|                            |                |  | l                    |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
|----------------------------|----------------|--|----------------------|---------------------|-------------------------|-------------------------|----------------------|------------------------|---|---------------|-----------------------|------------------------------|--------------------|-------------------------------|----------------|-------------------|-------------------|-------------------|------------------|-------------------------|-------------------|------------------|----------------------|--|-------------------------------------|
| Species                    | seized species | 1/11 Crosswinds Marsh, Lake Erie Metro | 1/24 St. Clair River | 2/7 Beaudette, etc. | 2/20-22 Upper Peninsula | 3/21 Huron River, Lakes | 4/11 Chrysler Survey | 4/18-19 Berrien County | 4/24-26 Whitefish Point BO (Spring Fling) | 5/2 Pt. Pelee | 5/9 Magee Marsh, etc. | 5/16-17 Tawas Point Festival | 5/23 Pt. Huron SGA | 5/31 Nyanquing and Shiawassee | 6/6 Orion Oaks | 6/13 Oak Openings | 8/22 Pt. Mouillee | 8/30 Waterloo SGA | 9/5 Hudson Mills | 10/11 Bay City - Tobico | 11/14-15 Muskegon | 11/21 Belle Isle | 12/4-5 Niagara Falls |  | 12/29/15<br>Christmas<br>Bird Count |
| Greater White-front. Goose |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| Snow Goose                 |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| Ross's Goose               |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| Brant                      |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| Cackling Goose             |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| Canada Goose               | 1              | х                                      | Х                    | х                   |                         | Х                       | Х                    | Х                      | х   | Х             | х                     | Х                            | х                  | х                             | х              |                   |                   | X                 |                  | х                       | х                 | х                | х                    |  | Х                                   |
| Mute Swan                  | 1              | х                                      | Х                    | х                   |                         | Х                       | Х                    | Х                      | х   |               |                       | Х                            |                    | х                             |                |                   | х                 |                   |                  | х                       | х                 | х                | х                    |  | Х                                   |
| Trumpeter Swan             | 1              |  |                      | х                   |                         |                         |                      |                        |   |               | х                     | Х                            |                    |                               |                |                   |                   |                   |                  |                         | х                 |                  |                      |  | Х                                   |
| Tundra Swan                | 1              | х                                      |                      |                     |                         |                         |                      |                        | х   |               |                       | Х                            |                    |                               |                |                   |                   |                   |                  |                         |                   | х                | х                    |  |                                     |
| Wood Duck                  | 1              |  |                      |                     |                         |                         | Х                    | Х                      |   | Х             | х                     | Х                            | х                  | х                             |                |                   | х                 |                   |                  | х                       |                   |                  |                      |  |                                     |
| Gadwall                    | 1              |  |                      |                     |                         | Х                       |                      |                        |   | X             | Х                     |                              |                    |                               |                |                   |                   |                   |                  | х                       | X                 | X                | х                    |  |                                     |
| Eurasian Wigeon            |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| American Wigeon            | 1              |  |                      |                     |                         |                         |                      |                        |   | X             | Х                     |                              |                    |                               |                |                   |                   |                   |                  | х                       |                   |                  | х                    |  |                                     |
| American Black Duck        | 1              | х                                      |                      | х                   | х                       |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         | х                 | Х                | х                    |  | х                                   |
| Mallard                    | 1              | х                                      | X                    | х                   | х                       | Х                       | X                    | X                      | X   | X             | Х                     | X                            | х                  | х                             |                |                   | X                 |                   |                  | х                       | X                 | X                | х                    |  | Х                                   |
| Blue-winged Teal           | 1              |  |                      |                     |                         |                         |                      | Х                      |   | Х             | х                     | Х                            |                    | х                             |                |                   | х                 |                   |                  |                         | х                 |                  |                      |  |                                     |
| Northern Shoveler          | 1              |  |                      |                     |                         |                         |                      |                        |   | X             | Х                     |                              |                    |                               |                |                   |                   |                   |                  |                         | X                 |                  | х                    |  | Х                                   |
| Northern Pintail           | 1              |  |                      |                     |                         |                         |                      |                        | X   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  | х                                   |
