

Butterfly Survey - Activity Summary for Matthaei Botanical Gardens

City of Ann Arbor
Natural Area Preservation



| <i>Family</i> | <i>Common Name</i> | <i>Sum of Sightings</i> | <i>1995</i> | <i>1996</i> | <i>1997</i> | <i>1998</i> | <i>1999</i> | <i>2000</i> | <i>2001</i> | <i>2002</i> | <i>2003</i> | <i>2004</i> |
|----------------------------|---------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <i>Papilionidae</i> | | | | | | | | | | | | |
| | Giant Swallowtail | 47 | | 1 | 4 | | | 7 | 2 | 19 | 10 | 4 |
| | Eastern Tiger Swallowtail | 114 | | 1 | 7 | | | 23 | 5 | 43 | 26 | 9 |
| | Spicebush Swallowtail | 24 | | | | | | 1 | 3 | 12 | 4 | 4 |
| | Black Swallowtail | 13 | | 1 | 3 | | | 1 | | 5 | | 3 |
| <i>Pieridae</i> | | | | | | | | | | | | |
| | Mustard White | 8 | | | | | | 1 | 2 | 2 | 1 | 2 |
| | Cabbage White | 2670 | 4 | 3 | 15 | | | 283 | 412 | 728 | 721 | 504 |
| | Clouded Sulphur | 114 | 1 | 3 | 6 | | | 49 | 7 | 25 | 6 | 17 |
| | Orange Sulphur | 97 | | | | | | 46 | 5 | 16 | 4 | 26 |
| <i>Lycaenidae</i> | | | | | | | | | | | | |
| | Spring Azure | 216 | 7 | | 6 | | | 84 | 1 | 11 | 50 | 57 |
| | Summer Azure | 309 | | | | | | 23 | 38 | 37 | 58 | 153 |
| | Coral Hairstreak | 2 | | | | | | | 2 | | | |
| | Striped Hairstreak | 3 | | | | | | 1 | | | | 2 |
| | Banded Hairstreak | 26 | | | 2 | | | 6 | 2 | 7 | 2 | 7 |
| | Dorcas Copper | 3 | | | | | | | | 3 | | |
| | American Copper | 5 | | | | | | 2 | 2 | 1 | | |
| | Harvester | 20 | | | | | | 10 | 7 | | 3 | |
| | Acadian Hairstreak | 20 | | | | | | 1 | 4 | 5 | 9 | 1 |
| | Eastern-tailed Blue | 75 | | 3 | 3 | | | 16 | 6 | 25 | 9 | 13 |

| Family | Common Name | Sum of Sightings | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|---------------|--------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|---------------|--------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|

Nymphalidae

| | | | | | | | | | | | | |
|---------------------------|-----|---|---|----|--|--|--|-----|-----|-----|-----|----|
| Milberts Tortoise Shell | 1 | | | | | | | | | 1 | | |
| Baltimore | 437 | 1 | 2 | 19 | | | | 149 | 73 | 106 | 77 | 10 |
| Silvery Checkerspot | 86 | | | 4 | | | | 21 | 3 | 5 | 47 | 6 |
| Northern Pearl Crescent | 3 | | 3 | | | | | | | | | |
| Pearl Crescent | 599 | | 8 | 13 | | | | 89 | 88 | 261 | 112 | 28 |
| Great Spangled Fritillary | 424 | | 6 | 17 | | | | 138 | 74 | 92 | 55 | 42 |
| Buckeye | 15 | | | | | | | 12 | | 2 | | 1 |
| American Painted Lady | 41 | | | | | | | 7 | 25 | 2 | 5 | 2 |
| Painted Lady | 59 | | | | | | | | 59 | | | |
| Mourning Cloak | 41 | | | 1 | | | | 11 | 12 | 5 | 9 | 3 |
| Comptons Tortoise Shell | 1 | | | | | | | | | | 1 | |
| Comma | 93 | | | | | | | 21 | 12 | 7 | 29 | 24 |
| Question Mark | 35 | | | | | | | 11 | 11 | 3 | 3 | 7 |
| Viceroy | 119 | | 1 | 7 | | | | 21 | 22 | 42 | 18 | 8 |
| Red Admiral | 181 | | | 1 | | | | 21 | 126 | 2 | 18 | 13 |
| Red-spotted Purple | 51 | | | 1 | | | | 3 | 11 | 27 | 6 | 3 |

