



'ELEPAIO

Journal of the
Hawai'i Audubon Society

For the Protection of
Hawai'i's Native Wildlife

VOLUME 73, NUMBER 2

MARCH/APRIL 2013

State of the Society 2012: Report to the Membership

By Linda Paul, HAS President

MISSION STATEMENT: To foster community values that result in protection and restoration of native ecosystems and conservation of natural resources through education, science and advocacy in Hawai'i and the Pacific.

The Hawaii Audubon Society was established in 1939 by a small group of dedicated birders to further the protection and conservation of Hawaii's native wildlife and the ecosystems that support it. In 1967 it was granted non-profit §501(c)(3) status by the U.S. Treasury Dept. It is now a state-wide conservation organization with a membership of approximately 2,500. Although it became a chapter of the National Audubon Society (NAS) in 1978, it is independent of that organization in matters of governance, policy, financial control, and programs.

Society Governance

Programs, policies and activities are guided by our Mission Statement and the purpose, organization, and procedures are set forth in our Constitution and By-laws. The Society is governed by a Board of Directors and Officers elected by the membership at its annual meeting at the end of the year. During 2012 they included President Linda Paul, Vice President Landin Johnson, Secretary Melissa Sprecher, Treasurer Melissa Kolonie and Directors Thorne Abbott, Phil Bruner, Nicole Galase, Kristen Nalani Mailheau, and Laura Sheehan. In January the Board held its annual leadership retreat, which included a Vision session, a budget session, and an extended board meeting. In June the Board held a half-day retreat to update the 2012 budget.

Education and Outreach

The Society has a number of standing committees headed by Directors. In 2012 Laura Sheehan was in charge of the Education Committee, Thorne Abbott the Conservation Committee, and Kristen Mailheau the Field Activities Committee. Committee membership is open to all members of the Society (Please see our website for more information).

The 'Elepaio: Our peer-reviewed journal focuses on research and conservation work in Hawai'i and the Central Pacific and provides educational outreach to the Society's membership and subscribers, who can receive the journal both electronically and by mail. Six bi-monthly issues were published in 2012. Scientific articles in 2012 included *Birds in Hawai'i Volcanoes National Park: Summary of the 2010 Inventory and Monitoring*

Program Survey by Richard J. Camp, et al.; *Conjoined-nesting of the Laysan Finch, *Telespiza cantans**, by Ruby L. Hammond and Cindy Rehkemper; *Short-tailed Albatross Fledges at Midway Atoll National Wildlife Refuge* by John Klavitter and Ann Bell; *Japanese White-eye as a potential pollinator of native Hawaiian plants*, by Clare Aslan (research notes); *Raising the 'Auku'u* by Ann Elliot Viets; and *Hawaii's First Wildlife Biologist: James Donald Smith*. David Leonard was our long-standing Scientific Editor until June of 2012, and Glenn Metzler has since taken on the position.

www.hawaiiaudubon.org: The Society's website provides a comprehensive source for up-to-date information on the Society and its activities. It includes electronic versions of the 'Elepaio, field trips, service projects, programs, meetings, volunteer opportunities, membership information, an on-line store, information on birding in Hawai'i, a gallery of beautiful bird photos, and links to a number of related organizations and issues.

Kawainui Marsh and World Wetlands Day: Each year the Society displays our educational materials and products at the World Wetlands Day celebration at Kawainui Marsh. The Kawainui-Hamakua Marsh Complex is the largest remaining wetland in the State and Society members have been working for years for its protection, including advocating for state matching funds to construct habitat ponds for endangered waterbirds. In 2013, the Army Corps of Engineers will complete the terraced waterbird ponds and the Department of Forestry and Wildlife (DOFAW) and Society volunteers will begin restoring the adjacent native stream habitat.

The Society is a founding member of Ho'olaulima Ia Kawainui, which is a network of conservation organizations whose collective mission is to foster public awareness and understanding of the natural, historical, cultural, and scenic resources of the Kawainui-Hamakua Marsh Complex to ensure the long-term protection, restoration and stewardship of its resources. In addition to planning the World Wetlands Day celebrations, the network has been

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working on a resources interpretive plan and the update of the 1994 Kawainui Master Plan.

