT |  |  |  |  |  |  |  |  |  | 38 | 395 | 2636 | 881 | 833 | 35 |
| Rudbeckia subtomentosa | RUDSUB |  |  |  |  |  |  |  |  |  | 33 | 37 | 227 | 76 | 73 | 8 |
| Oenothera biennis | OENBIE |  |  |  |  |  |  |  |  |  | 22 | 165 | 466 | 72 | 306 | 8 |
| Lespedeza cuneata | LESCUN |  |  |  |  |  |  |  |  |  | 9 | 84 | 159 | 92 | 535 | 106 |
| Cirsium altissimum | CIRALT |  |  |  |  |  |  |  |  |  | 9 | 3 |  | 2 | 2 |  |
| Lespedeza virginica | LESVIR |  |  |  |  |  |  |  |  |  | 8 | 93 | 284 | 67 | 128 | 10 |
| Silphium integrifolium var. integrifolium | SILINT |  |  |  |  |  |  |  |  |  | 5 | 3 |  | 1 |  |  |
| Echinochloa crus-galli | ECHCRU |  |  |  |  |  |  |  |  |  | 5 | 2 | 1 |  |  |  |
| Panicum capillare | PANCAP |  |  |  |  |  |  |  |  |  | 4 | 2 |  |  | 2 |  |
| Erechtites hieracifolius | EREHIE |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| Tridens flavus | TRIFLA |  |  |  |  |  |  |  |  |  | 1 | 7 | 1 | 2 |  |  |
| Heliopsis helianthoides | HELHEL |  |  |  |  |  |  |  |  |  | 1 | 1 | 7 |  |  |  |
| Sporobolus heterolepis | SPOHET |  |  |  |  |  |  |  |  |  | 1 | 1 |  | 1 |  |  |
| Leucanthemum vulgare | LEUVUL |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Coreopsis tripteris | CORTRI |  |  |  |  |  |  |  |  |  |  | 36 | 42 | 46 | 43 | 3 |
| Lycopus americanus | LYCAME |  |  |  |  |  |  |  |  |  |  | 33 |  |  |  |  |
| Agalinis sp. | AGASPP |  |  |  |  |  |  |  |  |  |  | 7 | 31 | 59 | 18 |  |
| Boltonia asteroides | BOLAST |  |  |  |  |  |  |  |  |  |  | 7 | 27 | 27 | 54 | 3 |
| Hypericum punctatum | HYPPUN |  |  |  |  |  |  |  |  |  |  | 4 | 20 | 17 | 86 | 6 |
| Symphyotrichum sp. | SYMSPP |  |  |  |  |  |  |  |  |  |  | 2 | 101 | 383 | 2020 | 138 |
| Amaranthus tuberculatus | AMATUB |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  | 3 | 3 |
| Eleocharis sp. | ELESPP |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Ipomoea hederacea | IPOHED |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Salvia azurea | SALAZU |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Solidago rigida | SOLRIG |  |  |  |  |  |  |  |  |  |  |  | 11 | 20 | 31 |  |
| Euthamia gymnospermoides | EUTGYM |  |  |  |  |  |  |  |  |  |  |  | 10 | 7 | 20 | 1 |
| Liatris pycnostachya var. pycnostachya | LIAPYC |  |  |  |  |  |  |  |  |  |  |  | 3 |  | 1 |  |
| Scirpus georgianus | SCIGEO |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 | 1 |  |
| Gentiana sp. | GENSPP |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 | 22 | 2 |
| Eleocharis sp. 1 | ELESPP1 |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
| Symphyotrichum novae-angliae | SYMNOV |  |  |  |  |  |  |  |  |  |  |  |  | 14 | 5 |  |
| Sporobolus compositus | SPOCOM |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 3 |  |
| Daucus carota | DAUCAR |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
| Baptisia alba var. macrophylla | BAPALB |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 5 |  |
| Cyperus strigosus | CYPSTR |  |  |  |  |  |  |  |  |  |  |  |  |  | 9 | 1 |
| Solidago nemoralis | SOLNEM |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 1 |
| Lysimachia lanceolata | LYSLAN |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

| Scientific\_Name | SPP6 | 2019-06-13 | 2019-06-27 | 2019-07-10 | 2019-07-11 | 2019-07-26 | 2019-08-08 | 2019-08-22 | 2019-09-05 | 2019-09-19 | 2019-10-03 | 2019-10-17 | 2019-11-02 | 2019-11-14 | 2019-12-01 | 2019-12-12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Agrostis hyemalis var. hyemalis | AGRHYE | 434 | 1557 | 73 |  | 16 |  | 1 | 3 |  |  |  | 2 |  |  |  |
| Sphenopholis obtusata | SPHOBT | 147 | 93 | 10 |  | 4 |  |  | 1 |  |  |  | 1 |  |  |  |
| Poa pratensis | POAPRA | 89 | 180 | 29 |  | 73 | 15 | 12 | 6 | 2 |  | 2 |  | 2 | 2 |  |
| Silene antirrhina | SILANT | 65 | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Juncus sp. | JUNSPP | 4 | 3885 | 340 |  | 34 | 31 |  | 32 |  |  |  |  |  |  |  |
