**Andrea M. Kawabata**

**College of Tropical Agriculture and Human Resources**

**Tropical Plant and Soil Sciences**

100% E

**Education**

|  |  |  |
| --- | --- | --- |
| **Degree** | **University** | **Major** |
| Bachelors | University of Hawaii at Hilo | Agriculture with Concentration in Tropical Horticulture and Certificate in Plant Tissue Culture |
| Masters | University of Hawaii at Manoa | Tropical Plant and Soil Sciences |
|  |  |  |

**Professional Appointments**

|  |  |  |
| --- | --- | --- |
| **Title** | **Employer** | **Dates Employed** |
| Extension Agent (A5)  Associate Extension Agent (A4)  Assistant Extension Agent (A3) | University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources  University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources  University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources | August 1, 2021 to current  August 1, 2016 to July 31, 2021  October 10, 2011 to July 31, 2016 |

**Publications (reverse chronological order)**

Conference Proceedings

1. Burt, J., **A.M. Kawabata**, M. Miyahira and A. Cho (editors). 2019. Proceedings: 2018 coffee berry borer conference. Honolulu (HI): University of Hawaii. 21p. (Insect Pests Series). <http://www.ctahr.hawaii.edu/oc/freepubs/pdf/CBB_Conference_2018_Proceedings.pdf>

Refereed Journal Publications

1. LeMay G.A., **Kawabata A.M.**, Curtiss RT. (2022). Statewide Survey of Insects found on Coffee in Hawaii. *Proc. Entomol. Soc. Hawaii.* 54: 41-52.
2. Keith, L.M., Sugiyama, L.S., Brill, E., Adams, B.L., Fukada, M., Hoffman, K.M., Azama, B.N., **Kawabata, A**., Kong, A.T., McKemy, J.M., Olmedo-Velarde, A., and Melzer, M.J. (2021). First report coffee leaf rust caused by *Hemileia vastatrix* on coffee in Hawaii. *Plant Disease*. <https://doi.org/10.1094/PDIS-05-21-1072-PDN>.
3. Woodill, J.A., S.T. Nakamoto, **A.M. Kawabata** and P.S. Leung. (2021). Optimal spraying strategy to combat coffee berry borer: A dynamic approach. *Journal of Agriculture and Food Research*, 4, <https://doi.org/10.1016/j.jafr.2021.100125>.
4. Brill, E., P.A. Follett and **A.M. Kawabata**. (2020). Feeding habits, movement, and reproduction of the predatory flat bark beetles *Cathartus quadricollis* (Coleoptera: Silvanidae) and *Leptophloeus* sp. (Coleoptera: Laemophloeidae) in Hawaii coffee and macadamia nut. *International Journal of Tropical Insect Science*. <https://doi.org/10.1007/s42690-020-00205-9>.
5. Myers, R., **A. Kawabata**, A. Cho and S.T. Nakamoto. (2020). Grafted coffee increases yield and survivability. *HortTechnology,* 30(3), 428-432. DOI: 10.21273/HORTTECH04550-20. <https://journals.ashs.org/horttech/view/journals/horttech/30/3/article-p428.xml>