| Green-winged Teal          | 1              |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  | х                       |                   |                  | х                    |  |                                     |
| Canvasback                 | 1              | х                                      | Х                    | х                   |                         | Х                       |                      |                        |   |               |                       | Х                            |                    |                               |                |                   | X                 |                   |                  |                         | х                 | х                | х                    |  |                                     |
| Redhead                    | 1              |  | Х                    | х                   |                         | Х                       |                      |                        | х   |               |                       |                              |                    |                               |                |                   |                   |                   |                  | х                       | х                 | х                | х                    |  | х                                   |
| Ring-necked Duck           | 1              |  |                      | х                   |                         | Х                       | Х                    | Х                      | Х   | Х             |                       |                              |                    |                               |                |                   |                   |                   |                  | х                       | х                 | х                |                      |  | х                                   |
| Greater Scaup              | 1              | х                                      |                      |                     |                         |                         |                      |                        | х   | Х             |                       |                              |                    |                               |                |                   |                   |                   |                  | х                       |                   |                  | х                    |  |                                     |
| Lesser Scaup               | 1              |  |                      |                     |                         | X                       |                      |                        |   |               |                       |                              |                    |                               |                |                   | X                 |                   |                  |                         | X                 | X                |                      |  |                                     |
| King Eider                 | 1              |  | Х                    |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  |                                     |
| Harlequin Duck             | 1              |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  |                                     |
| Surf Scoter                | 1              |  | Χ                    |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  |                                     |
| White-winged Scoter        | 1              |  | х                    |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  |                                     |
| Black Scoter               | 1              |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  |                                     |
| Long-tailed Duck           | 1              |  | Х                    |                     |                         | Х                       |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  |                                     |
| Bufflehead                 | 1              | х                                      | х                    |                     |                         | х                       | Х                    |                        | х   | х             |                       |                              |                    |                               |                |                   |                   |                   |                  |                         | х                 | х                | х                    |  | Х                                   |
| Common Goldeneye           | 1              | х                                      | Х                    | х                   | х                       | Х                       |                      |                        | х   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         | х                 |                  | х                    |  | х                                   |
| Barrow's Goldeneye         |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |
| Hooded Merganser           | 1              |  |                      | х                   | х                       | х                       |                      |                        | х   |               |                       | х                            |                    | х                             |                |                   |                   |                   |                  |                         | х                 | х                | х                    |  | Х                                   |
| Common Merganser           | 1              | х                                      | х                    | х                   | х                       | х                       |                      | х                      | х   |               |                       | х                            |                    |                               |                |                   |                   |                   |                  |                         | х                 | х                | х                    |  | х                                   |
| Red-breasted Merganser     | 1              |  | Х                    |                     |                         | Х                       |                      | Х                      | х   | Х             |                       | Х                            |                    |                               |                |                   |                   |                   |                  |                         |                   |                  | х                    |  | х                                   |
| Ruddy Duck                 | 1              |  |                      |                     |                         | х                       |                      |                        |   | Х             |                       |                              |                    |                               |                |                   |                   |                   |                  |                         | х                 | х                |                      |  |                                     |
| Ring-necked Pheasant       |                |  |                      |                     |                         |                         |                      |                        |   |               |                       |                              |                    |                               |                |                   |                   |                   |                  |                         |                   |                  |                      |  |                                     |

| Spruce Grouse  |                           |   |   |   | 1 |   |   | 1 | 1 | 1 |   | ı | 1 |   | 1 |   | 1 |   | - 1 |   | 1 |   | 1 |   | 1 |  | 1 |
