

| SPECIES                                       | 6/24<br>2000 | 7/14<br>2001 | 7/13<br>2002 | 7/12<br>2003 | 7/10<br>2004 | 7/10<br>2005 | 7/9<br>2006 | 7/8<br>2007 | 7/13<br>2008 | 7/12<br>2009 | 7/17<br>2010 | 7/16<br>2011 | 7/4<br>2012 | 7/14<br>2013 | 2014 | 2015 | 2016 |
|-----------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|--------------|------|------|------|
| <b>Swallowtails</b>                           |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Pipevine Swallowtail                          | 1            |              |              |              |              |              |             |             |              |              | 1            |              |             |              |      |      |      |
| Black Swallowtail                             | 3            | 42           | 33           | 17           | 115          | 23           | 54          | 23          | 22           | 17           | 29           | 68           | 11          | 21           |      |      |      |
| Giant Swallowtail                             |              |              |              |              |              |              |             |             |              |              | 3            | 1            |             | 1            |      |      |      |
| Eastern Tiger Swallowtail                     | 11           | 31           | 15           | 6            | 5            | 6            | 27          | 3           | 7            | 1            | 83           | 15           | 6           | 45           |      |      |      |
| Spicebush Swallowtail                         | 5            | 5            | 6            | 4            | 9            | 7            | 10          | 2           | 5            |              | 26           | 21           | 4           | 16           |      |      |      |
| <b>Whites</b>                                 |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Cabbage White                                 | 1531         | 343          | 270          | 509          | 270          | 149          | 420         | 576         | 160          | 145          | 655          | 102          | 188         | 121          |      |      |      |
| <b>Sulphurs</b>                               |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Clouded Sulphur                               | 6            | 42           | 45           | 71           | 165          | 262          | 12          | 89          | 55           | 174          | 36           | 28           | 67          | 9            |      |      |      |
| Orange Sulphur                                | 81           | 115          | 219          | 7            | 149          | 82           | 65          | 108         | 108          | 64           | 15           | 80           | 145         | 29           |      |      |      |
| "White-form" Sulphur                          |              |              |              |              |              |              |             |             |              |              |              | 3            | 4           |              |      |      |      |
| Sulphur sp.                                   |              |              |              |              |              |              |             |             |              |              |              |              |             |              | 1    |      |      |
| <b>Coppers</b>                                |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| American Copper                               |              | 5            |              |              | 6            | 1            |             | 6           | 2            | 2            |              | 1            | 3           | 3            |      |      |      |
| <b>Hairstreaks</b>                            |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Coral Hairstreak                              |              |              |              | 1            | 1            |              |             |             |              |              |              |              |             |              |      |      |      |
| Edward's Hairstreak                           |              | 1            |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Banded Hairstreak                             | 1            | 28           | 1            | 1            | 78           | 126          | 5           | 12          | 31           | 30           |              |              | 19          | 4            |      |      |      |
| Hickory Hairstreak                            |              | 4            |              |              |              | 25           | 1           | 1           | 1            |              |              |              | 1           |              |      |      |      |
| Striped Hairstreak                            | 1            | 1            |              |              |              | 4            |             |             |              |              |              |              | 1           |              |      |      |      |
| Juniper Hairstreak                            |              | 2            |              |              | 1            |              |             |             | 1            |              |              | 6            | 1           | 7            |      |      |      |
| Gray Hairstreak                               |              |              | 1            |              |              |              |             |             | 1            |              |              | 2            | 1           |              |      |      |      |
| <b>Blues</b>                                  |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Eastern Tailed-blue                           | 25           | 9            | 27           | 5            | 38           | 28           | 8           | 25          | 21           | 19           | 43           | 15           | 22          | 12           |      |      |      |
| Summer Azure                                  | 3            | 1            | 14           | 1            | 8            |              | 1           | 1           | 1            | 1            | 10           | 17           | 2           | 35           |      |      |      |
| <b>Snouts</b>                                 |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| American Snout                                |              |              |              |              |              |              |             |             |              |              | 1            |              |             |              |      |      |      |
| <b>Brush-foots - Heliconians/Fritillaries</b> |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Variegated Fritillary                         | 1            |              | 1            |              | 1            |              |             |             | 2            |              |              | 1            | 5           | 1            |      |      |      |
| Great Spangled Fritillary                     | 96           | 65           | 34           | 82           | 22           | 87           | 55          | 60          | 76           | 68           | 10           | 28           | 22          | 13           |      |      |      |
| Aphrodite Fritillary                          |              |              | 1            |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Meadow Fritillary                             | 4            | 1            |              | 3            |              |              | 4           | 3           |              |              | 2            | 1            | 1           | 2            |      |      |      |