Extension Publications

1. **Kawabata, A.M.**, M. Miyahira, and S.T. Nakamoto. (in press). Germinating *Coffea liberica* rootstock seedlings for grafting and coffee root-knot nematode tolerance. Honolulu (HI): University of Hawaii. 6 pp. (Plant Disease).
2. **Kawabata, A.M**., J. Uyeda, M. Miyahira, R. Gutierrez-Coarite, S. Sand, and S.T. Nakamoto. (2022). Sprayer calibration with handheld sprayer systems for orchard crops. Honolulu (HI): University of Hawaii. 13 pp. (Pesticide Risk Reduction Education, PRRE-10). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PRRE-10.pdf>.
3. **Kawabata, A.M.**, J. Uyeda, M. Miyahira, R. Gutierrez-Coarite, S. Sand, and S.T. Nakamoto. (2022). Sprayer calibration spreadsheet for handheld sprayer systems for orchard crops. Honolulu (HI): University of Hawaii. (Pesticide Risk Reduction Education). <http://www.ctahr.hawaii.edu/oc/freepubs/spreads/Sprayer-Calibration-5.0.xlsx>.
4. **Kawabata, A.M.**, S. Sand, S. Antonini, B. Chase, S. Shulin, and S.T. Nakamoto. (2022). Questions and answers on crop insurance for Hawaii Coffee. Honolulu (HI): University of Hawaii. 10 pp. (Plant Disease; PD-127). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PD-127.pdf>.
5. **Kawabata, A.M.,** S. Wages, and S.T. Nakamoto. (2022) Pruning methods for the management of coffee leaf rust and coffee berry borer in Hawaii. Honolulu (HI): University of Hawaii. 9 pp. (Plant Disease; PD-126). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PD-126.pdf>.
6. Baur M.E., **Kawabata A.M.**, Nakamoto S.T., Shriner S., and Elliott S. (2022). National Pest Alert: Coffee leaf rust*Hemileia vastatrix.* North Central IPM Center.
7. Kawabata, A.M. (2021). Coffee leaf rust: A new coffee disease in Hawaii – trifold brochure. Honolulu (HI): University of Hawaii. p. 2. <https://www.hawaiicoffeeed.com/clrtrifold.html>.
8. **Kawabata, A.M.** and R. Gutierrez. (2021). Coffee leaf rust: A new coffee disease in Hawaii – poster. Honolulu (HI): University of Hawaii. <https://www.hawaiicoffeeed.com/clrposter.html>. Available in Spanish, Ilocano and Tagalog.
9. **Kawabata, A.M.** and S.T. Nakamoto. (2021). Pambobomba Upang Sugpuin ang Kalawang ng Kape (Hemileia vastatrix) Dito sa Hawaii. Honolulu (HI):University of Hawaii. p. 6. (Plant Disease; PD-122 in Tagalog). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PD-122.pdf>.
10. **Kawabata, A.M.** and S.T. Nakamoto. (2021). Panagpasuyot Tapnon Malappedan ti Lati ti Bulong ti Kape (*Hemileia vastatrix*) ditoy Hawaii. Honolulu (HI):University of Hawaii. p. 6. (Plant Disease; PD-121 in Ilocano). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PD-121.pdf>.

## Kawabata, A.M., R. Gutierrez-Coarite, and S.T. Nakamoto. (2021). Pulverización para suprimir la roya del café (*Hemileia vastatrix*) en Hawai. Honolulu (HI): University of Hawaii. p. 7. (Plant Disease; PD-120). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PD-120.pdf>.

## Kawabata, A.M. and S.T. Nakamoto. (2021). Spraying to suppress coffee leaf rust (Hemileia vastatrix) in Hawaii. Honolulu (HI): University of Hawaii. p. 6. (Plant Disease; PD-118). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/PD-118.pdf>.

1. **Kawabata, A.M.**, S.T. Nakamoto, L. Keith, and D. Oishi. (2020).Surveying, sampling, and monitoring of coffee leaf rust (*Hemileia vastatrix*) for early disease control in Hawaii. University of Hawaii. p. 15. <https://www.hawaiicoffeeed.com/clrmonitorenglish.html>.
2. Gutierrez-Coarite, R., **A. Kawabata**, A. Cho, J. Mollinedo, and M.G. Wright. (2020). Macadamia nut orchard modification strategies for reducing macadamia felted coccid (*Eriococcus ironsidei*) populations in Hawaii. Honolulu (HI): University of Hawaii. p. 8. (Insect Pests; IP-48). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/IP-48.pdf>.
3. **Kawabata, A.M.**, S.T. Nakamoto, M. Miyahira and R.T. Curtiss. (2020). Recommendations for coffee berry borer integrated pest management in Hawaii 2020. Honolulu (HI): University of Hawaii. p. 26. (Insect Pests; IP-47). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/IP-47.pdf>.
4. **Kawabata, A.M.**, S.T. Nakamoto, A. Cho, and R. Myers. (2019). A pictorial guide to coffee grafting. Honolulu (HI): University of Hawaii. 9p. (Fruit, Nut & Beverage Crops; F\_N-54). <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/F_N-54.pdf>
5. Woodill, J.A., S.T. Nakamoto, **A.M. Kawabata**, S. Arita and P.S. Leung. (2019). The impact of CBB on the economics of coffee production in Hawai‘i: 2007–2012 USDA census analysis. Honolulu (HI): University of Hawaii. 12p. (Insect Pests; IP-46). <http://www.ctahr.hawaii.edu/oc/freepubs/pdf/IP-46.pdf>.

