

Tuesday, Sept 14															
Opening Protocol															
HCA Opening Remarks, Keynote, Awards, Conference Highlights															
15 Minute Break															
Stage 1		Stage 2		Stage 3		Stage 4		Stage 5		Stage 6 (Speed Talks)					
SESSION #1 - 11:00AM - 12:00PM		General Session: Collaborative Care Moderator: Corie Yanger		Forum #617 Title: Invasive Species and Climate Change: Building a New Community of Practice Moderators: Kerkering, Heather, Laura Brewington, Jeff Burgett, Joshua Atwood, Christy Martin		Forum #629 Title: South Kohala Coastal Partnership: Managing for Abundance Moderator: Seidel, Barbara Jo, Julia Rose		General Session: Decision making - policy, governance, legislation, regulation, enforcement, conservation planning Moderator: Cathleen Bailey		Update on 2020 IUCN World Conservation Congress Moderators: Denise Antolini, Chipper Wichman, Sam Gon		General Session: Forest Futures Moderator: Shelley Gustafson			
11:00AM	#605 Title: Recent Projects Show the Utility of Molecular Data and Citizen Science in Understanding Hawaiian Macrofaunal Diversity Author: Stullman, Jeff	Forum #617 Title: Invasive Species and Climate Change: Building a New Community of Practice		Forum #629 Title: South Kohala Coastal Partnership: Managing for Abundance		#620 Title: World Ecosystems in crisis - how habitat-loss and inadequate protection threatens representative biodiversity Author: Boucher, Timothy		Update on 2020 IUCN World Conservation Congress		11:00am	#622 Title: Exploring Pathways and Opportunities for Community Based Forest Management in Hawaii Author: Ohara, Rebekah	11:08am	#625 Title: It Takes A Village: An Example Of Urban Forest Restoration Process At Ala Moana Author: Koethe, Frankie		
11:15AM	15 minutes for questions/discussion	Forum #617 Title: Invasive Species and Climate Change: Building a New Community of Practice		Moderator: Seidel, Barbara Jo, Julia Rose Breakout Moderators: Julia Rose Nikki Smith Megan Lamson Carolyn Stewart Michael Barnett Erica Perez Rebecca Most Kevin Sullivan Bren Griesman Chris Hawkins Scott Larsen		#615 Title: Are global biodiversity indicators useful correlates of extinction? Author: Stevenson, Simone Leah		The leadership team of the IUCN WCC Hawaii's Delegation will share updates on the 2020 World Conservation Congress, opportunities for continued engagement in IUCN, and the latest from the IUCN Hawai'i Fall Session		11:16am	#613 Title: Mapping Individual Coconut Palm (Coccothraupis) Trees in Urban Honolulu Using Deep Learning and Very High Resolution Remote Sensing Imagery Author: Chen, Qi	11:24am	#626 Title: The Hunt for ROD Resistant 'Ohia Genotypes: Updates from Disease Resistance Improvement Work for Restoring ROD Impacted Hawaiian Forest Author: Martins-Kelubomala, Chloe A.K.		
