



A Probable Little Egret (*Egretta garzetta*) on O'ahu

by H. Douglas Pratt¹ and Phillip L. Bruner²

The Little Egret (*Egretta garzetta*) is a small white egret that is the ecological equivalent in the Old World of the Snowy Egret (*E. thula*) of the Americas. It has been recorded only a few times in the Western Hemisphere, mostly around the Caribbean (American Ornithologists' Union 1983). Two records from maritime Canada constituted the only ones from North America until a Little Egret, the first for the United States, appeared in Massachusetts in 1989 (Duncan 1990). In the tropical Pacific, Little Egrets are known as rare but regular visitors to western Micronesia (Pratt et al. 1987), but the species has not been previously reported in the Hawaiian Islands. All previous small white egrets that have been certainly identified, other than the introduced Cattle Egret (*Bubulcus ibis*), have been Snowies (Scott et al. 1983). Other small white ardeids that could stray to Hawaii include the Intermediate (*E. intermedia*) and Chinese (*E. eulophotes*) egrets, the juvenile Little Blue Heron (*E. caerulea*), and white phase Pacific Reef-Heron (*E. sacra*). This paper presents details of an observation of a probable Little Egret on O'ahu first reported in *American Birds* (Pyle 1990).

In the late afternoon of 1 April 1990, Pratt and a tour group from the Cincinnati Nature Center observed a distinctive small white egret among the numerous Cattle Egrets in the Ki'i Unit of James Campbell National Wildlife Refuge at Kahuku, O'ahu. The egret was first observed with a Swift 15x-60x zoom spotting telescope in the northwest corner of Pond G, the large impoundment in the extreme southwest corner of the refuge adjacent to Amoriant Aquafarm. The bird had gray loreal skin and an all-black bill that appeared longer than that of a nearby Cattle Egret. The bill was knife-shaped, with culmen and gonyes parallel for most of its length, whereas

Cattle Egret bills are more triangular or wedge-shaped. As the unusual egret and the Cattle Egret moved out of tall grass, the odd bird's black legs, as well as its more upright posture and longer neck, became apparent. The two birds then flew up and dropped back into Pond G slightly further away and out of sight. The observers then drove toward the spot, but had only a brief closer look through binoculars before the birds flew again. As it flew away, the black-billed bird's feet showed pale soles. The foot color did not contrast strikingly with that of the legs, but the upper surface was not clearly seen. In flight, the dark-billed egret looked somewhat larger than the Cattle Egret. The odd egret then perched briefly among Cattle Egrets on a dead snag of an ironwood (*Casuarina equisetifolia*) just outside the western boundary of the refuge. The lower legs and feet were obscured by foliage, so only the bill and facial features could be studied through the telescope. When the bird flew, it dropped from sight behind a thicket of koa haole (*Leucaena leucocephala*) that, along with the windblown ironwoods, is apparently an egret roost site. The bird was too distant at all times to be photographed with equipment at hand, but was seen well in the telescope.

All of this bird's field marks suggest that it was a Little Egret. The all-black bill and legs eliminate the possibility that it was an Intermediate Egret or Pacific Reef-Heron, both of which have yellow bills, a juvenile Little Blue Heron which has a dark-tipped pale bill (Pratt et al. 1987) and greenish-yellow legs, or a Chinese Egret with olive-green legs and pale-based lower mandible (King and Dickinson 1975). The gray lores exclude Snowy Egret, which has bright yellow lores at all seasons (Scott et al. 1983, Pratt et al. 1987, McLaren 1989). Pratt had seen the Massachusetts bird of the

previous summer and had seen and photographed Little Egrets in Micronesia (Pratt and Bruner 1981) and Taiwan. Joseph W. Taylor, a widely respected and well-travelled mainland birder who was with the tour group, also was familiar with Little Egrets in the field and concurred with Pratt's tentative identification. After the original bird disappeared, Pratt and Taylor looked closely at several juvenile Cattle Egrets to make sure that they were not mistaking one of them for a Little Egret. A few individuals had black bills, but in most cases the lores also were black and in every case the bill appeared shorter than that of an adult and even more markedly wedge-shaped. All dark-billed Cattle Egrets were the same size as or smaller than yellow-billed birds, and, importantly, had the characteristic hunched posture of that species. That evening, Pratt notified other local birders, including Bruner, of the sighting but provided no particular details other than the tentative identification.

