

# Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine

conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007                     | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |    |
|--|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|----|
| <b>GEESE &amp; DUCKS</b>                 |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Canada Goose                             | 7   |    | 22  |    | 6   |    | 3   |    |     |    | 6   |    | 6   |    |     |    |     |    |     |    |     |    |     | 5  |    |
| Snow Goose                               |     |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Wood Duck                                |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Gadwall                                  | 8   |    | 2   |    | 11  |    | 23  |    | 5   |    | 13  |    | 2   |    |     |    | 13  |    |     |    | 7   | 34 | 47  |    |    |
| American Wigeon                          |     |    |     |    | 11  |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Mallard                                  | 42  |    | 40  |    | 36  | 8  | 42  | 4  | 41  |    | 38  |    | 136 |    | 94  |    | 30  |    | 44  |    | 30  | 5  | 40  |    |    |
| Blue-winged Teal                         |     |    |     |    |     |    | 7   |    | 2   |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    | 6   |    |    |
| Cinnamon Teal                            | 6   |    | 46  |    | 22  |    | 47  | 2  | 5   |    | 7   |    |     |    | 6   |    | 6   |    | 12  |    | 2   |    | 65  |    |    |
| Northern Shoveler                        | 703 |    | 521 |    | 478 | 4  | 199 |    |     |    |     |    |     |    |     |    | 3   |    | 47  |    | 117 | 6  | 354 |    |    |
| Northern Pintail                         | 21  |    | 4   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 7   |    |    |
| Green-winged Teal                        | 64  |    | 17  |    | 76  |    | 8   |    |     |    |     |    |     |    |     |    | 8   |    | 6   |    | 19  |    | 66  |    |    |
| Canvasback                               | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Redhead                                  | 3   |    | 4   |    | 4   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     | 13 |     | 3  |    |
| Ring-necked Duck                         |     |    | 9   |    |     | 4  |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     | 20 |     | 10 |    |
| Lesser Scaup                             |     |    | 14  |    | 23  |    |     |    |     |    |     |    |     |    |     |    |     |    | 19  |    | 58  |    | 3   |    |    |
| Bufflehead                               |     |    | 15  |    | 3   | 4  | 6   |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     | 1  |     | 3  |    |
| Ruddy Duck                               |     |    | 170 |    | 71  | 28 | 182 |    | 71  |    | 36  |    | 2   |    | 5   |    | 9   |    | 56  |    | 94  |    | 68  |    |    |
| <b>QUAIL</b>                             |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| California Quail                         |     |    |     |    |     |    |     |    |     |    |     |    | 10  |    |     |    |     |    |     |    |     |    |     | 12 | cw |
| <b>GREBES</b>                            |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Pied-billed Grebe                        | 34  |    | 21  |    | 24  | 14 | 27  | 2  | 19  |    | 24  |    | 21  |    | 20  |    | 43  |    | 54  |    | 24  | 3  | 24  |    |    |
| Horned Grebe                             |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Eared Grebe                              | 17  |    | 21  |    | 16  | 0  | 3   |    | 2   |    |     |    |     |    |     |    | 1   |    | 26  |    | 8   |    | 12  |    |    |
| Western Grebe                            | 1   |    |     |    |     |    | 1   |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     | 1  |     |    |    |
| Clark's Grebe                            | 2   |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    |     |    |     |    |     |    |     |    |     |    |    |
| <b>PELICANS &amp; CORMORANTS</b>         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| American White Pelican                   | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    | 20  |    | 25  |    | 51  |    | 302 |    | 111 |    |    |
| Brown Pelican                            |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |    |
| Double-crested Cormorant                 | 106 |    | 14  |    | 30  | 6  | 60  |    | 20  |    | 6   |    | 15  |    | 19  |    | 21  |    | 14  |    | 83  |    | 203 |    |    |
| <b>BITTERN, HERONS, EGRETS &amp; IBI</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| American Bittern                         | 1   |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |
| Least Bittern                            |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |    |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007                 | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |
|--------------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| Great Blue Heron                     | 21  |    | 3   |    | 4   |    | 10  | 1  | 6   |    | 8   |    | 7   |    | 8   |    | 6   |    | 8   |    | 8   |    | 5   | 2  |