11:30AM		Moderators: Kerkering, Heather, Laura Brewington, Jeff Burgett, Joshua Atwood, Christy Martin				#638 Title: Improving bird surveys in the K'ah forest Author: Brinck, Kevin		Moderators: Denise Antolini, Chipper Wichman, Sam Gon		11:32am	#631 Title: A Key to Restoring Threatened Hawaiian Forests and Supporting Sustainable Forestry Efforts Resides with Endemic 'Ihaha Species Author: Thyoff, Emily	11:40am	#620 Title: Understanding Baseline Soil Carbon Stocks at a Biocharland Agroforestry Restoration Site in He'eia, O'ahu Author: Melone, Angelica		
11:45AM						15 minutes for questions/discussion				11:48am	#62 Title: On the path to carbon neutrality: a Hawai'i carbon land use opportunity assessment Author: Larance, Leah				
12:00PM - 1:00PM										One Hour Lunch Break					
SESSION #2 - 1:00PM - 2:00PM		Symposium #136 Title: Urban Aina: Restoring Abundance Where We Live Author: McMillen, Heather Lynn		Symposium #136 Title: Water, ecosystems, and people - insights from the 'Ike Wai project on the Pu'aha (Pearl Harbor) and Hualalai aquifers. Moderator: Bremner, Leah and Burnett, Kim		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene Moderator: Winter, Kawika		General Session: Forest Birds Moderator: Gordon Tribble		General Session: Fisheries/Fisheries Management Moderator: Clara Ratun		General Session: Management of Non-Native Predators and Ungulates Moderator: Courtney Yoshikawa			
1:00PM	#434 Title: Restoring Ancestral Abundance in Kaihi Valley Author: Puni Jackson and Pua O'Hehi Puni	#659 Title: Informing research through Hawaiian language Nāpaea. Examples from the 'Ike Wai Project Author: Smith, Thomas P'i'ani		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene		#641 Title: Restoring real-time climate adaptation: Analyzing past, current, and forecast temperature to understand the dynamic risk to Hawaiian honeycreepers from avian malaria Author: Kaiser, Lauren		#631 Title: Where we sit with 'Alala the ups and downs of reintroducing Hawaii's only living crow species back to the wild Author: Gregor, Alison		#639 Title: A Tale of South Pacific Islands: Optimizing Biodiversity Conservation Plans Using Fisheries, Ciguatera and Pearl Farming Author: ANDRE, Laure Vautaire		1:00pm	#622 Title: Evaluating new technology for rodent management in Upper Limahuli Preserve Author: Nugent, Dana	1:08pm	#625 Title: Striking a Balance with Goodnature A24's Trapping Rodents while Excluding 'Alala (Corvus hawaiiensis) Author: Vickery, L. K. et al.
1:15PM	#348 Title: Importance of Local and Indigenous Knowledge for Urban Bio-cultural Stewardship Author: McMillen, Heather Lynn	#617 Title: Incorporating Groundwater Dependent Ecosystems into Groundwater Management: Sumida Farm in Pearl Harbor Aquifer, O'ahu Author: Burnett, Kimberley		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene		#639 Title: Evidence-based conservation for Australian woodland birds: a systematic review Author: Waini, Jessica		#632 Title: Valuable lessons on productivity and perspective that drive research to support aina mōkua. A message from Hawaii's intertidal shoreline Author: Andrade, Pelka		#633 Title: Contextualizing the social-ecological outcomes of coral reef fisheries management Author: Johnson, Steven Mami'okama'i		1:16pm	#637 Title: Removal of Non-native Predators on A Navy Base to Conserve Native Species Author: Temple, Kathryn Alison	1:24pm	#645 Title: Assessing the Limitations of Conventional Predator Control in Maui Nui: Re-evaluating the Protection of Unique Seabird Habitat Author: Frye, Martin Joseph
