



ELEPAIO

Journal of the
Hawaii Audubon Society

For the Protection of
Hawaii's Native Wildlife

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AUGUST/SEPTEMBER 2006

Results of the 2005 - 2006 Christmas Bird Count

Main Hawaiian Islands Species	Kaua'i		O'ahu		Kaulakahi Channel	Moloka'i Kualapu'u	Hawai'i Volcano
	Kapa'a	Waimea	Honolulu	Waipi'o			
Laysan Albatross, Moli	138 HC	8			17		
Black-footed Albatross					1		
White-tailed Tropicbird, Koa'e kea	3	2				1 LC	
Red-tailed Tropicbird, Koa'e 'ula	1					6	
Brown Booby, 'A	30	4				4 HC	
Red-footed Booby, 'A	1477		829				
Great Frigatebird, 'Iwa	27	1	115		1	1	
Cattle Egret	138	126	102	188	1	58	
Black-crowned Night-Heron, 'Auku'u	37	14	39	22		26	
Greater White-fronted Goose	1 US			1 US			
Hawaiian Goose, Nene	90 HC						
Cackling Goose				2			
Brant			1 US	1		2 HC	
Gadwall						3 US HC	
Eurasian Wigeon				3			
American Wigeon				31 HC		5 HC	
Wigeon sp.	8						
Mallard		6 HC	50				
Hawaiian Duck, Koloa	226	16	1				
Koloa X Mallard (hybrid)			49 HC	34 HC			
Duck sp.		3 US					
Blue-winged Teal			1			1	
Northern Shoveler, Koloa moha			1	3 LC		10 LC	
Northern Pintail, Koloa mapu	8			2 LC		84 HC	
Green-winged Teal	2			1			
Canvasback	4 US HC						
Ring-necked Duck				6		4	
Greater Scaup						2	
Lesser Scaup	1		1			22 HC	
Hawaiian Hawk, 'Io							1
Peregrine Falcon	1 US						
Chukar							1
Gray Francolin			1	9 HC		26	
Black Francolin						9	
Erckel Francolin		15		5			
Red Junglefowl	36	121				17	
Kalij Pheasant							3

Species	Kaua'i		O'ahu		Kaulakahi Channel	Moloka'i Kualapu'u	Hawai'i Volcano
	Kapa'a	Waimea	Honolulu	Waipi'o			
Ring-necked Pheasant	1	1					
Hawaiian Moorhen, 'Alae 'ula	77 HC	16	22	1			
Hawaiian Coot, 'Alae ke'oke'o	31	15 HC	4	267 HC		100	
Pacific Golden-Plover, Kolea	219	47	859	539 HC	3	233	26
Semipalmated Plover			1				
Hawaiian Stilt, Ae'o	213 HC	22	134	141		98 LC	
Lesser Yellowlegs				1		1	
Wandering Tattler, 'Ulili	4	7 HC	16	15	1	11	
Bristle-thighed Curlew, Kioea			1 US			5	
Ruddy Turnstone, 'Akekeke	8	14	199	56	5	24	
Sanderling, Hunakai		9	4	50		22	
Snipe sp.	1 US						
Caspian Tern			1				
Brown Noddy, Noio koha					1		
Black (Hawaiian) Noddy, Noio			3		35		
White Tern, Manu-o-Ku			CW				
Rock Dove			198	127		4	
Spotted Dove	137	86	313	360		126	
Zebra Dove	260	131	1054	998		193	
Mourning Dove				26 US HC			
Rose-ringed Parakeet			50 HC				
Sulphur-crested Cockatoo			1				
Barn Owl			CW				
Short-eared Owl, Pueo		4 HC	1				
Mariana Swiftlet			1				
Kaua'i 'Elepaio		54					
O'ahu 'Elepaio			6	10 HC			
Hawai'i 'Elepaio							12
Sky Lark				1			2
Red-vented Bulbul			338	451			
Red-whiskered Bulbul			123	159 HC			