Conservation

Freeman Seabird Preserve: In September 2007, the Society was given a one-acre coastal property at Black Point on the southern coast of O'ahu thanks to an unprecedented gift from the Houghton Freeman Foundation. The Freeman Seabird Preserve is home to a colony of Wedge-tailed Shearwaters (ua'u kani, *Puffinus pacificus*). The restoration of this property from a vacant residential property into a native coastal habitat has been the ongoing project of the Society ever since. In 2012, volunteers continued to remove alien plants from the Preserve, a never-ending task that must be accomplished during the three-month period from January through March when there are no Shearwaters in residence. Population monitoring of the colony by Dr. David Hyrenbach, Assistant Professor of Oceanography at Hawai'i Pacific University, and his students also continued.

(See 2012 Update by Dr. Hyrenbach and Wendy Johnson in this issue.)

Pacific Fisheries Coalition (PFC): The PFC, a project of the Society, is a unique collaboration between conservationists and fishermen who found common ground in their desire to promote the conservation and responsible use of living marine resources in Hawaii and the Pacific Basin. It began in 1998 and over the years received grants from several foundations and other sources. The project is administered by HAS President, Linda Paul, who serves as project administrator and policy analyst on a *pro bono* basis. In 2012, Linda, who has represented the Society on the U.S. delegation to the Western & Central Pacific Fisheries Commission since 1999, attended the Commission meeting in Guam, its Technical & Compliance Committee meeting at the Commission headquarters in Pohnpei, FSM, and is a member of its U.S. Advisory Council. Our participation on the delegation over the years has resulted in observers being allowed to attend and speak at Commission meetings, by-catch control and mitigation measures, which have helped to protect seabirds, turtles, and sharks, a high seas driftnet enforcement measure, and fish stock conservation measures.

The Society is also a member of the Marine Fish Conservation Network and Linda serves on its Board of Advisors. The Network advocates for national policies to achieve healthy oceans and productive fisheries. It works on the periodic reauthorization of the Magnuson Stevens Act and its implementation, as well as by-catch measures, observer coverage and marine spatial planning. In August, Linda Paul and Thorne Abbott participated in an ocean stewardship workshop and worked on recommendations for amending Hawaii's Ocean Resources Management Plan. Those recommendations are now posted on www.pacfish.org. Linda also represents the Society and the broader conservation community on the Northwestern Hawaiian Islands Coral Reef Ecosystem Advisory Council (RAC) and has been its vice chair since 2004. The Papahānaumokuākea Marine National Monument was the result of an initiative to protect the Northwestern Hawaiian Islands (NWHI) begun by the PFC in 1999. The Society is also represented on the Multi-Agency & Partner Marine Debris Cleanup Group and the state Alien Aquatic Organism Task Force, which was created as a result of PFC efforts. The PFC has produced a number of

educational reports, brochures and posters, which are distributed to policy makers, resource managers, fishermen, students and the general public.

Legislature: Although budget constraints prevented us from hiring a legislative analyst in 2012, Society members George Massengale, Landin Johnson, Linda Paul, Thorne Abbott, and John Harrison monitored environmental bills related to the Society's mission statement and submitted testimony in behalf of the Society as appropriate. This included testimony on HB 2094, which proposed setting up a wildlife recovery and rehabilitation special fund to support a facility to care for wildlife sickened, injured or contaminated as a result of an oil or fuel-related disaster. The bill was deferred. The Society is a member of the Environmental Legislative Network.

Field Excursions and Service Trips

Guided tours of **James Campbell National Wildlife Refuge** were held in January, February, November and December by Mike Ord, Lance Tanino, and Kurt Pohlman. The walk along a grassy loop through the wetlands to view endangered Hawaiian waterbirds and migratory shorebirds lasted about 1 1/2 hours. Participants also explored the last remaining intact coastal dune system on Oahu.

Sunset at Freeman Seabird Preserve March 17th. After three months of hard work pulling invasive weeds under the direction of Wendy Johnson, Freeman volunteers enjoyed a sunset at the Preserve with light pupus and drinks while learning about recent landscape and maintenance projects, as well as, this past year's batch of nests and fledglings.

