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Hawaiian Islands Bird Checklist – 2017 by Eric A. VanderWerf et al.

The Hawaiian Islands Bird Checklist – 2017 (below) lists the species of birds that have occurred naturally in the Hawaiian Islands, and alien species brought by man, which are established as self-sustained populations in the wild. A status symbol marks each species as being a native resident, an alien resident, a seabird that visits Hawai‘i only for breeding or a species that visits Hawai‘i when not breeding.

The 2017 Checklist continues a series that began with a Preliminary List in the April 1977 ‘Elepaio. Updated versions were published in the ‘Elepaio 1979, 1983, 1988, 1992, 1997, and 2002. Each updated version includes documented changes since the preceding versions. The set of changes thus provides a complete record since 1977 of all new species added, species deleted, name and taxonomic changes, and other notes. More details about the birds in Hawai‘i may be found in Hawai‘i’s Birds, published by Hawai‘i Audubon Society.

Hawaiian Islands Bird Checklist – 2017

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We present a revised official bird checklist of the Hawaiian Islands. The “Hawaiian Islands” are herein considered to include all islands that are part of the State of Hawaii plus Midway Atoll, which is not part of the State of Hawaii but an unincorporated territory of the United States, and all waters within 370.4 km (200 nautical miles) of the coast of the Hawaiian Islands. The checklist includes all bird species known to have occurred naturally in the Hawaiian Islands and species introduced by humans that have established viable breeding populations in the wild for at least 15 years. It includes endemic species that have become extinct in historical times and introduced species that once had established breeding populations but are now extirpated, but it does not include species that are known only from fossils or subfossils.

This list continues a tradition of publishing Hawaiian Islands bird checklists in ‘Elepaio, the first of which was written by Pyle (1977). The checklist was updated in 1979, 1983, 1988, 1992, 1997, and 2002 (Pyle 2002). Since the 2002 update, *The Birds of the Hawaiian Islands: Occurrence, History, Distribution, and Status* (Pyle and Pyle 2009), which is maintained at the B. P. Bishop Museum website, has served as the checklist. In 2014, the Hawaii Bird Records Committee (HBRC) was formed to provide a formal venue and standard protocol for reviewing bird reports in the Hawaiian Islands, and to periodically update the checklist. The occurrence, status, and distribution of birds in Hawaii will be of increased interest to birders keeping an ABA area list due to the recent addition of the Hawaiian Islands to the American Birding Association (ABA) area. HBRC member PP is working with the ABA to help incorporate Hawaiian bird species into their checklist based on the decisions of the HBRC.

The HBRC consists of seven members (listed above as co-authors) and currently is chaired by EAV. The HBRC began the process of updating the checklist by establishing a set of by-laws, which included a definition of the area of its jurisdiction, criteria for including species in the checklist, standards for judging establishment of introduced species, and protocols for conducting reviews. The HBRC vetted all species included in Pyle and Pyle (2009) and completed more thorough reviews of any species requested by committee members, then reviewed reports of 20 species that had been reported from 2010 through 2016. All decisions of the HBRC through 2016 are reflected in the checklist presented here, and were also incorporated into version 2 of *The Birds of the Hawaiian Islands* monograph (Pyle and Pyle 2017). The HBRC is an official committee of Western Field Ornithologists (WFO), and reports of HBRC activities will be published periodically in their journal, *Western Birds* (e.g., VanderWerf et al. in review). The HBRC also will continue to provide updated checklists for publication in ‘Elepaio.

Some species reported in the Hawaiian Islands are regarded as hypothetical in occurrence because their identification was not certain, their natural occurrence was questionable, or, in the case of introduced species, the establishment of a viable breeding population was questionable. For a list of hypothetical species see Pyle and Pyle (2017). Taxonomy and order of taxa in this checklist follows that of the American Ornithological Society (AOS; formerly the American Ornithologists' Union [AOU]) Check-list (AOU 1998) and supplements through 2017 (Chesser et al. 2017). The AOS made substantial changes to taxonomy of endemic Hawaiian forest birds in the 2015 supplement (Chesser et al. 2015), and substantial phylogenetic

order changes across numerous families in the 2016 and 2017 supplements (Chesser et al. 2016, 2017). Many of these changes may be unfamiliar to readers accustomed to previous checklists and field guides.

Updates

This 2017 checklist includes 338 species, an increase of 21 species over the 317 species listed in Pyle and Pyle (2009), which are now included in Pyle and Pyle (2017). Changes since 2009 included the addition of 17 naturally occurring species that had not been observed in the Hawaiian Islands previously, the addition of nine new endemic species that resulted from taxonomic splits between 2010 and 2016, and the removal of five species that are now considered hypothetical by Pyle and Pyle (2017). The species that had not been observed in Hawaii previously included (for scientific names see the table below): Surfbird, Terek Sandpiper, Common Sandpiper, Spotted Redshank, Lesser Black-backed Gull, Bridled Tern, White-winged Tern, Whiskered Tern, Elegant Tern, Rhinoceros Auklet, Bryan's Shearwater, American Bittern, Gray Heron, Intermediate Egret, Snowy Owl, Common Raven, and Brambling. The "new" endemic species that resulted from taxonomic splits were: Kauai Elepaio, Oahu Elepaio, Laysan Honeyeater, Oahu Nukupuu, Maui Nukupuu, Oahu Akiāloa, Mauiinui Akiāloa, Oahu Akepa, and Maui Akepa. The five species removed from the list provided by Pyle and Pyle (2009) were: Barrow's Goldeneye, Pycroft's Petrel, Buffy (Gray-sided) Laughingthrush, Red-cheeked Cordonbleu, and Black-rumped Waxbill. The rationale for each of these decisions is provided by VanderWerf et al. (in press).