'Elepaio

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Species	Kaua'i		O'ahu		Kaulakahi Channel	Moloka'i Kualapu'u	Hawai'i Volcano
	Kapa'a	Waimea	Honolulu	Waipi'o			
Japanese Bush-Warbler	12 HC	3	15	93 HC			
White-rumped Shama	25	13	27	59			
'Oma'o							37
Puaiohi		3 US					
Hwamei	3	18					
Red-billed Leiothrix			97	28 HC			3
Japanese White-eye	180	99	196	360		114	17
Northern Mockingbird	3	5		3			
Common Myna	255	115	703	851		184	1
Yellow-faced Grassquit				4			
Saffron Finch			2	66 HC			
Red-crested Cardinal	99 HC	32	111	249		11	
Northern Cardinal	18	55	26	78		10	2
Western Meadowlark	17						
House Finch	15	48	108	417		167	
Yellow-fronted Canary			18				
Hawai'i 'Amakihi							9
O'ahu 'Amakihi			40	49			
Kaua'i 'Amakihi		26					
'Anianiau		13					
'Akikiki		1 US					
'Akeke'e		4					
'I'iwi		8 LC					16
'Apapane		284	6	75		7	78
House Sparrow	1 LC	60	140	276		18	
Common Waxbill			428	1093 HC			
Red Avadavat			1				
African Silverbill						30	
Nutmeg Mannikin	146	30	9	63		5 LC	12
Chestnut Munia	50	323	5	148			
Java Sparrow	190	94	556	613 HC			
Species	42	43	52	48	9	38	15
Participants	11	20	23	14	1	14	16
Party-Hours	15.5	22.75	47.5	45	7	20.25	4
Count Date	12/20/05	12/23/05	12/18/05	1/2/06	1/3/06	12/19/05	12/18/05
HC - High Count LC - Low Count US - Unusual Sighting CW - Reported in the area during Count Week, but not reported during the count							

Results of the 2005-2006 Christmas Bird Count Laysan Island and French Frigate Shoals

Species	Laysan Island	French Frigate Shoals
Laysan Albatross, Moli	135522	3126
Black-footed Albatross	21013	2335
Bonin Petrel	804	17
Wedge-tailed Shearwater, 'Ua'u kani	1	
Tristram's Storm-Petrel	27	1
Red-tailed Tropicbird, Koa'e 'ula	9	17
Masked Booby, 'A	21	111
Brown Booby, 'A	31	2
Red-footed Booby, 'A	244	1064
Great Frigatebird, 'Iwa	671	425
Cackling Goose	1 US	
Brant		1 US
Northern Shoveler, Koloa moha	19	
Northern Pintail, Koloa mapu	21	
Green-winged Teal	US CW	
Pacific Golden-Plover, Kolea	669	103
Semipalmated Plover	21	
Wandering Tattler, 'Ulili	108	1
Bristle-thighed Curlew, Kioea	55	
Bar-tailed Godwit	1 US	
Ruddy Turnstone, 'Akekeke	2591	559
Red Knot	1 US	
Sanderling, Hunakai		12
Western Sandpiper	1	
Long-billed Dowitcher	3	
Red Phalarope	4	
Gray-backed Tern, Pakalakala	22	1
Sooty Tern, 'Ewa'ewa	8	2
Brown Noddy, Noio koha	642	1200
Black Noddy, Noio	386	2570
White Tern, Manu-O-Ku		150
Species	32	19
Participants	3	7
Party-Hours	7	8
Count Date	12/24/05	12/23/05
US - Unusual Sighting		
CW - Reported in the area during Count Week, but not reported during the count		

Audubon's 106th Christmas Bird Count, 2005 - 2006

The Christmas Bird Count (CBC) epitomizes Audubon's approach to bird conservation, involving people to help birds. CBC began over a century ago when, on Christmas Day in 1900, 27 conservationists in 25 localities participated in an alternative to the "side hunt," a Christmas day activity in which teams competed to see who could shoot the most birds and small mammals. Instead, participants proposed to identify, count, and record all the birds they saw, founding what is now considered to be the most significant citizen-based conservation effort and a more than century-old institution.

Today, over 50,000 volunteers from all 50 states, every Canadian province, parts of Central and South America, Bermuda, the West Indies, and Pacific islands count and record every individual bird and bird species seen in a specified area during one 24-hour period between December 14 and January 5.