Kristen Mailheu, Chair of the Field Activities Committee, was in charge of the **fieldwork & bird watching trip in the Waianae Mountains with Oahu Army Natural Resources** on May 12th. The trip consisted of a 60 minute one-way hike (round-trip=2 hours of hiking), service work to remove invasive plant species as well as time for bird watching (Elepaio nest in this area) and viewing native plants and endangered tree snails. Some areas along the trail have steep drop offs—this trip was not for the acrophobic!

Alice Roberts conducted four excursions to **Paiko Lagoon:** In April, **Farewell to Shorebirds** participants said aloha to the migratory shorebirds as they headed back to their summer homes. This was a great opportunity to view changing plumage patterns. In June, a **Summer Low-tide Walk** in the Lagoon was held at one of the year's lowest tides. In September, participants met on Kuli'ou'ou Road at the water's edge for a guided **Lagoon Walking Tour** of the birds and their habitat. In December, a **Night Low-tide Reef Walking Tour** of the Lagoon was held to see waterfowl and bioluminescent bobtail squid. Alice also conducted a **Hilton Hawaiian Village Bird Tour** in July, which met at the PENGUINS to tour the beautiful grounds with many aquatic birds and 10 fresh water ponds. In the Fall, Alice led a behind-the-scenes tour through the Bishop Museum's bird specimens.

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Hakipu'u Stream Restoration Work Day. In September, the kickoff of a two-year restoration project to remove invasive plants along the stream corridor, replant native species, and spread mulch was held. Volunteers met Kristen Mailheau at the Kualoa Ranch Education Center and brought gardening tools and bug spray and got wet and muddy, but had a productive good time.

Poamoho Ridge Trail Birding Hike. In October, Lance Tanino, from O'ahu Nature Tours, guided a birding hike through native forest up to the Ko'olau Summit. The trail was 3.5 miles each way and quite narrow. There were beautiful views of the Northeastern shores of O'ahu and Kahana and Punalu'u Valleys.

Manoa Cliff Trail Restoration Work Day. In November, participants learned about native birds, plants, other wildlife, and Hawaiian culture while hiking 1.5 miles to the restoration area with Brandon Stone and the Manoa Cliff Trail Restoration Project. They then helped rebuild the native forest by removing invasive plants and replacing them with native species.

On November 10th, Sheldon Plentovich led participants on a kayaking trip from Kailua Beach to the **Mokulua Islets Seabird Sanctuary** to discover the importance of Oahu's offshore islets, the seabirds that nest there, the threats they face, and why nesting seabirds are so important to terrestrial systems.

On December 2nd, an **Urban Bird Identification Workshop** was held in Kapiolani Park in preparation for the Society's annual Christmas Bird Count. Mike Ord and Pete Donaldson taught participants how to identify urban birds using sight and sound.

113th Annual Audubon Christmas Bird Count. Society members and friends participated in the longest running citizen science survey in the world, which provides critical data on population trends. All over the United States tens of thousands of people participate. Data from the over 2,000 circles are entered after the count and become available to query under the Data & Research link on the NAS website. From December 15th to January 5th, Society members and volunteers counted birds in Honolulu and Waipio on Oahu, Lanai, Molokai, Kealia Pond NWR and Hosmer's Grove on Maui, Kona and Volcano on Hawaii, and Waimea and Kapa'a on Kauai. The results will be officially announced later this year. The results of the 112th Count were published in the September/October issue of the *'Elepaio*.

Awards

Every year the Society presents two awards for outstanding research related to Hawaii's natural history at the Hawaii State Science & Engineering Fair. In 2012 the HAS Senior Division Research Award went to Gabrielle Desimone and Morgan Taylor for their project entitled "Coral Diseases". The HAS Award for outstanding Junior Division Research was presented to Amber Rogers for her research project entitled "MICONIA: the Beastly Beauty" (See the May/June *'Elepaio* for more details.)