1:30PM	#475 Title: Restoring Wao Functions to our Urban Areas Author: Mossman, Kaihua	#608 Title: Application of Water-Budget Models to Evaluate the Effects of Forest Change on Water Resources in Hawaii's Information Needs to Reduce Model Uncertainty Author: Mair, Alan		Moderator: Winter, Kawika Presenter: Malia Akutagawa Melissa Price Chipper Wichman Mark Hixon		#635 Title: Contextualizing the social-ecological outcomes of coral reef fisheries management Author: Johnson, Steven Mami'okama'i		15 minutes for questions/discussion		15 minutes for questions/discussion		1:32pm	#694 Title: Managing for Abundance in the Wao Kēle: Vegetation Monitoring and Recovery Following Non-Native Ungulate Removal Author: Barea, Nicolas		
1:45PM	#269 Title: Olu Na Kini: Growing Plants and People Author: Sans, Pauline	#659 Title: Benefits of watershed conservation for groundwater sustainable yield under climate change in the Pu'aha (Pearl Harbor) aquifer Author: Bremner, Leah		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene		15 minutes for questions/discussion		15 minutes for questions/discussion		15 minutes for questions/discussion					
SESSION #2 - 2:00PM - 3:00PM		Symposium #136 Title: Urban Aina: Restoring Abundance Where We Live Author: McMillen, Heather Lynn		Symposium #136 Title: Water, ecosystems, and people - insights from the 'Ike Wai project on the Pu'aha (Pearl Harbor) and Hualalai aquifers. Moderator: Bremner, Leah and Burnett, Kim		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene Moderator: Winter, Kawika		General Session: Fisheries/Fisheries Management Moderator: Clara Ratun		General Session: Animal Interaction/Behavior Moderator: Cathleen Bailey					
2:00 PM	#626 Title: NāI NŌW! The Tree of Life, an Untapped Resource for the Future Author: Gunasckan, Indrajit	#663 Title: The sources, composition, and coastal effects of submarine groundwater discharge in West Hawaii. Author: Dalia, Herreeta		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene		#649 Title: Challenges and opportunities in shifting diets towards pelagic fish. Case study of Palau Author: Oleon, Kirsten L.		#640 Title: Productivity and Carrying Capacity (PACC) of Hawaii's Intertidal Fishery to Support 'Aina Mōkua Author: Morihiro, Kim Kanoe'u'ulani		#634 Title: Ka Pūlani o nā Hā'ūke'ule: A Study of the Genetic Connectivity of the Culturally Significant Sweet Uehira (Colobocentrus stratus) in Hawaii Author: Keliipolole, Melina Kahu'ake'ake'ipololelanihale		2:00pm	#648 Title: Assessing 'Ope'ope'a's (Leptocarpus tenax) Habitat Use and Occupancy in the Helmano Wilderness Area, Central O'ahu Author: Davidson, Lesley Nicole	2:08pm	#603 Title: Monitoring animal behavior and space use ensures minimal impact of research activities Author: Breen, Brandon James
2:15 PM	#251 Title: Urban Conservation for East Honolulu Author: van Rees, Charles	#691 Title: Linked ecological, cultural, and socio-economic values of groundwater dependent ecosystems in Kona, Hawaii's Author: Gibson, Veronica		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene		#640 Title: Productivity and Carrying Capacity (PACC) of Hawaii's Intertidal Fishery to Support 'Aina Mōkua Author: Morihiro, Kim Kanoe'u'ulani		#634 Title: Ka Pūlani o nā Hā'ūke'ule: A Study of the Genetic Connectivity of the Culturally Significant Sweet Uehira (Colobocentrus stratus) in Hawaii Author: Keliipolole, Melina Kahu'ake'ake'ipololelanihale		#644 Title: Abundance under threat: Securing seabird habitat in a changing world Author: Leumoi, Jenni		2:16pm	#604 Title: Long-term studies of 'na'u kani (Wedge-tailed Shearwater, Adelia pacifica) reveal population trends and inform protective management strategies Author: Freinger, Cecilia Elizabeth	2:24pm	#612 Title: The influence of leaf characteristics on litter arthropod communities in a Hawaiian lowland wet forest Author: Hall, Trebor
2:30 PM	#547 Title: E Ho'ou'ou Nā Keiki Oki Uana O Nā Pahi: Home Go The Resilient Children of the Pu'u'awa'awa and Pu'u'uanalu Hills Author: Kamalinda, Katie	#694 Title: Hawaii's Climate Data Portal (HCDP): An online tool for accessing historical and near real-time rainfall and climate data products Author: Lauer, Matthew		Moderator: Winter, Kawika Presenter: Malia Akutagawa Melissa Price Chipper Wichman Mark Hixon		15 minutes for questions/discussion		15 minutes for questions/discussion		15 minutes for questions/discussion					