| Great Egret                          | 13  |    | 1   |    | 10  | 1  | 11  | 1  | 2   |    | 4   |    | 4   |    | 9   |    | 13  |    | 6   |    | 11  | 1  | 12  | 3  |
| Snowy Egret                          | 11  |    | 3   |    | 3   | 1  | 4   | 2  |     |    | 1   |    | 1   |    | 4   |    | 7   |    | 3   |    | 3   |    | 10  |    |
| Cattle Egret                         |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Green Heron                          | 3   |    |     |    | 1   |    | 3   |    | 1   |    | 7   |    | 1   |    | 3   |    | 4   |    |     |    | 1   |    |     |    |
| Black-crowned Night-Heron            | 33  |    | 25  |    | 25  |    | 8   | 2  | 9   |    | 8   |    | 19  |    | 24  |    | 9   |    | 16  |    | 8   |    | 20  |    |
| White-faced Ibis                     | 14  |    |     |    | 8   |    |     |    | 1   |    | 1   |    |     |    |     |    |     |    | 1   |    | 44  |    | 3   |    |
| <b>DIURNAL BIRDS OF PREY</b>         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Turkey Vulture                       | 2   |    | 26  |    | 15  | 20 | 10  |    | 8   |    | 3   |    |     |    | 2   |    | 24  |    | 1   |    |     |    | 11  | 1  |
| Osprey                               | 2   |    |     |    |     |    | 1   |    | 1   |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    |     |    |
| White-tailed Kite                    | 1   |    |     |    |     |    | 2   |    |     |    |     |    |     |    |     |    | 2   |    | 1   |    |     |    |     |    |
| Northern Harrier                     | 4   |    | 3   |    | 1   |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    | 1   |    | 2   |    |
| Sharp-shinned Hawk                   | 1   |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Cooper's Hawk                        | 2   |    | 1   |    |     |    | 4   |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    |
| Red-shouldered Hawk                  | 3   |    | 2   |    | 2   |    | 4   |    | 2   |    | 1   |    | 1   |    | 1   |    | 1   |    | 2   |    | 2   |    | 3   |    |
| Red-tailed Hawk                      | 5   |    | 4   |    | 2   |    | 1   |    |     |    | 1   |    |     |    |     |    | 1   |    |     |    | 2   |    | 5   |    |
| American Kestrel                     | 6   |    | 2   |    | 2   |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 2   |    | 3   |    | 1   |    |
| Merlin                               | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |
| Peregrine Falcon                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |
| <b>RAILS, GALLINULES &amp; COOTS</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Virginia Rail                        | 3   |    | 2   |    | 1   |    |     |    | 1   |    |     |    |     |    |     |    | 3   |    | 1   |    |     |    |     |    |
| Sora                                 |     |    |     |    | 1   |    |     |    | 1   |    |     |    |     |    |     |    | 16  |    | 1   |    |     |    |     |    |
| Common Moorhen                       | 3   |    | 1   |    | 4   | 6  | 2   | 1  |     |    | 2   |    | 4   |    |     |    | 3   | 3  | 1   |    | 1   | 1  | 1   |    |
| American Coot                        | 123 |    | 72  |    | 58  | 25 | 53  | 3  | 19  |    | 20  |    | 14  |    | 7   |    | 18  | 1  | 48  |    | 128 | 20 | 95  | 10 |
| <b>PLOVERS</b>                       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Black-bellied Plover                 |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 2   |    |     |    |
| Semipalmated Plover                  | 67  |    | 50  |    | 40  |    | 3   |    |     |    |     |    |     |    |     |    | 1   |    |     |    | 18  |    | 24  |    |
| Killdeer                             | 38  |    | 38  |    | 63  | 3  | 8   | 1  | 9   |    | 6   |    | 8   |    | 3   |    | 3   |    | 16  |    | 38  |    | 1   |    |
| <b>STILTS &amp; AVOCETS</b>          |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Black-necked Stilt                   | 126 |    | 28  |    | 69  |    | 17  |    | 7   |    | 10  |    | 14  |    | 30  |    | 77  |    | 27  |    |     |    | 97  | 2  |
| American Avocet                      | 6   |    | 5   |    | 54  |    | 23  |    | 32  |    | 18  |    | 32  |    | 7   |    | 15  |    | 57  |    |     |    | 30  |    |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine

conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007               | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |
|------------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| <b>SANDPIPERS &amp; PHALAROPES</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Greater Yellowlegs                 |     |    |     |    | 1   |    | 1   |    |     |    |     |    | 1   |    |     |    | 1   |    |     |    |     |    |     |    |
| Lesser Yellowlegs                  |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 12  |    |     |    |     |    |     |    |     |    |
| Solitary Sandpiper                 |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Willet                             |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Spotted Sandpiper                  | 3   |    |     |    | 2   | 1  |     |    |     |    |     |    |     |    | 1   |    | 1   | 1  | 2   |    | 4   |    |     |    |