In December, the Society held its annual members' meeting. In addition to announcing the newly elected officers and board members and enjoying the story of predation, eradication & recovery at the seabird colonies at Ka'ena Point Natural Area Reserve told by Lindsay Young and Eric Vanderwerf, the Society presented awards to individuals who have made significant contributions towards the protection of Hawaii's native species and habitat. (See *HAS Annual Membership Meeting and Awards Dinner 2012* by Wendy Johnson for a list of awards)

Finances and Fundraising

As the Society has slowly grown over the years the number of tasks needed to be accomplished began to outpace the time and ability of our volunteers. Accordingly, more and more tasks are now done professionally, including office management, bookkeeping, and the distribution of our peer-reviewed journal and educational products. Office Coordinator Meagan Rathjen was hired in May to manage member services and edit the *'Elepaio*. However, volunteers and donors still provide vital, critical and essential leadership, assistance and support to the Society.

We currently derive the majority of our operating and programmatic funding from membership dues, generous gifts, and sales of our educational products, which include our incomparable handbook, *Hawaii's Birds*, and its audio companion, *Voices of Hawaii's Birds* (2 vol. CD), *Treasurers of O'ahu* birding & family hiking map, *Hawaii's Rare & Endangered Birds* Art Collection greeting cards illustrated by Patrick Ching (pkg of 8), Van Zyle Nene lithograph print, 'Elepaio patches, check lists of the birds of Hawai'i, Micronesia, and the Mariana Islands, a field check card, and 'Elepaio, Kolea & Ruddy Turnstone "Akekeke" T-shirts.

In July, the Society held the 2nd Annual Shearwater Soiree, which included a presentation by Dr. Hyrenbach on the Shearwater monitoring program at the Freeman Seabird Preserve, a potluck dinner, and silent auction. It generated not only a good time for the participants, but funds to support the conservation work of the Society. We also received many generous donations and matching gifts from our members and benefactors, including an extraordinary legacy gift from Lynn R. Thomas, who grew up in Hawaii before moving to the mainland as a young adult. She was an ardent conservationist and lover of the outdoors, birds, and plants being her favorite. The Society will receive a stipend from her gift via the North Valley Community Foundation annually and we are very grateful.

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Scientific Editor: Glenn Metzler

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Hawai'i Audubon Society
850 Richards St, Suite 505
Honolulu, HI 96813
Phone: (808)528-1432

Email: hiaudsoc@pixi.com
www.hawaiiudubon.org

www.facebook.com/hawaiiudubonsociety

HAS Annual Membership Meeting and Awards Dinner 2012

By Wendy Johnson
HAS Executive Director

Hawaii Audubon Society members, friends and distinguished guests gathered December third at Eat Café in the Gentry Pacific Design Center for the Society's Annual Membership Meeting and Awards Dinner. HAS Board of Directors election results for 2013 were announced in opening remarks by Board President, Linda Paul, and Elections Committee member, Laura Sheehan. This year's event also featured a presentation about Ka'ena Point, a raffle, and the opportunity to receive a unique wildlife drawing by Ron Walker for those making a donation of \$30.00 or more to the Ron Walker Memorial Fund. Awards were presented to six notable individuals who were recognized for their contributions to the protection of Hawaii's wildlife and habitats.

Local conservationists Dr. Lindsay Young and Dr. Eric VanderWerf gave a fascinating presentation entitled "A Story of Predation, Eradication, and Recovery at one of Oahu's largest seabird colonies, Ka'ena Point Natural Area Reserve". Describing their investigations both before and after the construction of a predator-proof fence at Ka'ena Point, the two researchers used dramatic images to illustrate the challenges and successes of this project. Laysan Albatross and Wedge-tailed Shearwater breeding populations have sharply increased, native plants are flourishing, and basking monk seals are undisturbed now that mammalian predators are excluded from the Reserve. The integrity of the fence has been breached on occasion, so predator trapping and monitoring continues inside the fenced area. Double doors at the gates, meant to reduce the likelihood of accidental introduction of predators, have not always functioned reliably, but this problem has been corrected. Native flora and fauna are thriving at Ka'ena Point thanks to the fence construction and to the expertise and dedication of scientists like Dr. Young and Dr. VanderWerf.