The status and minimum form of documentation for each species are indicated by the codes listed below. Species that have occurred in the Hawaiian Islands only on Midway Atoll are indicated in a separate column in order to provide a bird list for the State of Hawaii.

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Status codes:

- **Be** – Breeding Visitor endemic to Hawaii (occurs seasonally and breeds only in Hawaii)
- **Bi** – Breeding Visitor indigenous to Hawaii (occurs seasonally and breeds in Hawaii and elsewhere)
- **Re** – Resident endemic to Hawaii (resident in the Hawaiian Islands and does not occur elsewhere)
- **Ri** – Resident indigenous to Hawaii (resident in Hawaii and also occurs elsewhere)
- **Rxw** – Resident endemic to Hawaii, extinct in the wild (exists only in captivity)
- **Ir** – Introduced, naturalized, non-native resident (currently established and breeding)
- **Ix** – Introduced, extirpated non-native (formerly established and bred)
- **Vc** – Common non-breeding visitor (migrates through or winters every year in large numbers)
- **Vu** – Uncommon non-breeding visitor (migrates through or winters every year in small numbers or locally)
- **Vo** – Occasional non-breeding visitor (visits or winters but not every year)
- **Va** – Accidental visitor (vagrant with ≤ 5 records)
- **Xe** – Extinct (formerly endemic to the Hawaiian Islands)
- **E** – Endangered species (listed as endangered under the U.S. Endangered Species Act)
- **T** – Threatened species (listed as threatened under the U.S. Endangered Species Act).

Documentation codes:

- **P** – Photograph, digital image, and/or digital video clip
- **S** – Specimen
- **V** – Visual (sight record) only

COMMON NAME	SCIENTIFIC NAME	STATUS	Documen- tation	Midway only
ANATIDAE - Waterfowl				
Emperor Goose	<i>Anser canagicus</i>	Va	P	
Snow Goose	<i>Anser caerulescens</i>	Vu	S	
Greater White-fronted Goose	<i>Anser albifrons</i>	Vo	S	
Brant	<i>Branta bernicla</i>	Vu	S	
Cackling Goose	<i>Branta hutchinsii</i>	Vu	S	
Canada Goose	<i>Branta canadensis</i>	Vu	S	
Hawaiian Goose	<i>Branta sandvicensis</i>	Re, E	S	
Tundra Swan	<i>Cygnus columbianus</i>	Vo	S	
Baikal Teal	<i>Sibirionetta formosa</i>	Va	P	
Garganey	<i>Spatula querquedula</i>	Vo	S	
Blue-winged Teal	<i>Spatula discors</i>	Vu, Bi	P	
Cinnamon Teal	<i>Spatula cyanoptera</i>	Vo	P	
Northern Shoveler	<i>Spatula clypeata</i>	Vc	S	
Gadwall	<i>Mareca strepera</i>	Vo	S	
Falcated Duck	<i>Mareca falcata</i>	Va	S	X
Eurasian Wigeon	<i>Mareca penelope</i>	Vu	S	
American Wigeon	<i>Mareca americana</i>	Vu	S	
Laysan Duck	<i>Anas laysanensis</i>	Re, E	S	
Hawaiian Duck	<i>Anas wyvilliana</i>	Re, E	S	
Mallard	<i>Anas platyrhynchos</i>	Vu	S	
Northern Pintail	<i>Anas acuta</i>	Vc	S	
Green-winged Teal	<i>Anas crecca</i>	Vu	S	
Canvasback	<i>Aythya valisineria</i>	Vo	S	
Redhead	<i>Aythya americana</i>	Vo	P	
Common Pochard	<i>Aythya ferina</i>	Va	P	X
Ring-necked Duck	<i>Aythya collaris</i>	Vu	S	
Tufted Duck	<i>Aythya fuligula</i>	Vo	S	
Greater Scaup	<i>Aythya marila</i>	Vu	S	
Lesser Scaup	<i>Aythya affinis</i>	Vc	S	
Harlequin Duck	<i>Histrionicus histrionicus</i>	Va	S	
Surf Scoter	<i>Melanitta perspicillata</i>	Va	S	
Black Scoter	<i>Melanitta americana</i>	Va	S	X
Long-tailed Duck	<i>Clangula hyemalis</i>	Va	S	
Bufflehead	<i>Bucephala albeola</i>	Vu	S	
Common Goldeneye	<i>Bucephala clangula</i>	Va	P	
Hooded Merganser	<i>Lophodytes cucullatus</i>	Vo	P	
Common Merganser	<i>Mergus merganser</i>	Va	P	
Red-breasted Merganser	<i>Mergus serrator</i>	Vo	S	
Ruddy Duck	<i>Oxyura jamaicensis</i>	Va	V	
ODONTOPHORIDAE – New World Quail				
California Quail	<i>Callipepla californica</i>	Ir	S	
Gambel's Quail	<i>Callipepla gambelii</i>	Ir	S	
PHASIANIDAE – Partridges, Grouse, Turkeys, and Old World Quail				
Chukar	<i>Alectoris chukar</i>	Ir	S	
Gray Francolin	<i>Francolinus pondicerianus</i>	Ir	S	
Black Francolin	<i>Francolinus francolinus</i>	Ir	S	
Erckel's Francolin	<i>Francolinus erckelii</i>	Ir	S	
Japanese Quail	<i>Coturnix japonica</i>	Ir	S	