2:45 PM	#634 Title: An Exploration of Historic and Contemporary Indigenous Urban Conservation: Kipuka in Honolulu Author: Kamuela Enos and Mahina Puhala	15 minutes for questions/discussion		Forum #642 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene		15 minutes for questions/discussion		15 minutes for questions/discussion		15 minutes for questions/discussion					
3:00PM - 3:15PM										15 Minute Break					
SESSION #3 - 3:15PM - 4:15PM		General Session: Fisheries/Fisheries Management Moderator: Mark Hixon		General Session: Forestry and Land Management Moderator: Emma Yuen		Symposium #50 Title: Olu Ka 'Olele: Applying 'Olele Hawai'i in Conservation Research and Management Moderators: Kurashima, Natalie, Pasca, Pu'u'ala, and Steward, Kanoelani		Forum #272 Title: E 'Ihau Mai Kākou: Working together to achieve 'āina momona Moderator: Ching, Ulu and Kevin Chang		Hold: HCC Affiliated Content		General Session: Community-Based Conservation Moderator: Flora Krivak-Tesley			
3:15 PM	#545 Title: Examining the seapage of compliance in U.S. Pacific island fisheries Author: Ayers, Adam	#714 Title: Natural Climate Solutions in Action: The Nature Conservancy's Improved Forest Management Carbon Project at Kona Hema Preserve, Hawaii's Island Author: Menard, Tze		#115 Title: Mai loko mai o ka pō: The growth of Hawaiian cultural integration in HCA and HCC Author: Gon, Sam 'Olu		#637 Title: 'Olele Hawai'i - Entering a Portal to Agency Transformation Author: Giardina, Christian		Forum #272 Title: E 'Ihau Mai Kākou: Working together to achieve 'āina momona		Hold: HCC Affiliated Content		3:15pm	#667 Title: Community Resilience following 2018 Kaula's Floods Author: Luebke, Kristine Kilihana	3:23pm	#710 Title: Community Connection is Key: Community Involvement Promotes Reduced Fire Risk at the Wiliwili-Uhau Interface of Pu'uwa'awa'a Author: Vega, Kara Lee
3:30 PM	#652 Title: Abundances of Aquarium-collected Coral Reef Fishes in Protected and Open-access Areas of Oahu, Hawaii Author: Grabowsky, Gail	#623 Title: Using Forest Inventory Data to Monitor Changes of Vegetation, Invasive Species, and Pig Damage in the Pacific Islands and Hawaii Author: Kogler, Olaf		#637 Title: 'Olele Hawai'i - Entering a Portal to Agency Transformation Author: Giardina, Christian		#643 Title: E lala ka ka na'aua kupuna mai ke au kahiko mai (Wisdom from the ancestral past as our guiding light) Author: Winter, Kawika		Moderators: Manuel Mejia Becerra Most Hannah Kihalani Springer Nahuku Kahi Emily Galiz Scott Crawford Luna Kekoa		Hold: HCC Affiliated Content		3:31pm	#607 Title: Student Scientists Provide Evidence of Successful Community-led Restoration of Hawaiian Bay Author: Jahnke, Mackenzie Leigh	3:39pm	#694 Title: How Does Capacity Development Translate into Conservation: An Evaluation of the Pacific Islands Managed and Protected Area Community Author: Lanereri, Michael James
3:45 PM	#109 Title: Kanaloahe'ehānawela: A coastal management report developed with Owi perspectives of marine ecology to inform stewardship Author: Kanaloahe, Kalioanemoku 'Laka'	#443 Title: Changes in forest structure and nesting behavior of Hawaii's 'elepaio over 25 years Author: Jaenke, Kelly		#643 Title: E lala ka ka na'aua kupuna mai ke au kahiko mai (Wisdom from the ancestral past as our guiding light) Author: Winter, Kawika		#165 Title: Hawaiian Bird Ethnonyms and Implications for Modern Conservation Author: Gomez, Noah		Forum #272 Title: E 'Ihau Mai Kākou: Working together to achieve 'āina momona		Hold: HCC Affiliated Content		3:47pm	#600 Title: Forest Stewardship Program and Conservation Capacity - Building Opportunities in the Marshall Islands Author: Enriquez, Vincent Alecia	3:55pm	#674 Title: 'Ike - Informative Kits for Education: Preparing Hawai'i communities for ocean acidification Author: Ross, Sheldon Takashi Keoni-Kawikaonani