The valuable scientific data gathered by volunteers during the Christmas Bird Count has become a crucial part of the U.S. Government's natural history monitoring database. Articles published in the 103rd CBC issue of *American Birds* helped ornithologists better understand the magnitude of the effects of West Nile virus on regional bird populations. Count results from 1900 to the present are available through National Audubon's website, www.audubon.org/bird/cbc.

Hawai'i Audubon Society would like to sincerely thank all of this past year's dedicated organizers and participants who took the time and effort to collect this important data for Hawai'i. Mahalo nui loa!

Please Donate!

Hawaii Audubon Society is accepting donations of items to be sold at a silent auction during our Annual Awards Dinner in October. Please consider donating items such as wildlife books, photos, binoculars, native plants, hiking gear, and more. Your donations will help to raise the funds necessary to perpetuate our ability to protect Hawai'i's precious native wildlife! If you would like to donate, please call the HAS office at 808-528-1432 or email hiaudsoc@pixi.com. Thank you!

Linda Paul Named “Volunteer of the Year” by National Marine Sanctuary Foundation

Linda Paul, Hawai'i Audubon Society Executive Director for Aquatics Research, was honored as the Volunteer of the Year during the National Marine Sanctuary Foundation's Annual Leadership Dinner on June 13, 2006 in Washington, DC. Ms. Paul was recognized for her work to protect the fragile ocean ecosystems in the Northwestern Hawaiian Islands (NWHI).

For many years Paul has dedicated her time and expertise to protect the NWHI and for the past five years she has served on the NWHI Coral Reef Ecosystem Reserve Advisory Council (RAC) where she currently serves as Vice-Chair. Ms. Paul received the award two-days prior to the establishment of the NWHI Marine National Monument by President George Bush. Ms. Paul and the RAC developed many of the recommendations for protection of the NWHI included in the President's proclamation, such as the phase out of commercial fishing and other commercial activities in the NWHI.

Paul also initiated the application process to the United Nations Educational, Scientific, and Conservation Organization (UNESCO), supporting the nomination of the NWHI as a World Heritage Site for its distinct cultural and natural resources. Linda Paul joins the many volunteers and leaders in America's history who have worked for over a century to create the largest protected marine area on earth, the “Kupuna Islands” of the NWHI Marine National Monument.

“I am truly honored to receive this award,” said Ms. Paul. “Protecting the unique biodiversity of the NWHI is important to Hawai'i and to the health of our planet. By making the NWHI a national marine monument, we can protect fish populations and help to preserve the place I love for future generations. However, it is essential to remember that the NWHI are too fragile to withstand much human visitation. Therefore, the policy should be to ‘bring the place to the people instead of the people to the place.’”

Paul worked with fellow scientists, fishermen and Hawaiian leaders on the RAC. William Aila, Hawaiian leader, cultural practitioner and fisherman served with Linda Paul on the RAC and said, “It should come as no surprise that Linda Paul was recognized as a volunteer of the year. Linda Paul has worked for over 30 years to protect and preserve our oceans for all humanity.”

Dan Basta, Director of the National Marine Sanctuary Program said, “Linda's tireless efforts, not just in Hawai'i, but worldwide, to advocate on behalf of the waters surrounding the NWHI earns her more than this award. Ms. Paul has also earned our profound admiration and undying gratitude.” Linda Paul's passion for protecting the NWHI began when she was a graduate student studying the behavior of the endemic Hawaiian spiny lobster. She journeyed to the NWHI in the 1970s to research the lobster population there. Rapacious lobster harvesting in the 1980s and 90s eventually led to a virtual collapse of the population. The simultaneous decline of the now-endangered Hawaiian Monk seal population has been attributed to this tragic and avoidable collapse. In the 1990's Ms. Paul was a founding member of the Pacific Fisheries Coalition, a collaboration of groups in Hawai'i concerned with ocean health. Ms. Paul serves on the Board of Advisors of the Marine Fish Conservation Network, a Washing-



Juan R. Tricoche, Staff photographer, Dept. of Commerce

Left: Lori Arguelles, President, National Marine Sanctuary Foundation
Center: Linda Paul **Right:** Dan Basta, Director, National Marine Sanctuary Program NOAA

ton DC-based national coalition of 175 conservation and fishing organizations dedicated to conserving marine fish and promoting long-term ocean health.