| Carex festucacea | CARFES | 4 | 138 | 18 |  | 7 | 16 | 3 | 4 | 4 | 2 | 2 | 3 | 2 | 1 | 1 |
| Plantago virginica | PLAVIR | 4 | 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oxalis dillenii | OXADIL | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dichanthelium lanuginosum | DICLAN | 1 | 66 | 25 |  | 14 | 14 | 11 | 10 | 9 | 3 | 9 | 9 | 5 | 8 | 3 |
| Myosotis verna | MYOVER | 1 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hypoxis hirsuta | HYPHIR | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carex bushii | CARBUS |  | 46 | 23 |  | 22 | 3 | 10 | 7 | 3 | 1 | 1 | 1 | 1 | 1 |  |
| Vulpia octoflora | VULOCT |  | 20 |  |  | 3 | 1 |  |  |  |  |  | 1 |  |  |  |
| Triodanis perfoliata | TRIPER |  | 18 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |
| Lobelia spicata | LOBSPI |  | 16 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Rubus sp. | RUBSPP |  | 4 | 2 |  |  | 34 |  |  |  |  | 1 | 1 |  | 1 |  |
| Carex bicknellii | CARBIC |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pycnanthemum tenuifolium | PYCTEN |  | 2 | 3 |  | 1 |  | 2 | 35 | 182 | 797 | 717 | 2187 | 400 | 2330 | 63 |
| Vernonia sp. | VERSPP |  | 2 |  |  |  |  |  |  | 1 | 16 | 36 | 26 | 83 | 16 | 15 |
| Unknown spp | UNKSPP |  | 1 | 1 |  | 1 |  |  | 4 | 1 |  | 1 | 1 | 1 |  | 1 |
| Penstemon digitalis | PENDIG |  | 1 |  |  |  |  |  |  |  |  |  |  | 7 | 1 |  |
| Cardamine sp. | CARDSP |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Viola sagittata | VIOSAG |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Erigeron sp. | ERISPP |  |  | 8 |  | 3 |  | 2 | 2 | 12 |  |  |  |  |  |  |
| Polygala sp. | POLSPP |  |  | 3 |  |  | 3 | 2 | 7 | 1 | 1 | 1 |  |  |  |  |
| Barbarea vulgaris | BARVUL |  |  | 2 |  | 11 | 6 | 5 | 8 | 3 | 12 | 9 | 97 | 8 | 38 | 3 |
| Schizachyrium scoparium | SCHSCO |  |  | 2 |  | 1 | 2 |  | 1 | 1 | 89 | 188 | 228 | 35 | 80 | 26 |
| Setaria parviflora | SETPAR |  |  |  |  | 4 | 1 | 8 |  | 4 | 4 | 6 | 6 | 1 | 4 | 2 |
| Linum sulcatum var. sulcatum | LINSUL |  |  |  |  | 3 | 7 | 3 |  |  |  | 4 | 16 | 5 | 15 | 4 |
| Galium obtusum subsp. obtusum | GALOBT |  |  |  |  | 3 | 4 | 6 | 9 | 4 |  | 1 |  | 4 | 6 |  |
| Achillea millefolium | ACHMIL |  |  |  |  | 2 | 19 | 36 | 1 |  | 16 | 3 | 13 | 6 | 8 | 1 |
| Koeleria macrantha | KOEMAC |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |
| Ambrosia artemisiifolia | AMBART |  |  |  |  | 1 |  |  |  | 1 | 1 |  |  | 1 |  |  |
| Lepidium virginicum | LEPVIR |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Scirpus pendulus | SCIPEN |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Crotalaria sagittalis | CROSAG |  |  |  |  |  | 2 | 30 | 28 | 48 | 37 | 24 | 11 | 4 | 1 | 2 |
| Festuca paradoxa | FESPAR |  |  |  |  |  |  | 7 | 3 | 3 | 153 | 5 | 10 | 1 | 2 | 5 |
| Helianthus mollis | HELMOL |  |  |  |  |  |  | 1 | 1 | 4 | 40 | 58 | 54 | 6 | 33 |  |
| Andropogon gerardii | ANDGER |  |  |  |  |  |  |  | 23 |  | 53 | 84 | 223 | 24 | 12 | 2 |
| Desmodium sp. | DESSPP |  |  |  |  |  |  |  | 10 | 20 | 99 | 70 | 29 | 15 | 13 |  |
| Rudbeckia hirta var. pulcherrima | RUDHIR |  |  |  |  |  |  |  | 3 | 8 | 13 | 15 | 30 | 6 | 9 | 2 |
| Acalypha virginica | ACAVIR |  |  |  |  |  |  |  | 2 | 5 | 7 | 3 | 3 |  | 1 |  |
| Euphorbia corollata | EUPCOR |  |  |  |  |  |  |  | 1 | 6 | 1 | 3 | 2 | 1 |  |  |
| Chenopodium album | CHEALB |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| Chamaecrista fasciculata | CHAFAS |  |  |  |  |  |  |  |  | 41 | 142 | 49 | 9 | 3 |  |  |
| Cerastium sp. | CERSPP |  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |
| Sorghastrum nutans | SORNUT |  |  |  |  |  |  |  |  | 5 | 72 | 149 | 173 | 30 | 29 | 5 |
| Oenothera filiformis | OENFIL |  |  |  |  |  |  |  |  | 5 | 4 | 1 |  | 1 |  |  |
| Digitaria ischaemum | DIGISC |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |
| Lespedeza capitata | LESCAP |  |  |  |  |  |  |  |  |  | 37 | 47 | 17 | 2 | 3 |  |
| Solidago altissima | SOLALT |  |  |  |  |  |  |  |  |  | 36 | 282 | 834 | 58 | 199 | 10 |