4:00 PM	#283 Title: Quantifying Summer Zooplankton Biodiversity and Abundance in He'eia Fishpond Author: Thomas, William Houkaokalani	#89 Title: Ant species diversity, distribution and community composition in different forest types in Papua New Guinea Author: Yonbas, Jacob		#165 Title: Hawaiian Bird Ethnonyms and Implications for Modern Conservation Author: Gomez, Noah		Forum #272 Title: E 'Ihau Mai Kākou: Working together to achieve 'āina momona		Moderator: Ching, Ulu and Kevin Chang		Yoga/Meditation Session Presenter: Darree Grace		4:03pm	#587 Title: (re)establishing Palua: Understanding the relationship between communities and 'ālae 'āla. Author: Zavas, Lukaniele Chibiro		
SESSION #3 - 4:15PM - 5:15PM		General Session: Fisheries/Fisheries Management Moderator: Mark Hixon		General Session: Forestry and Land Management Moderator: Emma Yuen		Symposium #50 Title: Olu Ka 'Olele: Applying 'Olele Hawai'i in Conservation Research and Management Moderators: Kurashima, Natalie, Pasca, Pu'u'ala, and Steward, Kanoelani		Forum #272 Title: E 'Ihau Mai Kākou: Working together to achieve 'āina momona Moderator: Ching, Ulu and Kevin Chang		Yoga/Meditation Session Presenter: Darree Grace		General Session: Monitoring, Community Engagement and Outreach Moderator: Blaire Langston			
4:15 PM	#562 Title: Land-based Pollutants in the Reef Fringe and Sediment of Maunaloa Bay, O'ahu Author: Nanley, Eileen McGiegan	#105 Title: Agriculture as a Tool for Conservation: Aspects of Root Competition in High Diversity Agroecosystems in Hawaii Author: Bonds, Maxwell		#667 Title: 'A'ole 'o kama mai ka hana i ka nae! Pu'u Kuku Watershed Preserve & Kanaoia Network of Hawaiian Schools Author: Kamaopio-Crozier, Pomaika'i		#630 Title: He lala no ka 'ua ma kumu, Me He Hou 'āina la (I am a branch of my teachers, as a steward) Author: Kukanalana, K'u'alei		Forum #272 Title: E 'Ihau Mai Kākou: Working together to achieve 'āina momona		Yoga/Meditation Session (30 min) Presenter: Darree Grace		4:15pm	#660 Title: Teaching Change: Collaborations between scientists and educators enhance place-based education Author: Langston, Blaire	4:23pm	#186 Title: Malama Pūhala - Empowering Youth in Conservation Author: Tenn, Sherry Lynn
4:30 PM	#227 Title: Social Tipping Points in Marine Resource-Dependent Hawaiian Coastal Communities Author: Perring, Lanning	#123 Title: Understanding social-ecological resilience: The dynamics of post-cyclone agorifer recovery in Fiji Author: McGuigan, Ashley Anne		#630 Title: He lala no ka 'ua ma kumu, Me He Hou 'āina la (I am a branch of my teachers, as a steward) Author: Kukanalana, K'u'alei		Moderators: Manuel Mejia Becerra Most		Yoga/Meditation Session (30 min) Presenter: Darree Grace		Yoga/Meditation Session (30 min) Presenter: Darree Grace		4:31pm	#280 Title: Connecting Islands Within an Island: Efforts to Build and Sustain Partnerships in Conservation at an Undergraduate University Author: Ingley, Spencer Jameson		

4:45 PM	#577 Title: Redefining Ecosystem Based Management Units in the Hawaiian Archipelago using pooled RADseq approaches Author: Harbu, Evan	#135 Title: Biocultural outcomes of agroforestry restoration using a co-design, functional trait-based approach Author: Hastings, Zoe C	#568 Title: Homsamaikes: Paa ke kabaa o na kapu a kamaeai i ka hana loko ia (Homamaikes: Reestablishing kapu and kanawai in loko ia practice) Author: Kamaeai, Kalanemoku "Luka"	Hannah Kihalani Springer Nahulu Kikai Emily Cadiz Scott Crawford Lana Kekoa	Open (30 mins)	