The following day, Bruner and his students from Brigham Young University Hawai'i Campus also saw the Little Egret. This group found the bird again in Pond G, where it rested and preened on a small island with a group of 8-10 Cattle Egrets of various ages. These birds were observed for 20 minutes with a Nikon 20x spotting telescope from a distance of approximately 60m. The egret flock eventually flew off towards the Kahuku Public Golf Course and were resighted in Pond A along the northern edge of the refuge. Bruner and his group particularly noticed the much longer neck and bill and larger size of the Little Egret. At Pond A, Bruner closely compared the Little Egret with a juvenile Cattle Egret while the two stood side by side. Bruner considered the posture and shape of the Little Egret very similar to those of a
(Continued on page 17)

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We give special thanks to HMSA, which generously let us use their telephone bank on 21 and 22 January for our fundraising phonathon. As a result of two nights of calling, HAS members pledged over \$5,000 to our education, research, and conservation programs.

We also want to thank our phoners, without whose help we would have not had this success: Phil Bruner, Glenn Chang, Carl Christensen, Dorothy Cornell, Rae Alice Hall, David Hill, Luciana Honigman, Casey Jarman, Kersten Johnson, Harvey King, Mary King, Rebecca Lacno, Doug Lamerson, Lynne Matusow, Dan Moriarty, Scott Nichols, Linda Paul, Craig Rowland, Brett Strong, Lance Tanino, and Marjorie Ziegler.

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Come Bird With Us in Arizona in May

Former Hawaii Audubon Society President and award-winning wildlife photographer Bruce D. Eilerts will lead a spring birding tour from 2 May to 9 May, 1992. This tour is timed to see the southeastern Arizona specialty birds, resident desert birds, and Mexican species. We will visit both the low and high desert for incomparable birding. Tucson is our starting point for an introduction to desert birds, including Roadrunner, Costa's Hummingbird, Cactus Wren, and Gambel's Quail. We will then spend the next three days stopping in Madera Canyon, Patagonia, Huachuca Mountains, and Ramsey Canyon Preserve. The terrain will change from dry scrub and mesquite of the low desert to lush, high desert canyons lined with sycamore.

The highlight of our trip is a stay at Cave Creek Canyon at the base of the Chiricahua Mountains. With its 337 bird species, the mountains are considered one of the hottest birding spots in the nation. Here we will look for Elegant Trogon, Olive and Red-Faced Warbler, Sulphur Bellied Flycatcher, and Montezuma Quail, as well as Mexican species.

Other species we expect to see are Gilded Flicker, Gila and Ladder-backed Woodpecker, Vermilion Flycatcher, Great-tailed Grackle, Inca and White-winged Dove, Harris' Hawk, Gnatcatcher, Rufous, Black-chinned and Broad-billed Hummingbird, Cassin's and Botteri's sparrow, and Abert's Towhee.


The cost of this trip, which is limited to 13 participants, is \$1,290 per person, double occupancy, round-trip from Tucson.

For a complete itinerary write to Trips, Hawaii Audubon Society, 212 Merchant Street, Suite 320, Honolulu, HI 96813. The cost includes a \$100 donation to the Hawaii Audubon Society. 

Little Egret (Continued from page 15)

nonbreeding Snowy Egret, with which he is very familiar. The students, all novice birders, easily and consistently distinguished the Little Egret from the Cattle Egrets. Bruner and his class observed the Little Egret at the second spot for about 15 minutes. Their observations of various details were made independently, before consultation with Pratt.

The same day Peter V. Donaldson (pers. comm.) searched unsuccessfully for the Little Egret and suggested that the bird that we had observed was an unusual Cattle Egret juvenile. However, the bird's size, bill shape, and especially its distinctive posture all argue against that hypothesis. As noted above, a number of black-billed juvenile Cattle Egrets were present but their identity was always obvious from the stubby look of the bill. Cattle Egret bill color is yellow at hatching but is black at fledging (K. Garrett, pers. comm.) and gradually lightens again to yellow (Cramp 1977). Most field guides overlook the black-billed stage; it is illustrated only by Slater et al. (1986).