**Conference Presentations – National**

1. Church, S.S., J.L. Deenik, S.E. Crow, T.M. Maaz, J. Rivera-Zayas, A.M. Kawabata, J.H.S. Silva, J.Y. Uyeda, D.R. Sotomayor-Ramirez. 2002. “Farmer-driven Implementation of Soil Health Management Systems (SHMS) Adapted to Diverse Cropping Systems in Tropical and Subtropical Island Environments” presented by Church at the 77th Soil and Water Conservation Society International Annual Conference, Denver, Colorado. August 1, 2022. (Poster presentation). <https://www.swcs.org/static/media/cms/22ACPosterPresentations_082FADBA05389.pdf>.
2. **Kawabata, A.M.**, M. Miyahira, S.R. Sand, and S.T. Nakamoto. 2022. “Managing the Risks from Coffee Leaf Rust, a New and Devastating Disease Affecting Hawaii Coffee Producers” presented at the 2022 Extension Risk Management Education National Conference, Omaha, Nebraska. 30 March 2022. (Poster presentation). <https://agrisk.umn.edu/Conferences/Presentation/managing_the_risks_from_coffee_leaf_rust_a_ne>.
3. Uyeda, J., **A.M. Kawabata**, M. Miyahira, S. Sand, and S.T. Nakamoto. 2022. “Developing Sprayer Calibration Tools for Coffee and Orchard Crop Farmers that Reduce their Production and Legal Risks” presented by Uyeda at the 2022 Extension Risk Management Education National Conference, Omaha, Nebraska. 30 March 2022. (Poster presentation). <https://agrisk.umn.edu/Conferences/Presentation/developing_sprayer_calibration_tools_for_coff>.
4. Sand, S., **A.M. Kawabata**, J. Uyeda, M. Miyahira, and S.T. Nakamoto. 2022. “Building Capacity to Educate and Develop Awareness of Risk Management and Crop Insurance Among Hawaii’s Underserved Producers and the Challenges of COVID” presented by Sand at the 2022 Extension Risk Management Education National Conference, Omaha, Nebraska. 30 March 2022. (Poster presentation). <https://agrisk.umn.edu/Conferences/Presentation/building_capacity_to_educate_and_develop_awar>.
5. Nakamoto, S.T., S.R. Sand and **A.M. Kawabata**. 2020. “Managing a Production Risk for Coffee Growers in Hawaii” prepared for the 2020 Extension Risk Management Education National Conference, Denver, Colorado. 1-2 April 2020. (Poster presentation). Event canceled due to COVID-19. <https://agrisk.umn.edu/Conferences/Presentation/managing_a_production_risk_for_coffee_growers>.
6. **Kawabata, A.M.**, J. Burt, M. Miyahira, and S.T. Nakamoto. 2019. “Impacts of Hawai‘i’s Coffee Berry Borer IPM Program” presented at American Society for Horticultural Science Annual Conference, Waikoloa, Hawaii. 25 July 2019. (Poster Presentation).

Creative Works (i.e., Extension Videos, Websites, Blogs, Creative Designs and Exhibitions, etc.)

**Extension Videos**

[Kona Extension YouTube Account](https://www.youtube.com/channel/UC8pf1heM57lArMBpl8kkmOg) – 35 videos of recorded presentations and creative works on crop insurance and record keeping, mango research and production in Hawaii, coffee berry borer research and management, coffee leaf rust research and management, proper and safe pesticide use, the Federal worker protection standard, and the HDOA’s CBB and CLR pesticide subsidy program.

**Extension Websites and Social Media**

[HawaiiCoffeeEd.com](file:///E:\Andrea\CV\hawaiicoffee.weebly.com) – website created by A.M. Kawabata in April 2014 and hosted by Kawabata and M. Miyahira. Provides industry and Extension with coffee and coffee berry borer information as well as agricultural events and announcements for coffee and orchard crop growers.

UH CTAHR Hawaii County Calendar – Google calendar and use guidelines created by A.M. Kawabata, A. Cho and J.B. Friday and launched on June 21, 2016 for Hawaii County Extension faculty and staff to promote hosted or co-hosted outreach events. This calendar brings awareness of events taking place on the Big Island and allows 33+ faculty and staff to sync the CTAHR Hawaii County calendar with their personal or work calendars.

