



'ELEPAIO

Journal of the
Hawaii Audubon Society

For the Protection of
Hawaii's Native Wildlife

VOLUME 66, NUMBER 9

DECEMBER 2006 / JANUARY 2007

Audubon's 107th Annual Christmas Bird Count December 15, 2006 – January 5, 2007

Each year, 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 mid-December and early January. Count results from 1900 to the present are available through National Audubon's website, www.audubon.org/bird/cbc.

Join the Hawaii Audubon Society for this year's Christmas Bird Count, the 63rd annual count for Hawai'i! People of all levels of birding experience are welcome to participate, from

the beginner to the expert. Participants are asked to donate \$5 each to support the cost of compiling and storing the data, maintaining the database, analyzing data, and publishing the results. Each participant will receive a copy of the 2006 American Birds Christmas Bird Count issue with information on all the count results from across the US and internationally. There is no fee for children 18 years and younger.

Come out this year and help to collect valuable data for Hawai'i; contact a coordinator today!

Island	Area	Count Date	Contact	Phone	Email
O'ahu	Honolulu Waipi'o	December 17, Sunday December 30, Saturday	Arlene Buchholz Dave Bremer	(808) 988-9806 (808) 623-7613	snovakz@juno.com bremerd001@hawaii.rr.com
Kaua'i	Waimea*	December 23, Saturday	Koke'e Natural History Museum	(808) 335-9975 (808) 828-1413	kokee@aloha.net, www.kokee.org Brenda_z aun@fws.gov
	Kapa'a	December 15, Friday	Michele Ho'okano Brenda Zaun		
Maui	'Iao Valley (West) Pu'u O Kaka'e (East)	December 31, Sunday December 24, Sunday	Jennifer Crummer Jennifer Crummer	(808) 280-3449 (808) 280-3449	n/a n/a
Moloka'i	Kalaupapa Kualapu'u	December 18, Monday December 18, Monday	Arleone Dibben-Young Arleone Dibben-Young	(808) 553-5992 (808) 553-5992	nene@aloha.net nene@aloha.net
Hawai'i Island	Volcano North Kona	December 16, Saturday December 15, Friday	Eldridge Naboa Maile Melrose	None (808) 323-3378	enaboa@tnc.org None

* A Bird Identification meeting will be held on December 20. Call the Koke'e Natural History Museum at (808) 335-9975 for more information.

HAS Program Meetings

Program Meetings are held at UH Mānoa's St. John lab building (Botany Building), in room 011 in the ground floor auditorium. The address is 3190 Maile Way. Attendance is free and open to the public.

December 4th, Monday, 6:30pm – 8:30pm Annual Membership/Program Meeting

HAS Board member Ron Walker will give a presentation on common (and uncommon) birds found in Hawai'i. This will be a perfect opportunity to brush up on your avian identification skills in time for the upcoming Christmas Bird Count. Ron's legendary knowledge will make for an exciting and informative event! HAS products will be available for sale at the Annual Meeting. Shop for Christmas gifts and shop to support the Society!

January 10th, Wednesday, 6:30pm – 8:30pm Special Presentation on Avian Influenza

USFWS personnel will speak on avian influenza surveillance in Hawai'i and volunteer opportunities for bird enthusiasts to help with surveillance.



Expert Birder, Ron Walker, Nov.
2006 Field Trip to James Campbell
NWR. Photo by Stan Oka.

Don't Forget to Vote...

Each November, Hawaii Audubon Society members and National Audubon Society members who reside in Hawai'i are offered the chance to elect our Board of Directors. Current directors running for re-election to two-year positions on the Board include Phil Bruner, Arlene Buchholz, and Christine Volinski. Carol Bebb, a former Board member, is also running for election. Please be sure to vote; ballots must be received by December 4, 2006. Ballots may also be turned in prior to the start of the Annual Meeting on December 4 at UH Mānoa (see details on page 63). The winners of the election will be announced at the meeting.

...and Renew Your Membership!