All identifications of basic-plumaged vagrant white egrets are problematical because seasonal, geographical, and individual variation in soft part colors is not well documented for several species, particularly *E. garzetta* and *E. eulophotes*, and much of the literature is conflicting (McLaren 1989; pers. obs.). Most long-distance avian wanderers belong to migratory populations, but the only migratory population of Little Egret that usually has dark feet is the Australian *E. g. immaculata*, which also has yellow lores (Slater et al. 1986). Furthermore no pattern of vagrancy from the Australian region to Hawai'i exists in herons or any other land or freshwater birds. Whether some individuals of migratory East Asian populations of Little Egret, which seem more likely to stray to Hawai'i, have dark toes is not known (Hancock and Kushlan 1984). Thus, while the bird we observed on Oahu had field marks that preclude its being any other species, it had a combination of characters unlike that of any particular known population of Little Egret. We therefore cannot identify our bird as *Egretta garzetta* with total certainty. If our identification is correct, our sighting constitutes the first record of this species for the Hawaiian Islands and the second for the United States. 

Acknowledgements

We wish to thank Peter Donaldson and Kimball Garrett for sharing their observations of maturational stages of Cattle Egrets. Garrett and Roger B. Clapp made very helpful suggestions for improving the manuscript.

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The Hawaii Audubon Society makes grants annually for research in Hawaiian or Pacific natural history. Awards generally do not exceed \$500 and are oriented toward small-scale projects within this state. HAS also awards a \$1,000 tuition scholarship to an undergraduate in an accredited university majoring in a field related to Hawaiian or Pacific Basin natural history.

The deadlines for receipt of grant applications are 1 April and 1 October; for scholarships, 1 May. For application forms send a self-addressed stamped envelope to Grants and Scholarships, Hawaii Audubon Society, 212 Merchant Street, Suite 320, Honolulu, HI 96813. For more information, call Phil Bruner, (808) 293-3820 (W)

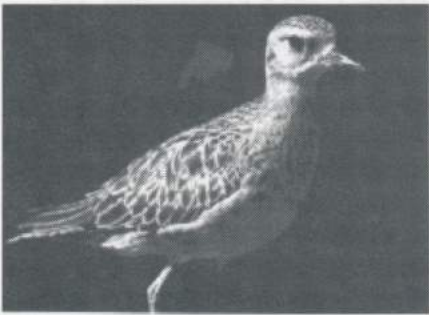


Photo of Golden Plover by Greg Vaughn.

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A bequest to the Hawaii Audubon Society is an excellent way to help in our conservation efforts. George C. Munro, enthusiastic and tireless field ornithologist and naturalist, provided for a fund to be used exclusively for the protection of native dry forests. Today, the George C. Munro Fund provides money for research projects on such forests.

Although an attorney should be consulted in the drafting of your will, a model clause for bequests is set forth below.

"I hereby give, devise, and bequeath to the Hawaii Audubon Society, Honolulu, Hawai'i, the sum of _____ dollars (or set forth a description of property), to be used for the general purpose of said organization."

For more information and assistance, contact the Hawaii Audubon Society, 212 Merchant Street, Suite 320, Honolulu, HI 96813, (808) 528-1432.

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Endangered Waterbirds of the Hawaiian Islands by R.J. Shallenberger, 1978. Hawaiian Stilt, Coot, Gallinule (Moorhen), and Duck, each described in two pages of photographs and text. \$1.00.

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Our Homes are Hawaii's Wetlands, 1984. Native wildlife of a Hawaiian marshland.

Hawaiian Forests Are More Than Trees, 1988. Hawaiian forest plants, invertebrates, birds, and the Hawaiian hoary bat. Booklet included.

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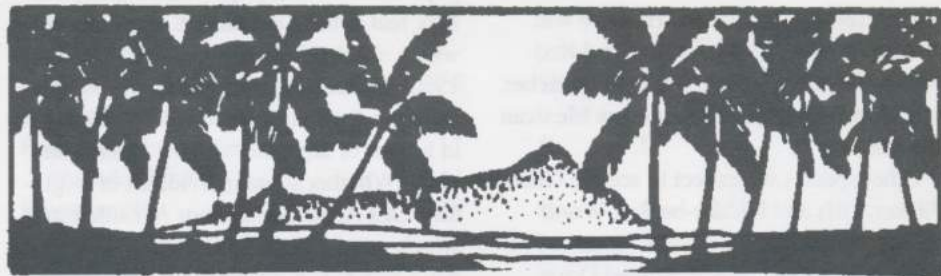
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In celebration of Earth Day 1990, the Hawaii Audubon Society published the *Hawai'i Green Pages*. The directory lists over 150 environmental efforts in Hawai'i. For a free copy, send a self-addressed stamped #10 envelope to Directory, Hawaii Audubon Society, 212 Merchant Street, Suite 320, Honolulu, HI 96813.