| Whimbrel                           |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Long-billed Curlew                 | 7   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Marbled Godwit                     |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |
| Western Sandpiper                  | 50  |    | 65  |    | 204 |    | 46  |    | 15  |    |     |    |     |    | 3   |    | 18  |    |     |    | 16  |    | 157 |    |
| Least Sandpiper                    | 2   |    | 5   |    | 2   |    | 31  |    |     |    |     |    |     |    |     |    | 4   |    | 2   |    | 24  |    | 23  |    |
| Baird's Sandpiper                  |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Pectoral Sandpiper                 |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 2   |    |     |    |
| Ruff                               |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1f  |    |     |    |     |    |     |    |     |    |
| Dunlin                             |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Short-billed Dowitcher             |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |
| Long-billed Dowitcher              | 55  |    | 81  |    | 101 |    | 60  |    | 38  |    |     |    |     |    | 136 |    | 103 |    | 115 |    | 66  |    | 133 |    |
| Wilson's Snipe                     | 4   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Wilson's Phalarope                 |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 16  |    |     |    |     |    |     |    |     |    |
| <b>GULLS, TERNS &amp; SKIMMERS</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Bonaparte's Gull                   |     |    |     |    | 1   |    | 1   |    | 10  |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |
| Ring-billed Gull                   | 25  |    | 2   |    | 31  | 1  | 17  |    | 22  |    |     |    | 2   |    |     |    |     |    |     |    | 6   |    | 48  |    |
| California Gull                    | 22  |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Western Gull                       | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Caspian Tern                       |     |    |     |    |     |    | 2   |    | 3   |    |     |    | 6   |    | 4   |    | 2   |    |     |    | 1   |    | 2   |    |
| Elegant Tern                       |     |    |     |    |     |    | 3   |    |     |    | 2   |    | 1   |    | 1   |    |     |    |     |    |     |    |     |    |
| Forster's Tern                     | 3   |    |     |    |     |    | 4   |    | 9   |    | 12  |    | 20  |    | 19  |    | 8   | 6  | 4   |    | 17  |    | 14  |    |
| Least Tern                         |     |    |     |    |     |    |     |    |     |    | 10  |    | 7   |    | 8   |    |     |    | 1   |    |     |    |     |    |
| Black Skimmer                      |     |    |     |    |     |    |     |    |     |    |     |    | 5   |    | 4   |    | 1   |    |     |    |     |    |     |    |
| <b>PIGEONS &amp; DOVES</b>         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Rock Pigeon (Dove)                 | 4   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Mourning Dove                      | 20  |    | 23  |    | 23  | 2  | 4   | 3  | 28  |    | 18  |    | 10  |    | 26  |    | 55  |    | 17  |    | 10  |    | 14  |    |
| Common Ground-Dove                 | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine

conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007      | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |  |
|---------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|--|
| <b>ROADRUNNERS</b>        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Greater Roadrunner        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |  |
| <b>OWLS</b>               |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Barn Owl                  |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Great Horned Owl          |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| <b>SWIFTS</b>             |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Vaux's Swift              |     |    |     |    |     |    | 2   |    | 37  |    | 3   |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| White-throated Swift      | 136 |    | 13  |    | 20  |    | 1   |    | 11  |    | 9   |    |     |    | 17  |    |     |    |     |    |     |    |     |    |  |
| <b>HUMMINGBIRDS</b>       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Black-chinned Hummingbird |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Anna's Hummingbird        | 95  |    | 47  |    | 54  |    | 20  | 2  | 27  |    | 13  |    | 10  |    | 23  |    | 25  |    | 21  |    | 29  |    | 32  |    |  |
| Costa's Hummingbird       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Rufous Hummingbird        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Allen's Hummingbird       | 3   |    | 6   |    | 6   |    | 9   |    | 10  |    | 6   |    | 2   |    | 1   |    |     |    |     |    |     |    |     | 3  |  |
| <b>KINGFISHERS</b>        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Belted Kingfisher         | 1   |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    |     |    |     |    |  |