|--|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|--|---|
| Sharp-talled Grouse  | Ruffed Grouse             | 1 |   |   |   | Χ |   |   |   | Х |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Wild Turkey  1   | Spruce Grouse             | 1 |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Northern Bibbwhile Red-throaded Loon 1   | Sharp-tailed Grouse       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Red-throated Loon  | Wild Turkey               | 1 |   |   | Х | χ |   | Χ | Χ | Х | X |   | Χ |   | Х |   |   |   |     |   |   | X |   | Х |   |  | X |
| Pacific Loon* Common Loon 1  | Northern Bobwhite         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Common Loon  | Red-throated Loon         | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   | Х |   |  |   |
| Pied-billed Grebe  | Pacific Loon*             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Homed Grebe  | Common Loon               | 1 |   |   |   |   |   |   | Х | х | χ |   | Х |   |   |   |   |   |     |   |   | х |   | х |   |  |   |
| Red-necked Grebe Eared Grebe  1  | Pied-billed Grebe         | 1 |   |   |   |   |   | Х | χ |   | χ | Х | χ |   |   |   |   | χ |     |   | х | х | Х |   |   |  | X |
| Eared Grebe  | Horned Grebe              | 1 |   |   |   |   | X |   | X |   | X |   |   |   |   |   |   |   |     |   |   | X | Х | х |   |  |   |
| Western Grebe American White Pelican I   | Red-necked Grebe          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| American White Pelican   | Eared Grebe               | 1 |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Brown Pelican    Double-crested Cormorant   1  | Western Grebe             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Double-crested Cormorant 1   | American White Pelican    | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |     |   |   |   |   |   |   |  |   |
| American Bitterm   | Brown Pelican             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Least Bittern  | Double-crested Cormorant  | 1 |   |   |   |   |   | Х | Х | х | Χ | Х | Х | Х | х |   |   | Х |     |   | х |   | х | Х |   |  |   |
| Great Blue Heron   | American Bittern          | 1 |   |   |   |   |   |   |   |   |   |   |   |   | х |   |   |   |     |   |   |   |   |   |   |  |   |
| Great Egret 1  | Least Bittern             | 1 |   |   |   |   |   |   |   |   |   |   |   |   | х |   |   |   |     |   |   |   |   |   |   |  |   |
| Snowy Egret  | Great Blue Heron          | 1 | х |   |   |   | Х | X | X | х | X | X | Х | Х | х |   |   | X | X   |   | х |   | х | х |   |  |   |
| Little Blue Heron  Tricolored Heron  1   | Great Egret               | 1 |   |   |   |   |   |   |   |   | X | X |   |   | х |   |   | X |     |   | х |   |   |   |   |  |   |
| Little Blue Heron  1   | Snowy Egret               | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |     |   |   |   |   |   |   |  |   |
| Cattle Egret 1   | Little Blue Heron         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Green Heron  | Tricolored Heron          | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |     |   |   |   |   |   |   |  |   |
| Black-crown. Night-Heron   | Cattle Egret              | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | Х |     |   |   |   |   |   |   |  |   |
| Yellow-crown. Night-Heron         1         4 <td>Green Heron</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Х</td> <td></td> <td></td> <td>х</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Green Heron               | 1 |   |   |   |   |   |   |   |   |   | Х |   |   | х |   |   | X |     |   |   |   |   |   |   |  |   |
| Glossy Ibis  | Black-crown. Night-Heron  | 1 |   |   |   |   |   |   |   |   |   |   |   |   | х |   |   | Х |     |   |   |   |   |   |   |  |   |
| Black Vulture  | Yellow-crown. Night-Heron |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Turkey Vulture   | Glossy Ibis               | 1 |   |   |   |   |   |   |   |   |   |   |   |   | х |   |   |   |     |   |   |   |   |   |   |  |   |
| Osprey         1         X <td>Black Vulture</td> <td>1</td> <td></td> <td>х</td> <td></td> <td></td> <td></td>          | Black Vulture             | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   | х |   |  |   |
| Mississippi Kite  Bald Eagle  1  | Turkey Vulture            | 1 |   |   |   |   |   | Х | Х | х | Х | Х | Х | х | х | х | х | Х | Х   | х |   |   |   |   |   |  | Х |
| Bald Eagle         1         X   | Osprey                    | 1 |   |   |   |   |   |   |   | х |   |   | Х |   |   |   |   | X |     |   |   |   |   |   |   |  |   |
| Bald Eagle         1         X   | Mississippi Kite          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Northern Harrier         1         X   | Bald Eagle                | 1 | х | Х |   | х |   |   |   | х |   | Х | Х | х | х |   |   | Х |     |   |   | х |   |   |   |  | Х |
| Cooper's Hawk         1         X         <  | Northern Harrier          | 1 | х |   |   | х |   |   | Х | х |   | Х |   |   |   |   |   |   |     |   |   | х |   |   |   |  |   |
| Northern Goshawk         1         X   | Sharp-shinned Hawk        | 1 |   |   |   |   |   |   |   | х |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  | Х |
| Northern Goshawk         1         X   | Cooper's Hawk             | 1 | х | Х |   |   | Х | Х | Х | х |   |   |   |   |   |   |   |   |     |   |   | х | х |   |   |  | Х |
| Broad-winged Hawk         1         X  | Northern Goshawk          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Broad-winged Hawk         1         X  | Red-shouldered Hawk       | 1 |   |   |   |   |   |   | Х |   |   |   |   |   |   |   | х |   |     |   |   |   |   |   |   |  |   |
| Swainson's Hawk         1         X  | Broad-winged Hawk         |   |   |   |   |   |   |   |   | х |   |   |   |   |   | х |   |   |     |   |   |   |   |   |   |  |   |
| Red-tailed Hawk         1         X  |                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Rough-legged Hawk         1         X  | Red-tailed Hawk           | 1 | х | Х | х | х | х | Х | Х | х | Х | Х | х | х | х |   | х |   |     |   |   | х | х | х |   |  |   |
| Golden Eagle         1         X <t< td=""><td>Rough-legged Hawk</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>                       | Rough-legged Hawk         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| American Kestrel         1         X   |                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
| Merlin         1         X         X         X         X           Gyrfalcon         3         3         4   | American Kestrel          | 1 | х | х |   | х |   |   | Х | х |   |   | х |   |   |   |   |   |     |   |   |   |   | х |   |  | х |
| Gyrfalcon  | Merlin                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
|  |                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |
|  | Peregrine Falcon          | 1 |   | х |   | х |   |   |   |   |   |   |   |   |   |   |   |   |     |   |   |   |   |   |   |  |   |

|                         |   |  |           | -        |   |   |   | I |   |   |   |   | I |   |   |   |   | 1 | 1 |   | _        | 1 | 1        |   |
|-------------------------|---|--|-----------|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|----------|---|
| Yellow Rail             |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| King Rail               |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Virginia Rail           | 1 |  |           |          |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Sora                    | 1 |  |           |          |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Purple Gallinule        |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Common Moorhen          |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| American Coot           | 1 | Х  |           |          | Х |   | X |   | Х | Χ | X |   |   |   |   | X |   |   |   | X |          |   |          | X |
