**Table S1**

List of all 438 species in our analysis showing the total number of unique collecting events represented in our database (sample size) and the last year the species was collected. We first show the GLM model output for the 187 native and 10 exotic species, each of which represented by 30 or more unique collection events, for which we modeled changes in relative abundance over time. The response variable was the proportion of specimens in a given year that belonged to the species, with collection year as the predictor. Negative estimates indicate declining trends. We considered *Megachile centuncularis* to be native but its status is unclear. For species for which we did not have sufficient data for modeling changes in relative abundance over time, we list the sample size and the last date of collection only. Plots of the GLM models are accessible in figshare <http://dx.doi.org/10.6084/m9.figshare.153881>.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Species | Estimate | SE | p-value | Sample size | Last year collected |
| **Declining species** |  |  |  |  |  |
| *Andrena barbilabris* | -0.0095 | 0.0024 | 0.0001 | 121 | 2010 |
| *Andrena bisalicis \** | -0.0075 | 0.0029 | 0.0108 | 82 | 2011 |
| *Andrena brevipalpis* | -0.0074 | 0.0027 | 0.0059 | 99 | 2011 |
| *Andrena canadensis* | -0.0067 | 0.0033 | 0.0441 | 65 | 2010 |
| *Andrena carlini* | -0.0047 | 0.0016 | 0.0038 | 620 | 2011 |
| *Andrena crataegi* | -0.0070 | 0.0018 | 0.0001 | 584 | 2011 |
| *Andrena distans* | -0.0116 | 0.0038 | 0.0025 | 47 | 2011 |
| *Andrena erigeniae* | -0.0100 | 0.0046 | 0.0287 | 33 | 2009 |
| *Andrena erythrogaster* | -0.0239 | 0.0038 | 0.0000 | 54 | 2004 |
| *Andrena geranii* | -0.0115 | 0.0044 | 0.0086 | 36 | 2002 |
| *Andrena integra* | -0.0079 | 0.0032 | 0.0136 | 68 | 2002 |
| *Andrena nubecula* | -0.0068 | 0.0029 | 0.0218 | 177 | 2010 |
| *Andrena placata* | -0.0088 | 0.0042 | 0.0373 | 88 | 2010 |
| *Andrena regularis* | -0.0089 | 0.0037 | 0.0179 | 50 | 2010 |
| *Andrena salictaria* | -0.0100 | 0.0036 | 0.0051 | 55 | 2005 |
| *Andrena sigmundi \** | -0.0119 | 0.0036 | 0.0008 | 55 | 2002 |
| *Andrena w-scripta \** | -0.0104 | 0.0046 | 0.0239 | 83 | 2006 |
| *Bombus affinis \*\** | -0.0286 | 0.0146 | 0.0499 | 425 | 2001 |
| *Bombus ashtoni \*\** | -0.0238 | 0.0126 | 0.0500 | 96 | 1997 |
| *Bombus auricomus* | -0.0087 | 0.0044 | 0.0494 | 31 | 2011 |
| *Bombus borealis* | -0.0394 | 0.0066 | 0.0000 | 47 | 2001 |
| *Bombus fervidus* | -0.0051 | 0.0016 | 0.0017 | 472 | 2011 |
| *Bombus pensylvanicus \*\** | -0.0306 | 0.0144 | 0.0334 | 235 | 2006 |
| *Bombus ternarius* | -0.0142 | 0.0024 | 0.0000 | 255 | 2011 |
| *Bombus terricola* | -0.0071 | 0.0023 | 0.0025 | 513 | 2010 |
| *Bombus vagans* | -0.0081 | 0.0013 | 0.0000 | 733 | 2011 |
| *Coelioxys modesta* | -0.0096 | 0.0039 | 0.0147 | 45 | 2003 |
| *Coelioxys octodentata* | -0.0085 | 0.0036 | 0.0179 | 55 | 2011 |
| *Coelioxys rufitarsis* | -0.0127 | 0.0031 | 0.0000 | 73 | 2011 |
| *Colletes compactus* | -0.0068 | 0.0034 | 0.0458 | 137 | 2010 |
| *Colletes validus* | -0.0151 | 0.0037 | 0.0000 | 52 | 2009 |
| *Epeolus scutellaris* | -0.0087 | 0.0035 | 0.0134 | 57 | 2010 |