The National Marine Sanctuary Foundation is the private, non-profit partner to the federally managed National Marine Sanctuary Program. It was created to inspire all people to preserve, protect and promote our nationwide network of marine sanctuaries. The 14 sites within the national marine sanctuary system protect oceans and great lakes from the Florida Keys to the Hawaiian Islands and from Lake Huron to the Gulf of Mexico.

Source: Pacific Fisheries Coalition Media Release dated June 23, 2006
Contact: Keiko Bonk, (808) 548-3474, mwhibonk@earthlink.net, www.mwhinetwork.net

HAS Program Meetings

Program Meetings are held from 6:30 to 8:30pm on the third Monday of every other month at UH Manoa's St. John lab building (Botany Building), in room 011 in the ground floor auditorium. The address is 3190 Maile Way. Refreshments will be served and products will be available for purchase. Attendance is free and open to the public.

August 21st, 6:45pm, Linda Elliott

Linda Elliott has been working in wildlife rehabilitation for 17 years. She will be speaking about wildlife rehabilitation including oiled wildlife response, and about plans for the Hawai'i Wildlife Center (HWC) she is developing on the Big Island in Kohala (see “Fundraising for HWC at a Critical Juncture” in this issue). Please note that this meeting will begin at 6:45pm instead of 6:30.

The Board of Directors
of the Hawaii Audubon Society
Invite You to Attend the Society's

Annual Awards Dinner

Wednesday, October 18, 2006

6:00 pm to 9:00 pm

Treetops Restaurant

Paradise Park

Open Buffet with Vegetarian Option
Silent auction featuring a private collection of
fascinating bird books and more.
Awarding of outstanding volunteers, corporate leaders,
and public servants for their contributions to the protection
of Hawaii's native wildlife and ecosystems.

Featuring
THE LIFE AND TIMES OF `AKEKEKE (RUDDY TURNSTONE)
a presentation by Dr. Phil Bruner
Dr. Bruner has spent the past three years investigating the
breeding biology of `Akekeke (Ruddy Turnstone) at his
study site located 40 miles NW of Nome, Alaska.
Dr. Bruner has been rewarded with observations
that have never been reported, and his presentation,
through photos and discussion, will transport you
to a special place with one of
Hawaii's unique migratory shorebirds.

\$25 per person

Please make your reservations no later than October 11
by calling 528-1432, emailing hiaudsoc@pixi.com,
or by registering on our website, www.hawaiiudubon.com
Checks may be mailed to Hawaii Audubon Society,

HAS Field Trips for 2006

Saturday, August 19

`Aiea Loop Trail with Phil Bruner

Meet at the uppermost parking lot (at the top of the loop) of `Aiea State Park at 8:00am. We will begin hiking at 8:30am. The State Park is at the end of `Aiea Heights Drive. We will hike part of the loop trail, then part of the ridge trail, looking at birds and native plants. Bring lunch, water, and sturdy footwear. We will hike until about 1:00pm.

Saturday, September 23

Paiko Lagoon with Alice Roberts

Alowtide meander with Alice to welcome our migrating shorebirds back to Hawai'i and explore many other fascinating creatures along the shoreline. This is a wonderful treat of a field trip, and one that keiki will particularly enjoy! Wear old tennis shoes or reefwalkers, and bring binoculars, water, sunscreen, and a hat. We will meet at Paiko Lagoon at 9:00am and walk for about 2 hours. Call Alice to register, 864-8122.

Saturday, November 4

James Campbell National Wildlife Refuge with Ron Walker
See Hawai'i's endangered waterbirds and other migratory waterfowl at one of O'ahu's few remaining wetlands. This is a good place for unusual sightings! The walk will begin at 8:30am. This trip is limited to 20 participants. Register and receive directions by calling the office, 528-1432; please leave your name and telephone number.

December: Christmas Bird Count

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Fundraising for the Hawai'i Wildlife Center at a Critical Juncture

Dedicated to the care and conservation of Hawai'i's endangered and threatened wildlife through hands-on treatment, research, training and education, the Hawai'i Wildlife Center (HWC) is beginning to take shape. HWC, a newly formed nonprofit corporation, is almost ready to begin the construction of its new facility in Halaula, North Kohala on the Big Island of Hawai'i.