| Oenothera biennis | OENBIE |  |  |  |  |  |  |  |  |  | 20 | 124 | 403 | 50 | 301 | 6 |
| Cirsium altissimum | CIRALT |  |  |  |  |  |  |  |  |  | 8 | 3 |  | 2 | 2 |  |
| Conyza canadensis | CONCAN |  |  |  |  |  |  |  |  |  | 5 |  | 3 |  |  | 1 |
| Eryngium yuccifolium | ERYYUC |  |  |  |  |  |  |  |  |  | 1 | 3 | 28 | 5 | 21 |  |
| Sporobolus heterolepis | SPOHET |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |
| Melilotus sp. | MELSPP |  |  |  |  |  |  |  |  |  | 1 |  |  | 1 |  |  |
| Amorpha canescens | AMOCAN |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Lycopus americanus | LYCAME |  |  |  |  |  |  |  |  |  |  | 33 |  |  |  |  |
| Agalinis sp. | AGASPP |  |  |  |  |  |  |  |  |  |  | 5 | 27 | 58 | 17 |  |
| Tridens flavus | TRIFLA |  |  |  |  |  |  |  |  |  |  | 1 |  | 1 |  |  |
| Eleocharis sp. | ELESPP |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Euthamia gymnospermoides | EUTGYM |  |  |  |  |  |  |  |  |  |  |  | 10 | 7 | 20 | 1 |
| Symphyotrichum sp. | SYMSPP |  |  |  |  |  |  |  |  |  |  |  | 4 | 8 | 45 | 3 |
| Bidens aristosa | BIDARI |  |  |  |  |  |  |  |  |  |  |  | 3 | 3 |  |  |
| Eupatorium sp. | EUPSPP |  |  |  |  |  |  |  |  |  |  |  | 2 | 28 |  |  |
| Monarda fistulosa subsp. Fistulosa | MONFIS |  |  |  |  |  |  |  |  |  |  |  | 2 | 1 |  |  |
| Ratibida pinnata | RATPIN |  |  |  |  |  |  |  |  |  |  |  | 1 | 5 |  |  |
| Hypericum punctatum | HYPPUN |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
| Rudbeckia subtomentosa | RUDSUB |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |
| Scirpus georgianus | SCIGEO |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |
| Coreopsis tripteris | CORTRI |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
| Eragrostis spectabilis | ERASPE |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Gentiana sp. | GENSPP |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Lespedeza cuneata | LESCUN |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Verbena hastata | VERHAS |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Lysimachia lanceolata | LYSLAN |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

| Scientific\_Name | SPP6 | 2019-06-13 | 2019-06-27 | 2019-07-10 | 2019-07-11 | 2019-07-26 | 2019-08-08 | 2019-08-22 | 2019-09-05 | 2019-09-19 | 2019-10-03 | 2019-10-17 | 2019-11-02 | 2019-11-14 | 2019-12-01 | 2019-12-12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Juncus sp. | JUNSPP | 233 | 318 |  | 52 | 34 |  |  | 2 |  |  |  |  |  |  |  |
| Cerastium sp. | CERSPP | 149 | 61 |  | 11 | 3 | 6 |  |  |  |  |  |  |  |  | 4 |
| Veronica sp. | VEROSP | 102 | 69 |  | 14 | 5 | 3 | 3 |  |  | 2 |  |  |  |  |  |
| Myosotis verna | MYOVER | 64 | 44 |  | 11 | 4 | 4 | 1 | 5 |  | 1 |  | 3 |  | 1 | 1 |
| Plantago virginica | PLAVIR | 50 | 58 |  | 38 | 5 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 |
| Triodanis perfoliata | TRIPER | 24 | 4 |  | 7 | 13 |  |  |  |  |  |  |  |  |  |  |
| Sphenopholis obtusata | SPHOBT | 14 | 6 |  | 1 |  |  |  | 1 |  | 1 | 1 |  |  |  |  |
| Geranium carolinianum | GERCAR | 11 | 15 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Capsella bursa-pastoris | CAPBUR | 5 | 12 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Alopecurus carolinianus | ALOCAR | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lepidium virginicum | LEPVIR | 2 | 10 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |
| Galium aparine | GALAPA | 2 | 9 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Thlaspi arvense | THLARV | 2 | 4 |  |  |  |  | 1 | 3 |  |  |  | 4 | 1 | 1 |  |
| Oxalis dillenii | OXADIL | 2 | 1 |  | 1 | 3 | 1 | 2 |  |  |  |  | 3 |  | 1 |  |
| Poa pratensis | POAPRA | 1 | 7 |  | 1 | 1 | 10 | 6 |  |  |  |  |  |  |  |  |
| Dichanthelium lanuginosum | DICLAN | 1 | 2 |  | 1 |  |  |  |  | 10 |  |  |  |  |  |  |
| Melilotus sp. | MELSPP | 1 |  |  |  |  |  | 2 | 1 | 9 | 1 |  |  | 1 |  |  |