Red Junglefowl	<i>Gallus gallus</i>	Ir	S	
Kalij Pheasant	<i>Lophura leucomelanos</i>	Ir	S	
Ring-necked Pheasant	<i>Phasianus colchicus</i>	Ir	S	
Indian Peafowl	<i>Pavo cristatus</i>	Ir	S	
Wild Turkey	<i>Meleagris gallopavo</i>	Ir	S	
PODICIPEDIDAE – Grebes				
Pied-billed Grebe	<i>Podilymbus podiceps</i>	Vo, Bi	S (egg)	
Horned Grebe	<i>Podiceps auritus</i>	Va	P	
Red-necked Grebe	<i>Podiceps grisegena</i>	Va	P	
Eared Grebe	<i>Podiceps nigricollis</i>	Va	P	
PTEROCLIDIDAE – Sandgrouse				
Chestnut-bellied Sandgrouse	<i>Pterocles exustus</i>	Ir	S	
COLUMBIDAE – Pigeons and Doves				
Rock Pigeon	<i>Columba livia</i>	Ir	S	
Spotted Dove	<i>Streptopelia chinensis</i>	Ir	S	
Zebra Dove	<i>Geopelia striata</i>	Ir	S	
Mourning Dove	<i>Zenaida macroura</i>	Ir	S	
CUCULIDAE – Cuckoos, roadrunners, and anis				
Common Cuckoo	<i>Cuculus canorus</i>	Va	P	X
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	Va	P	
CAPRIMULGIDAE – Nightjars				
Common Nighthawk	<i>Chordeiles minor</i>	Va	P	
APODIDAE – Swifts				
Mariana Swiftlet	<i>Aerodramus bartschi</i>	Ir, E	S	
Fork-tailed Swift	<i>Apus pacificus</i>	Va	S	X
RALLIDAE – Rails, Gallinules, and Coots				
Sora	<i>Porzana carolina</i>	Va	P	
Laysan Rail	<i>Zaporinia palmeri</i>	Xe	S	
Hawaiian Rail	<i>Zaporinia sandwichensis</i>	Xe	S	
Hawaiian Common Gallinule	<i>Gallinula galeata sandvicensis</i>	Ri, E	S	
Hawaiian Coot	<i>Fulica alai</i>	Re, E	S	
GRUIDAE – Cranes				
Sandhill Crane	<i>Antigone canadensis</i>	Va	S	
RECURVIROSTRIDAE – Stilts and Avocets				
Black-winged Stilt	<i>Himantopus himantopus</i>	Va	P	
Hawaiian Black-necked Stilt	<i>Himantopus mexicanus knudseni</i>	Ri, E	S	
American Avocet	<i>Recurvirostra americana</i>	Va	P	
CHARADRIIDAE – Plovers				
Black-bellied Plover	<i>Pluvialis squatarola</i>	Vu	S	
Pacific Golden-Plover	<i>Pluvialis fulva</i>	Vc	S	
Lesser Sand-Plover	<i>Charadrius mongolus</i>	Va	S	
Common Ringed Plover	<i>Charadrius hiaticula</i>	Va	P	
Semipalmated Plover	<i>Charadrius semipalmatus</i>	Vu	S	
Killdeer	<i>Charadrius vociferus</i>	Vo	S	
Eurasian Dotterel	<i>Charadrius morinellus</i>	Va	S	
SCOLOPACIDAE – Sandpipers				
Bristle-thighed Curlew	<i>Numenius tahitiensis</i>	Vu	S	
Whimbrel	<i>Numenius phaeopus</i>	Vo	S	
Far Eastern Curlew	<i>Numenius madagascariensis</i>	Va	P	
Bar-tailed Godwit	<i>Limosa lapponica</i>	Vo	S	
Black-tailed Godwit	<i>Limosa limosa</i>	Va	P	