Through the passion and dedication of HWC founder and President Linda Elliott, HWC will operate as a rehabilitation facility and conservation resource, seven days a week, year round, caring for Hawai'i's sick, injured, and orphaned endangered wildlife. Rehabilitated animals will be returned to the wild. HWC will serve all of Hawai'i through participation in disaster preparedness efforts during major disease outbreaks such as avian botulism or contaminants spills. Furthermore, HWC will sponsor educational classes on endangered native species and conservation programs. The majority of wildlife that will be treated at Hawai'i Wildlife Center will be waterbirds and seabirds, including the Hawaiian goose (nene), Hawaiian and migratory ducks, Hawaiian coots, stilts, and moorhen, and shearwaters, terns, boobies, albatrosses and other seabirds. Hawaiian hawks, owls, and forest birds will be treated as well. There will be limited opportunities to work with sea turtles, Hawaiian bats, and marine mammals.

Hawai'i's state and federal wildlife agencies have unanimously endorsed this project. State Representative Dwight Takamine, along with state representatives from the Big Island, made possible the legislative approval of a \$500,000 grant as part of the 2006 state budget. Pete Hoffman enabled the approval of \$10,000 in discretionary funds with the unanimous support of the Hawai'i

County Council. HWC has received generous donations of skills, materials, and other valuable resources from businesses, organizations, and individuals, including the Anderson-Rogers Foundation, Surety Kohala, West Hawai'i Concrete and its parent company, the MDU Foundation, Earthworks Construction, JS Bedingfield Construction Management, Tinguley Development, Inc., the University of California Davis School of Veterinary Medicine, Cornell University, North Kohala Community Resource Center, Gregg Todd, and a growing number of community members. Mahalo nui loa!

"The important work now is to raise the remaining monies needed so construction can begin," Elliott voiced. "We are on the way to accomplish HWC's goal to care for Hawai'i's sick and injured threatened wildlife. Support now and into the future is needed and greatly appreciated. The very survival of so many species here may depend on it."

Linda Elliott can be contacted by calling (808) 884-5576 or emailing lindae808@yahoo.com. She will be speaking about the Hawai'i Wildlife Center at Hawaii Audubon Society's August 21st Program Meeting at the University of Hawai'i Manoa (see "Program Meetings" in this issue).

Source: Hawai'i Wildlife Center Media Release dated May 2006

Funding Awarded to Private Landowners in Hawai'i to Conserve Endangered Species

In June 2006, private landowners in Hawai'i were awarded \$538,317 to help conserve and restore habitat for a wide range of species, from endangered Hawaiian plants and birds on O'ahu and Maui to hawksbill sea turtles on the Big Island. Monies were awarded through the U.S. Fish and Wildlife Service's Private Stewardship Grants program.

Acting Assistant Interior Secretary Matt Hogan announced grants totaling more than \$6.9 million to private landowners and groups in 35 states to undertake conservation projects on their land for endangered, threatened and other at-risk species.

"The Private Stewardship Grants program builds partnerships with private landowners to do what the federal government cannot do alone," said Hogan. "This grant program empowers citizens to conserve imperiled species on private lands across the nation."

Now in its fourth year, the Private Stewardship Grants program provides federal grants on a competitive basis to individuals and groups engaged in voluntary conservation efforts on private lands that benefit federally listed endangered or threatened species, candidate species, or other at-risk species. Under this program, private landowners as well as groups working with

private landowners, submit proposals directly to the Service for funding to support these efforts. Each of the 80 grants awarded in June require at least a 10 percent match in nonfederal dollars or in-kind contributions.

In the first three years of the program, 282 grants totaling more than \$22 million were awarded to private landowners across the country. During this same period, private landowners in Hawai'i received \$2,861,296.

The Private Stewardship grants awarded in Hawai'i this year are:

Hawai'i Island Coastal Restoration—(application by Yamanaka Enterprises, Inc.)—Hawai'i County, Hawai'i, \$73,250

The project seeks to improve hawksbill sea turtle nesting habitat by minimizing threats posed by nonnative mammalian predators including mongooses, rats, feral cats, and feral dogs; controlling invasive plants such as fountain grass; and minimizing the impact of human activities. Green sea turtles and Hawaiian monk seals will also benefit as a result of this restoration project.