[ctahrmacadamia.weebly.com](file:///C:\Users\anj\Downloads\ctahrmacadamia.weebly.com) - website created by S.A. Wages and hosted by Wages and A.M. Kawabata with macadamia nut crop information for industry and Extension.

[www.facebook.com/kona.orchardcrops](file:///C:\Users\anj\Downloads\www.facebook.com\kona.orchardcrops) – Kona Orchard Growers Facebook page created in 2013 by A.M. Kawabata with coffee and orchard crop events, information, activities, and photos.

**Extension Newsletter**

Postings, past newsletters, and sign-ups for receiving newsletters is at <https://www.hawaiicoffeeed.com/events-and-announcements>.

**Outreach Events, Booths and Displays for Coffee and Orchard Crop Producers (2019 to current)**

1. 43 events in 2022
2. 50 events in 2021
3. 21 events in 2020
4. 24 events in 2019

**Direct and Indirect Contacts**

**Farm Direct Indirect Workshop/Conf/Field Day**

**Annual Visits Contacts Contacts Participants Participants**

**Average** 52 2000+ 4000+ 800+ 200+

Total number of coffee and orchard crop program contacts (as of 08/29/22): 1,692

**Grant Support**

Title of Grant: Developing an Efficient Breeding Pipeline for Producing CLR-Resistant Coffee Cultivars and Maintain Unique Quality

Source of Grant: HDOA

Total Dollar Value (Your share of the grant value): $127,500 of $1.82M

Dates of Grant: 09/01/22 – 08/31/26

Role (PI, CoPI): Co-PI

Title of Grant: Hawaii Coffee Producer Pesticide Education for the Management of Coffee Leaf Rust

Source of Grant: HDOA

Total Dollar Value (Your share of the grant value): $28,226

Dates of Grant: 06/15/22 – 06/14/23

Role (PI, CoPI): PI

Title of Grant: Extension and Outreach for Coffee Leaf Rust

Source of Grant: HDOA

Total Dollar Value (Your share of the grant value): $61,750

Dates of Grant: 04/16/21 – 04/15/22

Role (PI, CoPI): PI

Title of Grant: Coordinated Approach to Coffee Leaf Rust

Source of Grant: USDA-SCRI-CAP

Total Dollar Value (Your share of the grant value): $549,289 of $6.07M

Dates of Grant: 09/01/21 – 08/30/25

Role (PI, CoPI): Co-PI

Title of Grant: Rapid Response to Coffee Leaf Rust

Source of Grant: FFAR-ROAR

Total Dollar Value (Your share of the grant value): $30,000 of $150,000

Dates of Grant: 01/15/21 – 01/14/22

Role (PI, CoPI): Co-PI

Title of Grant: Reducing Spread, Risk, and Loss by Coffee Leaf Rust, a New and Devastating Pathogen Affecting Hawaii Coffee and its Underserved Producers

Source of Grant: Western Extension Risk Management Education Center

Total Dollar Value (Your share of the grant value): $99,981

Dates of Grant: 04/01/21- 09/30/22

Role (PI, CoPI): PI

Title of Grant: Producer-driven Implementation of Soil Health Management Systems Adapted to Diverse Cropping Systems in Tropical and Subtropical Island Regions

Source of Grant: USDA NRCS Environmental Quality Incentives Program Conservation Innovation Grants On-Farm Conservation Trials

Total Dollar Value (Your share of the grant value): $1,984,441

Dates of Grant: 01/01/21-12/31/23

Role (PI, CoPI): Co-PI

Title of Grant: Plant Safety, Horticultural Benefits, and Disease Efficacy of Essential Oils for Use in Organically Grown Fruit Crops: From the Farm to the Consumer

Source of Grant: USDA NIFA Organic Agriculture Research and Extension Initiative

Total Dollar Value (Your share of the grant value): $100,000 of $1,999,317

Dates of Grant: 09/01/20-8/30/24

Role (PI, CoPI): Co-PI

Title of Grant: Building Capacity to Educate and Develop Awareness of Risk Management and Crop Insurance Among Hawaii’s Underserved Producers