5:00 PM	15 minutes for questions/discussion	#180 Title: Minimising the risk of extinction for threatened populations should consider both genetic and demographic risks Author: Cook, Carly	15 minutes for questions/discussion			
5:15PM - 5:30PM		Daily Closing Protocol				

Wednesday, Sept 2nd									
Opening Protocol									
Opening Plenary, Keynote, Awards									
15 Minute Break									
Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6 (Speed Talks)				
SESSION #4 - 9:00AM - 10:00AM Symposium #298 Title: Management challenges and successes in freshwater dependent ecosystems: connections among streams, wetlands, and estuaries Author: Tsang, Yin-Phan Moderator: Tsang, Yin-Phan	Workshop #201 Title: Engaging in the Political Process to Support 'Aina Momona - A Nahaulehewaikiupapa Emerging Professionals Workshop Moderators: Meggett, Tara, Hea, Laniwa, Sharon Ziegler-Chong, Tap Wada, Keahi Makaimoku, Sean Marrs, Ulu Ching	Forum #554 Title: Place-Based Conservation Planning: A Forum to Help Identify and Prioritize Resource Needs and Guide Decisions for State-Funded Acquisition of Private Land Moderators: Taylor, Andrew, Penn, David, and Gustafson, Shelley	General Session: Population Genetics/Dynamics Moderator: Beth Flint	General Session: Restoration Moderator: Corie Yanger	General Session: Forestry/Plants/Botany Moderator: JC Watson				
9:00AM	#257 Title: Indigenous Practices Expand Waterbird Habitat Harmon, Kristen Rising Seas Author: Harmon, Kristen Corey	Form #554 Title: Place-Based Conservation Planning: A Forum to Help Identify and Prioritize Resource Needs and Guide Decisions for State-Funded Acquisition of Private Land	#138 Title: Using humpback whale male chorusing to accurately monitor the temporal and spatial variation in humpback whale abundance during the breeding season in Hawaii? Author: Kugler, Anke	#383 Title: 'Aho'ano Momona: How Hawaii's Seed Bank Research Can Empower Plant Conservation and Ecosystem Restoration Author: Chan, Marian M.	9:00am	#254 Title: Update on the Progress of a Biological Control Agent Released for Strawberry Guava in Hawaii Author: Chaney, Nancy and Johnson, Tracy	9:08am	#127 Title: The National Ecological Observatory Network in Hawaii: open data to understand Hawaii's changing ecosystems Author: Long, Michael	
9:15AM	#612 Title: Biodiversity of Estuarine Species in Pearl Harbor: A Methods Comparison Between Multi-depth eDNA Sampling and Four Traditional Sampling Gears Author: Gonzalez, Aurelia	Workshop #201 Title: Engaging in the Political Process to Support 'Aina Momona - A Nahaulehewaikiupapa Emerging Professionals Workshop	Moderators: Taylor, Andrew, Penn, David, and Gustafson, Shelley	#25 Title: Using community group monitoring data to measure the effectiveness of restoration actions for Australia's woodland birds Author: Gibson, Michelle Renee	9:16am	#355 Title: Managing a Living Metacollection of the Critically Endangered Kauai's Hahaione (Ochrosia lanuensis) H. St. John (Apocynaceae) Author: Hoack, Kevin	9:24am	#590 Title: Differential change in indigenous and endemic plant cover over time across abiotic gradients in an invaded Hawaiian landscape Author: Hibbi, Joshua	
9:30AM	#606 Title: Estimating streamflow availability for ecosystem and human uses where no streamgauge exists, State of Hawaii? Author: Cheng, Chai Ling	Moderators: Meggett, Tara, Hea, Laniwa, Sharon Ziegler-Chong, Tap Wada, Keahi Makaimoku, Sean Marrs, Ulu Ching	Moderators for Breakout: Shelley Gustafson, Kerri Rose, Brayden Aki, Van Matsushige	#674 Title: Convergent melanism disguises the evolutionary identity of an endemic lizard surviving in a highly compromised island landscape Author: Jonathan, Richmond	9:32am	#424 Title: The impact of gaps and biases on new uses of the IUCN Red List Author: Ramsted, Nina	9:40am	#717 Title: Effects Of A Long Term Fire Retardant On Native Hawaiian Flora Author: Felicia Lusro and Jade Lee	