The following Annual Awards for 2012 were presented with great appreciation from the Hawaii Audubon Society Board of Directors:

President's Award- For a public servant whose actions have had a major effect on conservation in Hawai'i: *Senator Les Ihara* is an accessible legislator with high integrity who fights for transparency and public involvement in the legislative process. He supports strict adherence to environmental and health protection laws, even for government agencies. Melissa Vomvoris accepted this award on behalf of Senator Ihara.

Environmental Advocate Award- For an individual who has made a major contribution to the legal defense of Hawaii's environment: *Mr. Paul Achitoff* is the Managing Attorney for Earthjustice who continues to defend the palila in the 9th circuit court in order to force state compliance with the existing order to eradicate mouflon sheep from the mamane forest on Mauna Kea.

Conservation Education Award-For an educator who includes and inspires a conservation ethic in the classroom: *Ms. Gail Grabowsky* is an enthusiastic science teacher at Chanimade College and the education representative on the NWHI Coral Reef

Ecosystem Advisory Council, serving as the chair of its Education Committee for many years.

Environmental Education Award-For an individual who has made major contributions to the process of informing people about Hawaii's environment and the need to protect it: *Michelle Jones* is the chair of the HEEA (Hawaii Environmental Education Alliance) and also the Information and Outreach Coordinator for DOFAW. She travels throughout the islands and works tirelessly to improve awareness and understanding of Hawaii's environmental issues.

Volunteer Service Award- For an individual whose hard work has furthered the Society's mission to protect wildlife and habitats: *Ms. Nicole Galaise* is a past Board member and dedicated volunteer who has energetically supported the Society's goals and answered the Society's needs. Nicole's experiences as a field researcher in the Northwest Hawaiian Islands make her an especially useful volunteer at the Freeman Seabird Preserve.

Program Research Award- For an individual who has made a significant scientific contribution to a program of the Hawaii Audubon Society: *Dr. David Hyrenbach* first visited the Freeman Seabird Preserve in 2008 and recognized a wonderful opportunity for conducting field research on the colony of Wedge-tailed Shearwaters nesting there. With the help of graduate students from HPU and other volunteers, Dr. Hyrenbach has been monitoring reproductive success, chick growth, and other variables for the past four years.

Big Island Volunteer Opportunity

HIKE, OUTPLANT, & CAMP at MAUNA KEA!

Join us at Pu'u Mali Restoration Area with the Mauna Kea Forest Restoration Project starting at 7:30am Monday, April 22 to 3:00pm Thursday, April 25. Volunteers will help protect the Palila by restoring fragile, native habitat on the northern slope of Mauna Kea! Camp out in an A-frame cabin for 3 nights, then hike and plant native species during the day. Transportation to and from the worksite from the airport is provided. This opportunity is free and open to the public. Please RSVP ASAP to Meagan at hiaudsoc@pixi.com or call 808-528-1432. Space is limited. Call or email for more details.

2012: Record breeding shearwater count at the Freeman Seabird Preserve

By K. David Hyrenbach, Assistant Professor of Oceanography, Hawai'i Pacific University, khyrenbach@hpu.edu
Wendy Johnson, HAS Executive Director

We briefly report on the ongoing monitoring and revegetation program at the Freeman Seabird Preserve, and provide updates on the findings from the 2012 breeding season and the plans for future monitoring, habitat restoration, and predator control at the colony.

2012 Update

This year we documented a new record number of Wedge-tailed Shearwaters (*Puffinus pacificus*, 'Ua'u kani) nesting at the Freeman Seabird Preserve. The yearly July 14 colony-wide census yielded 176 nests, substantially higher than previous counts in 2009 (106), 2010 (78) and 2011 (123). This record incubation nest count was followed by the highest post-hatching count of 162 nests in September 14, underscoring the increase in the number of active nests at the colony.

The demographic monitoring also revealed that 2012 was characterized by average conditions, similar to those documented in previous years (Hyrenbach 2011). Chick hatching dates spanned from July 31 to August 27, with a mean of August 14. When compared with the three previous years, hatching dates were significantly delayed in 2010 (Fig. 1A). There was a significant difference amongst years (One-way ANOVA, $F = 12.028$, $df = 3, 102$, $p < 0.001$), with post-hoc Tukey tests revealing that hatching occurred later in 2010 than in the other years (2009, 2011, 2012). Peak chick masses also varied from year to year (Fig. 1B) (One-way ANOVA, $F = 12.252$, $df = 3, 80$, $p < 0.001$), with post-hoc Tukey tests revealing that they were higher in 2011 than during the other years (2009, 2010, 2012).