| Sandhill Crane          | 1 |  | х         |          |   |   | X | X |   |   | X |   | X |   |   |   |   |   |   |   |          |   |          | X |
| Black-bellied Plover    | 1 |  |           |          |   |   |   |   | χ | χ |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| American Golden-Plover  | 1 |  |           |          |   |   |   |   |   | Χ |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Semipalmated Plover     | 1 |  |           |          |   |   |   |   | Х | χ |   |   |   |   |   | X |   |   |   |   |          |   |          |   |
| Piping Plover           |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Killdeer                | 1 |  |           |          | χ | X | Х | х | Х | χ | X |   | х | Х |   | X |   |   |   |   |          |   |          |   |
| American Avocet         | 1 |  |           |          |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |          |   |          |   |
| Spotted Sandpiper       | 1 |  |           |          |   |   |   |   |   |   | Х | х | х |   |   | х |   |   |   |   |          |   |          |   |
| Solitary Sandpiper      | 1 |  |           |          |   |   |   |   |   |   | х |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Greater Yellowlegs      | 1 |  |           |          |   |   |   |   | Х | Х |   |   |   |   |   | Х |   |   |   |   |          |   |          |   |
| Willet                  | 1 |  |           |          |   |   |   |   |   |   |   |   |   |   |   | Х |   |   |   |   |          |   |          |   |
| Lesser Yellowlegs       | 1 |  |           |          |   |   | Х |   | Х | Х |   |   |   |   |   | Х |   |   |   |   |          |   |          |   |
| Upland Sandpiper        | 1 |  |           |          |   |   |   |   |   |   | Х |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Whimbrel                |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Hudsonian Godwit        |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Marbled Godwit          | 1 |  |           |          |   |   |   |   |   |   |   |   |   |   |   | х |   |   |   |   |          |   |          |   |
| Ruddy Turnstone         |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Red Knot                |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Sanderling              |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Semipalmated Sandpiper  | 1 |  |           |          |   |   |   |   |   | х |   |   |   |   |   | х |   |   |   |   |          |   |          |   |
| Western Sandpiper       |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Least Sandpiper         | 1 |  |           |          |   |   |   |   | х | х | х |   | х |   |   | х |   |   |   |   |          |   |          |   |
| White-rumped Sandpiper  |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Baird's Sandpiper       | 1 |  |           |          |   |   |   |   |   |   |   |   |   |   |   | х |   |   |   |   |          |   |          |   |
| Pectoral Sandpiper      | 1 |  |           |          |   |   |   |   |   |   | х |   |   |   |   | х |   |   |   |   |          |   |          |   |
| Purple Sandpiper        |   |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Dunlin                  | 1 |  |           |          |   |   |   |   | х | х |   |   |   |   |   |   |   |   | Х |   |          |   |          |   |
| Curlew Sandpiper        | • |  |           |          |   |   |   |   | ^ | ^ |   |   |   |   |   |   |   |   | ^ |   |          |   |          |   |
| Stilt Sandpiper         | 1 |  |           |          |   |   |   |   |   |   |   |   |   |   |   | х |   |   |   |   |          |   |          |   |
| Buff-breasted Sandpiper | - | $\vdash$   | $\dashv$  | _        |   |   |   |   |   |   |   |   |   |   |   | ^ |   |   |   |   |          |   |          |   |
| Ruff                    |   |  | $\dashv$  |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Short-billed Dowitcher  | 1 |  |           |          |   |   |   |   |   |   | Х |   |   |   |   | Х |   |   |   |   |          |   |          |   |
| Long-billed Dowitcher   | - |  | $\exists$ | $\dashv$ |   |   |   |   |   |   | ^ |   |   |   |   | ^ |   |   |   |   |          |   |          |   |
|                         | 4 | $\vdash$   | $\dashv$  | -        |   |   | Х |   |   |   |   |   |   |   |   |   |   | Х |   |   | -        |   |          |   |
| Wilson's Snipe          | 1 |  | $\dashv$  | -        |   |   | ۸ |   |   | v | v |   |   |   | H |   | - | ^ |   |   |          |   |          |   |
| American Woodcock       | 1 |  |           |          |   |   |   |   |   | Х | Х |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Wilson's Phalarope      |   | $\vdash$   |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Red-necked Phalarope    | _ |  | $\dashv$  |          |   |   |   |   |   |   |   |   |   |   |   |   | - |   | v |   | -        |   |          |   |
| Red Phalarope           | 1 |  | $\dashv$  | $\dashv$ |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |          |   |          |   |
| Laughing Gull           |   | <del>                                     </del> | -         | _        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |          |   |
| Franklin's Gull         | 1 |  |           |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | <u> </u> |   | <u> </u> |   |

| Little Gull                       | 4 |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    | х  |   |          |   |
|-----------------------------------|---|----------|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|----------|----|----|---|----------|---|
|                                   | 1 |          |   |   |   |    |   |   |   | х |   | Х |   | х |   |   |   |          |   | х | _        | Х  | Х  |   |          |   |
| Bonaparte's Gull                  | 1 | х        | v |   |   | Х  | v | v | Х | Х | Х | X | Х | X |   |   | Х |          | х | Х | x<br>x   |    | X  |   |          |   |
| Ring-billed Gull  California Gull | 1 | ^        | ^ |   |   | ^  | Х | Х | ^ | ^ | ^ | ^ | ^ | ^ |   |   | ^ |          | ^ | ^ | ^        | ^  | ^  |   |          | Х |
|                                   | _ | Х        | v |   | v | v  |   | v | v | v | v | v |   | v |   |   | _ |          |   | v | v        | v  | v  |   |          | v |
| Herring Gull                      | 1 | ^        | ^ |   | Х | Х  |   | Х | Х | Х | Х | Х |   | Х |   |   | Х |          |   | Х | Х        | Х  | Х  |   |          | Х |
| Thayer's Gull                     | _ |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    | ., |   |          |   |
| Iceland Gull                      | 1 |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    | Х  |   |          |   |
| Black-headed Gull                 |   | .,       |   |   |   | ., |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    | ., |   |          |   |
| Lesser Black-backed Gull          | 1 | X        |   |   |   | Х  |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    | X  |   |          |   |
| Glaucous Gull                     | 1 | X        |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   | <u>,</u> | ., | X  |   |          |   |
| Great Black-backed Gull           | 1 | Х        |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   | Х        | Х  | Х  |   |          |   |
| Sabine's Gull                     |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Black-legged Kitiwake             |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Least Tern                        |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Caspian Tern                      | 1 |          |   | _ |   |    |   |   | Х |   |   | Х |   | Х |   |   | X |          |   |   |          |    |    |   | <u> </u> |   |
| Black Tern                        | 1 | $\vdash$ |   |   |   |    |   |   |   |   |   | Х |   | X |   |   |   | $\vdash$ |   |   | _        |    |    | _ | _        |   |
| Common Tern                       | 1 |          |   |   |   |    |   |   |   |   | Χ | X |   | X |   |   | X | $\vdash$ |   |   | _        |    |    |   | <u> </u> |   |