Hudsonian Godwit	<i>Limosa haemastica</i>	Va	P	
Marbled Godwit	<i>Limosa fedoa</i>	Va	S	
Ruddy Turnstone	<i>Arenaria interpres</i>	Vc	S	
Red Knot	<i>Calidris canutus</i>	Vo, T	S	
Surfbird	<i>Calidris virgata</i>	Va	P	
Ruff	<i>Calidris pugnax</i>	Vo	S	
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	Vu	S	
Stilt Sandpiper	<i>Calidris himantopus</i>	Va	P	
Curlew Sandpiper	<i>Calidris ferruginea</i>	Vo	P	
Long-toed Stint	<i>Calidris subminuta</i>	Va	S	X
Red-necked Stint	<i>Calidris ruficollis</i>	Vo	P	
Sanderling	<i>Calidris alba</i>	Vc	S	
Dunlin	<i>Calidris alpina</i>	Vo	S	
Baird's Sandpiper	<i>Calidris bairdii</i>	Vo	P	
Little Stint	<i>Calidris minuta</i>	Va	P	
Least Sandpiper	<i>Calidris minutilla</i>	Vu	S	
White-rumped Sandpiper	<i>Calidris fuscicollis</i>	Va	P	
Buff-breasted Sandpiper	<i>Calidris subruficollis</i>	Vo	P	
Pectoral Sandpiper	<i>Calidris melanotos</i>	Vu	S	
Semipalmated Sandpiper	<i>Calidris pusilla</i>	Vo	P	
Western Sandpiper	<i>Calidris mauri</i>	Vu	S	
Short-billed Dowitcher	<i>Limnodromus griseus</i>	Vo	S	
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	Vu	S	
Pin-tailed Snipe	<i>Gallinago stenura</i>	Va	S	
Common Snipe	<i>Gallinago gallinago</i>	Va	S	
Wilson's Snipe	<i>Gallinago delicata</i>	Vu	S	
Terek Sandpiper	<i>Xenus cinereus</i>	Va	P	
Common Sandpiper	<i>Actitis hypoleucos</i>	Va	P	
Spotted Sandpiper	<i>Actitis macularius</i>	Vo	P	
Solitary Sandpiper	<i>Tringa solitaria</i>	Va	P	
Gray-tailed Tattler	<i>Tringa brevipes</i>	Vo	S	
Wandering Tattler	<i>Tringa incana</i>	Vc	S	
Lesser Yellowlegs	<i>Tringa flavipes</i>	Vu	S	
Willet	<i>Tringa semipalmata</i>	Vo	P	
Spotted Redshank	<i>Tringa erythropus</i>	Va	P	
Greater Yellowlegs	<i>Tringa melanoleuca</i>	Vo	S	
Marsh Sandpiper	<i>Tringa stagnatilis</i>	Va	P	
Wood Sandpiper	<i>Tringa glareola</i>	Vo	S	
Wilson's Phalarope	<i>Phalaropus tricolor</i>	Vo	S	
Red-necked Phalarope	<i>Phalaropus lobatus</i>	Vo	S	
Red Phalarope	<i>Phalaropus fulicarius</i>	Vu	S	
LARIDAE – Gulls and Terns				
Black-legged Kittiwake	<i>Rissa tridactyla</i>	Vo	S	
Bonaparte's Gull	<i>Chroicocephalus philadelphia</i>	Vo	S	
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Va	S	
Laughing Gull	<i>Leucophaeus atricilla</i>	Vu	S	
Franklin's Gull	<i>Leucophaeus pipixcan</i>	Vu	S	
Mew Gull	<i>Larus canus</i>	Va	S	
Ring-billed Gull	<i>Larus delawarensis</i>	Vu	S	
Western Gull	<i>Larus occidentalis</i>	Va	P	
California Gull	<i>Larus californicus</i>	Va	S	

Herring Gull	<i>Larus argentatus</i>	Vo	S	
Lesser Black-backed Gull	<i>Larus fuscus</i>	Va	P	
Slaty-backed Gull	<i>Larus schistisagus</i>	Vo	S	
Glaucous-winged Gull	<i>Larus glaucescens</i>	Vu	S	
Glaucous Gull	<i>Larus hyperboreus</i>	Vo	S	
Brown Noddy	<i>Anous stolidus</i>	Bi	S	
Black Noddy	<i>Anous minutus</i>	Bi	S	
Blue-gray Noddy	<i>Anous ceruleus</i>	Bi	S	
White Tern	<i>Gygis alba</i>	Bi	S	
Sooty Tern	<i>Onychoprion fuscatus</i>	Bi	S	
Gray-backed Tern	<i>Onychoprion lunatus</i>	Bi	S	
Bridled Tern	<i>Onychoprion anaethetus</i>	Va	P	
Little Tern	<i>Sternula albifrons</i>	Bi	S	
Least Tern	<i>Sternula antillarum</i>	Bi, E	S	
Gull-billed Tern	<i>Gelochelidon nilotica</i>	Va	P	
Caspian Tern	<i>Hydroprogne caspia</i>	Vu	P	
Black Tern	<i>Chlidonias niger</i>	Vo	S	
White-winged Tern	<i>Chlidonias leucopterus</i>	Va	P	
Whiskered Tern	<i>Chlidonias hybrida</i>	Va	P	
Common Tern	<i>Sterna hirundo</i>	Vu	S	
Arctic Tern	<i>Sterna paradisaea</i>	Vu	S	
Great Crested Tern	<i>Thalasseus bergii</i>	Va	P	
Sandwich Tern	<i>Thalasseus sandvicensis</i>	Va	P	
Elegant Tern	<i>Thalasseus elegans</i>	Va	P	
STERCORARIIDAE – Skuas and Jaegers				
South Polar Skua	<i>Stercorarius maccormicki</i>	Vo	P	
Pomarine Jaeger	<i>Stercorarius pomarinus</i>	Vu	S	
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	Vo	P	
Long-tailed Jaeger	<i>Stercorarius longicaudus</i>	Vo	P	
ALCIDAE – Auks				
Ancient Murrelet	<i>Synthliboramphus antiquus</i>	Va	S	
Parakeet Auklet	<i>Aethia psittacula</i>	Vo	S	
Rhinoceros Auklet	<i>Cerorhinca monocerata</i>	Va	S	
Horned Puffin	<i>Fratercula corniculata</i>	Vo	S	
PHAETHONTIDAE – Tropicbirds				
White-tailed Tropicbird	<i>Phaethon lepturus</i>	Bi	S	
Red-billed Tropicbird	<i>Phaethon aethereus</i>	Vo	S	
Red-tailed Tropicbird	<i>Phaethon rubricauda</i>	Bi	S	
GAVIIDAE – Loons				
Pacific Loon	<i>Gavia pacifica</i>	Va	P	
DIOMEDEIDAE – Albatrosses				
Salvin's Albatross	<i>Thalassarche salvini</i>	Va	P	X
Laysan Albatross	<i>Phoebastria immutabilis</i>	Bi	S	
Black-footed Albatross	<i>Phoebastria nigripes</i>	Bi	S	
Short-tailed Albatross	<i>Phoebastria albatrus</i>	Bi, E	S	
PROCELLARIIDAE – Petrels and Shearwaters				
Northern Fulmar	<i>Fulmarus glacialis</i>	Vo	S	
Kermadec Petrel	<i>Pterodroma neglecta</i>	Vo	S	
Herald Petrel	<i>Pterodroma arminjoniana</i>	Vo	S	
Murphy's Petrel	<i>Pterodroma ultima</i>	Vo	S	
Mottled Petrel	<i>Pterodroma inexpectata</i>	Vu	P	
Juan Fernandez Petrel	<i>Pterodroma externa</i>	Vu	S	