Along with your ballot you should have received your membership renewal and annual appeal. Please be sure to renew your membership with the Hawaii Audubon Society, and consider making a generous donation to the Society. Our mission is to foster community values that result in the protection and restoration of native ecosystems and conservation of natural resources through education, science and advocacy in Hawai'i and the Pacific. Your ongoing commitment to the Hawaii Audubon Society is a critical element in our ability to achieve these goals. Your membership and donations help to support the Society's conservation and education programs which include publication of the *'Elepaio*, sponsorship of field trips and program meetings, publication of many educational products including the "Hawaii's Birds" field guide, maintenance of our website www.hawaii.audubon.com, perpetuation of our small grants and UH scholarship programs, and many other important programs. Your continued support is greatly appreciated and we look forward to hearing from you soon!

GIFTS OF ALOHA

HAS sends a Big Mahalo out to all of you who donated to Hawaii Audubon Society through Foodland's "Give Aloha" Community Matching Gifts Program. This year, customer donations and Foodland and Western Union's matching gifts raised a total of \$1,365,555.51 for Hawai'i's non-profit organizations!

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Scientific Editor: Ron Walker

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Pacific Fisheries Coalition (PFC) (a project of HAS)
Tel: (808) 548-FISH Fax: (808) 537-5294 Website: www.pacfish.org

Volunteers Needed!

Avian Influenza sampling is currently being conducted throughout the US mainland and the Pacific region. The US Fish and Wildlife Service (USFWS) is looking for volunteers to help in the sampling effort for the Hawaiian Islands. Participation will involve observing target species, observing when they poop, and then collecting the fecal sample into a vial. No catching and handling of birds is required. This is a great opportunity to gain practical experience in taking samples from birds for disease studies, and to contribute to an important conservation effort for Hawai'i's birds. Volunteers will receive training from USGS and USFWS staff in environmental sampling and appropriate field equipment, and will be able to work on their own schedule. Sampling will begin now and continue through April 2007. If you are interested please contact Joshua Fisher at (808) 792-9452.

Humpback Whale Sanctuary Ocean Count 2007

8:00 a.m. – 12:15 p.m. January 27, February 24, March 31
(last Saturday of each month)

The goal of the Sanctuary Ocean Count is to record the number of humpback whales sighted from various shore sites around the islands in a four-hour period. The data collected provides important population and distribution information on humpback whales around the Hawaiian Islands.

The Sanctuary Ocean Count takes place on the islands of Hawai'i, Kaua'i, and O'ahu. The Ocean Count is also conducted on Kaho'olawe by the Kaho'olawe Island Reserve Commission. The Great Whale Count on Maui is conducted independently by the Pacific Whale Foundation.

Both site leaders and general volunteers are being sought for all islands. Call to sign up!

Big Island: 1-888-55-WHALE x 253

Kaua'i: 246-2860

O'ahu: 297-2651 x 253

Visit the Hawaiian Islands Humpback Whale
National Marine Sanctuary website at
<http://hawaiihumpbackwhale.noaa.gov>
for more information.

Board Roster:

Liz Kumabe, President
Ron Walker, Vice President
Wendy Johnson, 2nd Vice President
Treasurer, vacant
Phil Bruner, Director
Arlene Buchholz, Director
John Harrison, Director
Christine Volinski, Director

Staff:

Lydi Morgan, Office Manager
Linda Paul, Executive Director for Aquatics

Committee Chairs:

Conservation: vacant
Education: Wendy Johnson
Elepaio: Ron Walker
Field Trips: vacant
Fundraising: vacant
Grants & Scholarships: Phil Bruner
Membership: vacant
Program: Arlene Buchholz
Publications: Linda Paul
Website: Stephen Bibbs

DLNR's New Enforcement Hotline 643-DLNR

The Department of Land and Natural Resources (DLNR) has established a new statewide enforcement telephone number and launched a new 24-hour enforcement call system that will allow the public to report violations of state natural and cultural resources laws. Effective immediately, the DLNR enforcement phone number is **643-DLNR (643-3567)**. This is an easy-to-remember, single statewide toll-free number that can be called from regular phones as well as cell phones.

In addition, DLNR initiated a 24-hour live answer enforcement calling system. During working hours (Monday – Friday 7:45 am - 4:30 pm) calls to the enforcement number (643-DLNR) will ring at the respective district office for the County where the call is placed. After hours, weekends and holidays, calls will be directed to a central O'ahu-based answering service. As part of the initial stage of this program, all calls received by the O'ahu-based answering service will be transmitted to the appropriate DLNR-Enforcement island office at the start of business the next day.