| Platanus occidentalis | PLAOCC | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Erigeron sp. | ERISPP |  | 78 |  | 1876 | 2483 | 1290 | 625 | 58 | 63 | 40 |  |  |  |  |  |
| Digitaria ischaemum | DIGISC |  | 22 |  | 2 | 1 | 6 | 3 | 1 | 257 | 3637 | 7585 | 3643 | 883 | 556 | 163 |
| Setaria sp. | SETSPP |  | 16 |  |  |  | 1 | 5 | 16 | 208 | 1794 | 1484 | 979 | 107 | 188 | 24 |
| Anagallis minima | ANAMIN |  | 15 |  | 35 | 4 | 1 |  |  |  |  |  |  |  |  |  |
| Barbarea vulgaris | BARVUL |  | 7 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |
| Ambrosia artemisiifolia | AMBART |  | 2 |  |  |  | 1 |  | 4 |  | 15 | 25 | 13 | 3 | 8 | 2 |
| Medicago lupulina | MEDLUP |  | 1 |  |  | 1 |  | 2 | 11 | 2 |  | 1 |  |  |  |  |
| Kummerowia sp. | KUMSPP |  | 1 |  |  |  |  | 1 | 4 | 1 | 20 | 41 | 70 | 56 | 118 | 12 |
| Verbena hastata | VERHAS |  | 1 |  |  |  |  |  |  |  |  |  | 4 |  | 4 | 1 |
| Koeleria macrantha | KOEMAC |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Taraxacum officinale | TAROFF |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Scleria triglomerata | SCLTRI |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |
| Coreopsis lanceolata | CORLAN |  |  |  | 2 | 3 |  | 1 |  |  | 1 |  |  |  |  |  |
| Festuca arundinacea | FESARU |  |  |  | 1 |  |  |  | 1 |  |  |  |  |  |  |  |
| Carex bushii | CARBUS |  |  |  | 1 |  |  |  |  |  |  |  |  | 1 |  |  |
| Achillea millefolium | ACHMIL |  |  |  |  | 13 | 3 | 5 | 23 | 19 | 15 | 25 | 49 | 41 | 26 | 5 |
| Unknown spp | UNKSPP |  |  |  |  | 1 |  | 1 | 1 | 2 |  |  | 1 |  |  |  |
| Bromus japonicus | BROJAP |  |  |  |  |  | 27 | 5 |  | 4 |  |  |  |  | 21 | 1 |
| Cyperus echinatus | CYPECH |  |  |  |  |  | 21 | 174 | 108 | 11 | 12 | 24 | 24 | 22 | 19 | 7 |
| Acalypha virginica | ACAVIR |  |  |  |  |  | 2 | 1 | 5 | 21 | 38 | 16 | 12 |  | 1 |  |
| Rudbeckia hirta var. pulcherrima | RUDHIR |  |  |  |  |  | 1 |  | 1 | 4 | 20 | 41 | 75 | 28 | 54 | 5 |
| Ratibida pinnata | RATPIN |  |  |  |  |  |  | 1 | 15 | 11 | 137 | 78 | 117 | 48 | 89 | 5 |
| Pycnanthemum tenuifolium | PYCTEN |  |  |  |  |  |  | 1 |  |  |  | 1 | 1 | 1 |  |  |
| Eupatorium sp. | EUPSPP |  |  |  |  |  |  |  | 11 |  | 446 | 3453 | 5553 | 604 | 1196 | 63 |
| Eriochloa villosa | ERIVIL |  |  |  |  |  |  |  | 6 | 23 | 10 | 2 | 2 |  |  |  |
| Penstemon digitalis | PENDIG |  |  |  |  |  |  |  | 2 | 42 | 894 | 775 | 3462 | 1064 | 5298 | 100 |
| Festuca paradoxa | FESPAR |  |  |  |  |  |  |  | 1 | 4 | 3 | 5 | 1 | 2 |  |  |
| Strophostyles leiosperma | STRLEI |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |
| Chenopodium album | CHEALB |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| Chamaecrista fasciculata | CHAFAS |  |  |  |  |  |  |  |  | 468 | 431 | 87 | 52 | 31 | 29 | 11 |
| Desmodium sp. | DESSPP |  |  |  |  |  |  |  |  | 4 |  | 4 | 1 | 1 |  | 1 |
| Bidens aristosa | BIDARI |  |  |  |  |  |  |  |  | 3 | 30 | 61 | 24 | 1 | 4 |  |
| Vernonia sp. | VERSPP |  |  |  |  |  |  |  |  | 2 |  | 2 |  |  |  |  |
| Sorghastrum nutans | SORNUT |  |  |  |  |  |  |  |  | 1 | 19 | 24 | 25 | 15 | 8 |  |
| Conyza canadensis | CONCAN |  |  |  |  |  |  |  |  |  | 32 | 32 | 13 | 1 |  |  |
| Schizachyrium scoparium | SCHSCO |  |  |  |  |  |  |  |  |  | 5 | 1 | 1 | 1 | 1 |  |
| Panicum capillare | PANCAP |  |  |  |  |  |  |  |  |  | 4 | 2 |  |  |  |  |
| Echinochloa crus-galli | ECHCRU |  |  |  |  |  |  |  |  |  | 3 | 1 | 1 |  |  |  |
| Solidago altissima | SOLALT |  |  |  |  |  |  |  |  |  | 2 | 85 | 1426 | 745 | 577 | 23 |
| Rudbeckia subtomentosa | RUDSUB |  |  |  |  |  |  |  |  |  | 2 | 13 | 16 | 6 | 2 |  |
| Erechtites hieracifolius | EREHIE |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| Silphium integrifolium var. integrifolium | SILINT |  |  |  |  |  |  |  |  |  | 1 | 3 |  | 1 |  |  |
| Oenothera filiformis | OENFIL |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |
| Lespedeza capitata | LESCAP |  |  |  |  |  |  |  |  |  | 1 |  | 5 |  | 4 |  |