9:45AM	#458 Title: The Unexpected Role of streams in the conservation of Aiea Ula (Galimula galata sandvicensis) Author: van Rees, Charles	15 minutes for questions/discussion		#239 Title: Reforestation of degraded lands in Micronesia Author: Friday, James Boyd					
10:00AM	#549 Title: Connecting land to sea through stream water quality. Developing common methods for monitoring stream water quality to improve management actions that reduce soil loss to coastal ecosystems Author: Faloutsos, Kim Anne	Workshop #201 Title: Engaging in the Political Process to Support 'Aina Momona - A Nahaulehewaikiupapa Emerging Professionals Workshop	Forum #611 Title: Community Q&A - Restorative Energy Justice in Hawaii's	#76 Title: Population genetic structure of Ryukyu long-furred rat Diplopterus legata in Okinawa Island, Japan Author: Ohashi, Naoki	#728 Title: Bacterioplankton community response to a stochastic event in a tropical estuarine system Author: Lensing, Becca				
10:15AM	#677 Title: Measuring How Fish Respond to Restoration of Estuaries on Maui, Hawaii? Author: Peyton, Kimberly A	Moderators: Meggett, Tara, Hea, Laniwa, Sharon Ziegler-Chong, Tap Wada, Keahi Makaimoku, Sean Marrs, Ulu Ching	Moderators: Walksberg, Richard, Melissa Miyashiro, Isaac Moriwake	#676 Title: Distribution and status of Oceania snake-eyed skink (Cryptoblepharus poecilopleurus) in Hawaii? with comments on additional US Pacific Islands Author: Fisher, Robert	#644 Title: Cascading effects of Rapid 'Ohi'a Death on Hawaiian Forest Bird Communities Author: Paxton, Kristina L.				
10:30AM	#621 Title: Using Long Term Aquatic Monitoring Data to Inform Management Decisions Author: Farahi, Anne Christine	15 minutes for questions/discussion		15 minutes for questions/discussion	#511 Title: Empowering Mangrove Protection by Pohopoi Communities in the Era of Sea Level Rise Author: Apwong, Myshelene				
10:45AM	15 minutes for questions/discussion			15 minutes for questions/discussion					
11:00AM - 11:15AM									
SESSION #5 - 11:15AM - 12:15PM Workshop #330 Title: Developing methods to spatially represent social values in Hawaii's Moderator: Nakachi, Aohi	Forum #670 Title: He'ena 'Aina Momona: A 20 year review of an organization's journey towards managing for abundance in He'ena, Kaula' Moderators: Cadiz, Emily Ann and Wann, Presley	Forum #619 Title: Hoololi Aina: Changing Landscapes - Challenges in Wildland Fire Management in the Face of Climate Change Moderator: Walker, Michael	General Session: Birds Moderator: Jim Jacobi	Urban Tree ID Skills Presenter: Shannon Rivera	General Session: Biosecurity/Invasive Species Moderator: Emma Yuen				
11:15AM			#162 Title: Analyzing Habitat Change of Remote Atolls Using High Temporal Satellite Imagery Author: Lopes, Keolohani	Open (15 minutes)	11:15am	#601 Title: Ready, Set, EDRR (Early Detection and Rapid Response) Application of WorldView-3 High Resolution Satellite Imagery for Landscape-level Remote Detection of Invasive Pines on Haleakala Author: Marshall, Jonathan Drew	11:23am	#192 Title: Evaluating Management Strategies for Invasive Rose-ringed Parakeets (Ptilinopus krameri) in Kaula' Author: Anderson, C. Jane	
11:30AM	Workshop #330 Title: Developing methods to spatially represent social values in Hawaii's Moderator: Nakachi, Aohi, Kirsten Olson, Kirsten Leong, David Lewis, Lansing Perng, Melissa Kanz	Forum #670 Title: He'ena 'Aina Momona: A 20 year review of an organization's journey towards managing for abundance in He'ena, Kaula'	Forum #619 Title: Hoololi Aina: Changing Landscapes - Challenges in Wildland Fire Management in the Face of Climate Change Moderator: Walker, Michael, Clay Trauernicht, Mellissa Chimera	#294 Title: Establishing a New Breeding Colony of the Threatened Newell's Shearwater on Maui Author: Spencer, Gregory	Urban Tree ID Skills How well do you know the trees in your neighborhood? Join Shannon Rivera from Hawaii's Kaula'uan urban and community forestry program for a 30 minute urban tree lighting round	11:31am	#59 Title: Quantifying the Seed Dispersal Pattern of Clidemia hirta on Native Fringing Plants Author: Gabrielson, Sara	11:39am	#681 Title: Resilience Takes Time: Assessing Results from 10 Years Protecting the Upper Watershed of Waimea Valley on Kaula' from Australian Tree Fern Invasion Utilizing Aerial Innovation Author: Behnke, Lucas Alan