DLNR is also in the process of assessing the feasibility and cost of having enforcement officers on the job 24-hours a day on each island.

The Division of Conservation and Resources Enforcement (DOCARE) is responsible for enforcement activities of the DLNR. In 2006, the division consists of 100 regular conservation resource enforcement officers (CREO) and 20 volunteers. The division, with full police powers, enforces all state laws and rules involving state lands, state parks, historical sites, forest reserves, aquatic life and wildlife areas, coastal zones, conservation districts, state shores, as well as county ordinances involving county parks. The division also enforces laws relating to firearms, ammunition and dangerous weapons. DOCARE receives emergency calls from county police and fire departments to assist in search and rescue operations and various other incidents.

For more information contact Deborah Ward, DLNR Public Information Specialist at (808) 587-0320.

Source: DLNR News Release dated October 10, 2006

Hawai'i's Wildlife At Risk

Ka'ena Point Colony Attacked

A native shearwater breeding colony at Ka'ena Point Natural Area Reserve on O'ahu was attacked over the weekend of November 4th and 5th, when feral dogs killed at least 21 flightless chicks in nesting burrows in the reserve, according to the Department of Land and Natural Resources (DLNR). Surveys of the colony have found a total of 177 wedge-tailed shearwaters (including at least 113 chicks) killed by predators so far this season.

"This year, we saw the second largest breeding attempt by the wedge-tailed shearwaters, with 725 fledgling shearwaters counted by volunteers on October 28" said Peter Young, DLNR chairperson. The young birds were expected to make their first journey to sea during the week of November 6th.

About 40 percent of the population of chicks is lost to cats and mongooses each year. If feral dogs attack, they can wreak major havoc in a shearwater colony. In 1996 a feral dog killed 40 nesting shearwaters in one night and in 2005 a feral dog killed approximately 20 shearwaters.

"Dogs are strictly prohibited in the reserve, and this is clearly marked on information signs at entry points. However, some people are still being seen bringing their dogs there, and homeless persons in nearby communities may be allowing their dogs to run loose – a practice that once again has had tragic and devastating results," Young said. "We are asking anyone with information on this incident to call 643-DLNR."

Ka'ena Point is a Natural Area Reserve managed by DLNR Division of Forestry and Wildlife. The area currently supports breeding colonies for two seabirds, the wedge-tailed shearwater ('ua'u kani) and Laysan albatross (moli). The presence of these species is the result of the successful albeit "low-intensity" predator control operations in progress over the past 5 years.

Source: DLNR News Release dated November 8, 2006

Contact: Deborah Ward, DLNR Public Information Specialist, (808) 587-0320

A Tragic Loss

The following are excerpts from a testimonial by Monk Seal Volunteer, D.B. Dunlap, and released by Fair Catch (www.faircatchhawaii.org)

On June 1, 2006, a Hawaiian monk seal gave birth to a female pup—named Penelope by volunteers—near Turtle Bay Hotel. I was part of a volunteer force that manned the cordoned North Shore area during daylight hours for 50 days so the pup, the first to be born on the main island of O'ahu in eight years, could safely nurse. As an endangered species, the monk seal pup was one of only about 75 who call the Main Hawaiian Islands home, and we wanted to ensure her protection during her first critical days.

On July 21 Penelope woke up and was alone in the world. Mom had slipped off at night as is the norm, and Penelope was on her own. Two days later, Penelope was tagged (RO32) and relocated to Mānana (Rabbit Island) where she adapted quite well, immediately interacting with the four young males who are regulars.

In early October, Penelope was observed braving the waters away from the island and swimming near the Makai Research Pier. To my horror, I found that she had discovered a section of gill net that was stuck in the rocks of the breakwater and was gleefully taking fish from the net. The day before I'd observed spear-fishermen bringing up what I thought was the entire net with a dead 3 foot white tip shark in it. They had in fact only cut the net, leaving the rest in the water.

A few days later, DOCARE got the call about a dead seal entangled in a gill net near the Makai Pier breakwater. They found Penelope, who had drowned, along with numerous fish and a 2.5 foot white tip shark also dead in the net.