| *Halictus rubicundus* | -0.0076 | 0.0019 | 0.0001 | 199 | 2011 |
| *Lasioglossum cinctipes* | -0.0108 | 0.0029 | 0.0002 | 83 | 2011 |
| *Lasioglossum heterognathum* | -0.0061 | 0.0030 | 0.0448 | 77 | 2011 |
| *Lasioglossum imitatum* | -0.0095 | 0.0021 | 0.0000 | 326 | 2011 |
| *Lasioglossum leucocomum \** | -0.0091 | 0.0032 | 0.0045 | 68 | 2011 |
| *Lasioglossum perpunctatum* | -0.0112 | 0.0039 | 0.0044 | 45 | 2003 |
| *Lasioglossum pilosum \** | -0.0064 | 0.0024 | 0.0079 | 221 | 2011 |
| *Lasioglossum truncatum* | -0.0228 | 0.0035 | 0.0000 | 64 | 2002 |
| *Macropis ciliata* | -0.0188 | 0.0048 | 0.0001 | 32 | 2008 |
| *Macropis nuda* | -0.0136 | 0.0031 | 0.0000 | 71 | 2009 |
| *Macropis patellata* | -0.0304 | 0.0054 | 0.0000 | 32 | 1991 |
| *Megachile brevis* | -0.0093 | 0.0035 | 0.0081 | 137 | 2011 |
| *Megachile frigida* | -0.0116 | 0.0038 | 0.0023 | 48 | 2011 |
| *Megachile inermis* | -0.0302 | 0.0053 | 0.0000 | 32 | 2004 |
| *Megachile latimanus* | -0.0230 | 0.0038 | 0.0000 | 188 | 2011 |
| *Megachile melanophaea* | -0.0206 | 0.0072 | 0.0050 | 52 | 2011 |
| *Megachile relativa* | -0.0093 | 0.0031 | 0.0023 | 75 | 2011 |
| *Melissodes druriella* | -0.0113 | 0.0026 | 0.0000 | 103 | 2010 |
| *Osmia atriventris* | -0.0079 | 0.0023 | 0.0005 | 136 | 2011 |
| *Osmia lignaria* | -0.0225 | 0.0038 | 0.0000 | 130 | 2010 |
| *Peponapis pruinosa* | -0.0201 | 0.0035 | 0.0000 | 61 | 2011 |
| **Stable species** |  |  |  |  |  |
| *Agapostemon splendens* | 0.0073 | 0.0044 | 0.0978 | 49 | 2011 |
| *Andrena algida* | -0.0013 | 0.0047 | 0.7794 | 35 | 2006 |
| *Andrena alleghaniensis* | 0.0049 | 0.0032 | 0.1281 | 85 | 2011 |
| *Andrena arabis* | -0.0032 | 0.0042 | 0.4417 | 154 | 2003 |
| *Andrena asteris* | -0.0058 | 0.0034 | 0.0906 | 62 | 2008 |
| *Andrena braccata* | 0.0002 | 0.0031 | 0.9588 | 80 | 2010 |
| *Andrena bradleyi* | -0.0027 | 0.0028 | 0.3297 | 97 | 2011 |
| *Andrena ceanothi* | -0.0014 | 0.0047 | 0.7577 | 35 | 2006 |
| *Andrena commoda* | -0.0019 | 0.0034 | 0.5641 | 67 | 2008 |
| *Andrena cressonii* | -0.0012 | 0.0021 | 0.5733 | 253 | 2011 |
| *Andrena dunningi* | -0.0045 | 0.0029 | 0.1285 | 85 | 2011 |
| *Andrena erythronii* | -0.0030 | 0.0042 | 0.4690 | 42 | 2006 |
| *Andrena forbesii* | -0.0014 | 0.0022 | 0.5191 | 285 | 2011 |
| *Andrena fragilis* | -0.0023 | 0.0029 | 0.4244 | 92 | 2011 |
| *Andrena frigida* | -0.0003 | 0.0031 | 0.9273 | 79 | 2011 |
| *Andrena hippotes* | 0.0024 | 0.0028 | 0.3833 | 229 | 2011 |
| *Andrena hirticincta* | -0.0048 | 0.0028 | 0.0868 | 259 | 2011 |
| *Andrena imitatrix* | -0.0017 | 0.0021 | 0.4244 | 285 | 2011 |
| *Andrena mandibularis* | -0.0039 | 0.0034 | 0.2418 | 65 | 2010 |
| *Andrena melanochroa* | -0.0057 | 0.0041 | 0.1674 | 42 | 2002 |
| *Andrena milwaukeensis* | -0.0009 | 0.0036 | 0.7948 | 151 | 2011 |
| *Andrena miranda* | -0.0056 | 0.0031 | 0.0737 | 74 | 2011 |
| *Andrena miserabilis* | -0.0032 | 0.0018 | 0.0758 | 422 | 2011 |
| *Andrena nasonii* | -0.0016 | 0.0020 | 0.4015 | 532 | 2011 |
| *Andrena nigrihirta* | 0.0043 | 0.0051 | 0.3971 | 34 | 2002 |
| *Andrena nivalis* | -0.0031 | 0.0030 | 0.3104 | 156 | 2010 |
