



**ALOHA ARBORIST ASSOCIATION
MEETING MINUTES –10/17/2018 – APPROVED
Dixie Grill, Aiea, HI**

Members in Attendance: Desiree Page, Andrew Kendall, Angela Liu, J Zambo,
Kainoa Holt

Guest: Corey Bassett

1. Call to Order and Approval of Meeting Minutes of 09/19/2018 - The meeting was called to order at 6:46 pm. The minutes were approved without changes.
2. Reports of Officers and Standing Committees
 - a) Treasurer's Report (Andrew Kendall) – Andrew's bookkeeper has started the audit process of completing forms needed to meet requirements for 501(c)3 status. There was a discussion in regards to other requirements needed for 501(c)3 status, especially drafting and passing by-laws, which will require a significant amount of work and time. The board approved the use of \$2,000 to develop the audit, and requested that a punch list of milestones be provided. Andrew will be providing progress reports, however the process may be six to twelve months.

Andrew also reported that he has received the AAA credit card. Ongoing AAA expenses, e.g. the Ooma monthly service, will be switched to the new credit card.
 - b) Research Committee (Chair: Dudley Hulbert)
 - i) Update on status of funding to Andy Kaufman – Tabled.
 - ii) Guidelines for Tree Care Near Manu-o-Kū (White Tern) Nest Sites (Angela Liu) – The grant agreement and other paperwork were finalized and AAA was given the green light to start the project. The project budget was circulated at the meeting – the grant award was for just under \$2,500, and matching resources of \$2,500 or more also are required to be applied to the project. Work needs to be completed by no later than June 2019, and Angela provided an overview of the process. A Steering Committee will help structure the Guidelines and project plan; a Working Group meeting will be conducted to solicit feedback for the Guidelines, and Working Group Meeting members will have the opportunity to review and comment on the draft Guidelines. The Honolulu Division of Urban Forestry has generously donated printing services, and the work products also will become available on online platforms. A document was distributed giving an overview of the manu-o-Kū, and online information on tree trimming near nest sites.
 - c) Training Committee (Chair: Andrew Kendall)
 - i) Aerial Rescue Training (Justin Donahue) – An AR Training was proposed for Maui. This will need support from climbers on Maui. It was agreed that Justin will go on behalf of AAA, and while there he will aim to train Doug Tochtrop to lead trainings on Maui in the future. Aerial lift equipment has been secured, and the board approved to cover Justin's flight and hotel expenses as well as a training fee, but not vehicle rental.
 - ii) Beginner Chainsaw Safety Workshop (Dudley Hulbert) – Tabled.
 - d) Tree Jamboree Committee (Chair: Andrew Kendall) – Hawaii Island, February 16th and 17th, 2019 – This event will be conducted according to International Tree Climbing Championship (ITCC) rules. It requires more planning and an application process, but it will also make it possible to qualify for insurance coverage by WCISA. There are a number of aspects of this event to be planned and coordinated, including selection of an event site (to be done with Tree Works), development of a timeline, registration limits, and others. Andrew requested that a call for volunteers be sent out by email.
3. Reports of Special Committees

- a) LICH Annual Conference, Wed. October 10th 2018, Blaisdell Exhibition Hall (Sergio Vasquez) – Tabled.

4. Unfinished Business and General Orders

- a) Autumn Volunteer Workday (J Zambo, Dudley Hulbert) – The event will take place either November 10th or 17th. J would like to have an email sent out to recruit volunteers.
- b) Proposed Changes to AAA Website (Desiree Page) – AAA's website and email addresses have been moved to a secure server with Infoquest. Desiree is coordinating account access for board members with email accounts.

The data limit for our email addresses is capped at 100MB on the new server. Desiree proposed that AAA change to a 2GB plan with an annual cost of \$108. It was agreed that this would be acceptable.

5. New Business

- a) Maui Green & Beautiful Request for Sponsorship of Malama the Trees Workshop 11/10/18 (Angela Liu) – This is MB&G's 8th year holding this event. The agenda was passed around for the board's review. AAA has traditionally sponsored the event with a donation of \$100, and the board approved to do so again this year.
- b) CTAHR Agriculture and Environmental Awareness Day Fri & Sat, Feb. 8th & 9th, 2019 (Angela Liu) – This event is on Oahu. On Friday, fifth and sixth graders are invited to attend talks in small groups; on Saturday, the public is invited to visit exhibits by DOFAW, Department of Agriculture, and others. Desiree has volunteered for Friday, and Kai will be there on Saturday. We will continue to recruit more volunteers for this event.

6. Announcements

- a) The calendar of events was reviewed (event details are available on AAA's website):
 - ***Arbor Day Honolulu Festival and Tree Giveaway Events*** – Saturday 11/03/18
 - ***CES 90th & 4H 100th Celebration*** - Wed. 11/07/18, Ala Moana Hotel. <https://uhces.weebly.com> to register by 10/26/18. 956-8139.
 - ***8th Annual Malama the Trees Educational Workshop*** – November 10th, 2018, 8am – 5pm, free, no advance registration needed. Organized by Maui Green and Beautiful and co-sponsored by AAA. CEUs available. <http://www.mauibeautiful.org/events/list/>
- b) ***The next monthly meeting was moved to avoid conflicting with Thanksgiving. Please join us: November 14th, 2018, 6:30pm – Last Meeting of 2018!***

7. Adjournment – The meeting adjourned at 8:52 p.m.

Respectfully submitted,

Angela Liu

HANDOUT



White tern – manu-o-Kū

Gygis alba (JYE-jis)

Protected Status

IUCN Red List, MOK is listed as a species of “Least Concern.” The birds are protected by the Federal Migratory Bird Treaty Act (MBTA), and Hawaii state lists the species as threatened.