Hawaiian Petrel	<i>Pterodroma sandwichensis</i>	Be, E	S	
White-necked Petrel	<i>Pterodroma cervicalis</i>	Vu	P	
Bonin Petrel	<i>Pterodroma hypoleuca</i>	Bi	S	
Black-winged Petrel	<i>Pterodroma nigripennis</i>	Vu	S	
Cook's Petrel	<i>Pterodroma cookii</i>	Vu	P	
Stejneger's Petrel	<i>Pterodroma longirostris</i>	Vo	S	
Tahiti Petrel	<i>Pterodroma rostrata</i>	Va	P	
Bulwer's Petrel	<i>Bulweria bulwerii</i>	Bi	S	
Jouanin's Petrel	<i>Bulweria fallax</i>	Va	P	
Streaked Shearwater	<i>Calonectris leucomelas</i>	Va	P	
Pink-footed Shearwater	<i>Ardenna creatopus</i>	Va	V	
Flesh-footed Shearwater	<i>Ardenna carneipes</i>	Vo	P	
Wedge-tailed Shearwater	<i>Ardenna pacifica</i>	Bi	S	
Buller's Shearwater	<i>Ardenna bulleri</i>	Vu	S	
Short-tailed Shearwater	<i>Ardenna tenuirostris</i>	Vu	S	
Sooty Shearwater	<i>Ardenna grisea</i>	Vc	S	
Christmas Shearwater	<i>Puffinus nativitatis</i>	Bi	S	
Newell's Shearwater	<i>Puffinus newelli</i>	Be, T	S	
Bryan's Shearwater	<i>Puffinus bryani</i>	Va	S	X
HYDROBATIDAE – Storm-petrels				
Wilson's Storm-Petrel	<i>Oceanites oceanicus</i>	Va	V	
Leach's Storm-Petrel	<i>Oceanodroma leucorhoa</i>	Vu	S	
Band-rumped Storm-Petrel	<i>Oceanodroma castro</i>	Bi, E	S	
Tristram's Storm-Petrel	<i>Oceanodroma tristrami</i>	Bi	S	
ARDEIDAE – Herons, Bitterns, and A				
American Bittern	<i>Botaurus lentiginosus</i>	Va	P	
Great Blue Heron	<i>Ardea herodias</i>	Vu	P	
Gray Heron	<i>Ardea cinerea</i>	Va	P	
Great Egret	<i>Ardea alba</i>	Va	P	
Intermediate Egret	<i>Ardea intermedia</i>	Va	P	
Snowy Egret	<i>Egretta thula</i>	Va	P	
Little Blue Heron	<i>Egretta caerulea</i>	Va	P	
Cattle Egret	<i>Bubulcus ibis</i>	Ir, Vu	S	
Green Heron	<i>Butorides virescens</i>	Vo	P	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Ri	S	
THRESKIORNITHIDAE – Ibises				
White-faced Ibis	<i>Plegadis chihi</i>	Vu	S	
FREGATIDAE – Frigatebirds				
Great Frigatebird	<i>Fregata minor</i>	Bi	S	
Lesser Frigatebird	<i>Fregata ariel</i>	Bi	S	
SULIDAE – Boobies				
Masked Booby	<i>Sula dactylatra</i>	Bi	S	
Nazca Booby	<i>Sula granti</i>	Va, Bi	P	
Brown Booby	<i>Sula leucogaster</i>	Bi	S	
Red-footed Booby	<i>Sula sula</i>	Bi	S	
PHALACROCORACIDAE – Cormorants				
Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>	Va	S	
PANDIONIDAE – Ospreys				
Osprey	<i>Pandion haliaetus</i>	Vu	S	
ACCIPITRIDAE – Hawks, Kites, Eagles, and Allies				
Black Kite	<i>Milvus migrans</i>	Va	P	X