Source of Grant: Western Extension Risk Management Education

Total Dollar Value (Your share of the grant value): $55,000

Dates of Grant: 06/01/20-11/30/21

Role (PI, CoPI): Co-PI

Title of Grant: Increasing the Production of Yellow Potatoes in Hawaii

Source of Grant: HDOA

Total Dollar Value (Your share of the grant value): $19,999

Dates of Grant: 10/01/19-09/30/20

Role (PI, CoPI): Co-PI

Title of Grant: Increasing Educational Outreach Opportunities for Hawaii Coffee Growers on Coffee Root-knot Nematode Awareness and Management

Source of Grant: UH CTAHR Statewide IPM Project-USDA NIFA

Total Dollar Value (Your share of the grant value): $5,000

Dates of Grant: 06/01/19-08/31/20

Role (PI, CoPI): Co-PI

Title of Grant: East Hawaii Cacao Variety Trial

Source of Grant: UH CTAHR

Total Dollar Value (Your share of the grant value): $13,000

Dates of Grant: 12/20/18-06/30/19

Role (PI, CoPI): Co-PI

Title of Grant: Management of Coffee Root-knot Nematode

Source of Grant: Hawaii Department of Agriculture

Total Dollar Value (Your share of the grant value): $39,985

Dates of Grant: 01/14/19-01/13/20

Role (PI, CoPI): Co-PI

**Conference and Extension Presentations – Foreign and National (2019 to current)**

Title: Farmer-driven Implementation of Soil Health Management Systems (SHMS) Adapted to Diverse Cropping Systems in Tropical and Subtropical Island Environments

Authors (put an asterisk on the presenter): Church, S.S.,\* J.L. Deenik, S.E. Crow, T.M. Maaz, J. Rivera-Zayas, **A.M. Kawabata**, J.H.S. Silva, J.Y. Uyeda, D.R. Sotomayor-Ramirez

Name of Conference: 77th Soil and Water Conservation Society International Annual Conference

Location: Denver, Colorado

Date of Presentation: 1 August 2022

Title: Managing the Risks from Coffee Leaf Rust, a New and Devastating Disease Affecting Hawaii Coffee Producers

Authors (put an asterisk on the presenter): **Kawabata, A.M.\***, M. Miyahira, S.R. Sand, and S.T. Nakamoto

Name of Conference: 2022 Extension Risk Management Education National Conference

Location: Omaha, Nebraska

Date of Presentation: 30 March 2022

Title: Developing Sprayer Calibration Tools for Coffee and Orchard Crop Farmers that Reduce their Production and Legal Risks

Authors (put an asterisk on the presenter): Uyeda, J.\*, **A.M. Kawabata**, M. Miyahira, S. Sand, and S.T. Nakamoto

Name of Conference: 2022 Extension Risk Management Education National Conference

Location: Omaha, Nebraska

Date of Presentation: 30 March 2022

Title: Building Capacity to Educate and Develop Awareness of Risk Management and Crop Insurance Among Hawaii’s Underserved Producers and the Challenges of COVID

Authors (put an asterisk on the presenter): Sand, S.\*, **A.M. Kawabata**, J. Uyeda, M. Miyahira, and S.T. Nakamoto

Name of Conference: 2022 Extension Risk Management Education National Conference

Location: Omaha, Nebraska

Date of Presentation: 30 March 2022

Title: Managing a Production Risk for Coffee Growers in Hawaii

Authors (put an asterisk on the presenter): Nakamoto, S.T., S.R. Sand, and **A.M. Kawabata**

Name of Conference: 2020 Extension Risk Management Education Conference

Location: Denver, Colorado (cancelled, but located [online](https://agrisk.umn.edu/Conferences/Presentation/managing_a_production_risk_for_coffee_growers))

Date of Presentation: 1-2 April 2020

Title: Impacts of Hawai‘i’s Coffee Berry Borer IPM Program

Authors (put an asterisk on the presenter): **Kawabata, A.M.\***, J. Burt, M. Miyahira, and S.T. Nakamoto

Name of Conference: American Society for Horticultural Science Annual Conference

Location: Tropicana Las Vegas, Nevada

Date of Presentation: 21-25 July 2019

**Invited Conference and Extension Presentations – Hawaii (2019 to current)**

Title: Updates on Coffee Berry Borer and Coffee Leaf Rust Management

Authors (put an asterisk on the presenter): **Kawabata, A.M.**\*, M. Miyahira, and L. Keith