| <b>WOODPECKERS</b>        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Nuttall's Woodpecker      | 3   |    | 1   |    | 1   |    |     |    |     |    |     |    | 1   |    |     |    | 3   |    |     |    | 2   |    |     | 2  |  |
| Downy Woodpecker          | 1   |    | 2   |    | 1   |    | 2   |    | 1   |    |     |    | 1   |    | 2   |    | 7   |    | 3   |    |     |    |     | 1  |  |
| Northern Flicker          | 1   |    | 1   |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 4   |    |     | 1  |  |
| <b>FLYCATCHERS</b>        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Willow Flycatcher         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Hammond's Flycatcher      |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Gray Flycatcher           |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Pacific-slope Flycatcher  |     |    |     |    |     |    | 2   |    | 3   |    |     |    | 1   |    |     |    | 2   |    |     |    |     |    |     |    |  |
| Western Wood-Pewee        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Black Phoebe              | 24  |    | 15  |    | 10  | 2  | 3   | 1  | 3   |    | 2   |    | 2   |    | 1   |    | 7   |    | 6   |    | 13  |    | 6   |    |  |
| Say's Phoebe              | 3   |    | 1   |    | 3   | 1  | 1   |    |     |    |     |    |     |    |     |    |     |    | 1   |    | 1   |    |     |    |  |
| Vermilion Flycatcher      |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Ash-throated Flycatcher   |     |    |     |    |     |    | 1   |    | 4   |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |  |
| Western Wood-Pewee        |     |    |     |    |     |    |     |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Cassin's Kingbird         | 18  |    | 5   |    | 4   |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     | 2  |     |    |     |    |  |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007               | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch  | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |
|------------------------------------|-----|----|-----|----|-----|----|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| Western Kingbird                   |     |    |     |    |     |    | 8   |     | 3   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Gray Flycatcher                    | 1   |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>SHRIKES</b>                     |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Loggerhead Shrike                  |     |    | 1   |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>VIREOS</b>                      |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Bell's Vireo                       |     |    |     |    |     |    | 3   |     | 3   |    | 2   |    | 2   |    | 5   |    | 5   |    |     |    |     |    |     |    |
| Cassin's Vireo                     |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Warbling Vireo                     |     |    |     |    |     |    |     |     | 9   |    |     |    |     |    |     |    | 4   |    |     |    |     |    |     |    |
| Hutton's Vireo                     |     |    |     |    |     |    |     |     |     |    |     |    |     |    | 1   |    | 2   |    |     |    |     |    |     |    |
| <b>CROWS &amp; RAVENS</b>          |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| American Crow                      | 38  |    | 25  |    | 23  | 4  | 37  | 7   | 24  |    | 7   |    | 36  |    | 14  |    | 15  |    | 280 |    | 58  |    | 15  |    |
| Common Raven                       |     |    | 1   |    | 1   |    | 4   |     | 2   |    | 1   |    | 5   |    |     |    |     |    | 1   |    | 1   |    | 3   |    |
| <b>SWALLOWS</b>                    |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Tree Swallow                       | 39  |    | 54  |    | 253 | 19 | 440 | 20  | 199 |    | 181 |    | 140 |    | 3   |    | 1   |    |     |    | 6   |    | 46  |    |
| Violet-green Swallow               |     |    |     |    |     |    | 5   | 0   |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| N. Rough-winged Swallow            | 6   |    | 1   |    | 2   |    | 118 | 115 | 25  |    | 1   |    | 11  |    |     |    | 4   |    |     |    |     |    |     |    |
| Cliff Swallow                      |     |    |     |    | 1   |    | 181 | 8   | 100 |    | 76  |    | 45  |    |     |    | 1   |    |     |    |     |    |     |    |
| Barn Swallow                       | 3   |    | 4   |    | 2   |    | 22  | 17  | 11  |    | 1   |    |     |    |     |    | 17  |    |     |    |     |    |     |    |
| Purple Martin                      |     |    |     |    |     |    |     |     | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>BUSHTITS &amp; WRENS</b>        |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Bushtit                            | 162 |    | 89  |    | 105 |    | 9   | 13  | 20  |    | 8   |    | 26  |    | 88  |    | 74  |    | 56  |    | 98  |    | 58  |    |
| Bewick's Wren                      |     |    | 2   |    | 2   |    |     |     | 1   |    |     |    |     |    |     |    | 2   |    | 1   |    |     |    |     |    |