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President Bush Establishes Northwestern Hawaiian Islands National Monument

On June 15, 2006, President Bush signed a proclamation creating the Northwestern Hawaiian Islands Marine National Monument. The Monument will enable nearly 140,000 square miles of the Northwestern Hawaiian Islands (NWHI) to receive our Nation's highest form of marine environmental protection. The Monument will preserve access for Native Hawaiian cultural activities, provide for carefully regulated educational and scientific activities, allow visitation in a special area around Midway Island, prohibit unauthorized access to the Monument, phase out commercial fishing over a five-year period, and ban other types of resource extraction and dumping of waste. This Monument is the largest single area dedicated to conservation in the history of our country and the largest protected marine area in the world. It is more than 100 times larger than Yosemite National Park, larger than 46 of our 50 states, and more than seven times larger than all our national marine sanctuaries combined.

The ten islands and atolls of the NWHI stretch over nearly 1,400 miles - the distance from Chicago to Miami. The undersea mountain ranges of the NWHI comprise the largest remote reef system in the world. In the tropical waters surrounding the northwestern part of the Hawaiian archipelago, there are more than

4,500 square miles of coral reef habitat thriving under the surface. The region holds the largest, healthiest, and most untouched coral reef system in the United States. The archipelago is home to more than 7,000 marine species - a quarter of which are found nowhere else on earth. The NWHI are also the primary home for the nearly 1,400 surviving Hawaiian Monk seals - virtually the entire population of this critically endangered species. They are also the breeding grounds for approximately 90 percent of the threatened Hawaiian Islands Green sea turtle population.

As part of this proclamation, the Department of the Interior and the Department of Commerce will work with the State of Hawai'i and the public to develop a plan to manage the new monument. The proclamation will also charge NOAA to use its expertise to oversee the marine areas, and the Fish and Wildlife Service to apply their skills to the wildlife refuge areas. The designation of the Northwestern Hawaiian Islands Marine National Monument will protect our natural wealth for the generations that follow and lay the foundation for even greater discoveries and conservation to come.

Source: White House Press Release dated June 15, 2006

Funding Awarded.....continued from page 45

Kualoa Ranch Endangered Species Restoration and Management – (application by Kualoa Ranch and Activity Club, Inc.) – Honolulu County, Hawai'i, \$111,035

The objective of this project is to establish new populations of four endangered plant species (*Cyanea acuminata*, *Cyanea crispa*, *Gardenia manni*, and *Cyanea truncata*) and one candidate plant species (*Psychotria hexandra* spp. *Oahuensis*). Newly established populations will be protected by constructing enclosure fences which will enclose approximately 10 acres of habitat.

Lana'ihale Summit Fence Project – (application by Lana'i Institute for the Environment) – Maui County, Hawai'i, \$245,000

This project will protect and restore the native forest ecosystem of the Lana'ihale Cloud Forest on the island of Lana'i, benefiting a number of endangered plant species including *Bonamia menziesii*, *Clermontia oblongifolia* ssp. *mauiensis*, *Ctenitis squamigera*, *Cyanea grimesiana* ssp. *grimesiana*, *Cyanea macrostegia* ssp. *gibsonii*, *Cyrtandra munroi*, *Gahnia lanaiensis*, *Hedyotis manni*, *Hedyotis schlechtendahlia* var. *remyi*, *Labordia tinifolia* var. *lanaiensis*, *Melicope munroi*, *Spermolepis hawaiiensis*, and *Viola lanaiensis*. Lana'ihale also includes occupied habitat for *Partulina semicarinata* and *Partulina variabilis*, two tree snails that are candidates for listing as endangered. This restoration effort will include installation of an enclosure fence that will restrict feral ungulates from accessing the forest and allow restoration and natural regeneration of native plants to occur.

Reintroduction and Conservation of Five Endangered Plants and a Bird Species on Tiana Partners Property – (application by Ohu 'Ohu Ko'olau, Inc.) - Honolulu County, Hawai'i, \$26,532

The objective of this project is to reintroduce, monitor, and maintain five endangered plant species (*Cyanea grimesiana* ssp. *grimesiana*, *Cyrtandra polyantha*, *Diellia erecta*, *Lobelia monostachya*, and *Tetraplasandra lydgatei*) and enhance the habitat of a the endangered O'ahu 'Elepaio (*Chasiempis sandwichensis ibidis*) in appropriate and protected habitat on Tiana Partners land.