Name of Conference: HDOA Pesticides Branch Winter Workshop

Location: Online via Zoom

Date of Presentation: 15 November 2022

Title: UH-CTAHR Coffee Research and Extension Update 2021-2022

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: Hawaii Coffee Association Conference

Location: Outrigger Kona Resort and Spa, Keauhou, HI

Date of Presentation: 20 May 2022

Title: Updates on Coffee Leaf Rust and its Management

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: 0126 Virtual Invasive Pest Mini Conference

Location: Online via Zoom

Date of Presentation: 26 January 2022

Title: UH-CTAHR’s Cooperative Extension: Coffee and Orchard Crop Outreach Program

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: Kona Rotary Club

Location: Online via Zoom

Date of Presentation: 25 January 2022

Title: Coffee Leaf Rust (CLR) Management

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: IPM Grower Update Virtual Mini-Conference

Location: Online via Zoom

Date of Presentation: 28 September 2021

Title: UH-CTAHR Coffee Research and Extension Update 2020-2021

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: Hawaii Coffee Association Annual Conference

Location: Online via Demio

Date of Presentation: 24 June 2021

Title: Current CBB and CLR Recommendations

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: Coffee Berry Borer and Coffee Leaf Rust Conference 2021

Location: Online via Zoom

Date of Presentation: 17 April 2021

Title: Coffee Leaf Rust in Hawaii

Authors (put an asterisk on the presenter): **Kawabata, A.M.**\* and L. Keith

Name of Conference: HDOA Pesticides Branch Summer Solstice Workshop

Location: Online via Zoom

Date of Presentation: 6 June 2021

Title: The Importance of Early Detection and Control of Coffee Leaf Rust

Authors (put an asterisk on the presenter): **Kawabata, A.M.**\* and L. Keith\*

Name of Conference: Kau Coffee College

Location: Online via Demio

Date of Presentation: 23 December 2020

Title: Response to the Discovery of Coffee Leaf Rust in Hawaii

Authors (put an asterisk on the presenter): Hoffman, K.\*, **A.M. Kawabata**, and L. Keith

Name of Conference: Hawaii Legislative Delegation Meeting

Location: Online via Zoom

Date of Presentation: 3 December 2020

Title: 2019-2020 CTAHR Research & Extension Update

Authors (put an asterisk on the presenter): **Kawabata, A.M.**\* and S. Sand\*

Name of Conference: Hawaii Coffee Association Conference 2020 Webinar

Location: Online via Demio

Date of Presentation: 24 June 2020

Title: UH CTAHR Coffee Research & Extension Update

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: Hawaii Coffee Association Conference

Location: Ala Moana Hotel, Honolulu, HI

Date of Presentation: 26 July 2019

Title: Maintaining Coffee Quality in the Coffee Berry Borer Age

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: Maui Coffee Association and Maui Master Gardeners Program Coffee Workshop

Location: Kahului, Hawaii

Date of Presentation: 6 May 2019

Title: Tropical Fruit and Nut Production in Hawaii

Authors (put an asterisk on the presenter): **Kawabata, A.M.\*** and K. Tavares

Name of Conference: International Trainee Seminar Series Program Coffee Workshop

Location: Kahului, Hawaii and Online Zoom Participation

Date of Presentation: 24 April 2019

Title: Coffee Leaf and Soil Sampling

Authors (put an asterisk on the presenter): **Kawabata, A.**M.\* and M. Miyahira\*

Name of Conference: Kona Coffee Farmers Association Coffee Pruning Field Day

Location: Kealakekua, Hawaii

Date of Presentation: 18 January 2019

**Invited Conference and Extension Presentations – Foreign and National (2019 to current)**

Title: Learning with Hawaii: Coffee Pests & Diseases

Authors (put an asterisk on the presenter): Kawabata, A.M.\*

Name of Conference: California Coffee Dialogue

Location: Online via Zoom

Date of Presentation: 30 September 2021

Title: Coffee Basics, Coffee Research and Outreach, and CBB Update (3 presentations)

Authors (put an asterisk on the presenter): **Kawabata, A.M.**\* and S.T. Nakamoto\*

Name of Conference: Learning with Hawaii Workshop

Location: Frinj Coffee, Goleta, California

Date of Presentation: 31 May 2019