White-tailed Eagle	<i>Haliaeetus albicilla</i>	Va	P	
Steller's Sea-Eagle	<i>Haliaeetus pelagicus</i>	Va	P	
Northern Harrier	<i>Circus hudsonius</i>	Vo	S	
Chinese Sparrowhawk	<i>Accipiter soloensis</i>	Va	S	
Hawaiian Hawk	<i>Buteo solitarius</i>	Re, E	S	
Rough-legged Hawk	<i>Buteo lagopus</i>	Va	P	
Golden Eagle	<i>Aquila chrysaetos</i>	Va	P	
TYTONIDAE – Barn Owls				
Barn Owl	<i>Tyto alba</i>	Ir	S	
STRIGIDAE – Typical Owls				
Snowy Owl	<i>Bubo scandiaca</i>	Va	S	
Pueo/Short-eared Owl	<i>Asio flammeus sandwichensis</i>	Ri, Vo	S	
ALCEDINIDAE – Kingfishers				
Belted Kingfisher	<i>Megaceryle alcyon</i>	Vo	S	
FALCONIDAE – Falcons				
Merlin	<i>Falco columbarius</i>	Va	V	
Peregrine Falcon	<i>Falco peregrinus</i>	Vu	S	
PSITTACIDAE – New World Parrots				
Mitred Parakeet	<i>Psittacara mitratus</i>	Ir	S	
Red-masked Parakeet	<i>Psittacara erythrogenys</i>	Ir	S	
Red-crowned Parrot	<i>Amazona viridigenalis</i>	Ir	S	
PSITTACULIDAE – Old World Parrots				
Rose-ringed Parakeet	<i>Psittacula krameri</i>	Ir	S	
Pale-headed Rosella	<i>Platycercus adscitus</i>	Ix	S	
CORVIDAE – Crows, Jays, and Allies				
Hawaiian Crow	<i>Corvus hawaiiensis</i>	Rxw, E	S	
Common Raven	<i>Corvus corax</i>	Va	P	
MONARCHIDAE – Monarch Flycatchers				
Kauai Elepaio	<i>Chasiempis sclateri</i>	Re	S	
Oahu Elepaio	<i>Chasiempis ibidis</i>	Re, E	S	
Hawaii Elepaio	<i>Chasiempis sandwichensis</i>	Re	S	
ALAUDIDAE – Larks				
Eurasian Skylark	<i>Alauda arvensis</i>	Ir, Va	S	
HIRUNDIDAE – Swallows				
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Va	P	
Barn Swallow	<i>Hirundo rustica</i>	Va	S	
PARIDAE – Chickadees and Titmice				
Varied Tit	<i>Parus varius</i>	Ix	S	
PYCNONOTIDAE – Bulbuls				
Red-vented Bulbul	<i>Pycnonotus cafer</i>	Ir	S	
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Ir	S	
CETTIIDAE – Bush Warblers				
Japanese Bush-Warbler	<i>Cettia diphone</i>	Ir	S	
ZOSTEROPIDAE – White-eyes				
Japanese White-eye	<i>Zosterops japonicus</i>	Ir	S	
TIMALIIDAE – Babblers				
Greater Necklaced Laughingthrush	<i>Garrulax pectoralis</i>	Ir	S	
Chinese Hwamei	<i>Garrulax canorus</i>	Ir	S	
Red-billed Leiothrix	<i>Leiothrix lutea</i>	Ir	S	
ACROCEPHALIDAE – Reed Warblers				
Millerbird	<i>Acrocephalus familiaris</i>	Re, E	S	