| *Andrena perplexa* | 0.0023 | 0.0034 | 0.5003 | 143 | 2011 |
| *Andrena persimulata* | -0.0006 | 0.0045 | 0.8941 | 39 | 2000 |
| *Andrena platyparia* | -0.0020 | 0.0038 | 0.5981 | 96 | 2010 |
| *Andrena robertsonii* | 0.0032 | 0.0033 | 0.3428 | 129 | 2009 |
| *Andrena rugosa* | 0.0020 | 0.0029 | 0.4894 | 272 | 2011 |
| *Andrena simplex* | -0.0033 | 0.0040 | 0.4054 | 47 | 2010 |
| *Andrena spiraeana* | 0.0031 | 0.0028 | 0.2652 | 106 | 2011 |
| *Andrena thaspii* | -0.0002 | 0.0036 | 0.9507 | 132 | 2011 |
| *Andrena vicina* | -0.0026 | 0.0019 | 0.1734 | 429 | 2011 |
| *Andrena virginiana* | -0.0011 | 0.0043 | 0.7965 | 41 | 2006 |
| *Andrena ziziae* | -0.0066 | 0.0042 | 0.1104 | 41 | 2011 |
| *Anthophora terminalis* | -0.0006 | 0.0034 | 0.8711 | 67 | 2011 |
| *Bombus sandersoni* | -0.0035 | 0.0034 | 0.3177 | 119 | 2009 |
| *Coelioxys sayi* | -0.0015 | 0.0033 | 0.6588 | 133 | 2011 |
| *Colletes americanus* | 0.0036 | 0.0028 | 0.1916 | 110 | 2010 |
| *Colletes inaequalis* | -0.0030 | 0.0020 | 0.1319 | 190 | 2011 |
| *Colletes kincaidii* | -0.0064 | 0.0043 | 0.1329 | 39 | 1976 |
| *Colletes simulans* | 0.0004 | 0.0027 | 0.8699 | 179 | 2010 |
| *Epeolus pusillus* | -0.0074 | 0.0047 | 0.1143 | 32 | 2009 |
| *Heriades carinata* | 0.0013 | 0.0034 | 0.7042 | 69 | 2011 |
| *Hoplitis pilosifrons* | 0.0000 | 0.0040 | 0.9982 | 50 | 2011 |
| *Hoplitis producta* | 0.0025 | 0.0034 | 0.4585 | 73 | 2011 |
| *Hylaeus affinis \** | -0.0020 | 0.0035 | 0.5716 | 61 | 2010 |
| *Hylaeus mesillae* | -0.0029 | 0.0020 | 0.1468 | 187 | 2011 |
| *Lasioglossum acuminatum* | 0.0092 | 0.0054 | 0.0854 | 35 | 2010 |
| *Lasioglossum coeruleum* | 0.0013 | 0.0035 | 0.7098 | 65 | 2011 |
| *Lasioglossum coriaceum* | 0.0002 | 0.0022 | 0.9262 | 163 | 2011 |
| *Lasioglossum divergens* | 0.0030 | 0.0050 | 0.5434 | 34 | 2002 |
| *Lasioglossum lineatulum* | 0.0057 | 0.0041 | 0.1633 | 108 | 2011 |
| *Lasioglossum macoupinense* | 0.0002 | 0.0036 | 0.9477 | 60 | 2011 |
| *Lasioglossum nymphaearum* | 0.0035 | 0.0028 | 0.2020 | 220 | 2011 |
| *Lasioglossum oenotherae* | 0.0033 | 0.0050 | 0.5121 | 34 | 2011 |
| *Lasioglossum smilacinae \** | -0.0026 | 0.0039 | 0.5065 | 49 | 2011 |
| *Lasioglossum vierecki* | -0.0061 | 0.0044 | 0.1670 | 37 | 2011 |
| *Lasioglossum zephyrum* | -0.0018 | 0.0023 | 0.4454 | 222 | 2011 |
| *Megachile centuncularis* | -0.0074 | 0.0042 | 0.0767 | 95 | 2011 |
| *Megachile gemula* | 0.0026 | 0.0031 | 0.4005 | 89 | 2011 |
| *Megachile mendica* | -0.0014 | 0.0027 | 0.5918 | 354 | 2011 |
| *Megachile pugnata* | -0.0070 | 0.0042 | 0.0900 | 41 | 2011 |
| *Megachile texana* | -0.0014 | 0.0056 | 0.8099 | 92 | 2011 |
| *Melissodes bimaculata* | -0.0039 | 0.0037 | 0.2865 | 118 | 2011 |
| *Melissodes desponsa* | 0.0026 | 0.0056 | 0.6512 | 90 | 2010 |
| *Nomada articulata* | 0.0046 | 0.0029 | 0.1137 | 102 | 2011 |
| *Nomada denticulata* | 0.0038 | 0.0045 | 0.3961 | 42 | 2011 |
| *Nomada illinoensis \** | -0.0025 | 0.0049 | 0.6058 | 31 | 2011 |
| *Osmia bucephala* | 0.0016 | 0.0034 | 0.6499 | 69 | 2011 |
| *Osmia pumila* | 0.0020 | 0.0030 | 0.5070 | 187 | 2011 |
| *Perdita octomaculata* | -0.0050 | 0.0049 | 0.3078 | 30 | 2010 |
