## Table 5.57-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2008 TO 2012

[Counts are made in late December at various locations between Hawaii Kai and Aiea, and between Waimanalo and Kaneohe. Annual changes reflect differences in numbers of bird counters and counting time in the field, as well as changes in bird populations. Totals by species are also affected by the types of habitats studied]

| Species                   | 2008 | 2009 | 2010 | 2011  | 2012  |
|---------------------------|------|------|------|-------|-------|
| Endemic species 1/        |      |      |      |       |       |
| 'Apapane                  | 7    | 4    | 6    | 50    | 8     |
| Hawaiian Moorhen 2/       | 17   | 22   | 32   | 59    | 67    |
| Hawaiian Stilt 2/         | 181  | 189  | 135  | 195   | 145   |
| Oahu 'Amakihi             | -    | 3    | 14   | 40    | 8     |
| Oahu 'Elepaio             | -    | 8    | -    | 7     | 4     |
| Indigenous species 3/     |      |      |      |       |       |
| Black-crowned Night Heron | -    | 49   | 45   | 44    | 54    |
| Brown Booby               | -    | 1    | -    | 7     | 3     |
| Great Frigatebird         | -    | 2    | 9    | 40    | 39    |
| Laysan Albatross          | -    | 3    | 2    | -     | -     |
| Red-footed Booby          | 347  | 333  | 568  | 875   | 522   |
| White Tern                | 5    | 5    | 5    | 20    | 7     |
| Alien species 4/          |      |      |      |       |       |
| Cattle Egret              | 165  | 167  | 169  | 161   | 185   |
| Common Myna               | 725  | 772  | 580  | 1,257 | 814   |
| Common Waxbill            | 215  | 705  | 270  | 1,340 | 1,189 |
| House Finch               | 129  | 114  | 102  | 134   | 193   |
| House Sparrow             | 99   | 122  | 91   | 156   | 199   |
| Japanese White-eye        | 71   | 207  | 279  | 230   | 192   |
| Java Sparrow              | 69   | 291  | 72   | 763   | 503   |
| Northern Cardinal         | 19   | 36   | 40   | 132   | 52    |
| Nutmeg Mannikin           | 7    | 94   | 5    | 98    | 186   |
| Red-billed Leiothrix      | 17   | 45   | -    | 113   | 112   |
| Red-crested Cardinal      | 118  | 140  | 49   | 213   | 155   |
| Red-vented Bulbul         | 35   | 491  | 390  | 561   | 492   |
| Red-whiskered Bulbul      | 32   | 45   | 141  | 46    | 45    |
| Rock Dove/Pigeon          | 125  | 711  | 203  | 377   | 464   |
| Spotted Dove              | 302  | 347  | 319  | 584   | 292   |
| White-rumped Shama        | 10   | 15   | 53   | 39    | 46    |
| Yellow-fronted Canary     | -    | 2    | 16   | 43    | 19    |
| Zebra Dove                | 340  | 569  | 542  | 2,155 | 1,962 |

Continued on next page.

## Table 5.57-- HAWAII AUDUBON SOCIETY BIRD COUNTS OF MAJOR SPECIES IN THE HONOLULU AREA: 2008 TO 2012 -- Con.

| Species   | 2008 | 2009 | 2010 | 2011 | 2012 |
|---|------|------|------|------|------|
| Visitor species 5/ Mallard Pacific Golden-Plover Ruddy Turnstone Sanderling Wandering Tattler | 55   | 106  | 65   | 11   | 24   |
|   | 553  | 594  | 432  | 530  | 518  |
|   | 180  | 411  | 317  | 414  | 322  |
|   | 12   | 5    | 3    | 77   | 13   |
|   | 20   | 34   | 16   | 13   | 26   |

- 1/ Birds peculiar to Hawaii, and found nowhere else.
- 2/ Endangered species.
- 3/ Native to Hawaii, but also found elsewhere.
- 4/ Formerly termed "introduced". Includes accidental escapes from captivity.
- 5/ Formerly termed "migratory". Includes stragglers and seasonal migrants.

Source: Hawaii Audubon Society, 'Elepaio, Volume 69, Number 5, "Results of Audubon's 109th Annual Christmas Bird Count", June/July 2009; Volume 70, Number 5, "Results of Audubon's 110th Annual Christmas Bird Count", June/July 2010; Volume 71, Number 5, "Results of Audubon's 111th Annual Christmas Bird Count", June/July 2011; Volume 72, Number 5, "National Audubon Society 112th Christmas Bird Count", September/October 2012, "National Audubon Society 113th Christmas Bird Count", November/December 2013, and Audubon, Christmas Bird Count <a href="http://netapp.audubon.org/CBCObservation/">http://netapp.audubon.org/CBCObservation/</a> accessed November 12, 2013.