| Arctic Tern                       |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Forster's Tern                    | 1 |          |   |   |   |    |   |   |   |   |   |   |   | X |   |   |   |          |   |   |          |    |    |   |          |   |
| Pomarine Jaeger                   |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Parasitic Jaeger                  |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Long-tailed Jaeger                |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Ancient Murrelet                  |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Common Pigeon                     | 1 |          | X | X | X | X  |   | X | X | Χ |   | X | X | X |   |   |   |          |   |   | X        | X  | X  |   |          | X |
| Eurasian Collared-Dove            |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| White-winged Dove                 |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Mourning Dove                     | 1 | X        | X | X | Х | X  | х | X | X | X | X | X | X | X | X | Х | X | X        | X | Х | X        | X  | X  |   |          | X |
| Yellow-billed Cuckoo              | 1 |          |   |   |   |    |   |   |   |   | Χ |   |   | X |   | Х |   |          |   |   |          |    |    |   |          |   |
| Black-billed Cuckoo               | 1 |          |   |   |   |    |   |   |   |   |   |   |   |   |   | Х |   |          |   |   |          |    |    |   |          |   |
| Eastern Screech-Owl               | 1 |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          | Х |
| Great Horned Owl                  | 1 |          |   |   |   |    |   |   |   |   |   |   |   | X |   |   |   |          |   |   |          |    |    |   |          | X |
| Snowy Owl                         | 1 | х        |   |   | х |    |   |   |   |   |   | Χ |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Northern Hawk Owl                 |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Barred Owl                        |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Great Gray Owl                    |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Long-eared Owl                    |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Short-eared Owl                   |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Boreal Owl                        |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Northern Saw-whet Owl             | 1 |          |   |   |   |    |   |   | х |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          | X |
| Common Nighthawk                  | 1 |          |   |   |   |    |   |   |   |   |   | Х |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Chuck-will's-widow                |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Whip-poor-will                    | 1 |          |   |   |   |    |   |   |   | Х |   | х |   |   |   |   |   |          |   |   |          |    |    |   | Ĺ        |   |
| Chimney Swift                     | 1 |          |   |   |   |    |   |   |   | Х |   |   |   | х | х | х |   |          | х |   |          |    |    |   |          |   |
| Ruby-throated Hummingbird         | 1 |          |   |   |   |    |   |   |   |   |   | х | Х |   | х | х |   |          | Х |   |          |    |    |   |          |   |
| Rufous Hummingbird*               |   |          |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |          |   |   |          |    |    |   |          |   |
| Belted Kingfisher                 | 1 |          |   |   |   |    |   | х | х |   |   | х |   | х |   |   | х |          |   |   |          |    |    |   |          |   |
| Red-headed Woodpecker             | 1 |          |   |   |   |    |   | Х |   |   |   | Х |   |   |   | х |   |          |   |   |          |    |    |   |          | х |

| Red-bellied Woodpecker    | 1          |          |   | х   |   |    | х        | х        | х  | х |   | х | х                                     | х | х | х |   | х | Х | Х  |    | х  | х |          |   | х |
|---------------------------|------------|----------|---|-----|---|----|----------|----------|----|---|---|---|---------------------------------------|---|---|---|---|---|---|----|----|----|---|----------|---|---|
| Yellow-bellied Sapsucker  | 1          |          |   |     |   |    |          | х        | х  |   |   | Х |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Downy Woodpecker          | 1          | х        | х | х   | х | х  | х        | Х        | х  | х | х | Х | х                                     |   |   |   |   | х | х | х  | х  | х  | х |          |   | х |
| Hairy Woodpecker          | 1          |          | - | х   | х |    | Х        | Х        | Х  |   | Х | Х |                                       | х |   | х |   |   |   | Х  |    | Х  |   |          |   | X |
| Am. Three-toed Woodpecker |            |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Black-backed Woodpecker   |            |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Northern Flicker          | 1          | х        |   |     |   |    | х        | х        | х  |   | х | х | х                                     | х | х | х |   | х | х | х  | х  |    | х |          |   | х |
| Pileated Woodpecker       | 1          |          |   |     | х |    |          | х        | Х  |   |   | Х |                                       |   | Х |   |   |   |   |    | Х  |    |   |          |   | X |
| Olive-sided Flycatcher    | 1          |          |   |     |   |    |          |          |    |   |   |   | х                                     |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Eastern Wood-Pewee        | 1          |          |   |     |   |    |          |          |    |   |   | Х | Х                                     | х | х | х |   | х | х |    |    |    |   |          |   |   |
| Yellow-bellied Flycatcher |            |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Acadian Flycatcher        | 1          |          |   |     |   |    |          |          |    |   |   |   |                                       | х |   |   |   | Х |   |    |    |    |   |          |   |   |
| Alder Flycatcher          | 1          |          |   |     |   |    |          |          |    |   |   |   | х                                     |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Willow Flycatcher         | 1          |          |   |     |   |    |          |          |    |   | х |   |                                       | х |   | х |   |   |   |    |    |    |   |          |   |   |
| Least Flycatcher          | 1          |          |   |     |   |    |          |          |    |   | - | х |                                       | х |   |   |   |   |   |    |    |    |   |          |   |   |
| Eastern Phoebe            | 1          |          |   |     |   |    |          | х        | х  |   |   | X | х                                     | X |   | х |   |   |   |    |    |    |   |          |   |   |
| Say's Phoebe              | <u> </u>   |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Great-crested Flycatcher  | 1          |          |   |     |   |    |          |          |    |   | х | х | х                                     | х | х | х |   |   |   |    |    |    |   |          |   |   |
| Western Kingbird          | <u> </u>   |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Eastern Kingbird          | 1          |          |   |     |   |    |          |          |    |   | х | х | х                                     | х | х | х | х |   |   |    |    |    |   |          |   |   |
| Scissor-tailed Flycatcher | <u> </u>   |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Loggerhead Shrike         |            |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Northern Shrike           | 1          |          |   |     | х |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   | х |