MUSCICAPIDAE – Old World Flycatchers				
White-rumped Shama	<i>Copsychus malabaricus</i>	Ir	S	
TURDIDAE – Thrushes				
Kamao	<i>Myadestes myadestinus</i>	Xe, E	S	
Amaui	<i>Myadestes woahensis</i>	Xe	S	
Olomao	<i>Myadestes lanaiensis</i>	Xe, E	S	
Omao	<i>Myadestes obscurus</i>	Re	S	
Puaiohi	<i>Myadestes palmeri</i>	Re, E	S	
Eyebrowed Thrush	<i>Turdus obscurus</i>	Va	P	
MIMIDAE – Mockingbirds and Thrashers				
Northern Mockingbird	<i>Mimus polyglottos</i>	Ir	S	
STURNIDAE – Mynas and Starlings				
Common Myna	<i>Acridotheres tristis</i>	Ir	S	
MOTACILLIDAE – Pipits and Wagtails				
Olive-backed Pipit	<i>Anthus hodgsoni</i>	Va	P	
Red-throated Pipit	<i>Anthus cervinus</i>	Va	S	
American Pipit	<i>Anthus rubescens</i>	Va	S	
CALCARIIDAE – Longspurs and Buntings				
Snow Bunting	<i>Plectrophenax nivalis</i>	Va	S	
EMBERIZIDAE – Emberizids				
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Va	P	
ICTERIDAE – Blackbirds and Meadowlarks				
Western Meadowlark	<i>Sturnella neglecta</i>	Ir	S	
CARDINALIDAE – Cardinals, Saltators, and Allies				
Northern Cardinal	<i>Cardinalis cardinalis</i>	Ir	S	
THRAUPIDAE – Tanagers and allies				
Red-crested Cardinal	<i>Paroaria coronata</i>	Ir	S	
Yellow-billed Cardinal	<i>Paroaria capitata</i>	Ir	S	
Saffron Finch	<i>Sicalis flaveola</i>	Ir	S	
Yellow-faced Grassquit	<i>Tiaris olivaceus</i>	Ir	S	
MOHOIDAE – Hawaiian Honeyeaters				
Kauai Oo	<i>Moho braccatus</i>	Xe, E	S	
Oahu Oo	<i>Moho apicalis</i>	Xe	S	
Bishop's Oo	<i>Moho bishopi</i>	Xe	S	
Hawaii Oo	<i>Moho nobilis</i>	Xe	S	
Kioea	<i>Chaetoptila angustipluma</i>	Xe	S	
FRINGILLIDAE – Fringilline and Cardueline Finches and Allies				
Brambling	<i>Fringilla montifringilla</i>	Va	P	
Poo-uli	<i>Melamprosops phaeosoma</i>	Xe, E	S	
Akikiki	<i>Oreomystis bairdi</i>	Re, E	S	
Oahu Alauahio	<i>Paroreomyza maculata</i>	Xe, E	S	
Kakawahie	<i>Paroreomyza flammea</i>	Xe, E	S	
Maui Alauahio	<i>Paroreomyza montana</i>	Re	S	
Palila	<i>Loxioides bailleui</i>	Re, E	S	
Laysan Finch	<i>Telespiza cantans</i>	Re, E	S	
Nihoa Finch	<i>Telespiza ultima</i>	Re, E	S	
Kona Grosbeak	<i>Chloridops kona</i>	Xe	S	
Lesser Koa-Finch	<i>Rhodacanthis flaviceps</i>	Xe	S	
Greater Koa-Finch	<i>Rhodacanthis palmeri</i>	Xe	S	
Ula-ai-hawane	<i>Ciridops anna</i>	Xe	S	
Akohekohe	<i>Palmeria dolei</i>	Re, E	S	

Laysan Honeycreeper	<i>Himatione fraithii</i>	Xe	S	
Apapane	<i>Himatione sanguinea</i>	Re	S	
Iiwi	<i>Drepanis coccinea</i>	Re	S	
Hawaii Mamo	<i>Drepanis pacifica</i>	Xe	S	
Black Mamo	<i>Drepanis funerea</i>	Xe	S	
Ou	<i>Psittirostra psittacea</i>	Xe, E	S	
Lanai Hookbill	<i>Dysmorodrepanis munroi</i>	Xe	S	
Maui Parrotbill	<i>Pseudonestor xanthophrys</i>	Re, E	S	
Kauai Nukupuu	<i>Hemignathus hanapepe</i>	Xe, E	S	
Oahu Nukupuu	<i>Hemignathus lucidus</i>	Xe	S	
Maui Nukupuu	<i>Hemignathus affinis</i>	Xe, E	S	
Akiapolaau	<i>Hemignathus wilsoni</i>	Re, E	S	
Lesser Akialoa	<i>Akialoa obscura</i>	Xe	S	
Kauai Akialoa	<i>Akialoa stejnegeri</i>	Xe, E	S	
Oahu Akialoa	<i>Akialoa ellisiana</i>	Xe	S	
Maui-nui Akialoa	<i>Akialoa lanaiensis</i>	Xe	S	
Anianiau	<i>Magumma parva</i>	Re	S	
Hawaii Amakihi	<i>Chlorodrepanis virens</i>	Re	S	
Oahu Amakihi	<i>Chlorodrepanis flava</i>	Re	S	
Kauai Amakihi	<i>Chlorodrepanis stejnegeri</i>	Re	S	
Greater Amakihi	<i>Viridonia sagittirostris</i>	Xe	S	
Hawaii Creeper	<i>Loxops mana</i>	Re, E	S	
Akekee	<i>Loxops caeruleirostris</i>	Re, E	S	
Oahu Akepa	<i>Loxops wolstenholmei</i>	Xe	S	
Maui Akepa	<i>Loxops ochraceus</i>	Xe, E	S	
Hawaii Akepa	<i>Loxops coccineus</i>	Re, E	S	
House Finch	<i>Haemorhous mexicanus</i>	Ir	S	
Yellow-fronted Canary	<i>Crithagra mozambicus</i>	Ir	S	
Common Redpoll	<i>Acanthis flammea</i>	Va	P	
Island Canary	<i>Serinus canaria</i>	Ir	S	X
PASSERIDAE – Old World Sparrows				
House Sparrow	<i>Passer domesticus</i>	Ir	S	
ESTRILDIDAE –Estrildid Finches				
Lavender Waxbill	<i>Estrilda caerulescens</i>	Ir	S	
Orange-cheeked Waxbill	<i>Estrilda melpoda</i>	Ir	S	
Common Waxbill	<i>Estrilda astrild</i>	Ir	S	
Red Avadavat	<i>Amandava amandava</i>	Ir	S	
African Silverbill	<i>Euodice cantans</i>	Ir	S	
Java Sparrow	<i>Lonchura oryzivora</i>	Ir	S	
Scaly-breasted Munia	<i>Lonchura punctulata</i>	Ir	S	
Chestnut Munia	<i>Lonchura atricapilla</i>	Ir	S	
TOTAL SPECIES		338		10