| SPECIES                       | 6/24<br>2000 | 7/14<br>2001 | 7/13<br>2002 | 7/12<br>2003 | 7/10<br>2004 | 7/10<br>2005 | 7/9<br>2006 | 7/8<br>2007 | 7/13<br>2008 | 7/12<br>2009 | 7/17<br>2010 | 7/16<br>2011 | 7/4<br>2012 | 7/14<br>2013 | 2014 | 2015 | 2016 |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|--------------|------|------|------|
| <b>True Brush-foots</b>       |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Pearl Crescent                | 1            | 288          | 609          | 8            | 935          | 446          | 307         | 108         | 703          | 199          | 362          | 374          | 335         | 372          |      |      |      |
| Baltimore Checkerspot         | 1            | 1            | 2            | 4            | 5            | 9            | 35          | 34          | 26           | 12           |              |              | 21          | 5            |      |      |      |
| Question Mark                 | 5            | 16           |              | 3            | 5            |              | 2           | 9           | 1            | 3            | 7            | 11           | 11          | 3            |      |      |      |
| Eastern Comma                 | 11           | 35           |              | 3            | 15           | 30           | 8           | 11          | 8            | 15           | 4            | 4            | 6           | 1            |      |      |      |
| Anglewing Sp.                 |              |              |              |              |              |              |             |             |              |              |              |              | 4           |              |      |      |      |
| Mourning Cloak                | 2            | 5            |              |              |              | 2            | 4           | 5           |              | 1            |              |              |             | 6            |      |      |      |
| Milbert's Tortoiseshell       |              | 18           |              | 1            | 3            | 4            |             |             |              |              |              |              |             |              |      |      |      |
| American Lady                 | 7            | 30           | 1            | 5            | 5            | 4            |             | 11          | 8            | 1            | 2            | 1            |             | 2            |      |      |      |
| Painted Lady                  |              | 7            |              | 1            |              | 10           |             |             |              | 1            |              |              | 9           |              |      |      |      |
| Red Admiral                   | 42           | **1767       | 10           | 84           | 28           | 40           | 4           | 223         | 7            | 1            | 70           | 17           | 40          | 1            |      |      |      |
| Common Buckeye                |              |              |              |              | 4            |              |             |             |              |              | 2            | 11           | 7           |              |      |      |      |
| <b>Admiral and Relatives</b>  |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Red-spotted Purple            |              | 3            | 2            |              |              | 3            |             | 1           |              |              | 6            | 5            | 3           | 8            |      |      |      |
| Viceroy                       | 11           | 3            | 7            |              | 8            | 10           | 1           | 2           | 8            |              | 14           | 13           | 2           | 17           |      |      |      |
| <b>Emperors</b>               |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Hackberry Emperor             |              |              |              |              | 1            |              |             |             |              |              |              |              |             |              |      |      |      |
| Tawny Emperor                 |              |              |              |              |              | 1            |             | 1           |              | 1            |              |              |             |              |      |      |      |
| <b>Satyr</b>                  |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Northern Pearly-eye           |              | 1            |              | 3            | 1            | 1            |             | 1           | 1            | 9            |              |              | 1           | 4            |      |      |      |
| Eyed Brown                    | 2            | 1            |              |              | 1            |              |             | 2           | 2            | 2            |              | 2            |             |              |      |      |      |
| Appalachian Brown             |              | 8            |              | 1            | 33           | 4            | 2           | 7           | 22           | 23           | 15           | 6            | 1           | 2            |      |      |      |
| Brown Sp.                     |              |              |              |              |              |              |             |             |              |              |              |              | 3           |              |      |      |      |
| Little Wood Satyr             | 5            | 19           | 6            | 9            | 7            | 5            | 1           | 4           | 3            | 15           | 2            | 6            | 12          | 3            |      |      |      |
| Common Ringlet                | 1            |              |              |              | 3            |              |             | 1           |              |              | 18           |              |             |              |      |      |      |
| Common Wood-nymph             |              | 181          | 220          | 52           | 459          | 368          | 123         | 184         | 232          | 134          | 47           | 135          | 175         | 86           |      |      |      |
| <b>Monarch</b>                |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Monarch                       | 16           | 42           | 15           | 20           | 14           | 28           | 148         | 60          | 79           | 60           | 44           | 74           | 136         | 10           |      |      |      |
| <b>Skippers - Spreadwings</b> |              |              |              |              |              |              |             |             |              |              |              |              |             |              |      |      |      |
| Silver-spotted Skipper        |              | 6            | 4            | 8            | 4            | 12           | 16          | 13          | 13           | 9            | 2            | 12           | 17          | 15           |      |      |      |
| Horace's Duskywing            | 1            |              | 1            |              |              |              | 1           |             | 1            |              | 1            |              |             |              |      |      |      |
| Wild Indigo Duskywing         |              |              |              |              | 7            | 1            | 2           |             | 1            |              | 11           | 11           | 6           | 7            |      |      |      |
| Common Checkered Skipper      | 1            | 5            | 11           |              |              |              |             | 1           |              |              |              |              |             |              |      |      |      |
| Common Sootywing              |              | 2            | 2            |              | 1            | 4            | 2           | 1           |              | 1            |              | 1            | 2           |              |      |      |      |

[illegible]