Apaturidae

| | | | | | | | | | | | | |
|-------------------|---|--|--|--|--|--|--|---|--|--|--|--|
| Hackberry Emperor | 1 | | | | | | | 1 | | | | |
|-------------------|---|--|--|--|--|--|--|---|--|--|--|--|

Satyridae

| | | | | | | | | | | | | |
|---------------------|-----|--|----|----|--|--|--|-----|-----|-----|-----|-----|
| Northern Pearly-eye | 88 | | | 2 | | | | 26 | 9 | 11 | 17 | 23 |
| Eyed Brown | 21 | | 6 | 6 | | | | | | | 6 | 3 |
| Appalachian Brown | 254 | | | 2 | | | | 45 | 32 | 78 | 56 | 41 |
| Little Wood Satyr | 870 | | 38 | 60 | | | | 133 | 264 | 108 | 160 | 107 |
| Wood Nymph | 761 | | 4 | 31 | | | | 148 | 87 | 264 | 124 | 103 |

Danaidae

| | | | | | | | | | | | | |
|---------|----|--|---|---|--|--|--|---|---|----|---|---|
| Monarch | 33 | | 1 | 1 | | | | 1 | 9 | 14 | 5 | 2 |
|---------|----|--|---|---|--|--|--|---|---|----|---|---|

| Family | Common Name | Sum of Sightings | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|----------------------|------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Hesperiidae | | | | | | | | | | | | |
| | Dion Skipper | 46 | | | | | | 18 | | 25 | 3 | |
| | Long Dash | 32 | | | | | | 4 | 7 | 6 | 15 | |
| | Northern Broken Dash | 208 | | | 2 | | | 93 | 6 | 82 | 20 | 5 |
| | Little Glassywing | 41 | | | | | | 9 | 6 | 15 | 10 | 1 |
| | Delaware Skipper | 60 | | | | | | 9 | 9 | 17 | 12 | 13 |
| | Hobomok Skipper | 136 | | 4 | 4 | | | 36 | 34 | 10 | 20 | 28 |
| | Mulberry Wing | 24 | | | | | | 6 | 3 | 7 | 8 | |
| | Crossline Skipper | 19 | | | | | | 3 | 2 | 2 | 8 | 4 |
| | Dun Skipper | 24 | | | 3 | | | 2 | 2 | 6 | 9 | 2 |
| | European Skipper | 579 | | 4 | 9 | | | 21 | 65 | 30 | 92 | 358 |
| | Black Dash | 59 | | | | | | 9 | 12 | 26 | 8 | 4 |
| | Roadside Skipper | 3 | | | | | | 1 | 1 | 1 | | |
| | Broad Winged Skipper | 31 | | | | | | | 2 | 19 | 9 | 1 |
| | Tawny-edged Skipper | 140 | | 1 | 5 | | | 44 | 20 | 25 | 36 | 9 |
| | Pecks Skipper | 212 | | 2 | 5 | | | 53 | 33 | 64 | 35 | 20 |
| | Fiery Skipper | 8 | | | | | | | 5 | 3 | | |
| | Least Skipper | 69 | | | 1 | | | 9 | 10 | 36 | 12 | 1 |
| | Wild Indigo Duskywing | 40 | | | | | | 11 | 9 | 7 | 7 | 6 |
| | Horaces Duskywing | 2 | | | | | | | 1 | 1 | | |
| | Juvenals Duskywing | 87 | | 4 | 4 | | | 20 | 10 | 18 | 26 | 5 |
| | Sleepy Duskywing | 23 | 5 | 1 | 7 | | | | | 3 | 3 | 4 |
| | Dreamy Duskywing | 6 | | | | | | 4 | 1 | | 1 | |
| | Northern Cloudywing | 1 | | | | | | | | 1 | | |
| | Silver-spotted Skipper | 181 | | | 7 | | | 41 | 32 | 52 | 42 | 7 |
| | Dukes Skipper | 20 | | | | | | | | 8 | 9 | 3 |
| | Leonards Skipper | 110 | | | | | | 37 | 11 | 34 | 25 | 3 |
| Total Species | | 67 | 5 | 21 | 32 | 0 | 0 | 54 | 54 | 58 | 3074 | 50 |