Hawaiian Wildlife Information

Do you need information regarding recent rare or unusual wildlife observations within the main Hawaiian Islands? Call Bruce Eilerts at 487-1806. He will advise you on rare bird sightings and offer tips on where to best observe native flora and fauna. Please leave your questions and messages on his answering machine.

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Hawaii Audubon Society desperately needs help in the following areas:

Phone Tree Coordinator. You will be responsible for maintaining the list of persons participating in the telephone tree and giving information to phone tree participants when calls need to be made. We need a self starter who is a good communicator and who can devote four to eight hours a month for a minimum of a year. This work can be done from home. Some knowledge of environmental issues and legislators is a plus. To volunteer call David Hill, 943-2784 (H).

Phone Tree Callers. We are growing a phone tree—a chain of people who can make calls to decision-makers on environmental issues. This allows the environmental community to respond very quickly with public pressure on important issues. To join our phone tree, call David Hill at 943-2784.

Testimony Presenters. Here we need self-starters who can tactfully and effectively present testimony at the legislature, county councils, and hearings of governmental boards and agencies, usually on weekdays during daytime hours. If you can't write the testimony, we will have someone else do it. A knowledge of Hawai'i, including issues, politicians, and who the players are is a big plus. A minimum of four hours a month is required. To volunteer call David Hill, 943-2784 (H).

Recordkeeper. This position, which requires you to spend one morning or afternoon a week at the office, entails

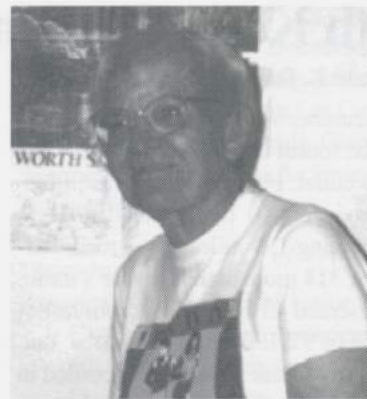
integrating our membership records with our fundraising records and locating telephone numbers for all new members. The work is done manually. To volunteer call Lynne Matusow, 531-4260 (H).

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Office Staff. We would like to have our office open five days a week. People are needed for morning or afternoon shifts Monday, Tuesday, Thursday, and Friday. Among the duties are answering the telephone, distributing the mail, referring problems to the appropriate officer or committee chair, filing, and responding to routine correspondence. To volunteer call Lynne Matusow, 531-4260 (H).

Writers and Editors for 'Elepaio. If you can write stories, edit copy, and come up with story ideas call Lynne Matusow, 531-4260 (H).

The above is only a partial list. More volunteer positions will appear in the next issue. In the meantime, if you have a particular skill or interest, call Lynne Matusow, 531-4260 (H). Who knows, maybe we have the right opening but haven't publicized it yet.



Volunteer Corner

by Rae Alice Hall

Dorothy Cornell first became interested in ecology back in the 1940s when most people didn't even know the meaning of the word.

Ecology classes, she says, were taught by "a couple of nuts" on campus who were saying something that nobody really cared about. But it made a lot of sense to Dorothy.

As a volunteer for the Hawaii Audubon Society, Dorothy feels that ecology is even more important in the world of the '90s.

Dorothy has spent the last year updating the Audubon Society mailing list of more than 2,500 members and contributors. The list includes names, addresses, and phone numbers and will be used for mailing newsletters and other materials and for the annual fundraising phonathon.

When Dorothy isn't working on the mailing list, she is at the Audubon office answering phones and doing other volunteer tasks.

Audubon isn't Dorothy's only concern. She also works in the literacy program at Oahu Community Correctional Center (OCCC). "Most of the prisoners at OCCC are pre-trial or pre-release inmates, so we only have them for a short time. My job", she says, "is to get them started in a literacy program and hope that they will continue with it when they move on." She says it takes from one to three years to teach an inmate to read. Some of them have learning disabilities and this makes it more difficult.