| White-eyed Vireo          | 1          |          |   |     |   |    |          |          |    |   |   |   | х                                     |   |   |   |   |   |   |    |    |    |   |          |   | х |
| Bell's Vireo              | <u> </u>   |          |   |     |   |    |          |          |    |   |   |   |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Yellow-throated Vireo     | 1          |          |   |     |   |    |          |          |    |   |   | х | х                                     |   |   | х |   |   |   |    |    |    |   |          |   |   |
| Blue-headed Vireo         | 1          |          |   |     |   |    |          | х        |    |   | х | Х |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Warbling Vireo            | 1          |          |   |     |   |    |          |          |    |   | х | х |                                       | х |   | х |   |   | х |    |    |    |   |          |   |   |
| Philadelphia Vireo        | 1          |          |   |     |   |    |          |          |    |   |   | Х |                                       |   |   |   |   |   |   |    |    |    |   |          |   |   |
| Red-eyed Vireo            | 1          |          |   |     |   |    |          |          |    |   |   | X | х                                     | х | х | х |   |   | х |    |    |    |   |          |   |   |
| Gray Jay                  | <b>†</b> ' |          |   |     |   |    |          |          |    |   |   | ^ | ^                                     | ^ | ^ | ^ |   |   | ^ |    |    |    |   |          |   |   |
| Blue Jay                  | 1          | Х        | Y | х   | Х | Х  | х        | х        | Х  | х | х | х | х                                     |   | Х | х |   | х | Y | Х  | Х  | х  | х |          |   | х |
| Fish Crow                 | 1          | ^        | ^ | ^   | ^ | ^  | ^        | X        | ^  | ^ | ^ | ^ | ^                                     |   | ^ | ^ |   | ^ | ^ | ^  | ^  | ^  | ^ |          |   | ^ |
| American Crow             | 1          | Y        | х | х   | х | х  |          | X        | х  | х |   | х | х                                     | Х | х | х | Х | Х |   | Х  | Х  |    | х |          |   | х |
| Common Raven              | 1          | ^        | ^ | ^   | x | ^  |          | ^        | x  | ^ |   | ^ | ^                                     | ^ | ^ | ^ | ^ | ^ |   | ^  | ^  |    | ^ |          |   | ^ |
| Horned Lark               | 1          |          |   |     | x |    |          | х        | ^  | х | х | х | х                                     | х |   |   |   |   |   |    | Х  |    |   |          |   | Х |
| Purple Martin             | 1          | $\vdash$ |   |     | ^ |    |          | ^        |    | X | Х | X | ^                                     | ^ |   |   |   |   |   |    | ^  |    |   |          |   | ^ |
| Tree Swallow              | 1          |          |   |     |   |    | х        | х        |    | X | X | X | х                                     | Х | y | Х | Х | Х |   | Х  |    |    |   |          |   |   |
| N. Rough-winged Swallow   | 1          |          |   |     |   |    | ^        | X        |    | X | ^ | X | Х                                     | X | ^ | ^ | X | ^ |   | ^  |    |    |   |          |   |   |
| Bank Swallow              | 1          |          |   |     |   |    |          | ^        |    | ^ |   | ^ | ^                                     | X |   |   | X |   |   |    |    |    |   |          |   |   |
| Cliff Swallow             | 1          |          |   |     |   |    |          |          |    |   |   |   |                                       | X |   |   | ^ |   |   |    |    |    |   |          |   |   |
|                           | <u> </u>   |          |   |     |   |    |          |          |    |   |   |   |                                       | ^ |   |   |   |   |   |    |    |    |   |          |   |   |
| Cave Swallow              | 4          |          |   |     |   |    |          | х        |    | Х | Х | Х | Х                                     | Х | Х |   | ~ | Х |   |    |    |    |   |          |   |   |
| Black capped Chickedee    | 1          | v        | v | v   | ~ | v  | v        |          | v  | ۸ | ^ |   |                                       | ^ |   | v | ^ |   | v | v  | v  | v  | v |          |   | v |
| Black-capped Chickadee    | 1          | X        | X | Х   | Х | Х  | Х        | Х        | Х  |   |   | Х | Х                                     |   | X | X |   | X | X | Х  | X  | Х  | Х |          | H | X |
| Boreal Chickadee          |            |          | v | \ , |   | ., | .,       | .,       |    |   |   |   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |   |   |   |   |   |   | ., | ., | ,, |   |          |   | v |
| Tufted Titmouse           | 1          |          | Х | X   |   | Х  | Х        | Х        | ,, |   |   |   | Х                                     |   | X | Х |   | Χ | X | X  | X  | Х  |   |          |   | X |
| Red-breasted Nuthatch     | 1          | <u> </u> |   |     |   |    | <u> </u> | <u> </u> | X  |   |   |   |                                       |   |   |   |   |   |   |    | X  |    |   | <u> </u> |   | X |

| White-breasted Nuthatch    | 1 | х        | х        | х | х | Х | х | Х | Х |   |    |    | х  | Х  | Х  | х  |   | Х | Х  | х | х | Х | х |  | х |
|----------------------------|---|----------|----------|---|---|---|---|---|---|---|----|----|----|----|----|----|---|---|----|---|---|---|---|--|---|
| Brown Creeper              | 1 |          |          |   |   |   | х | Х | Х |   |    |    |    |    |    |    |   |   |    |   | х |   | х |  |   |
| Rock Wren                  |   |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Carolina Wren              |   |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| House Wren                 | 1 |          |          |   |   |   |   |   |   |   | Х  | Х  | х  | х  | х  | х  |   |   | Х  |   |   |   |   |  |   |
| Winter Wren                |   |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Sedge Wren                 | 1 |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    | х |   |    |   |   |   |   |  |   |
| Marsh Wren                 | 1 |          |          |   |   |   |   |   |   |   | х  |    |    | х  |    |    |   |   |    |   |   |   |   |  |   |
| Golden-crowned Kinglet     | 1 |          |          |   |   |   |   |   | х |   |    |    |    |    |    |    |   |   |    | х | х | х |   |  | х |
| Ruby-crowned Kinglet       | 1 |          |          |   |   |   |   | х | Х | х | х  | х  |    |    |    |    |   |   | х  | Х |   |   |   |  |   |
| Blue-gray Gnatcatcher      | 1 |          |          |   |   |   |   |   |   | Х |    | Х  | х  | х  |    | х  |   |   | Х  |   |   |   |   |  |   |
| Eastern Bluebird           | 1 | х        |          | х |   |   | х | Х |   |   |    | Х  | х  |    | х  | х  |   |   | Х  | х |   |   |   |  | х |
| Townsend's Solitaire       | • | Ť        |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Veery                      | 1 |          |          |   |   |   |   |   |   |   | Х  | х  | х  |    |    |    |   | х |    |   |   |   |   |  |   |
| Gray-cheeked Thrush        | 1 |          |          |   |   |   |   |   |   |   | X  | ^  | ^  |    |    |    |   | _ |    |   |   |   |   |  |   |
| Swainson's Thrush          | 1 |          |          |   |   |   |   |   |   |   | X  | Х  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Hermit Thrush              | 1 | $\vdash$ | $\vdash$ |   |   |   | х | х | Х | х | X  | ^  |    |    |    |    |   |   |    | х |   |   |   |  |   |
| Wood Thrush                | 1 |          |          |   |   |   | ^ | ^ | ^ | ^ | ^  | Х  | х  |    |    |    |   |   |    | ^ |   |   |   |  |   |
|                            |   |          |          |   |   | v | v | v | v | v | v  |    |    | ~  | v  | v  | ~ | Х | v  | v | v | v | v |  | v |
| American Robin             | 1 |          |          |   |   | Х | Х | Х | X | Х | Х  | Х  | X  | X  | Х  | Α. | X | Χ | Х  | Х | X | X | X |  | Х |