Threat Abatement in Haiku Uka, East Maui – (application by Tri-Isle Resource Conservation & Development Council, Inc. and East Maui Watershed Partnership) – Maui County, Hawai'i, \$82,500

The objective of this project is to control invasive plant species that compete for the habitat of 12 listed and 4 proposed plant and animal species, and to control feral ungulates present in the project area, whose browsing and trampling reduce habitat for at-risk species.

The Private Stewardship Grant program is one of a variety of tools under the ESA that help landowners plan and implement projects to conserve rare species. Other cooperative measures under the ESA include Habitat Conservation Plans, Safe Harbor Agreements, and Candidate Conservation Agreements. These grants and cooperative agreements provide incentives to foster citizen participation in the stewardship of our nation's endangered species.

Source: USFWS News Release dated June 1, 2006
Contact: Ken Foote, (808) 792-9535 or (808) 282-9442

Hawaii Audubon Society Grants and Scholarships

The Hawaii Audubon Society is pleased to announce that Andrea Bruner has been awarded an HAS Research Grant to assist her in an ongoing research project involving migratory shorebirds that winter in Hawai'i and nest in Alaska. She will be investigating the question of whether or not the Ruddy Turnstone and three species of plovers recognize their eggs and will avoid sitting on their nest if their eggs are replaced with those of a different species. Other scientific research has shown that some species of birds do recognize their eggs while others do not. Plovers and turnstones have not been tested for this ability. Hawaii Audubon Society looks forward to her report on this interesting question on the breeding biology of these birds.

Reminder: Due Date for Applications for HAS Research Grants is October 1, 2006

Hawaii Audubon Society offers two grants per year for research in Hawaiian or Pacific natural history. Awards are oriented toward small-scale projects and generally do not exceed \$500. Grants are reviewed semiannually. Deadlines are April 1 for summer/fall grants and October 1 for winter/spring grants. Application guidelines are available at www.hawaii-audubon.com under "chapter news", or by calling the HAS office at 528-1432 or emailing hiaudsoc@pixi.com.

Reminder: HAS Undergraduate Tuition Scholarship for the 2006-2007 school year is still available

Through a trust set up by Yao Shen in memory of Rose Schuster Taylor, the Hawaii Audubon Society annually awards a full tuition scholarship to an undergraduate student in the University of Hawai'i system. Applicants must be majoring in a field related to Hawaiian or Pacific natural history. Hawaii Audubon Society is still accepting applications for the 2006-2007 school year, and the opportunity will remain open until filled. Application guidelines are available at www.hawaii-audubon.com under "chapter news", or by calling the HAS office at 528-1432 or emailing hiaudsoc@pixi.com.

'Elepaio Index Available

The Index for 'Elepaio Volumes 61 - 65 (2001 - 2005) is now available, thanks to the hard work of Susan Schenck. If you would like a copy of the seven-page Index, please send a self-addressed stamped envelope and \$1 per copy to the Hawaii Audubon Society, 850 Richards St. #505, Honolulu, HI 96813. Indexes are compiled and released every five years. Mahalo Susan!

Membership in Hawaii Audubon Society

Regular US Member

(via bulk mail, not forwardable) \$ 20.00
First Class Mail..... \$ 26.00
Junior Members (18 and under)..... \$ 15.00
Supporting Member \$100.00

Foreign Membership (Airmail)

Mexico..... \$ 26.00
Canada..... \$ 28.00
All other countries..... \$ 33.00

*These are annual membership dues, valid January 1 through December 31.
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New Membership Renewal

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Calendar of Events

Saturday, August 19 Field Trip
 `Aiea Loop Trail with Phil Bruner. *See page 44*

Monday, August 21 Program Meeting
 Linda Elliott *See page 43*

Saturday, September 23 Field Trip
 Paiko Lagoon with Alice Roberts *See page 44*

Wednesday, October 18
HAS Annual Awards Dinner
 Reserve your tickets today! *See page 44*

October 26 & 27
 Seabird Conservation & Management Workshop
See page 42

Saturday, November 4 Field Trip
 James Campbell NWR with Ron Walker
See page 44

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