| *Pseudopanurgus andrenoides* | 0.0075 | 0.0047 | 0.1106 | 43 | 2009 |
| *Sphecodes aroniae* | 0.0067 | 0.0051 | 0.1897 | 36 | 2011 |
| *Sphecodes confertus* | 0.0008 | 0.0033 | 0.8187 | 74 | 2010 |
| *Sphecodes dichrous* | -0.0038 | 0.0039 | 0.3293 | 49 | 2011 |
| *Sphecodes ranunculi* | -0.0033 | 0.0039 | 0.4009 | 49 | 2007 |
| **Increasing species** |  |  |  |  |  |
| *Agapostemon sericeus* | 0.0054 | 0.0024 | 0.0222 | 264 | 2011 |
| *Agapostemon texanus* | 0.0101 | 0.0045 | 0.0263 | 50 | 2011 |
| *Agapostemon virescens* | 0.0052 | 0.0026 | 0.0480 | 351 | 2011 |
| *Andrena carolina* | 0.0095 | 0.0033 | 0.0044 | 91 | 2010 |
| *Andrena nuda* | 0.0174 | 0.0041 | 0.0000 | 81 | 2011 |
| *Andrena pruni* | 0.0220 | 0.0039 | 0.0000 | 103 | 2011 |
| *Andrena rufosignata* | 0.0099 | 0.0038 | 0.0088 | 72 | 2011 |
| *Andrena tridens* | 0.0136 | 0.0056 | 0.0154 | 37 | 2011 |
| *Augochlora pura* | 0.0057 | 0.0024 | 0.0200 | 328 | 2011 |
| *Augochlorella aurata* | 0.0042 | 0.0021 | 0.0466 | 536 | 2011 |
| *Augochloropsis metallica* | 0.0064 | 0.0025 | 0.0086 | 154 | 2011 |
| *Bombus bimaculatus* | 0.0090 | 0.0016 | 0.0000 | 503 | 2011 |
| *Bombus citrinus* | 0.0148 | 0.0027 | 0.0000 | 293 | 2011 |
| *Bombus griseocollis* | 0.0245 | 0.0031 | 0.0000 | 340 | 2011 |
| *Bombus impatiens* | 0.0067 | 0.0013 | 0.0000 | 1288 | 2011 |
| *Bombus perplexus* | 0.0063 | 0.0013 | 0.0000 | 386 | 2011 |
| *Calliopsis andreniformis* | 0.0073 | 0.0029 | 0.0117 | 113 | 2011 |
| *Ceratina calcarata \** | 0.0194 | 0.0030 | 0.0000 | 302 | 2011 |
| *Ceratina dupla (sensu lato) \** | 0.0151 | 0.0036 | 0.0000 | 181 | 2011 |
| *Ceratina strenua* | 0.0130 | 0.0046 | 0.0056 | 126 | 2011 |
| *Chelostoma philadelphi* | 0.0124 | 0.0058 | 0.0326 | 33 | 2011 |
| *Colletes thoracicus* | 0.0217 | 0.0039 | 0.0000 | 105 | 2011 |
| *Halictus confusus* | 0.0041 | 0.0015 | 0.0059 | 400 | 2011 |
| *Halictus ligatus* | 0.0073 | 0.0017 | 0.0000 | 713 | 2011 |
| *Halictus parallelus* | 0.1022 | 0.0253 | 0.0001 | 35 | 2010 |
| *Hylaeus modestus \** | 0.0149 | 0.0025 | 0.0000 | 197 | 2011 |
| *Lasioglossum anomalum* | 0.0270 | 0.0079 | 0.0006 | 31 | 2009 |
| *Lasioglossum bruneri* | 0.0254 | 0.0054 | 0.0000 | 61 | 2011 |
| *Lasioglossum cressonii* | 0.0060 | 0.0017 | 0.0003 | 330 | 2011 |
| *Lasioglossum ephialtum \** | 0.0283 | 0.0048 | 0.0000 | 87 | 2011 |
| *Lasioglossum foxii* | 0.0118 | 0.0032 | 0.0003 | 104 | 2011 |
| *Lasioglossum fuscipenne* | 0.0195 | 0.0042 | 0.0000 | 82 | 2011 |
| *Lasioglossum mitchelli \** | 0.0088 | 0.0042 | 0.0371 | 56 | 2011 |
| *Lasioglossum nigroviride* | 0.0155 | 0.0045 | 0.0006 | 61 | 2011 |
| *Lasioglossum oblongum \** | 0.0239 | 0.0052 | 0.0000 | 62 | 2011 |
| *Lasioglossum obscurum \** | 0.0193 | 0.0059 | 0.0011 | 41 | 2011 |
| *Lasioglossum pectorale* | 0.0070 | 0.0027 | 0.0118 | 192 | 2011 |
| *Lasioglossum quebecense* | 0.0133 | 0.0031 | 0.0000 | 123 | 2011 |
| *Lasioglossum subviridatum \** | 0.0409 | 0.0143 | 0.0049 | 71 | 2010 |
| *Lasioglossum tegulare \** | 0.0140 | 0.0037 | 0.0001 | 88 | 2011 |
| *Lasioglossum versans* | 0.0127 | 0.0038 | 0.0009 | 77 | 2011 |
| *Lasioglossum versatum* | 0.0488 | 0.0040 | 0.0000 | 277 | 2011 |