In summary, these results suggest that 2012 was a "normal" year, with average phenology and chick provisioning, in the context of the last four years (2009 – 2012) (Fig. 1). Yet, the time series of weekly chick masses suggest that 2012 was a year of large contrasts (Fig. 2). There was substantial individual-level variability in chick provisioning, with the lowest (240 grams) and the highest (600 grams) peak masses recorded to date. Furthermore, the monitoring revealed high temporal

variability, with periods of mass gain and loss spanning from mid September to mid November. Together, these results suggest that some shearwater parents were having difficulties provisioning their chicks during the latter part of the season.

Overall, 2012 was a year of very high chick productivity at the reserve, with the monitoring data revealing 92.2% and 90.3% hatching and fledging success, respectively. There was no evidence

of predation, from either the monitoring of nests via cameras or visual checks. Thus, despite the suggestion of poor foraging during the late breeding season, the synergy of "normal" oceanographic conditions, that supported average breeding phenology and provisioning rates, and "good" conditions at the colony, with little loss of eggs and chicks, resulted in a year of high chick productivity.

Ongoing Efforts

This number of breeding shearwaters at the preserve is expected to continue to increase in the future, spurred by the habitat restoration and

the ongoing predator control. In particular, given that wedge-tailed shearwaters start returning to the colony at four years of age (Whittow 1997), the chicks fledged in the years after the creation of the preserve are expected to start recruiting during the next breeding season (2013-14). To accommodate this enhanced influx of chicks in the next few years, three ongoing efforts will continue in 2013: habitat restoration, colony monitoring and predator control.

Habitat Restoration: From January through March 2013, while the birds were at sea, Hawai'i Audubon Society members and other volunteers worked to remove alien plant species from the preserve and to maintain wedge-tailed shearwater burrows and nesting sites. Weekly fieldwork opportunities attracted a wide variety of participants, ranging from wildlife conservationists and scientists, to gardening enthusiasts, neighbors and young student groups. These efforts support the work done in 2011 and 2012 by professional native plant landscapers from Hui Ku Maoli Ola, who transformed a vacant house-lot into a unique example of pre-contact Hawaiian dryland coastal habitat with multiple shearwater nesting sites. Repeat volunteers have found it extremely satisfying to



A downy 2.5 month-old Wedge-tailed Shearwater chick being weighed as part of the weekly colony monitoring (Photo courtesy of Youngren & Rapp).

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witness, and contribute to, the resurgence of native Hawaiian coastal plants at the Freeman Seabird Preserve.

Colony monitoring: Population censusing and nest monitoring for phenology, chick growth and reproductive success will continue in 2013, starting with a colony-wide survey in July 14. These data will add to the ongoing time series started in 2009 (Fig. 1).

Predator Control: Rat-bait stations have been maintained at the site since 2008, augmented by infrared cameras managed by Pacific Rim Conservation (Young et al. 2012). Rodent control using bait stations in place from late March through early December 2012 appeared to be effective at reducing predation on nesting wedge-tailed shearwaters in the Preserve. While no cat predation was observed, the frequency of domestic cat visitation, as recorded by remote infrared cameras, continues to be a potential threat to the shearwater colony. (Young and VanderWerf 2012). Planning is in process for ongoing predator control during the 2013 nesting season at Freeman Seabird Preserve.