**HAS ANNUAL MEETING
AND MEMBERS DINNER**

Where: Waikiki Yacht Club
When: Wednesday, November 29, 2017 at 6:00pm – 9:00pm
Tickets: \$35/person - must be purchased by November 20th, 2017

Please join the Hawai'i Audubon Society's Board of Directors for a delicious buffet dinner, no-host cocktails, and an informational presentation, which includes current data and photos from the Society's Freeman Seabird Preserve. This event is open to the public. Tickets may be purchased online at www.hawaiiudubon.org/2017-annual-meeting or by mail. Make checks payable to Hawai'i Audubon Society and not that the payment is for the Annual Dinner. Mail payment to 850 Richards St., Suite 505, Honolulu, 96813

**Our featured speaker: Dr. David Hyrenbach,
Associate Professor of Oceanography, HPU**



David Hyrenbach pondering about the ecology of the Wedge-tailed Shearwater.
Photo credit: Michelle Hester.

Act locally, but Think Globally:
Considering Multiple Drivers of
Wedge-tailed Shearwater Productivity

This presentation will provide an overview of habitat restoration and monitoring of the Wedge-tailed Shearwater colony at the Freeman Seabird Preserve since 2008, within the context of oceanographic changes and advances in the understanding of their foraging ecology.

**Upcoming Events, Field-Outings,
& Volunteer Opportunities**

FIELD-OUTINGS

Bishop Museum Tour, O'AHU

When: November 15, 2017; 6:00pm
Where: Bishop Museum
Leader: Alice Roberts (HAS Board of Director member)
Description: Enjoy and join us at the Bishop Museum for a vertebrate zoology collection tour.
Price: \$8/person. Make checks payable to Hawai'i Audubon Society or pay in cash (to Alice) on the day of the tour.
RSVP: Please RSVP to Alice at 808-864-8122. Limit 10 people.

Alaka'i Boardwalk Hike and Learn, KAUAI

When: November 18; 9:00am-1:00pm
Where: Na Pali Kona Forest Reserve. Meet at Pu'u O Kila lookout (end of road parking lot).
Leader: Dr. Lisa "Cali" Crampton, Project Leader, Kauai'i Forest Bird Recovery Project
Donation: \$10 per person (cash please) pass-through to KFBRP to support their important efforts.
Description: Hike and learn about KFBR project's efforts to monitor Puaiohi, 'Akikiki and 'Akeke'e (mist netting, banding, sample collection, resighting, rodent control, egg collection to found captive populations). We will observe mistnetting and banding (subject to staff availability and weather permitting).
Physical Demands: moderate difficulty, 4 mile hike round trip through bogs and native rain forest, no bathrooms, bring water/lunch, sun protection, good footwear, rain gear, etc. Not suitable for children under 8 unless carried, people not comfortable hiking on muddy, rough terrain with some hills.
RSVP: Please RSVP by November 10 to Hawai'i Audubon Society at hiaudsoc@pixi.com, subject line: Alaka'i Tour

**Nature Hike to Kahuku Point
& Wetland at Turtle Bay, O'AHU**

When: December 30th, 2017; meet outside the Helipad @ 8:45am
Leader: Angela Huntemer
Description: Due to the popularity of this hike, we are offering another date. Be prepared to see Hawaiian monk seals, turtle nest sites, endangered and endemic plants, Endangered Hawaiian bee nesting areas, sea birds, endangered water birds, possibly nene and who knows what else. Folks can either join us for the 4-mile round trip walk to Kahuku Point (1.5 hours) or do the 5-mile loops which would include seeing waterbirds (3 hours).
RSVP: Please RSVP to Angela at ahuntemer@aol.com or 808-224-3101 - with the number in your party and cell phone numbers. More details emailed a few days before the 29th.

**Hawai'i Audubon Society
Renewal/Donation Form**

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| <input type="checkbox"/> \$100 Supporting Member | <input type="checkbox"/> Donation: \$ _____ |

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- E-mail me volunteer opportunities, updates, & field trips.

Pay by credit/debit card at <http://www.hawaiiudubon.org>.
 Please make checks payable to **Hawai'i Audubon Society**
 Mail form and payment to 850 Richards St., Suite 505, Honolulu, HI 96813

*Thank you for your concern and commitment to protecting
Hawaii's native wildlife and ecosystems.*

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118th Annual Christmas Bird Count

Citizen Science Opportunity

December 14th 2017 through January 5th 2018
Across the Hawaiian Islands



Audubon

CHRISTMAS BIRD COUNT

Spend the day with other birders and volunteers at your local bird count. The results are used as a guide to create conservation strategies to protect the birds and their habitat, and to understand the long-term health of bird populations. Visit <http://birds.audubon.org/christmas-birdcount> to find out how you can join in the fun and make a difference!

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