| Varied Thrush              |   |          |          |   |   |   |   |   |   |   | ., | ., | ., | ., | ., | ., |   |   | ., |   |   |   |   |  |   |
| Gray Catbird               | 1 |          |          |   |   |   |   |   |   |   | Х  | Х  | Х  | Х  | Х  | Х  |   |   | X  |   |   |   |   |  |   |
| Northern Mockingbird       |   |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Sage Thrasher              |   |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Brown Thrasher             | 1 |          |          |   |   |   |   | Х |   |   |    | Х  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| European Starling          | 1 | Х        | Х        | Х | Х | Х | X | Х | Х | Х | Х  | Х  | Х  | Х  | Х  | Х  | Х | Х |    | Х | X | Х | Х |  | Х |
| American Pipit             | 1 |          |          |   | _ |   |   |   |   |   | X  | Х  |    |    |    |    |   |   |    |   | X |   |   |  |   |
| Bohemian Waxwing           | 1 |          |          | _ | Х |   |   |   |   |   |    |    |    |    |    |    |   | _ |    |   |   |   |   |  |   |
| Cedar Waxwing              | 1 |          |          | Х |   |   | Х |   |   |   |    | Х  |    | X  | Х  | Х  | Х | Х | X  |   |   | Х |   |  | Х |
| Blue-winged Warbler        | 1 |          |          |   |   |   |   |   |   |   |    |    | X  |    |    | Х  |   |   |    |   |   |   |   |  |   |
| Golden-winged Warbler      | 1 |          |          |   |   |   |   |   |   |   |    | Х  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Tennessee Warbler          | 1 |          |          |   |   |   |   |   |   |   | Х  | Х  |    |    |    |    |   |   | X  |   |   |   |   |  |   |
| Orange-crowned Warbler     | 1 |          |          |   |   |   |   |   |   |   |    | X  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Nashville Warbler          | 1 |          |          |   |   |   |   |   |   |   | X  | Х  | X  |    |    |    |   |   | X  |   |   |   |   |  |   |
| Northern Parula            | 1 |          |          |   |   |   |   |   |   |   | Χ  | X  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Yellow Warbler             | 1 |          |          |   |   |   |   |   |   | Х | Χ  | X  | X  | X  | Х  |    | X |   |    |   |   |   |   |  |   |
| Chestnut-sided Warbler     | 1 |          |          |   |   |   |   |   |   |   | X  | Х  | X  |    |    |    |   |   | X  |   |   |   |   |  |   |
| Magnolia Warbler           | 1 |          |          |   |   |   |   |   |   |   | X  | X  |    |    |    |    |   | Χ | X  |   |   |   |   |  |   |
| Cape May Warbler           | 1 |          |          |   |   |   |   |   |   |   | X  | X  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Black-throat. Blue Warbler | 1 |          |          |   |   |   |   |   |   |   | X  | X  | X  |    | X  |    |   |   |    |   |   |   |   |  |   |
| Yellow-rumped Warbler      | 1 |          |          |   |   |   | X | X |   |   | Χ  | X  |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Black-throa. Green Warbler | 1 | _        | _        |   |   |   |   |   |   |   |    | X  | Χ  |    |    |    |   |   | X  |   |   |   | _ |  |   |
| Blackburnian Warbler       | 1 |          |          |   |   |   |   |   |   |   | Χ  | X  |    |    |    |    |   |   | X  |   |   |   | _ |  |   |
| Yellow-throated Warbler    | 1 |          |          |   |   |   |   | Х |   |   |    |    |    |    |    |    |   |   |    |   |   |   | _ |  |   |
| Pine Warbler               | 1 | _        | _        |   |   |   |   | X | Х |   |    | X  | X  |    |    |    |   |   |    |   |   |   |   |  |   |
| Kirtland's Warbler         |   | _        | _        |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Prairie Warbler            |   |          |          |   |   |   |   |   |   |   |    |    |    |    |    |    |   |   |    |   |   |   |   |  |   |
| Palm Warbler               | 1 |          |          |   |   |   |   |   |   |   | X  | X  |    |    |    |    |   |   | X  |   |   |   |   |  |   |

| Blackpoil Warbler   | Day has a star 1344 111   | _ |   |   |   |   | 1 |   |   | 1 |   |   | ., |   |   |   | 1 |   |   | ., |   |   |   | <u> </u> |  |   |
|---|---------------------------|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|----|---|---|---|----------|--|---|
| Cerulean Warbler  | Bay-breasted Warbler      | 1 |   |   |   |   |   |   |   |   |   | Х | Х  |   |   |   |   |   |   | X  |   |   |   |          |  |   |
| Black and white Warbler   |                           |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   | Х  |   |   |   |          |  |   |
| American Redstant 1   |                           |   |   |   |   |   |   |   |   |   |   |   |    |   | Х |   |   |   |   |    |   |   |   |          |  |   |
| Prothonotary Warbler  |                           |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   | Х |    |   |   |   |          |  |   |
| Worn-eating Warbler   |                           |   |   |   |   |   |   |   |   |   |   |   | Х  | Х | Х |   |   |   |   |    |   |   |   |          |  |   |
| Overbird    1   |                           | 1 |   |   |   |   |   |   |   |   |   | X |    |   |   |   |   |   |   | X  |   |   |   |          |  |   |
| Northern Waterthrush  | Worm-eating Warbler       |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Louisiana Waterhrush  1   | Ovenbird                  | 1 |   |   |   |   |   |   |   |   |   |   | X  | X |   |   |   |   |   |    |   |   |   |          |  |   |
| Kentucky Warbier Connecticut Warbier Connecticut Warbier Connecticut Warbier 1  | Northern Waterthrush      | 1 |   |   |   |   |   |   |   |   |   | X |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Connecticut Warbier  Mourring Warbier  1  | Louisiana Waterthrush     | 1 |   |   |   |   |   |   | X |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Mourning Warbler  | Kentucky Warbler          |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Common Yellowthroat   | Connecticut Warbler       |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Hooded Warbler  | Mourning Warbler          | 1 |   |   |   |   |   |   |   |   |   |   |    | X |   |   |   |   |   |    |   |   |   |          |  |   |
| Wilson's Warbler  | Common Yellowthroat       | 1 |   |   |   |   |   |   |   |   |   | X | X  | X | X | X | X |   | X |    |   |   |   |          |  |   |
| Canada Warbier  | Hooded Warbler            | 1 |   |   |   |   |   |   |   |   |   | X |    | Х |   |   |   |   |   |    |   |   |   |          |  |   |
| Yellow-breasted Chat         1         V         V         X  | Wilson's Warbler          | 1 |   |   |   |   |   |   |   |   |   |   | Х  | Х |   |   |   |   |   | X  |   |   |   |          |  |   |
| Summer Tanager  | Canada Warbler            | 1 |   |   |   |   |   |   |   |   |   | Х | X  |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Scariet Tanager   | Yellow-breasted Chat      |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Western Tanager         Green-tailed Towhee           Eastern Towhee         1         X<   | Summer Tanager            | 1 |   |   |   |   |   |   |   |   |   | χ |    | Х |   |   | х |   |   |    |   |   |   |          |  |   |
| Green-tailed Towhee  Eastern Towhee  1  | Scarlet Tanager           | 1 |   |   |   |   |   |   |   |   |   | χ | Χ  | Х |   | Х |   |   | χ | X  |   |   |   |          |  |   |
| Eastern Towhee  | Western Tanager           |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| American Tree Sparrow 1   | Green-tailed Towhee       |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Chipping Sparrow 1  | Eastern Towhee            | 1 |   |   |   |   |   |   | Х |   | Х |   | Х  | х |   | х | х |   |   | X  |   |   |   |          |  |   |
| Clay-colored Sparrow 1  | American Tree Sparrow     | 1 | х | Χ | X | X |   |   |   | Х |   |   |    |   |   |   |   |   |   |    |   | X | Х | х        |  | X |
| Field Sparrow   | Chipping Sparrow          | 1 |   |   |   |   |   | х | X |   |   |   | X  | Х |   | Х | х |   |   | X  | X |   |   |          |  |   |