Dorothy is a real kamaaina. She has lived in Hawai'i since 1967.

About ecology, she says, "With such a heavily populated planet, it is important that we control what we do to the environment. Each extinct bird species is an indication that things are not going so well with the world."

Photo by Rae Alice Hall

Birding on O'ahu

A two-page guide listing areas on O'ahu where interesting birds may be found and where access is not a problem is now available. Written by Peter Donaldson, it offers important information for birders unfamiliar with Hawai'i. The guide is not designed to give detailed directions or information on bird identification. For a free copy, send a self-addressed stamped envelope to O'ahu Birding Guide, Hawaii Audubon Society, 212 Merchant Street, Suite 320, Honolulu, HI 96813.

Help Us Revise Hawaii's Birds

The Publications Committee is revising *Hawaii's Birds*. This will be a minor revision and will involve correcting typographical and factual errors that appeared in the fourth edition. If you have any comments, please address them to the committee at the HAS office. We would also like to hear from anyone with better photographs than those used in the present edition, especially of native forest birds.

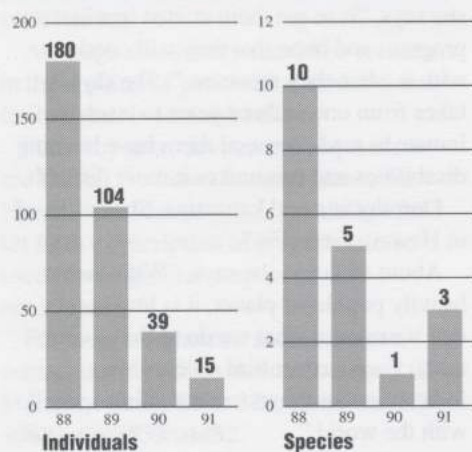
North Kona Christmas Count 1991

by Reginald E. David

On 22 December with beautiful weather, we held the fourth annual North Kona Christmas count. Four counters travelling as one party spent 10 hours, plus 1 hour owling covering 139 miles. They recorded 2542 birds, 314 more than last year's total. This represented 43 species, up from last year's total of 37. It tied the 1989 total, but was still 8 shy of the 51 species recorded in 1988. Participation was down from last year due in part to an unavoidable last minute date change. A lone first winter plumaged Ring-billed Gull (*Larus delawarensis*) was recorded this year. This is a species not previously encountered on this CBC, bringing the count circle list up to 59 species. The 7 Hawaiian Hawk (*Buteo solitarius*) recorded represents an extremely high count. Unfortunately the probable reason for the high count was that a developer was in the process of clearing native forest in the area and the hawks were very agitated and not confining themselves to their normal territories.

The decline in duck species and numbers recorded on this CBC continues. A quick look at the following figure clearly indicates an extremely unpleasant trend. One can only hope that this trend merely reflects an anomalous short term decline. As the chart suggests, species diversity is not really a major factor in the low counts, though it is a concern. Traditionally our duck records are made up predominantly of representatives of two species, Northern Shoveler (*Anas clypeata*) and Northern Pintail (*Anas acuta*). To qualify that statement, in 1988 we recorded 128 Northern Shoveler and 27 Northern Pintail on this CBC.

Duck Numbers North Kona CBC 1988-1991



Sectors Covered

- 1. Kona Heights subdivision:** Reggie David, Susan Wakefield-David, Brien Meilleur, Janet Wessel.
- 2. Coastal area and shoreline ponds, Kailua dump:** Reggie David, Susan Wakefield-David, Brien Meilleur, Janet Wessel.

- 3. Pu'u Anahulu Flats:** Reggie David, Susan Wakefield-David, Brien Meilleur, Janet Wessel.
- 4. Urban areas:** Reggie David, Susan Wakefield-David, Brien Meilleur, Janet Wessel.
- 5. Mount Hualalai:** Reggie David, Susan Wakefield-David, Brien Meilleur, Janet Wessel.
- 6. Grasslands along Highway 190:** Reggie David, Susan Wakefield-David, Brien Meilleur, Janet Wessel.