| *Lasioglossum weemsi \** | 0.0234 | 0.0068 | 0.0006 | 36 | 2011 |
| *Megachile campanulae* | 0.0105 | 0.0040 | 0.0094 | 64 | 2011 |
| *Megachile petulans* | 0.0289 | 0.0069 | 0.0000 | 44 | 2010 |
| *Nomada bella \** | 0.0468 | 0.0095 | 0.0000 | 45 | 2010 |
| *Nomada cressonii \** | 0.0062 | 0.0026 | 0.0168 | 138 | 2011 |
| *Nomada imbricata \** | 0.0098 | 0.0044 | 0.0263 | 53 | 2011 |
| *Nomada luteoloides* | 0.0205 | 0.0044 | 0.0000 | 77 | 2011 |
| *Nomada maculata* | 0.0138 | 0.0052 | 0.0083 | 132 | 2011 |
| *Nomada pygmaea \** | 0.0178 | 0.0035 | 0.0000 | 108 | 2011 |
| *Sphecodes coronus* | 0.0109 | 0.0042 | 0.0089 | 61 | 2010 |
| *Sphecodes davisii* | 0.0113 | 0.0044 | 0.0109 | 55 | 2010 |
| *Sphecodes heraclei* | 0.0304 | 0.0066 | 0.0000 | 51 | 2010 |
| *Xylocopa virginica* | 0.0063 | 0.0029 | 0.0316 | 228 | 2011 |
| **Exotic species** |  |  |  |  |  |
| *Andrena wilkella* | -0.0045 | 0.0023 | 0.0499 | 608 | 2011 |
| *Anthidium manicatum* | 0.1549 | 0.0248 | 0.0000 | 36 | 2011 |
| *Anthidium oblongatum* | 0.0749 | 0.0137 | 0.0000 | 59 | 2011 |
| *Chelostoma campanularum* |  |  |  | 2 | 2002 |
| *Chelostoma rapunculi* |  |  |  | 6 | 2004 |
| *Hoplitis anthocopoides* | 0.0020 | 0.0149 | 0.8926 | 54 | 2004 |
| *Hylaeus hyalinatus* |  |  |  | 13 | 2011 |
| *Hylaeus leptocephalus* | 0.0142 | 0.0051 | 0.0060 | 42 | 2011 |
| *Hylaeus punctatus* |  |  |  | 7 | 2011 |
| *Hylaeus purpurissatus* |  |  |  | 1 | 1999 |
| *Lasioglossum leucozonium* | 0.0191 | 0.0045 | 0.0000 | 72 | 2011 |
| *Lasioglossum zonulum* |  |  |  | 22 | 2011 |
| *Megachile apicalis* |  |  |  | 1 | 2009 |
| *Megachile concinna* |  |  |  | 18 | 2010 |
| *Megachile rotundata* | 0.0302 | 0.0049 | 0.0000 | 105 | 2011 |
| *Megachile sculpturalis* | 0.0913 | 0.0142 | 0.0000 | 36 | 2011 |
| *Osmia caerulescens* | -0.0273 | 0.0050 | 0.0000 | 74 | 1998 |
| *Osmia cornifrons* | 0.1095 | 0.0227 | 0.0000 | 32 | 2011 |
| *Osmia taurus* |  |  |  | 2 | 2009 |
| *Pseudoanthidium nanum* |  |  |  | 4 | 2009 |
| **Low sample size species** |  |  |  |  |  |
| *Andrena accepta* |  |  |  | 2 | 1933 |
| *Andrena aliciae* |  |  |  | 11 | 1967 |
| *Andrena atlantica* |  |  |  | 3 | 2003 |
| *Andrena banksi* |  |  |  | 2 | 2000 |
| *Andrena barbara* |  |  |  | 9 | 2010 |
| *Andrena chromotricha* |  |  |  | 12 | 1997 |
| *Andrena clarkella* |  |  |  | 18 | 2003 |
| *Andrena confederata* |  |  |  | 7 | 2011 |
| *Andrena cornelli* |  |  |  | 25 | 2010 |
| *Andrena daeckei* |  |  |  | 2 | 1969 |
| *Andrena dimorpha* |  |  |  | 1 | 1923 |
| *Andrena duplicata* |  |  |  | 1 | 1967 |
| *Andrena fenningeri* |  |  |  | 4 | 1982 |
| *Andrena fulvipennis* |  |  |  | 6 | 2000 |
| *Andrena gardineri* |  |  |  | 1 | 1917 |
| *Andrena helianthi* |  |  |  | 24 | 2000 |
| *Andrena heraclei* |  |  |  | 5 | 2010 |
| *Andrena hilaris* |  |  |  | 16 | 2011 |
| *Andrena ilicis* |  |  |  | 6 | 2006 |
| *Andrena illini* |  |  |  | 1 | 1916 |
| *Andrena illinoiensis* |  |  |  | 1 | 1916 |
| *Andrena kalmiae* |  |  |  | 2 | 2010 |
| *Andrena krigiana* |  |  |  | 23 | 2011 |
| *Andrena mariae* |  |  |  | 13 | 2000 |
| *Andrena morrisonella* |  |  |  | 17 | 2011 |
| *Andrena neonana* |  |  |  | 10 | 2009 |
| *Andrena nida* |  |  |  | 5 | 2000 |
| *Andrena nigrae* |  |  |  | 15 | 2002 |
| *Andrena peckhami* |  |  |  | 1 | 1974 |
| *Andrena personata* |  |  |  | 8 | 1975 |
| *Andrena phaceliae* |  |  |  | 1 | 1917 |
| *Andrena rehni* |  |  |  | 7 | 1945 |
| *Andrena rudbeckiae* |  |  |  | 2 | 2005 |
| *Andrena runcinatae* |  |  |  | 13 | 2008 |
| *Andrena sayi* |  |  |  | 1 | 1916 |
| *Andrena violae* |  |  |  | 11 | 2010 |
| *Andrena wellesleyana* |  |  |  | 8 | 1975 |
| *Andrena wheeleri* |  |  |  | 20 | 2000 |
| *Andrena ziziaeformis* |  |  |  | 18 | 2003 |
| *Anthidiellum notatum* |  |  |  | 24 | 2007 |
| *Anthophora abrupta* |  |  |  | 15 | 2000 |
| *Anthophora bomboides* |  |  |  | 5 | 1999 |
| *Anthophora ursina* |  |  |  | 5 | 1988 |
| *Anthophora walshii* |  |  |  | 3 | 2011 |
| *Augochlorella persimilis* |  |  |  | 2 | 1963 |
| *Augochloropsis sumptuosa* |  |  |  | 7 | 1934 |
| *Bombus fernaldae* |  |  |  | 12 | 2011 |
| *Bombus fraternus* |  |  |  | 5 | 1921 |
| *Bombus insularis* |  |  |  | 2 | 1995 |
| *Bombus rufocinctus* |  |  |  | 16 | 2007 |
| *Calliopsis nebraskensis* |  |  |  | 6 | 1966 |
| *Cemolobus ipomoeae* |  |  |  | 1 | 1964 |
| *Ceratina mikmaqi* |  |  |  | 1 | 2011 |
| *Coelioxys alternata* |  |  |  | 3 | 2005 |
| *Coelioxys funeraria* |  |  |  | 7 | 1934 |
| *Coelioxys galactiae* |  |  |  | 1 | 1919 |
| *Coelioxys germana* |  |  |  | 21 | 2010 |
| *Coelioxys hunteri* |  |  |  | 1 | 1933 |
| *Coelioxys immaculata* |  |  |  | 6 | 2011 |
| *Coelioxys moesta* |  |  |  | 20 | 2006 |
| *Coelioxys porterae* |  |  |  | 13 | 2011 |
| *Coelioxys sodalis* |  |  |  | 4 | 1973 |
| *Colletes bradleyi* |  |  |  | 1 | 1923 |
| *Colletes consors* |  |  |  | 1 | 1973 |
| *Colletes latitarsis* |  |  |  | 13 | 2011 |
| *Colletes nudus* |  |  |  | 9 | 2010 |
| *Colletes productus* |  |  |  | 14 | 2011 |
| *Colletes solidaginis* |  |  |  | 9 | 2010 |
| *Colletes speculiferus* |  |  |  | 8 | 2008 |
| *Dianthidium simile* |  |  |  | 1 | 1925 |
| *Dufourea monardae* |  |  |  | 1 | 2008 |
| *Dufourea novaeangliae* |  |  |  | 11 | 2011 |
| *Epeoloides pilosulus* |  |  |  | 9 | 1928 |
| *Epeolus autumnalis* |  |  |  | 12 | 2007 |
| *Epeolus banksi* |  |  |  | 1 | 1919 |
| *Epeolus bifasciatus* |  |  |  | 9 | 1982 |
| *Epeolus canadensis* |  |  |  | 5 | 1962 |
| *Epeolus ilicis* |  |  |  | 1 | 1976 |
| *Epeolus lectoides* |  |  |  | 17 | 2010 |
| *Eucera atriventris* |  |  |  | 14 | 1932 |
| *Eucera hamata* |  |  |  | 1 | 2011 |
| *Habropoda laboriosa* |  |  |  | 29 | 2010 |
| *Halictus poeyi* |  |  |  | 1 | 1998 |
| *Heriades variolosa* |  |  |  | 7 | 2007 |
| *Holcopasites calliopsidis* |  |  |  | 25 | 2006 |
| *Holcopasites illinoiensis* |  |  |  | 12 | 1964 |
| *Hoplitis albifrons* |  |  |  | 7 | 1981 |
| *Hoplitis spoliata* |  |  |  | 23 | 2006 |
| *Hoplitis truncata* |  |  |  | 12 | 2011 |
| *Hylaeus annulatus* |  |  |  | 25 | 2007 |
| *Hylaeus basalis* |  |  |  | 9 | 1966 |
| *Hylaeus illinoisensis* |  |  |  | 2 | 2005 |
| *Hylaeus nelumbonis* |  |  |  | 2 | 2007 |
| *Hylaeus saniculae* |  |  |  | 5 | 1979 |
| *Hylaeus schwarzii* |  |  |  | 3 | 2002 |
| *Hylaeus sparsus* |  |  |  | 3 | 1934 |
| *Hylaeus verticalis* |  |  |  | 5 | 2004 |
| *Lasioglossum abanci* |  |  |  | 5 | 2009 |
| *Lasioglossum achilleae* |  |  |  | 1 | 1969 |
| *Lasioglossum admirandum* |  |  |  | 8 | 2011 |
| *Lasioglossum albipenne* |  |  |  | 9 | 2011 |
| *Lasioglossum arantium* |  |  |  | 1 | 1973 |
| *Lasioglossum athabascense* |  |  |  | 24 | 2004 |
| *Lasioglossum atwoodi* |  |  |  | 1 | 1998 |
| *Lasioglossum callidum* |  |  |  | 26 | 2011 |
| *Lasioglossum cattellae* |  |  |  | 11 | 2009 |
| *Lasioglossum comagenense* |  |  |  | 2 | 2002 |
| *Lasioglossum coreopsis* |  |  |  | 5 | 2010 |
| *Lasioglossum dreisbachi* |  |  |  | 5 | 1998 |
| *Lasioglossum dubitatum* |  |  |  | 1 | 1936 |
| *Lasioglossum ellisiae* |  |  |  | 6 | 2011 |
| *Lasioglossum fattigi* |  |  |  | 1 | 2007 |
| *Lasioglossum forbesii* |  |  |  | 2 | 1966 |
| *Lasioglossum foveolatum* |  |  |  | 3 | 1969 |
| *Lasioglossum georgeickworti* | |  |  | 10 | 2005 |
| *Lasioglossum gotham* |  |  |  | 14 | 2010 |
| *Lasioglossum illinoense* |  |  |  | 27 | 2011 |
| *Lasioglossum katherineae* |  |  |  | 9 | 2002 |
| *Lasioglossum laevissimum* |  |  |  | 25 | 2003 |
| *Lasioglossum lionotum* |  |  |  | 13 | 2009 |
| *Lasioglossum marinum* |  |  |  | 29 | 2011 |
| *Lasioglossum michiganense* |  |  |  | 2 | 2003 |
| *Lasioglossum nelumbonis* |  |  |  | 12 | 2003 |
| *Lasioglossum nymphale* |  |  |  | 3 | 1982 |
| *Lasioglossum paradmirandum* | |  |  | 7 | 2003 |
| *Lasioglossum pectinatum* |  |  |  | 1 | 2006 |
| *Lasioglossum planatum* |  |  |  | 2 | 2002 |
| *Lasioglossum platyparium* |  |  |  | 5 | 2011 |
| *Lasioglossum pruinosum* |  |  |  | 5 | 2003 |
| *Lasioglossum rozeni* |  |  |  | 2 | 2010 |
| *Lasioglossum rufitarse* |  |  |  | 19 | 2002 |
| *Lasioglossum simplex* |  |  |  | 1 | 1916 |
| *Lasioglossum sopinci* |  |  |  | 5 | 1976 |
| *Lasioglossum subversans* |  |  |  | 1 | 1925 |
| *Lasioglossum taylorae* |  |  |  | 1 | 1959 |
| *Lasioglossum tenax* |  |  |  | 2 | 1968 |
| *Lasioglossum timothyi* |  |  |  | 4 | 2010 |
| *Lasioglossum trigeminum* |  |  |  | 6 | 2011 |
| *Lasioglossum viridatum* |  |  |  | 18 | 2008 |
| *Megachile addenda* |  |  |  | 27 | 2007 |
| *Megachile exilis* |  |  |  | 8 | 2011 |
| *Megachile frugalis* |  |  |  | 1 | 1914 |
| *Megachile inimica* |  |  |  | 18 | 2011 |
| *Megachile montivaga* |  |  |  | 19 | 2010 |
| *Megachile mucida* |  |  |  | 2 | 1998 |
| *Megachile rugifrons* |  |  |  | 2 | 2002 |
| *Megachile xylocopoides* |  |  |  | 1 | 2007 |
| *Melecta pacifica* |  |  |  | 1 | 1910 |
| *Melissodes agilis* |  |  |  | 24 | 2010 |
| *Melissodes apicata* |  |  |  | 4 | 2009 |
| *Melissodes communis* |  |  |  | 2 | 1970 |
| *Melissodes denticulata* |  |  |  | 18 | 2011 |
| *Melissodes dentiventris* |  |  |  | 9 | 1933 |
| *Melissodes illata* |  |  |  | 17 | 2008 |
| *Melissodes nivea* |  |  |  | 8 | 1935 |
| *Melissodes subillata* |  |  |  | 25 | 2009 |
| *Melissodes trinodis* |  |  |  | 16 | 2009 |
| *Melitta americana* |  |  |  | 15 | 2009 |
| *Melitta eickworti* |  |  |  | 8 | 1987 |
| *Melitta melittoides* |  |  |  | 25 | 2011 |
| *Nomada armatella* |  |  |  | 2 | 1920 |
| *Nomada australis* |  |  |  | 15 | 2007 |
| *Nomada banksi* |  |  |  | 2 | 2005 |
| *Nomada bethunei* |  |  |  | 1 | 1917 |
| *Nomada ceanothi* |  |  |  | 3 | 1978 |
| *Nomada composita* |  |  |  | 3 | 2007 |
| *Nomada cuneata* |  |  |  | 20 | 2010 |
| *Nomada depressa* |  |  |  | 9 | 2010 |
| *Nomada electa* |  |  |  | 19 | 2009 |
| *Nomada gracilis* |  |  |  | 3 | 2009 |
| *Nomada integerrima* |  |  |  | 1 | 1916 |
| *Nomada lehighensis* |  |  |  | 11 | 2003 |
| *Nomada lepida* |  |  |  | 22 | 2010 |
| *Nomada louisianae* |  |  |  | 1 | 1931 |
| *Nomada luteola* |  |  |  | 14 | 2010 |
| *Nomada obliterata* |  |  |  | 4 | 1998 |
| *Nomada orba* |  |  |  | 1 | 1929 |
| *Nomada ovata* |  |  |  | 24 | 2010 |
| *Nomada parva* |  |  |  | 11 | 2009 |
| *Nomada perplexa* |  |  |  | 15 | 2009 |
| *Nomada placida* |  |  |  | 4 | 1917 |
| *Nomada rubicunda* |  |  |  | 1 | 1911 |
| *Nomada sayi* |  |  |  | 22 | 2006 |
| *Nomada tiftonensis* |  |  |  | 5 | 2011 |
| *Nomada ulsterensis* |  |  |  | 1 | 1941 |
| *Nomada valida* |  |  |  | 1 | 1976 |
| *Nomada vegana* |  |  |  | 1 | 2006 |
| *Nomada vicina* |  |  |  | 24 | 2008 |
| *Nomada vincta* |  |  |  | 2 | 1933 |
| *Nomada xanthura* |  |  |  | 18 | 2011 |
| *Nomia nortoni* |  |  |  | 1 | 1922 |
| *Osmia albiventris* |  |  |  | 18 | 2008 |
| *Osmia chalybea* |  |  |  | 8 | 2009 |
| *Osmia collinsiae* |  |  |  | 2 | 1950 |
| *Osmia conjuncta* |  |  |  | 14 | 1958 |
| *Osmia distincta* |  |  |  | 19 | 2007 |
| *Osmia felti* |  |  |  | 3 | 2001 |
| *Osmia georgica* |  |  |  | 6 | 2011 |
| *Osmia inermis* |  |  |  | 1 | 2003 |
| *Osmia inspergens* |  |  |  | 15 | 2007 |
| *Osmia proxima* |  |  |  | 1 | 2004 |
| *Osmia simillima* |  |  |  | 17 | 2009 |
| *Osmia tersula* |  |  |  | 1 | 1987 |
| *Osmia virga* |  |  |  | 7 | 2006 |
| *Panurginus potentillae* |  |  |  | 7 | 1987 |
| *Paranthidium jugatorium* |  |  |  | 4 | 2002 |
| *Perdita bequaerti* |  |  |  | 3 | 1921 |
| *Perdita boltoniae* |  |  |  | 1 | 1911 |
| *Perdita bradleyi* |  |  |  | 5 | 2001 |
| *Perdita novaeangliae* |  |  |  | 8 | 1993 |
| *Perdita swenki* |  |  |  | 1 | 2007 |
| *Pseudopanurgus compositarum* | |  |  | 16 | 2006 |
| *Pseudopanurgus labrosus* |  |  |  | 3 | 1977 |
| *Pseudopanurgus nebrascensis* | |  |  | 9 | 2007 |
| *Pseudopanurgus pauper* |  |  |  | 7 | 1934 |
| *Ptilothrix bombiformis* |  |  |  | 12 | 2011 |
| *Sphecodes atlantis* |  |  |  | 27 | 2011 |
| *Sphecodes autumnalis* |  |  |  | 13 | 2008 |
| *Sphecodes banksii* |  |  |  | 6 | 2004 |
| *Sphecodes carolinus* |  |  |  | 1 | 1918 |
| *Sphecodes clematidis* |  |  |  | 2 | 2002 |
| *Sphecodes cressonii* |  |  |  | 23 | 2004 |
| *Sphecodes fattigi* |  |  |  | 2 | 2003 |
| *Sphecodes illinoensis* |  |  |  | 4 | 2001 |
| *Sphecodes johnsonii* |  |  |  | 24 | 2008 |
| *Sphecodes levis* |  |  |  | 24 | 2009 |
| *Sphecodes mandibularis* |  |  |  | 26 | 2011 |
| *Sphecodes minor* |  |  |  | 20 | 2009 |
| *Sphecodes pimpinellae* |  |  |  | 8 | 2008 |
| *Sphecodes prosphorus* |  |  |  | 5 | 1972 |

\* Species particularly difficult to identify in at least one sex; results for these should be interpreted with caution.

\*\* Presence-absence GLM output.