| Vesper Sparrow  | Clay-colored Sparrow      | 1 |   |   |   |   |   |   |   |   |   |   | Χ  | Х |   |   |   |   |   |    |   |   |   |          |  |   |
| Lark Sparrow       1  | Field Sparrow             | 1 |   |   |   |   |   |   | X |   |   |   |    | X |   | X | Х |   |   |    |   |   |   |          |  |   |
| Lark Bunting         1         X <t< td=""><td>Vesper Sparrow</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Х</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | Vesper Sparrow            | 1 |   |   |   |   |   |   |   |   |   |   |    |   |   | Х |   |   |   |    |   |   |   |          |  |   |
| Savannah Sparrow         1         X  | Lark Sparrow              | 1 |   |   |   |   |   |   |   |   |   |   |    |   |   |   | х |   |   |    |   |   |   |          |  |   |
| Carashopper Sparrow   | Lark Bunting              |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Henslow's Sparrow         Le Conte's Sparrow         Le Conte | Savannah Sparrow          | 1 |   |   |   |   |   |   | X |   | Х |   | Х  | х |   |   |   |   |   |    |   |   |   |          |  |   |
| Le Conte's Sparrow         Nel. Sharp-tailed Sparrow         1         X  | Grasshopper Sparrow       | 1 |   |   |   |   |   |   |   |   |   |   | X  |   |   |   | х |   |   |    |   |   |   |          |  |   |
| Nel. Sharp-tailed Sparrow         1         X <td>Henslow's Sparrow</td> <td></td>  | Henslow's Sparrow         |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Fox Sparrow         1         X <td< td=""><td>Le Conte's Sparrow</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>   | Le Conte's Sparrow        |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Song Sparrow         1         X <t< td=""><td>Nel. Sharp-tailed Sparrow</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   | Nel. Sharp-tailed Sparrow |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Lincoln's Sparrow         1         X   | Fox Sparrow               | 1 |   |   |   |   |   |   |   | х |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Lincoln's Sparrow         1         X   | Song Sparrow              | 1 | х |   | х |   | х | Х | Х | х | х | х | х  | х | х | х | х | х | х | х  | х |   | х |          |  | х |
| Swamp Sparrow         1         X         <   |                           |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| White-throated Sparrow         1         X  | Swamp Sparrow             | 1 | х |   |   |   |   | Х | Х | х | х | х | х  | х | х |   |   |   |   |    | х |   |   |          |  | х |
| Harris's Sparrow         1         X X X         X X X         X X X         X X X X         X X X X         X X X X X         X X X X X X         X X X X X X X X X X X X X X X X X X X  | White-throated Sparrow    |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   | х |          |  |   |
| White-crowned Sparrow         1         X   |                           |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Dark-eyed Junco         1         X   |                           | 1 |   |   |   |   |   |   |   |   | х | Х | х  |   |   |   |   |   |   |    | х |   |   |          |  |   |
| Lapland Longspur         1         X  |                           |   | х |   | х | х | х |   |   | х |   |   |    |   |   |   |   |   |   |    |   | х | х | х        |  | х |
| Smith's Longspur Snow Bunting  1 X X X X X X  |                           |   | İ |   | Ī |   |   |   | х |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
| Snow Bunting 1 X X X  |                           |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |    |   |   |   |          |  |   |
|   |                           | 1 |   |   |   | х |   |   |   | х |   |   |    |   |   |   |   |   |   |    |   | х |   |          |  | х |
| Northern Cardinal   1   X   X   X   X   X   X   X   X   X   | Northern Cardinal         | 1 | x | x | х |   |   | х | х |   | Х |   | Х  | х | х | х | х |   | х | х  | х |   | х | x        |  | X |

| Rose-breasted Grosbeak                 | 1        |   |   |   |   |   |   |   |   |   | х | х | Х | Х | Х | х |   | Х | х |   |   |   |   |  |   |  |
|--|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|--|
| Blue Grosbeak                          | <u> </u> |   |   |   |   |   |   |   |   |   | ^ | ^ | ^ | ^ | ^ | ^ |   | ^ | ^ |   |   |   |   |  |   |  |
| Indigo Bunting                         | 1        |   |   |   |   |   |   |   |   |   |   | х | Х | Х | Х | х | Х |   | х |   |   |   |   |  |   |  |
| Painted Bunting                        | + '      |   |   |   |   |   |   |   |   |   |   | ^ | ^ | ^ | ^ | ^ | ^ |   | ^ |   |   |   |   |  |   |  |
| Dickcissel                             |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Bobolink                               | 1        |   |   |   |   |   |   |   |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Red-winged Blackbird                   | 1        |   |   |   |   | х | х | х | х | х | х | X | х | х | Х | х | х |   |   | х | х | х |   |  |   |  |
| Eastern Meadowlark                     | 1        |   |   |   |   | ^ | ^ | X | x | ^ | ^ | X | X | ^ | ^ | x | ^ |   |   | ^ | ^ | ^ |   |  |   |  |
| Western Meadowlark                     | 1        |   |   |   |   |   |   | Х |   |   |   |   | ^ |   |   | _ |   |   |   |   |   |   |   |  |   |  |
| Yellow-headed Blackbird                | 1        |   |   |   |   |   |   | ^ |   |   |   |   |   | х |   |   | х |   |   |   |   |   |   |  |   |  |
| Rusty Blackbird                        | 1        |   |   |   |   |   |   |   | х |   |   |   |   | ^ |   |   | ^ |   |   |   |   |   |   |  |   |  |
| Brewer's Blackbird                     | 1        |   |   |   |   |   |   | х | ^ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Common Grackle                         | 1        |   |   |   |   | х | Х | X | х | х | х | Y | х | х | Х | Y | Х |   |   | х |   |   |   |  |   |  |
| Brown-headed Cowbird                   | 1        |   |   |   |   |   | Х | X | x | X | Х | Х | х | х | Х |   |   |   | х | ^ |   |   |   |  |   |  |
| Orchard Oriole                         | 1        |   |   |   |   |   |   | ^ |   | Х |   | X | ^ |   |   | x |   |   | ^ |   |   |   |   |  |   |  |
| Baltimore Oriole                       | 1        |   |   |   |   |   |   |   |   | ^ | х | X | х | х | х |   |   |   |   |   |   |   |   |  |   |  |
| Pine Grosbeak                          | 1        |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Purple Finch                           | 1        |   |   |   | _ |   |   |   | х |   |   | х |   |   |   |   |   |   |   |   |   |   |   |  | Х |  |
| House Finch                            | 1        |   |   |   |   |   |   | х |   |   |   |   |   | х |   |   |   |   | х | х |   | х | х |  | Х |  |
| Red Crossbill                          | 1        |   |   |   | х |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| White-winged Crossbill                 | 1        |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Common Redpoll                         | 1        |   |   |   | х |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Hoary Redpoll                          | 1        |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| Pine Siskin                            | 1        |   |   |   |   |   |   |   | х |   |   | х |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| American Goldfinch                     | 1        | х | х | х | х |   | х | х |   | х | х | х | х | х | х | х | х | х | х | х | х | х | х |  | Х |  |
| Evening Grosbeak                       | 1        |   |   |   | х |   |   |   | х |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |  |
| House Sparrow                          | 1        | х | х | х | х | х | х | х |   | Х | х | х | х | х | х |   |   |   |   | х | х | х | х |  | Х |  |
| American Goldfinch<br>Evening Grosbeak | 1        | Х |   |   | х | X |   |   |   |   |   | х |   |   |   | х | X | X | X |   |   |   |   |  |   |  |