| Cirsium altissimum | CIRALT |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Leucanthemum vulgare | LEUVUL |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Vulpia octoflora | VULOCT |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Eragrostis spectabilis | ERASPE |  |  |  |  |  |  |  |  |  |  | 84 | 52 | 3 | 52 | 1 |
| Oenothera biennis | OENBIE |  |  |  |  |  |  |  |  |  |  | 41 | 62 | 22 | 3 | 1 |
| Coreopsis tripteris | CORTRI |  |  |  |  |  |  |  |  |  |  | 26 | 38 | 36 | 41 | 3 |
| Lespedeza cuneata | LESCUN |  |  |  |  |  |  |  |  |  |  | 20 | 64 | 13 | 166 | 6 |
| Hypericum punctatum | HYPPUN |  |  |  |  |  |  |  |  |  |  | 4 | 19 | 17 | 85 | 6 |
| Agalinis sp. | AGASPP |  |  |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |
| Tridens flavus | TRIFLA |  |  |  |  |  |  |  |  |  |  | 1 | 1 | 1 |  |  |
| Monarda fistulosa subsp. Fistulosa | MONFIS |  |  |  |  |  |  |  |  |  |  | 1 |  | 1 |  |  |
| Symphyotrichum sp. | SYMSPP |  |  |  |  |  |  |  |  |  |  |  | 84 | 318 | 1827 | 127 |
| Carex festucacea | CARFES |  |  |  |  |  |  |  |  |  |  |  | 8 |  |  |  |
| Pycnanthemum pilosum | PYCPIL |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |
| Boltonia asteroides | BOLAST |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 | 8 |  |
| Andropogon gerardii | ANDGER |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |  |  |
| Scirpus georgianus | SCIGEO |  |  |  |  |  |  |  |  |  |  |  | 1 |  | 1 |  |
| Amaranthus tuberculatus | AMATUB |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
| Daucus carota | DAUCAR |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
| Solidago rigida | SOLRIG |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 6 |  |
| Symphyotrichum novae-angliae | SYMNOV |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |  |
| Eryngium yuccifolium | ERYYUC |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| Cyperus strigosus | CYPSTR |  |  |  |  |  |  |  |  |  |  |  |  |  | 9 | 1 |
| Liatris pycnostachya var. pycnostachya | LIAPYC |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Mollugo verticillata | MOLVER |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Lespedeza virginica | LESVIR |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

| Scientific\_Name | SPP6 | 2019-06-13 | 2019-06-27 | 2019-07-10 | 2019-07-11 | 2019-07-26 | 2019-08-08 | 2019-08-22 | 2019-09-05 | 2019-09-19 | 2019-10-03 | 2019-10-17 | 2019-11-02 | 2019-11-14 | 2019-12-01 | 2019-12-12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sphenopholis obtusata | SPHOBT | 1159 | 863 |  | 72 | 116 | 5 | 2 | 38 | 8 |  | 3 | 11 |  | 45 | 1 |
| Coreopsis lanceolata | CORLAN | 143 | 53 |  | 46 | 39 | 1 | 7 | 28 | 15 | 4 | 7 | 9 |  | 6 |  |
| Plantago virginica | PLAVIR | 42 | 22 |  | 6 | 9 | 1 | 3 | 5 |  | 7 | 5 | 8 | 7 | 9 | 1 |
| Juncus sp. | JUNSPP | 27 | 2511 |  | 512 | 189 | 51 | 10 | 73 |  |  |  |  |  | 98 |  |
| Cerastium sp. | CERSPP | 9 | 10 |  | 1 | 1 |  | 1 | 1 | 1 |  |  |  |  |  |  |
| Poa pratensis | POAPRA | 5 | 51 |  | 298 | 44 | 12 | 8 | 25 | 28 | 2 | 4 | 5 |  | 1 | 1 |
| Veronica sp. | VEROSP | 5 | 8 |  | 2 | 2 | 2 | 3 | 2 | 3 | 1 |  |  |  |  |  |
| Myosotis verna | MYOVER | 4 | 4 |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  |
| Hordeum pusillum | HORPUS | 3 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ratibida pinnata | RATPIN | 2 | 1 |  | 1 | 12 |  | 1 | 21 | 27 | 20 | 41 | 45 | 9 | 47 |  |
| Geranium carolinianum | GERCAR | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Carex bushii | CARBUS | 1 | 12 |  | 7 | 9 | 1 | 1 | 4 | 2 |  | 1 | 2 | 1 | 2 | 1 |
| Unknown spp | UNKSPP | 1 | 2 |  |  | 1 |  | 1 | 4 |  | 2 |  |  |  |  |  |
| Galium aparine | GALAPA | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Erigeron sp. | ERISPP |  | 70 |  | 528 | 432 | 84 | 66 | 3 | 7 |  |  |  |  |  |  |
| Monarda fistulosa subsp. Fistulosa | MONFIS |  | 18 |  |  | 4 | 4 | 8 | 35 | 32 | 107 | 24 | 44 | 16 | 64 |  |
| Setaria sp. | SETSPP |  | 14 |  | 11 |  |  |  | 7 | 60 | 275 | 205 | 115 | 70 | 54 |  |