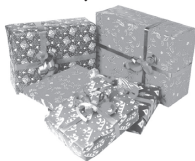
Penelope represented the future for the Hawaiian monk seal here. Every seal counts at this point, and females are desperately needed to help replenish the critically low numbers. By any measure, her killing was a total disaster. We've got to be rid of gill nets, the sooner the better, before another tragedy occurs.



Christmas Gifts That Support The Society

Take Care Of Your Holiday Shopping and Contribute To A Cause That You Care About!

All products are available for purchase through our online store at www.hawaiiiaudubon.com (view color photos of products there as well). Or you may fill out this form and mail it with your check (payable to Hawaii Audubon Society) to 850 Richards St. #505, Honolulu, HI 96813. Be sure to include your mailing address; products will be shipped to you upon receipt of payment.



Give the Gift of Membership!

Memberships include a subscription to our newsletter, 'Elepaio, and are valid for one year, January 1 to December 31.

- _____ **Regular Membership** (Hawaii Resident) **\$20.00**
- _____ **Regular Membership** (Mainland Resident) **\$26.00**
- _____ **Foreign Membership** (Airmail) **\$33.00**
- _____ **Junior Membership** (18 and under) **\$15.00**

Name and Address of New Member:

Products and Publications

(Prices Include Postage)

Please indicate quantity:



- _____ **Hawaii's Birds** field guide by the Hawaii Audubon Society, 6th edition, 2005. Over 150 color photographs and illustrations. **\$13.00**

- _____ **Voices of Hawaii's Birds** by Douglas Pratt and the Hawaii Audubon Society, 1995. Two 60 minute tapes of songs of more than 100 species of birds found in Hawai'i. **\$8.00** (Separate 10-page Supplement also available for \$1.00)

- _____ **Treasures of O'ahu Map** A fun and informative self-guided tour of O'ahu including hiking, birding, and ancient cultural sites. **\$4.95**

- _____ **Hawaii Audubon Society Logo Patch** Beautiful embroidered patch, brown and white, 3" diameter. **\$3.75**



- _____ **Hawaii Audubon Society Logo T-Shirts** (see colors and styles at www.hawaiiiaudubon.com) **\$18.00**

Please Circle Your Color and Size Choices:

Men's style: S / M / L / XL / XXL, White / Natural / Jade

Women's style: S / M / L / XL, White / Apricot / Aqua

- _____ **Ruddy Turnstone T-Shirts** in white with a full color picture of the Ruddy Turnstone with both its Hawaiian and Inuit names. Part of proceeds benefit our Shorebird Research Fund. **\$23.00**

Choose a size: S / M / L / XL

- _____ **Kolea Research Fund T-Shirts** in white. A lovely Kolea (Pacific Golden Plover) among yellow hibiscus blossoms. Part of proceeds benefit our Shorebird Research Fund. **\$23.00**

Choose a size: S / M / L / XL

FEATURING

- _____ **NEW!! Hawaii Audubon Society Embroidered Logo Polo Shirts!**

Chestnut Hill Performance Plus Pique Polo, 100% combed cotton pique.

(see colors at www.hawaiiiaudubon.com) **\$40.00 S - XL, \$42 XXL**

Please Circle Your Color and Size Choices:

Men's style: M / L / XL / XXL, Stone / Cactus

Women's style: S / M / L / XL, Stone / Azalea



- _____ **TOTAL ENCLOSED** (Please be sure to send us your mailing address. Thank you!)





Bristle-thighed curlew or
Kioea (*Numenius tahitiensis*).
Drawing by Ron Walker

A Field Trip to the James Campbell National Wildlife Refuge with the Hawaii Audubon Society