Species	Sector 1	Sector 2	Sector 3	Sector 4	Sector 5	Sector 6	Totals
Pied-billed Grebe <i>Podilymbus podiceps</i>	0	12	0	0	0	0	12
Black-crowned Night-Heron <i>Nycticorax nycticorax hoactli</i>	0	2	0	0	0	0	2
Cattle Egret <i>Bulbulcus ibis</i>	0	5	0	0	0	0	5
Nene <i>Nesochen sandvicensis</i>	0	0	6	0	0	0	6
Green-winged Teal <i>Anas crecca</i>	0	3	0	0	0	0	3
Northern Shoveler <i>Anas clypeata</i>	0	2	0	0	0	0	2
Lesser Scaup <i>Aythya affinis</i>	0	10	0	0	0	0	10
Hawaiian Hawk ('Io) <i>Buteo solitarius</i>	0	0	0	2	5	0	7
Black Francolin <i>Francolinus francolinus</i>	0	3	0	0	0	0	3
Gray Francolin <i>Francolinus pondicerianus</i>	0	0	0	0	0	4	4
Erckel's Francolin <i>Francolinus erckelii</i>	0	0	15	0	0	2	17
Common Peafowl <i>Pavo cristatus</i>	0	0	0	0	0	11	11
Turkey <i>Meleagris gallopavo</i>	0	0	1	0	0	0	1
Hawaiian Coot <i>Fulica americana alai</i>	0	74	0	0	0	0	74
Pacific Golden Plover <i>Pluvialis fulva</i>	0	11	0	0	0	1	12
Hawaiian Stilt <i>Himantopus mexicanus knudseni</i>	0	18	0	0	0	0	18
Wandering Tattler <i>Heteroscelus incanus</i>	0	8	0	0	0	0	8
Ruddy Turnstone <i>Arenaria interpres</i>	0	21	0	0	0	0	21
Dunlin <i>Calidris alpina</i>	0	1	0	0	0	0	1
Long-billed Dowitcher <i>Limnodromus scolopaceus</i>	0	2	0	0	0	0	2
Ring-billed Gull <i>Larus delawarensis</i>	0	1	0	0	0	0	1
Rock Dove <i>Columba livia</i>	0	50	0	0	0	0	50

January Field Trip to James Campbell NWR


by Dorothy Gonsalves

Cloudy skies and occasional showers didn't dampen the enthusiasm of the 32 birders who accompanied Bob Pyle on a trip to the James Campbell National Wildlife Refuge on 18 January. After rendezvousing at the Kuhuku Sugar Mill, the group drove the short distance to the Refuge parking area, and the excitement began immediately when we accidentally flushed a Pueo from nearby brush. Everyone had a good sighting as the Pueo was chased overhead by a pair of Cattle Egrets. Another Pueo was seen later.

As we strolled the dikes, we observed 8 Fulvous Whistling-Ducks, 4 Northern Pintails, 2 Snow Geese, and a lone Canada Goose. Cattle Egrets were sighted in large numbers, over 50, many of them roosting in a patch of trees at the edge of the Refuge. There were over 50 Black-crowned Night-Herons, 20 Black-necked Stilts, and 10 Pacific Golden Plovers. Two female Great Frigatebirds and one male soared high overhead.

After taking shelter from a quick shower, we sighted 10 Northern Shovelers, 8 Common Moorhen (Hawaiian Gallinule), at least 40 Hawaiian Coots, 2 Common Mynas, and a flock of over 100 Nutmeg Mannikins. We saw 35 ducks of the Mallard/Koloa type, among them at least 4 Mallards and 8 Koloa. The rest were not determined, but no doubt include many of mixed ancestry. One Gull was observed several times and thought to be a Ring-Billed.

Mike Ord, who was co-leader, called our attention to 1 male Green-winged Teal, 5 Ruddy Turnstones, 3 Sanderlings, 4 Red Avadavat, 1 Common Waxbill, 1 Wandering Tattler, and 1 Dowitcher (species undecided). Someone also heard a Cardinal.

It was heartening to have in the group several very knowledgeable pre-teen birders. Audubon members from West Virginia and Washington added many new birds to their life lists. 

