



ALOHA ARBORIST ASSOCIATION
April 18th, 2018, 6:30pm
ANNUAL MEETING & ELECTION
Location: Gordon Biersch, Aloha Tower Marketplace
1 Aloha Tower Dr. #1123, Honolulu, HI 96813

1) Call to Order and Approval of Meeting Minutes of 01/17/18, 2/21/18, 3/21/18

2) Old Business

- a) Research Committee (Chair: Dudley Hulbert)
- b) ISA Certified Arborist / Tree Worker Exams, Saturday 04/14/2018 (Desiree Page)
- c) Hui Manu-o-Kū Collaboration with AAA – Bird Banding Project (Angela Liu)
- d) Summer Volunteer Workday (Dudley Hulbert)
- e) Aerial Rescue Training, August 2018 (Andrew Kendall)
- f) WCISA Regional Conference in Hawai‘i, August-September 2018 (Angela Liu)
- g) Proposed Hawai‘i Tree Jamboree 2019 on Big Island (Andrew Kendall)
- h) Chainsaw Safety Workshop, Beginner Level (Dudley Hulbert)
- i) Proposed Certified Tree Worker Exam Prep Course (Andrew Kendall)
- j) ISA Publications order (Carol Kwan)
- k) Treasurer’s Report (Desiree Page)

3) New Business

a) Election of AAA officers and board members 2018-2019 (J Zambo)

President	Desiree Page	Past President	J Zambo
Vice President	Sergio Vasquez	Director	Dudley Hulbert
Treasurer	Desiree Page	Director	Andrew Kendall
Secretary	Angela Liu	Director	Justin Donahue

b) Pest of the Month – Banyan stem gall wasp (*Agaonidae* (fig wasp) family, *Josephiella* sp.)

Description: A gall wasp from the same genus as the Ficus leaf gall wasp (*Josephiella microcarpae*). This black wasp, about 1/16th inch (2mm) in length, was first discovered in Hawaii and has yet to be named (as of 2016).

Distribution as of 2012: Oahu (widespread), Hawaii Island (Hilo), Maui (Kahului, Wailuku)

Symptoms and Damage: Following oviposition in young stems and twigs, larvae hatch, feed and pupate inside the twig, causing swelling and gall formation; adults tunnel out leaving an exit hole. Some leaf drop, twig dieback, thinning. Degree of damage is difficult to separate from other pests infesting banyans, though it can contribute to tree death.

Control: Trunk injection of emamectin benzoate persisted against stem gall wasps for up to 14 months in pesticide trials. Phosphorous acid applications did not demonstrate any added benefits.

Selected References:

- Bhandari, Bishnu P., and Zhiqiang Cheng, “Trunk injection of systemic insecticides to control stem and leaf gall wasps, *Josephiella* species (Hymenoptera: Agaonidae), on Chinese banyan (Rosales: Moraceae) in Hawaii.” *Florida Entomologist* (2016 June), 99(2):172-177 (<http://www.bioone.org/doi/abs/10.1653/024.099.0203>)
- Hawaii Department of Agriculture, Plant Pest Control Branch, “Banyan Stem-Galling Wasp, a New Insect in Hawaii,” 08/28/2012.

c) LICH Annual Conference: Education, The Key to Success – Request for Speakers / Arborist/Contractor Track (Sergio Vasquez)

4) Announcements

- a) WCISA Annual Conference April 23-26, 2018 – Santa Rosa, CA
- b) **Please join us on:**

April 18th, 2018, 6:30pm – Annual Meeting – Gordon Biersch, Honolulu

5) Adjournment