Saturday, November 4th, 2006

By Ron Walker, First Vice President

Twenty-four enthusiasts met at the Refuge headquarters in Kahuku on a perfect sunny morning for birding. Under the leadership of Mike Ord and Peter Donaldson, U.S. Fish and Wildlife Service volunteers, we walked the dikes and glassed with binoculars and spotting scopes. Because of recent heavy rains, the ponds and basins were full of water resulting in poor habitat for birds, which favor shorelines and mudflats. However, the bristle-thighed curlews (kioea) were numerous and entertained by mauling crayfish in close proximity to the viewers. An unusual sighting of a great blue heron flying north of the refuge was a brief but exciting event. Migratory waterfowl seen included northern pintails (koloa mapu), northern shovelers (koloa moha), a green-winged teal, and a scaup, as well as a canada goose of the cackling variety. A single pectoral sandpiper was seen mixing it up with pacific golden plovers (kōlea) and ruddy turnstones ('akekeke) on the temporary "lake" next to the headquarter buildings. Numerous ducks, assumed to be hybrids between mallards and koloa, were noted flying and basking in the Eastern sunlight along the edges of ponds. Of course, the stars of the show were the numerous Hawaiian stilts (āe'o), coots ('alae ke'oke'o) and moorhens ('alae 'ula) as well as some black-crowned night herons ('auku'u), both adult and juvenile. Many pictures were taken and a good time was had by all.



Photo by Stan Oka

The James Campbell Nation Wildlife Refuge consists of approximately 164 acres in two units comprising a mix of naturally occurring, spring-fed marsh and man-made ponds and impoundments. The Refuge is open for tours from the third Saturday in October through the third Saturday in February and closed during the rest of the year for the stilt breeding season. Guided public tours are offered on Thursdays, 4:00-5:30 p.m., and on Saturdays, 9:00-10:30 a.m., on the first two Saturdays of the month, and 3:30-5:00 p.m. on the remaining Saturdays. Public access is limited to guided tours only. Contact the refuge office to reserve a space on the tour at (808) 637-6330, option 3.

Membership in Hawaii Audubon Society

Hawaii Resident: newsletter via bulk mail \$ 20.00

Mainland Resident: via 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.

Donations are tax deductible and gratefully accepted.

Name _____

Address _____

City, State, Country, Zip _____

Phone _____ Email _____

Membership \$ _____ + Donation \$ _____ = Total \$ _____

New Membership ☐ Renewal ☐

Please make checks payable to Hawaii Audubon Society and mail to us at 850 Richards St., #505, Honolulu, HI 96813.

PLEASE LET US KNOW IF YOUR ADDRESS CHANGES.

HAS Annual Awards Dinner 2006

By Wendy Johnson, Second Vice President

Hawaii Audubon Society members, friends and distinguished guests gathered October 18th at Treetops Restaurant in Mānoa Valley for the Society's thirteenth Annual Awards Dinner. This year's event featured a silent auction with many interesting items available, including 30 books on birds and birding, donated to Hawaii Audubon Society by former Board member, Chad Castle. Hawaii Audubon Society would like to sincerely thank all of the donors of the silent auction items, including Waimea Valley Audubon Center, Annette Kaohelauii and Annette's Adventures, Marjorie Ziegler and Conservation Council for Hawai'i, Hui Ku Maoli Ola native plant nursery, Linda Paul, Jane Eckelman, Patrick Ching and Naturally Hawaiian, and Alice Roberts of Mermaids Hawai'i. Mahalo nui loa! The auction was a wonderful success for the Society.

Dr. Phil Bruner, professor of biology at BYUH and renowned kōlea (pacific golden plover) researcher, gave a fascinating presentation entitled "The Life and Times of 'Akekeke (Ruddy Turnstone)". Dr. Bruner's photos and data are the result of investigations conducted over the last three summers at Woolley Lagoon on the Seward Peninsula, 40 miles NW of Nome, Alaska. The 'akekeke is the second most common migratory shorebird wintering in Hawai'i, yet there is very little known about its breeding biology. Dr. Bruner and his research associate and wife, Andrea Bruner, documented mating and nesting habits of 'akekeke and collected data on clutch size, chick weights and survival rates. The Awards Dinner audience was delighted with the charming images of these beautiful birds and well entertained by Dr. Bruner's anecdotes relating to his varied experiences observing and banding 'akekeke. Hawaii Audubon Society members and guests are sure to be on the lookout for 'akekeke on Hawai'i's shores this winter, noting their unique feeding technique of turning over small stones with their open beaks while searching for insects. Several of the birds banded by the Bruners in Alaska have been seen on O'ahu in the last three years.