PO Box #1371
Kailua-Kona, Hawai'i 96745

Species	Sector 1	Sector 2	Sector 3	Sector 4	Sector 5	Sector 6	Totals
Spotted Dove <i>Streptopelia chinensis</i>	0	6	4	2	0	0	12
Zebra Dove <i>Geopelia striata</i>	0	11	1	5	4	2	23
Barn Owl <i>Tyto alba</i>	1	0	0	0	0	0	1
Skylark <i>Alauda arvensis</i>	0	0	8	0	0	1	9
Red-billed Leiothrix <i>Leiothrix lutea</i>	0	0	0	0	2	0	2
Common Myna <i>Acridotheres tristis</i>	0	124	82	17	0	38	261
Northern Cardinal <i>Cardinalis cardinalis</i>	0	8	0	0	5	0	13
Yellow-billed Cardinal <i>Paroaria capitata</i>	0	17	0	0	0	0	17
Saffron Finch <i>Sicalis flaveola</i>	0	0	122	0	6	4	132
House Finch <i>Carpodacus mexicanus</i>	0	82	31	8	2	1	124
Yellow-fronted Canary <i>Serinus mozambicus</i>	0	4	194	0	101	15	314
Common Amakihi <i>Hemignathus virens virens</i>	0	0	20	0	188	1	209
'I'iwi <i>Vestiaria coccinea</i>	0	0	0	0	9	0	9
'Apapane <i>Himatione sanquinea</i>	0	0	0	0	137	0	137
Japanese White-eye <i>Zosterops japonicus</i>	0	37	0	2	116	0	155
House Sparrow <i>Passer domesticus</i>	0	82	51	0	0	1	134
Lavender Waxbill <i>Estrilda caerulea</i>	0	0	3	0	0	0	3
Red Avadavat <i>Amandava amandava</i>	0	0	157	0	0	0	157
Warbling Silverbill <i>Lonchura malabarica</i>	0	7	58	0	0	0	65
Nutmeg Mannikin <i>Lonchura punctulata</i>	0	50	115	5	172	94	436
Java Sparrow <i>Padda oryzivora</i>	90	0	0	5	0	6	101
Individuals	91	651	868	46	747	181	2584
Species	2	26	14	9	12	13	43
Party Hours	0.5	2	2.5	0.5	2.5	2	10

Habitat coverage (% of party hours):

Coastal areas and shoreline ponds 20%, residential 10%, mountain forest 25%, grasslands and pasture 45%.

Calendar of Events

March 4, Wednesday

Monthly meeting of the Conservation Committee, 6 p.m., HAS office. To join or for more information call David Hill, 943-2784 (H).

March 9, Monday

Board meeting, 7:00 p.m., HAS office. Call Reggie David on Hawai'i, 329-9141 (W), for details.

March 15, Sunday

Donna and John de Haan will lead a hike of Manoa Cliff Trail on Tantalus. This trail has good samples of native flora and offers a possible sighting of 'Apapane. Bring water, snacks, raingear. Meet at the State Library on Punchbowl Street at 7:45 a.m. or the entrance to Pu'u Ualaka'a State Park on Round Top Drive (just past the Manoa lookout) at 8:30 a.m. For more information call Donna de Haan, 956-7930 (W) or 941-9817 (H). Suggested donation: \$2.00.

April 5, Sunday

Family hike in Tantalus Crater from 9 a.m. to 1 p.m. Kids, bring your parents. There are many native plants in this lush forest above town. Bring water, lunch, and sturdy shoes. No slippers, please. Everyone is to meet at the State Library on Punchbowl Street at 8:30 a.m. For more information call David Hill, 943-2784, evenings. Suggested donation: \$2.00.

April 6, Monday

Conservation Committee meeting, 6 p.m. For details see March 4.

April 20, Monday

General Meeting, 7:30 p.m., Atherton Halau, B.P. Bishop Museum. Refreshments will be served.

May 16, Saturday

Hakalau Wildlife Refuge, Big Island. For information call Casey Jarman, 956-7489 (W). Suggested donation: \$2.00.

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We Need a Computer

Help! The venerable Macintosh 512 that HAS has been using for the past seven years has died. We desperately need help finding a replacement. We are looking for a Macintosh SE/30 or better. If you have an old SE that you might be willing to donate or sell at a reasonable price please contact any of the officers of the board.

HAWAII AUDUBON SOCIETY • 212 MERCHANT STREET, ROOM 320 • HONOLULU, HAWAII 96813

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