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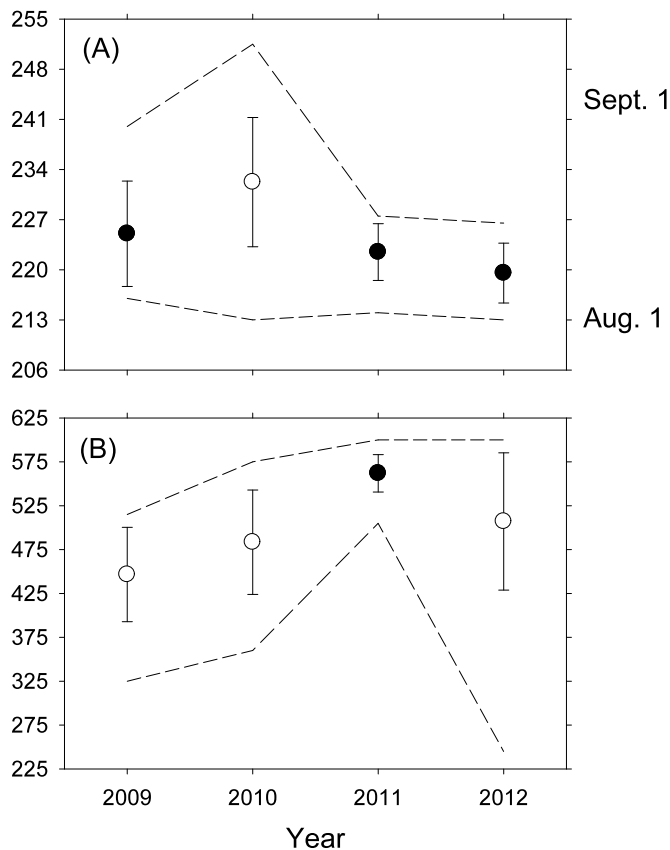


Figure 1. Time series of hatching dates (A) and peak chick masses (B) during four breeding seasons, showing the mean +/- SD (circles and error bars) and the range of values (hatched lines). The filled circles (black) denote significantly different years of delayed hatching (2010) and higher chick provisioning (2011).

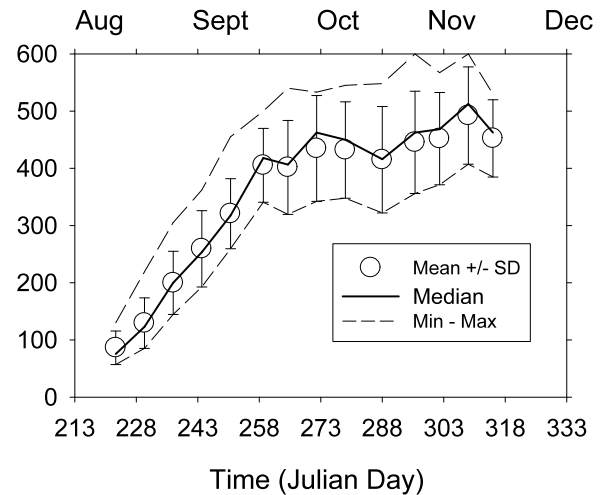


Figure 2. Time series of chick masses collected during the 2012 breeding season, showing the mean +/- SD, median and range of values (maximum - minimum). Sample size = 26 chicks.

Sunset and Shearwaters: Volunteer Appreciation Night! Saturday, March 16th from 5pm-Sunset

We want to say MAHALO NUI to all of our current (and future) volunteers at the Freeman Seabird Preserve for all of their hard work restoring native habitat to prepare for the Wedge-tailed Shearwaters to return to at the end of March.

Join us for a potluck and BYOB at the Freeman Seabird Preserve at Black Point. RSVP to hiaudsoc@pixi.com or call 808-528-1432.

Hawai'i Audubon Society Membership/Donation Form

- \$25 Regular Member
 \$15 Student Member
 \$40 Family Membership
 \$100 Supporting Member

- International Membership:
 \$28 Canada & Mexico
 \$33 Other

\$ ____ Donation

Donations are tax-deductable and greatly appreciated.

Name: _____

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Phone: _____ Email: _____

- E-mail me the 'Elepaio Mail me the 'Elepaio E-mail me volunteer opportunities, updates, & field trips.

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

Pay by credit/debit card at www.hawaiiadubon.org.

Please make checks payable to **Hawai'i Audubon Society**

Mail form and payment to 850 Richards St., Suite 505, Honolulu, HI 96813

Upcoming Field Trips, Volunteer Opportunities & Events

OAHU:

Habitat Restoration at Freeman Seabird Preserve Every Saturday in March, 9am to Noon

Help maintain native plants and remove invasive plants, trash, and debris. We will meet every Saturday at Triangle Park near Diamond Head at 8:45am to carpool to the site. Bring drinking water, and sun and rain protection.