Awards were presented to five notable individuals and groups who were recognized for their contributions to environmental education and the protection of Hawai'i's wildlife and habitats. The following Annual Awards for 2006 were presented with great appreciation from the Hawaii Audubon Society Board of Directors:

President's Award

U.S. Representative Ed Case was recognized for his extraordinary commitment to the conservation of Hawai'i's native wildlife and ecosystems. His specific accomplishments include support of full protection for the Northwestern Hawaiian Islands (NWHI) and his introduction of the NWHI National Marine Refuge Act of 2005, as well as the Coral Reef Conservation and Protection Act of 2005, the Hawai'i Invasive Species Prevention Act, the Brown Tree Snake Control & Eradication Act, and legislation authorizing expansion of the Kilauea Point National Wildlife refuge by 234 acres, which became Public Law 108-481. Representative Case was not able to be present, but his campaign manager, Crystal Rose, graciously accepted the award on his behalf.



Alice Roberts and other guests browse items at the Awards Dinner silent auction. *Photo by Lydi Morgan.*



HAS First Vice President Ron Walker with Larry Abbott, winner of this year's Conservation Award. Here Ron models a new HAS embroidered polo shirt! *Photo by Lydi Morgan.*



Pono Pacific's Gerry Kaho'okano, Matthew Bauer, and John Leong accept the Environmental Education Award for their work with the Hawai'i Youth Conservation Corps (YCC). *Photo by Lydi Morgan.*

Conservation Award

Larry Abbott, past president of Kawai Nui Heritage Foundation and current employee of the U.S. Army Environmental Services, is a long-time, active proponent for the protection of native ecosystems. Larry was recognized as an individual whose actions have resulted in a significant conservation achievement in a number of locales on O'ahu. His valuable input and efforts at Ka'elepulu Sanctuary (Enchanted Lake), 'Ihi'ihilauākea Sanctuary (Koko Head), and Nā Pōhaku o Hauwahine (Kawai Nui Marsh) have had a positive impact for native species there. The personal initiative Larry consistently takes to further the protection of Hawai'i's environment, specifically endangered plants and water birds, is an inspiration to all.

Volunteer Service Award

Annette Kaohelauii, owner-operator of "Annette's Adventures" was recognized for her tireless commitment to service projects around the island, but especially at Marine Corps Base Hawai'i. Her generous contributions of time and energy to many conservation organizations and issues in Hawai'i constitute a remarkable, and much appreciated, achievement. Annette even donated an exciting nature tour as an auction item at the HAS Awards Dinner.

Environmental Education Award

Pono Pacific was recognized as a group whose activities and achievements have served to raise public awareness about environmental issues in Hawai'i. Pono Pacific's operation and expansion of the Hawai'i Youth Conservation Corps (YCC) have served to introduce hundreds of young adults to Hawai'i's native ecosystems and the agencies that manage them. Student participants gain a strong and life-long connection to the 'aina. Pono Pacific co-founders John Leong and Matt Bauer, and Program Coordinator Gerry Kaho'okano graciously accepted the award.

Environmental Journalism Award

Paul Koberstein, editor of the *Cascadia Times* published in Portland, Oregon, was recognized for his newspaper's coverage of the need to protect the Northwestern Hawaiian Islands. The in-depth special report on this issue, entitled "Rogues of the Pacific", in the Spring 2006 *Cascadia Times* was a timely and influential part the Hawaii Audubon Society's Pacific Fisheries Coalition campaign to protect this world treasure. Ellyn Tong accepted the award for Paul Koberstein.

Thanks go out to each of the awardees, to our generous auction item donors, to all of the staff, board members and volunteers who helped with preparations and kept the event running smoothly, to Treetops Restaurant for a delicious dinner and wonderful venue, and to all of the HAS members and friends who truly made the evening an enjoyable one. Mahalo!



Awards Dinner guests enjoy friendly conversations and a delicious buffet dinner at Treetops Restaurant in Mānoa. *Photo by Lydi Morgan.*



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Calendar of Events

Monday, December 4

HAS Board of Directors Election Ballots Due

See page 64

Monday, December 4

Annual Membership/Program Meeting

Bird ID Lecture and Slide Show in Preparation
for the Annual Christmas Bird Count

See page 63

December 15, 2006 – January 5, 2007

Annual Christmas Bird Count

See page 63 for details

December 25 Christmas!

Order your gifts today and support the Society!

See page 66

Wednesday, January 10

Program Meeting Special Presentation on Avian Influenza

See page 63

Saturday, January 27

Humpback Whale Sanctuary Ocean Count #1

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