| Coreopsis palmata | CORPAL |  | 13 |  | 17 | 3 | 1 |  |  |  |  |  |  |  |  |  |
| Festuca arundinacea | FESARU |  | 9 |  | 2 |  | 1 |  |  |  |  |  |  |  |  |  |
| Carex cephalophora | CARCEP |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Medicago lupulina | MEDLUP |  | 6 |  | 52 | 95 | 65 | 76 | 50 | 24 | 7 | 7 |  | 1 | 5 |  |
| Bromus japonicus | BROJAP |  | 4 |  | 5 | 2 | 1 |  | 5 |  |  |  |  |  | 4 |  |
| Barbarea vulgaris | BARVUL |  | 4 |  | 2 | 1 |  |  | 3 | 2 |  | 2 |  | 3 | 7 | 1 |
| Oxalis dillenii | OXADIL |  | 2 |  |  |  |  | 1 |  |  |  | 1 | 5 | 3 |  |  |
| Rumex crispus | RUMCRI |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pycnanthemum tenuifolium | PYCTEN |  | 1 |  |  | 5 | 2 | 2 | 8 | 215 | 230 | 92 | 453 | 306 | 356 | 37 |
| Eryngium yuccifolium | ERYYUC |  | 1 |  |  | 1 |  |  |  |  | 4 | 14 | 32 | 21 | 14 | 3 |
| Persicaria longiseta | PERLON |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Koeleria macrantha | KOEMAC |  |  |  | 65 | 107 | 17 | 10 | 58 | 7 |  |  |  |  | 1 |  |
| Melilotus sp. | MELSPP |  |  |  | 22 | 16 | 22 | 103 | 79 | 119 | 50 | 15 | 14 | 8 | 6 |  |
| Anagallis minima | ANAMIN |  |  |  | 17 | 9 |  |  | 2 | 9 |  |  |  |  |  |  |
| Scirpus pendulus | SCIPEN |  |  |  | 7 | 16 |  |  |  |  |  | 1 | 5 | 1 | 2 |  |
| Blephilia ciliata | BLECIL |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Lepidium virginicum | LEPVIR |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |
| Rudbeckia hirta var. pulcherrima | RUDHIR |  |  |  |  | 36 |  |  | 9 | 11 | 99 | 22 | 45 | 41 | 34 | 14 |
| Cyperus acuminatus | CYPACU |  |  |  |  | 18 |  | 8 | 25 | 1 |  |  | 3 |  | 3 |  |
| Festuca paradoxa | FESPAR |  |  |  |  | 4 | 5 | 2 | 7 | 11 | 5 | 3 | 1 | 1 | 5 |  |
| Cyperus echinatus | CYPECH |  |  |  |  | 3 | 1 | 7 | 6 | 6 | 1 | 7 | 6 | 1 | 11 |  |
| Lythrum alatum | LYTALA |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |
| Ambrosia artemisiifolia | AMBART |  |  |  |  | 1 |  |  |  |  | 2 | 1 |  |  |  |  |
| Dianthus armeria | DIAARM |  |  |  |  |  | 1 |  |  |  |  |  |  |  | 2 |  |
| Penstemon digitalis | PENDIG |  |  |  |  |  |  | 6 | 6 | 36 | 322 | 158 | 772 | 1249 | 1757 | 21 |
| Digitaria ischaemum | DIGISC |  |  |  |  |  |  | 2 | 13 | 210 | 1097 | 421 | 195 | 72 | 36 | 2 |
| Eragrostis spectabilis | ERASPE |  |  |  |  |  |  |  | 3 | 13 | 8 | 3 | 38 | 14 | 778 | 1 |
| Sorghastrum nutans | SORNUT |  |  |  |  |  |  |  | 2 | 39 | 127 | 362 | 539 | 149 | 223 | 5 |
| Acalypha virginica | ACAVIR |  |  |  |  |  |  |  | 2 | 1 | 4 | 5 | 1 |  |  |  |
| Schizachyrium scoparium | SCHSCO |  |  |  |  |  |  |  | 1 | 14 | 79 | 24 | 35 | 18 | 15 | 2 |
| Bidens aristosa | BIDARI |  |  |  |  |  |  |  | 1 | 2 | 4 | 5 | 8 |  | 5 |  |
| Pycnanthemum pilosum | PYCPIL |  |  |  |  |  |  |  | 1 |  | 7 | 23 | 46 | 13 | 44 | 2 |
| Thlaspi arvense | THLARV |  |  |  |  |  |  |  | 1 |  |  |  |  | 1 | 1 | 1 |
| Dichanthelium lanuginosum | DICLAN |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| Echinacea pallida | ECHPAL |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| Desmodium sp. | DESSPP |  |  |  |  |  |  |  |  | 2 | 1 |  | 1 |  | 1 |  |
| Andropogon gerardii | ANDGER |  |  |  |  |  |  |  |  | 2 |  | 28 | 52 | 4 | 24 | 1 |
| Chamaecrista fasciculata | CHAFAS |  |  |  |  |  |  |  |  | 1 | 5 | 1 |  |  |  |  |
| Kummerowia sp. | KUMSPP |  |  |  |  |  |  |  |  | 1 | 2 | 5 | 4 |  | 12 |  |
| Eupatorium sp. | EUPSPP |  |  |  |  |  |  |  |  |  | 54 | 88 | 153 | 18 | 23 | 1 |
| Rudbeckia subtomentosa | RUDSUB |  |  |  |  |  |  |  |  |  | 17 | 12 | 175 | 44 | 50 | 6 |
| Lespedeza capitata | LESCAP |  |  |  |  |  |  |  |  |  | 14 | 4 | 1 | 1 | 2 | 1 |
| Lespedeza cuneata | LESCUN |  |  |  |  |  |  |  |  |  | 9 | 34 | 66 | 44 | 101 | 5 |
| Lespedeza virginica | LESVIR |  |  |  |  |  |  |  |  |  | 4 | 5 | 5 | 6 | 1 | 1 |
| Conyza canadensis | CONCAN |  |  |  |  |  |  |  |  |  | 3 | 1 | 2 | 1 |  |  |
| Oenothera biennis | OENBIE |  |  |  |  |  |  |  |  |  | 2 |  | 1 |  | 2 | 1 |