Distribution

With a pantropical distribution, MOK is a pelagic and epipelagic bird, living along coastlines and moving onshore to breed. In Hawaii, they are present (nesting?) only on Oahu and in the Northwestern Hawaiian Islands (DLNR Appendix A: Fauna of Greatest Conservation Need). In 2005, populations were estimated at 7,500 breeding pairs on Midway, 5,000 pairs on Nihoa, 1,000 pairs on Laysan, and 250 pairs on Oahu. Worldwide, populations are believed to be greater than 100,000 breeding pairs. Oahu’s first breeding pair was observed in 1961. In 2018, Oahu has over 1,400 nest sites in nearly 1,000 trees.



Biology

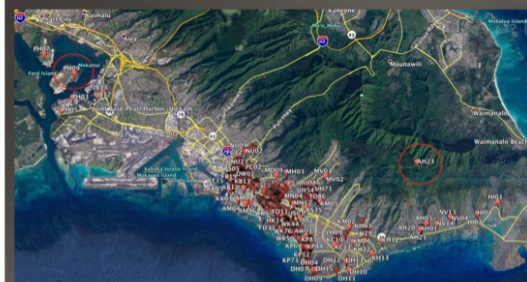
MOK is not actually a tern, but is more closely related to noddies. Long-lived, with individuals recorded to live 42 years. Pairs remain together for several seasons. MOK typically remain near their breeding colonies year-round, and seldom venture far from shore.

Nesting Habits

Nest siting – Breeding pairs often return to the same nest site year after year. Throughout its range, nests are usually found in trees on small branches. Nests also are found on rocky ledges and man-made structures, and occasionally on the ground. MOK uses no nesting material, laying a single egg directly onto its chosen nest site. (This species has a higher than normal rate of egg loss and chick mortality during strong wind events compared to other similar bird species.)

Timing – In Hawaii, breeding is year-round but most eggs are laid between February and June. Some pairs will raise 2-3 broods per year, both parents incubating, brooding and feeding the chick. Fledglings remain dependent on adults for up to two months. (CWCS 20015 Oct)

Notable Recent Additions to the WHITE Breeding Range Map



Hui Manu-o-Kū, Richard Downs (2018)

Cultural

MOK named Honolulu's official bird in 2007; BBC Nature filming; Maxivision USA program for Japanese TV; Susan Scott's book to be published 2018 November; MOK a tourist attraction in Waikiki.

Conservation Actions

Per *Hawaii's Comprehensive Wildlife Conservation Strategy* (2005), the state's management goal with respect to AAA's project is to "maintain, protect and enhance habitat." Hui Manu-o-Kū identifies the protection of active nesting sites from disruptive tree trimming as one of its objectives.

HUI MANU-O-KŪ WEBSITE (Accessed on 09/19/18)

Tree Trimming Information

Tree trimmers have a delicate relationship with manu-o-Kū. If trimming isn't done with care, branches that host a nest may be lost. A chick that falls from its nest to the ground will likely die because either the parents won't be able to care for it or it may be attacked by a predator. However, tree trimming can actually be beneficial to manu-o-Kū. Trimming can lead to a scar or cup to be formed in the branch. This creates an ideal nesting site that will protect the egg and chick. Keeping a tree trimmed can also make it easier for adults to fly in and out of the tree. Tree trimming may be one explanation for why there are so many manu-o-Kū in Honolulu, but it must be done with the utmost care to ensure no nesting sites are being destroyed.

Tree trimming tips for arborists and homeowners

- Before trimming a tree, inspect the canopy for manu-o-Kū, inspect the ground for entirely white droppings (looks like white paint splatter) or white feathers and listen for vocalizing terns. If you see a bird, egg or chick in the tree or signs that they may nest in that tree, trimming should be delayed.
- Wait 80-90 days from the time an egg is laid or discovered or 35-45 days from the time an egg hatched/chick is discovered before rechecking the tree.
- Do not plan to trim trees that are likely to host a manu-o-Kū during the busiest part of their breeding season. While they can nest at any time of the year, their busiest part of their breeding season is January to June with a peak in March. Large projects should wait until the end of the year to minimize impacts on manu-o-Kū.
- If a tree needs to be removed, it may be done and should be done at any time that it is not occupied by an egg or chick.
- The most common trees in Honolulu that manu-o-Kū nest in are Kukui, Shower Tree, Monkeypod, Mahogany and Banyans.
- If a chick is found on the ground, or an injured manu-o-Kū is found, please refer to the [Injured and Abandoned bird page](#).
- If you would like assistance in determining if a manu-o-Kū is nesting in a tree or area, you may [contact us](#). A member of the Hui Manu-o-Kū would be more than happy to assist you.

Use our manu-o-Kū Nest Map to find specific trees that host nests

Before heading out to a project, or even on site, you can use [this map](#) to identify specific trees that are hosting, or have hosted, manu-o-Kū nests. Please be aware that the Nest Map cannot account for every nest in Honolulu. There will be nests that we don't know about so make sure to carefully inspect every tree. If you do find an undocumented nest, please tell us about it [here](#).

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