| House Wren                         | 3   |    | 1   |    |     |    | 5   |     | 3   |    | 2   |    |     |    |     |    |     |    | 1   |    | 1   |    |     |    |
| Marsh Wren                         | 6   |    | 36  |    | 54  |    | 67  |     | 46  |    | 35  |    | 19  |    | 19  |    | 29  |    | 24  |    | 12  |    | 9   |    |
| <b>KINGLETS &amp; GNATCATCHERS</b> |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Ruby-crowned Kinglet               | 44  |    | 26  |    | 13  | 1  |     |     |     |    |     |    |     |    |     |    |     |    | 1   |    | 10  |    | 5   |    |
| Blue-gray Gnatcatcher              | 33  |    | 16  |    | 11  |    |     |     |     |    | 3   |    |     |    |     |    |     |    | 7   |    | 7   |    | 9   |    |
| California Gnatcatcher             | 1   |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>THRUSHES</b>                    |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Western Bluebird                   | 2   |    |     |    |     | 2  | 1   |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Hermit Thrush                      | 6   |    | 4   |    | 3   |    |     |     | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    | 6   |    |
| Swainson's Thrush                  |     |    |     |    |     |    |     |     |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine

conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007                | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |
|-------------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| <b>MOCKINGBIRDS &amp; THRASHER:</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Northern Mockingbird                | 4   |    | 5   |    | 1   |    | 1   |    | 4   |    | 1   |    | 2   |    |     |    |     |    |     |    | 2   |    | 1   |    |
| California Thrasher                 |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>SILKY FLYCATCHERS</b>            |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Phainopepla                         | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>STARLINGS</b>                    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| European Starling                   |     |    |     |    | 2   |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |
| <b>PIPITS &amp; WAXWINGS</b>        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| American Pipit                      | 51  |    | 4   |    | 20  |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 7   |    | 3   |    |
| Cedar Waxwing                       | 133 |    | 14  |    | 3   |    |     |    | 14  |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Phainopepla                         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     | 1  |
| <b>WARBLERS</b>                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Orange-crowned Warbler              | 12  |    | 1   |    | 4   |    | 16  |    | 5   |    | 1   |    | 5   |    | 2   |    | 8   |    | 2   |    | 3   | 2  | 2   |    |
| Nashville Warbler                   |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Yellow Warbler                      |     |    |     |    |     |    | 1   |    | 15  |    | 4   |    | 4   |    | 2   |    | 6   |    |     |    | 1   |    |     |    |
| Yellow-rumped Warbler (C)           | 144 |    | 58  |    | 127 | 10 | 106 |    | 1   |    |     |    |     |    |     |    |     |    |     |    | 23  |    | 96  |    |
| Yellow-rumped Warbler (Myr)         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Townsend's Warbler                  | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Palm Warbler                        |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| MacGillivray's Warbler              |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Common Yellowthroat                 | 158 |    | 44  |    | 120 | 1  | 63  |    | 61  |    | 75  |    | 55  |    | 51  |    | 112 |    | 72  |    | 33  |    | 46  | 1  |
| Black-throated Gray Warbler         |     |    |     |    | 1   |    | 6   |    | 1   |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    |
| Hermit Warbler                      |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| American Redstart                   |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Hermit Warbler                      |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Wilson's Warbler                    | 3   |    |     |    |     |    |     |    | 24  |    |     |    |     |    |     |    | 4   |    |     |    | 1   |    |     |    |
| Yellow-breasted Chat                |     |    |     |    |     |    |     |    | 5   |    | 7   |    | 5   |    | 1   |    | 3   |    |     |    |     |    |     |    |
| <b>TANAGERS</b>                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Western Tanager                     |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    | 2   |    | 1   |    |     |    |     |    |
| <b>TOWHEES &amp; SPARROWS</b>       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Spotted Towhee                      | 6   |    | 12  |    | 9   |    | 18  |    | 10  |    | 20  |    | 14  |    | 9   |    | 20  |    | 10  |    | 11  |    | 3   |    |
| California Towhee                   | 3   |    | 1   |    | 3   |    | 1   |    |     |    |     |    |     |    |     |    | 1   |    |     |    |     |    | 1   |    |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007            | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |
|---------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|
| Chipping Sparrow                |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>SPARROWS</b>                 |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Clay-colored Sparrow            | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Brewer's Sparrow                |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Lark Sparrow                    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Black-throated Sparrow          |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Savannah Sparrow                |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 2   |    |     |    |     |    |
| Fox Sparrow                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    | 1   |    |     |    |
| Song Sparrow                    | 122 |    | 101 |    | 114 | 3  | 96  |    | 75  |    | 61  |    | 30  |    | 32  |    | 90  |    | 47  |    | 57  |    | 29  | 4  |
| Lincoln's Sparrow               | 3   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| White-crowned Sparrow           | 167 |    | 88  |    | 36  |    | 18  |    |     |    |     |    |     |    |     |    |     |    | 9   |    | 89  |    | 15  |    |
| Golden-crowned Sparrow          |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>GROSBEAKS &amp; BUNTINGS</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Black-headed Grosbeak           |     |    |     |    |     |    |     |    |     |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Blue Grosbeak                   |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Lazuli Bunting                  |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>BLACKBIRDS &amp; ORIOLES</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Red-winged Blackbird            | 210 |    | 142 |    | 57  | 6  | 57  | 3  | 41  |    | 47  |    | 11  |    | 28  |    | 16  |    | 29  |    | 37  | 20 | 28  |    |
| Tricolored Blackbird            |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Western Meadowlark              |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     | 3  |     |    |
| Yellow-headed Blackbird         |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Brewer's Blackbird              |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Great-tailed Grackle            | 53  |    | 4   |    | 9   |    |     |    |     |    |     |    | 1   |    |     |    |     |    |     |    | 10  |    | 4   |    |
| Brown-headed Cowbird            | 1   |    |     |    |     |    | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| Hooded Oriole                   |     |    |     |    |     |    | 1   |    | 1   |    |     |    | 1   |    | 1   |    | 3   |    |     |    |     |    |     |    |
| Bullock's Oriole                |     |    |     |    |     |    | 2   |    |     |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |
| <b>FINCHES</b>                  |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| House Finch                     | 73  |    | 117 |    | 91  | 7  | 44  |    | 37  |    | 46  |    | 73  |    | 46  |    | 23  |    | 14  |    | 39  |    | 30  |    |
| Lesser Goldfinch                | 11  |    | 19  |    | 33  |    | 25  |    | 15  |    | 4   |    | 2   |    |     |    | 7   |    | 2   |    | 12  |    | 7   |    |
| American Goldfinch              | 20  |    | 7   |    | 28  |    | 14  |    | 2   |    | 16  |    | 6   |    | 5   |    | 21  |    | 5   |    |     |    |     |    |
| <b>OLD WORLD SPARROWS</b>       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |
| House Sparrow                   | 1   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |

## Monthly Census at the San Joaquin Wildlife Sanctuary in Irvine conducted by members of Sea & Sage Audubon

| Monthly Counts: 2007                |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
|-------------------------------------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|--|
|                                     | JAN | Ch | FEB | Ch | MAR | Ch | APR | Ch | MAY | Ch | JUN | Ch | JUL | Ch | AUG | Ch | SEP | Ch | OCT | Ch | NOV | Ch | DEC | Ch |  |
| EXOTIC SPECIES                      |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Egyptian Goose                      |     |    | 1   |    |     |    |     |    | 2   |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Mandarin Duck                       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Orange Bishop                       |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
| Nutmeg Mannikin                     |     | 9  |     |    |     |    |     |    | 5   |    |     |    |     |    |     |    | 6   |    |     |    |     |    |     | 6  |  |
| <b>ch = San Diego Creek Channel</b> |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
|                                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
|                                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
|                                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |
|                                     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |  |