| Silphium integrifolium var. integrifolium | SILINT |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| Helianthus mollis | HELMOL |  |  |  |  |  |  |  |  |  | 1 | 90 | 2 | 2 |  |  |
| Tridens flavus | TRIFLA |  |  |  |  |  |  |  |  |  | 1 | 2 |  |  |  |  |
| Echinochloa crus-galli | ECHCRU |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |
| Solidago altissima | SOLALT |  |  |  |  |  |  |  |  |  |  | 27 | 286 | 67 | 47 | 1 |
| Coreopsis tripteris | CORTRI |  |  |  |  |  |  |  |  |  |  | 10 | 4 | 6 | 2 |  |
| Boltonia asteroides | BOLAST |  |  |  |  |  |  |  |  |  |  | 7 | 26 | 25 | 44 | 3 |
| Symphyotrichum sp. | SYMSPP |  |  |  |  |  |  |  |  |  |  | 2 | 12 | 38 | 78 | 1 |
| Amaranthus tuberculatus | AMATUB |  |  |  |  |  |  |  |  |  |  | 1 |  |  | 3 | 3 |
| Solidago rigida | SOLRIG |  |  |  |  |  |  |  |  |  |  |  | 11 | 19 | 25 |  |
| Agalinis sp. | AGASPP |  |  |  |  |  |  |  |  |  |  |  | 3 | 1 | 1 |  |
| Liatris pycnostachya var. pycnostachya | LIAPYC |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |
| Eleocharis sp. 1 | ELESPP1 |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
| Symphyotrichum novae-angliae | SYMNOV |  |  |  |  |  |  |  |  |  |  |  |  | 13 | 3 |  |
| Sporobolus compositus | SPOCOM |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3 |  |
| Linum sulcatum var. sulcatum | LINSUL |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |
| Sporobolus heterolepis | SPOHET |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| Solidago nemoralis | SOLNEM |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |
| Panicum capillare | PANCAP |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |
| Hypericum punctatum | HYPPUN |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |

| Scientific\_Name | SPP6 | 2019-06-13 | 2019-06-27 | 2019-07-10 | 2019-07-11 | 2019-07-26 | 2019-08-08 | 2019-08-22 | 2019-09-05 | 2019-09-19 | 2019-10-03 | 2019-10-17 | 2019-11-02 | 2019-11-14 | 2019-12-01 | 2019-12-12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Agrostis hyemalis var. hyemalis | AGRHYE | 1576 | 1103 |  | 53 | 11 |  | 4 | 2 |  |  | 4 |  |  |  |  |
| Juncus sp. | JUNSPP | 669 | 4104 |  | 217 | 155 | 27 | 56 | 28 |  |  |  |  |  |  |  |
| Sphenopholis obtusata | SPHOBT | 150 | 70 |  |  | 4 | 2 |  |  |  |  |  |  |  |  |  |
| Carex bushii | CARBUS | 16 | 9 |  | 20 | 10 | 6 | 2 | 1 | 1 |  | 2 | 4 |  | 2 |  |
| Alopecurus carolinianus | ALOCAR | 14 | 1 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Anagallis minima | ANAMIN | 11 |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |
| Carex festucacea | CARFES | 10 | 84 |  | 85 | 51 | 11 | 16 | 130 | 12 | 12 | 5 | 17 | 2 | 7 |  |
| Poa pratensis | POAPRA | 10 | 4 |  | 3 |  |  |  |  |  |  |  |  |  |  |  |
| Penstemon digitalis | PENDIG | 4 |  |  |  | 35 |  |  |  | 1 | 22 | 58 | 152 | 106 | 277 | 7 |
| Tradescantia ohiensis | TRAOHI | 3 | 66 |  | 33 | 12 |  | 7 |  |  | 1 |  | 1 | 1 |  |  |
| Plantago virginica | PLAVIR | 2 | 2 |  | 2 |  |  |  |  |  |  |  |  |  |  |  |
| Capsella bursa-pastoris | CAPBUR | 2 |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |
| Oxalis dillenii | OXADIL | 1 | 1 |  |  |  | 1 |  |  |  | 1 | 2 | 3 | 1 |  |  |
| Unknown spp | UNKSPP | 1 | 1 |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |
| Eryngium yuccifolium | ERYYUC | 1 |  |  | 3 |  | 7 | 1 | 9 | 6 | 46 | 92 | 110 | 23 | 47 | 1 |
| Veronica sp. | VEROSP | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vulpia octoflora | VULOCT |  | 14 |  | 7 | 1 | 1 | 2 |  |  |  |  |  |  |  |  |
| Achillea millefolium | ACHMIL |  | 14 |  |  |  |  |  |  |  |  |  | 2 |  |  |  |
| Myosotis verna | MYOVER |  | 5 |  |  |  |  |  |  | 1 |  |  |  |  |  |  |
| Lepidium virginicum | LEPVIR |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |
| Erigeron sp. | ERISPP |  |  |  | 10 | 6 | 9 | 1 | 1 | 5 |  |  |  |  |  |  |
| Andropogon gerardii | ANDGER |  |  |  | 1 |  |  |  |  | 1 | 10 | 9 | 11 | 1 | 9 |  |
| Carex annectens | CARANN |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |
| Melilotus sp. | MELSPP |  |  |  |  | 6 | 29 | 57 | 45 | 28 | 10 | 7 | 2 |  | 1 |  |
| Amorpha canescens | AMOCAN |  |  |  |  | 4 | 1 | 1 |  | 1 |  |  | 1 | 2 | 13 |  |
| Cyperus acuminatus | CYPACU |  |  |  |  | 2 |  |  | 5 | 4 | 12 | 5 | 6 | 4 | 7 |  |
| Pycnanthemum tenuifolium | PYCTEN |  |  |  |  | 1 | 1 |  | 7 | 10 | 60 | 51 | 85 | 54 | 112 |  |
| Medicago lupulina | MEDLUP |  |  |  |  | 1 |  |  |  | 9 | 3 |  |  |  |  |  |
| Ratibida pinnata | RATPIN |  |  |  |  | 1 |  |  |  |  |  | 1 | 4 |  |  |  |
| Festuca paradoxa | FESPAR |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| Acalypha virginica | ACAVIR |  |  |  |  |  | 1 |  | 1 | 1 |  | 1 |  |  |  |  |
| Mollugo verticillata | MOLVER |  |  |  |  |  |  | 2 | 1 |  |  |  | 1 |  | 7 |  |
| Kummerowia sp. | KUMSPP |  |  |  |  |  |  | 1 |  |  |  | 9 | 7 | 3 |  |  |
| Sorghastrum nutans | SORNUT |  |  |  |  |  |  |  | 1 | 12 | 140 | 242 | 237 | 107 | 108 | 4 |
| Chamaecrista fasciculata | CHAFAS |  |  |  |  |  |  |  |  | 13 | 31 | 5 | 3 |  |  |  |
| Oenothera filiformis | OENFIL |  |  |  |  |  |  |  |  | 6 | 24 | 3 | 3 |  |  |  |
| Desmodium sp. | DESSPP |  |  |  |  |  |  |  |  | 5 | 6 | 6 |  |  | 1 | 1 |
| Rudbeckia hirta var. pulcherrima | RUDHIR |  |  |  |  |  |  |  |  | 2 | 61 | 4 | 88 | 7 | 32 |  |
| Strophostyles leiosperma | STRLEI |  |  |  |  |  |  |  |  | 2 | 3 |  |  |  |  |  |
| Schizachyrium scoparium | SCHSCO |  |  |  |  |  |  |  |  | 1 | 69 | 61 | 108 | 49 | 31 | 1 |
| Lespedeza capitata | LESCAP |  |  |  |  |  |  |  |  |  | 21 | 37 | 76 | 5 | 33 | 3 |
| Rudbeckia subtomentosa | RUDSUB |  |  |  |  |  |  |  |  |  | 14 | 12 | 36 | 22 | 21 | 2 |
| Lespedeza virginica | LESVIR |  |  |  |  |  |  |  |  |  | 4 | 88 | 279 | 61 | 127 | 8 |
| Monarda fistulosa subsp. Fistulosa | MONFIS |  |  |  |  |  |  |  |  |  | 2 |  | 2 |  |  |  |
| Silphium integrifolium var. integrifolium | SILINT |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| Heliopsis helianthoides | HELHEL |  |  |  |  |  |  |  |  |  | 1 | 1 | 7 |  |  |  |
| Conyza canadensis | CONCAN |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Cyperus echinatus | CYPECH |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Echinochloa crus-galli | ECHCRU |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Lespedeza cuneata | LESCUN |  |  |  |  |  |  |  |  |  |  | 30 | 29 | 35 | 267 | 95 |
| Tridens flavus | TRIFLA |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |
| Solidago altissima | SOLALT |  |  |  |  |  |  |  |  |  |  | 1 | 90 | 11 | 10 | 1 |
| Vernonia sp. | VERSPP |  |  |  |  |  |  |  |  |  |  | 1 | 1 | 1 | 1 |  |
| Cerastium sp. | CERSPP |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Ipomoea hederacea | IPOHED |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Salvia azurea | SALAZU |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| Symphyotrichum sp. | SYMSPP |  |  |  |  |  |  |  |  |  |  |  | 1 | 19 | 70 | 7 |
| Gentiana sp. | GENSPP |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 | 21 | 2 |
| Helianthus mollis | HELMOL |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
| Coreopsis tripteris | CORTRI |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
| Sporobolus compositus | SPOCOM |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
| Baptisia alba var. macrophylla | BAPALB |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 5 |  |
| Eupatorium sp. | EUPSPP |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |
| Eragrostis spectabilis | ERASPE |  |  |  |  |  |  |  |  |  |  |  |  |  | 13 |  |
| Pycnanthemum pilosum | PYCPIL |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 3 |
| Boltonia asteroides | BOLAST |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |
| Carex bicknellii | CARBIC |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Setaria sp. | SETSPP |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Solidago nemoralis | SOLNEM |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |