**Supplementary Table 1.** References used for literature review on pollination study methodologies.

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**Supplementary Table 2.** Study sites used in pollinator surveys.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Species** | **Site Name** | **County** | **State** | **Latitude** | **Longitude** | **From MOBOT Collection** |
| O. sessilis | Downs Prairie Natural Area | Prairie | AR | 34° 46’ 43” N | 91° 21’ 44” W | No |
| O.sessilis | Railroad Prairie Natural Area | Prairie | AR | 34° 46’ 59” N | 91° 29’ 44” W | No |
| O. suffrutescens | Comance National Grassland | Boaca | CO |  |  | Yes |
| O. suffrutescens | Ft. Collins | Larimer | CO |  |  | Yes |
| O. linifolia |  | Clinton | IL | 38° 29’ 18.39” N | 89° 33’ 52.6” W | No |
| O. pilosella | Posen | Washington | IL | 38° 15’ 33.08”N | 89° 18’ 12.85”W | No |
| O. pilosella |  | Jefferson | IL | 38 ° 15’ 53.82” N | 89° 2’ 23.6”W | No |
| O. cinerea cinerea | Cimmaron National Grasslands | Morton | KS | 37° 7’ 16”N | 101° 53’ 40” W | Yes |
| O. gaura | Belchertown | Hampshire | MA | 42° 17’ 16” N | 72° 24’ 24” W | No |
| O. perennis | Great Meadows NWR | Middlesex | MA | 42°23’32.6 N | 71° 22’ 55.1 W | No |
| O. macrocarpa | Shaw Nature Preserve | Franklin | MO | 38° 27’ 58.69” N | 90° 49’ 13.45” W | No |
| O. filiformis | Gray Summit | Franklin | MO | 38° 28' 39.5N | 91° 6.035W | No |
| O. filiformis | Gray Summit | Franklin | MO | 38° 32’ 04” | 90° 20’ 25” W | No |
| O. filiformis | Gray Summit | Franklin | MO | 38° 39’ 43” N | 90° 18’ 59”W | No |
| O. linifolia | Gray Summit | Franklin | MO | 38° 32’ 04” | 90° 20’ 25” W | No |
| O. simulans | Island Creek | New Hanover | NC | 34° 22’ 02" N | 77° 48’ 54” W | No |
| O. simulans | Surf City | Pender | NC | 34° 26’ 4.21” N | 77° 37’ 51.03”W | No |
| O. riparia | Island Creek | Pender | NC | 34° 22’ 02" N | 77° 48’ 54” W | No |
| O. riparia | Upper Smith Creek | New Hanover | NC | 34° 15’44 N | 77° 53’ 15” W | No |
| O. coloradoensis neomexicana | Cloudcroft | Rio Arriba | NM | 32° 57’ 53” N | 105° 41’ 23” W | No |
| O. cinerea cinerea | Kiowa National Grassland | Union | NM |  |  | Yes |
| O. suffrutescens | Five State Park | Clark | NV |  |  | Yes |
| O. triangulata | Tulsa | Tulsa | OK | 36° 10’ 35.67” N | 90° 49’ 13.45”W | No |
| O. patriceae | Tulsa | Tulsa | OK | 36° 10’ 35.67” N | 90° 49’ 13.45”W | No |
| O. sinuosa |  | Murray | OK | 34° 22’ 56.26” N | 95° 48’ 44.64” W | No |
| O. suffulta suffulta | Davis | Murray | OK | 34° 25’ 34.32” N | 97° 8’ 41.6” W | No |
| O. demareii | Broken Bow | McCurtain | OK | 34° 1’ 44.8”N | 94° 43’ 6.28” | No |
| O. curtiflora | Selman Living Laboratory | Woodward | OK | 36° 42’ 46.227” N | 99° 15’ 28.1” W | No |
| O. glaucifolia | Kessler's Farm | McClain | OK |  |  | Yes |
| O. havardii | Alpine | Brewster | TX | 30° 22’ 27.46” N | 103° 39’ 39.69” W | No |
| O. arida | Alpine | Brewster | TX | 30° 22’ 27.46” N | 103° 39’ 39.69” W | No |
| O. suffulta neallyi | Alpine | Brewster | TX | 30° 21’ 28.21” N | 103° 39’ 14.4” W | No |
| O. suffulta neallyi | Alpine | Brewster | TX | 30° 22’ 0.54” N | 103° 39’ 39.85” W | No |
| O. xenogaura | Rio Grande City | Starr | TX | 26° 20’10.79” N | 98° 43’ 56.9” W | No |
| O. cinerea cinerea | 13 miles W of Monahan | Crane | TX |  |  | Yes |
| O. lindheimeri | 6.5 miles N of High Island | Liberty | TX |  |  | Yes |
| O. lindheimeri |  | Fort Bend | TX |  |  | Yes |
| O. suffrutescens | 5 miles N of Nochixtian | Reeves | TX |  |  | Yes |
| O. anomala | Durango, Mexico |  |  | 23° 47’ 34” N | 104° 45’ 40” W | Yes |
| O. anomala | Durango, Mexico |  |  | 23° 48' 04” N | 104° 46’ 00” W | Yes |
| O. anomala | 28 miles west of Durango | |  |  |  | Yes |
| O. hexandra hexandra | Durango, Mexico |  |  | 23° 56’ 13.7” N | 104° 52’ 1.4” W | Yes |
| O. hexandra hexandra | Llano Grande, Mexico |  |  | 23° 52’ 1.6” N | 105° 12’ 52.7” W | Yes |
| O. suffrutescens | 16 miles E of San Luis Potosi, Mexico | |  |  |  | Yes |