Poamoho Ridge Trail Birding Tour Sunday, March 10th at 8:30am

Join Lance Tanino from O'ahu Nature Tours for a guided birding hike through native forest up the Ko'olau Summit. The trail is 3.5 miles each way and quite narrow. Meet at 8:30am in front of the Hawai'i State Library on Punchbowl St. Space is limited to how many 4x4 vehicles we can get. For more information or to RSVP contact Meagan at hiaudsoc@pixi.com or call 808-528-1432. Please indicate if you have access to a 4x4 vehicle.

Lyon Arboretum Habitat Protection Saturday, March 16th from 8:00am – 2:00pm

Lyon Arboretum, 3860 Manoa Road
Learn about high-threat invasive species, remove weeds, and help protect Oahu's unique ecosystems and native wildlife with the O'ahu Invasive Species Committee in partnership with Lyon Arboretum. Bring a daypack, water, lunch, raingear, and hiking shoes. Please RSVP at hiaudsoc@pixi.com or call 808-528-1432, as space is limited.

Sunset and Shearwaters: Volunteer Appreciation Night Saturday, March 16th from 5pm-sunset

We want to say MAHALO NUI to all of our volunteers at the Freeman Seabird Preserve for all of their hard work restoring the native habitat for the Wedge-tailed. Join us for a potluck and BYOB at the Freeman Seabird Preserve at Black Point. RSVP to hiaudsoc@pixi.com or call 808-528-1432.

Educational Talk: "Recovery Efforts for the Kiwikiu (Maui Parrotbill; *Pseudonestor xanthophrys*)

Friday, March 22nd at 6:30pm (location TBA)

Listen and learn from Hanna Mounce with the Maui Forest Bird Recovery Project on their efforts to recover the critically endangered Kiwikiu that is endemic to the Island of Maui. MFBRP team focuses on research and management of wild bird populations including demographics and genetic analyses as well as restoration efforts to expand the available habitat for this species. For questions contact hiaudsoc@pixi.com or 808-528-1432.

Paiko Lagoon Tour: Night Low-tide Reef Walk Saturday, March 23rd at 6:30pm

Ever wonder what happens in the ocean at night? Take a guided tour through Paikō Lagoon to see waterfowl and bioluminescent bobtail squid! Bring flashlights and contact Alice at 864-8122 to RSVP and for directions.

Paiko Lagoon Tour: Farewell to the Shorebirds Saturday, April 6th at 8am

Explore the lagoon while learning about Hawaii's visiting shorebirds. RSVP to Alice at 864-8122.

Party for the Planet at the Honolulu Zoo Saturday, April 20th from 10am-3pm

Celebrate Earth Day, explore the exhibits, and learn about conservation efforts across the Hawaiian Islands at the Honolulu Zoo in Waikiki located at 151 Kapahulu Ave. Free and open to the public.

Big Island:

Keauhou Bird Conservation Center Tour with the 'Alala Recovery Project Saturday, March 23rd, Time TBA

Tour the Keauhou Bird Conservation Center to see the 'Alala, learn about their research and release plan. For details and to RSVP contact Meagan at hiaudsoc@pixi.com or 808-528-1432.



HAWAII AUDUBON SOCIETY
850 RICHARDS ST, SUITE 505
HONOLULU, HI 96813-4709

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ELEPAIO '73:2 MARCH/APRIL 2013

Calendar of Events

Habitat Restoration at Freeman Seabird Preserve
Every Saturday in March, 9am to Noon

Lyon Arboretum Habitat Protection
Saturday, March 16th from 8:00am – 2:00pm

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Poamoho Ridge Trail Birding Tour
Sunday, March 10th at 8:30am

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Saturday, April 20th from 10am-3pm

Keauhou Bird Conservation Center Tour
Saturday, March 23rd, Time TBA

Pu'u Mali Restoration Outplanting
7:30am Monday, April 22 to 3:00pm Thursday, April 25

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