11:45AM			#81 Title: Multiple Sources of Evidence for Density Dependence in the Endangered Hawaiian Siskin (Himantopus mexicanus knudseni) Author: van Rees, Charles	Presenter: Shannon Rivera	11:47am	#743 Title: Aerial control of little fire ants on Maui Author: Knox, Adam	11:55am	#745 Title: Progress on Implementing the 2017-2027 Invasiveness/Biosecurity Plan Author: Arnot, Chelsea	
12:00PM			#142 Title: Indigenous Agro-ecosystems as Habitat for Endangered Hawaiian Waterbirds Author: Opie, Eryn	Open (15 minutes)					
12:15PM - 1:15PM									
SESSION #6 - 1:15PM - 2:15PM Symposium #263 Title: Restoring Nearshore Hawaiian Algae and Seagrass Habitat Moderator: Harper, Doug	#255 Title: Cat Crisis - The Challenges of Protecting Native Wildlife from Feral Cats in Hawaii Moderator: Raine, Helen	Forum #329 Title: Importance of Network Weaving: New Engagement Together, Working On Restoration Kuleana Solutions Moderators: Rozet, Niogel, Sato, Pauline, and Jay, Chesley	Children Yoga Session Presenter: Sarah Grinoff	General Session: Habitat Use/Utilization Moderator: Flora Krivak-Tetley	General Session: Forest Birds Moderator: Cathleen Bailey				
1:15 PM	#553 Title: The Power of Partnerships and Place: Engaging Kapi'olani Community College Undergraduates in Community-based Restoration in Maunaloa Bay Author: Kuntz, Wendy	#291 Title: Kaula' as a case study for the widespread impact and population-level effect of feral cats Author: Raine, Andre Francis	Children Yoga Session (30 mins) Presenter: Sarah Grinoff	#183 Title: Patterns of niche contraction identify conservation management priorities for declining mammal species Author: von Takach, Brenton	1:15pm	#574 Title: Metabarcoding of fecal samples to determine foraging ecology of two insectivorous honeycreepers Author: Costantini, Maria Sara	1:23pm	#661 Title: Characterizing vocalizations of the critically endangered Palila (Loxoides bailleui): cultural evolution? Author: Mason, Lisa	
1:30 PM	#488 Title: Rapid Response and Distribution Investigation of the Caribbean Corkscrew Anemone, a novel introduction to Hawaii? Author: Devine, Gen	#536 Title: Effectiveness of Predator Removal Programs for the Protection of Endangered Seabirds on Kauai Author: Ptas, Kyle	Forum #329 Title: Importance of Network Weaving: New Engagement Together, Working On Restoration Kuleana Solutions	#256 Title: "I'll tell you what I want, what I really really want" - Identifying Conservation Priorities for Bird Habitat in Hawaii? Author: Raine, Helen	1:31pm	#719 Title: Focused Surveys for Endangered Maui Parrotbill and 'Akohokohu at Haleakala National Park, 2018-2019 Author: Tamayo, Joy	1:39pm	#693 Title: Understanding the role of avian malaria in the recovery of 'Alala Author: Waihuehu, Mamo	
1:45 PM	#439 Title: Exploring Innovative Control Options for the Caribbean Corkscrew Anemone in Kane'ohe Bay Author: Fuller, Kimberly	#640 Title: Maui Nui Wildlife Impacts of At Large Cats (Felis catus) and the Failure of Trap Neuter & Release Programs Author: Penman, Jay Forest	Moderators: Rozet, Niogel, Sato, Pauline, and Jay, Chesley	Open (30 mins)	1:47pm	15 minutes for questions/discussion	1:55pm	#679 Title: Goodbye Paper, Hello Smartphone: Electronic Field Data Collection of Released 'Alala Using Survey123 for ArcGIS for ArcGIS Author: Lilly, Ama	
2:00 PM	#665 Title: Coral Reef Restoration using Native Sea Urchins (Echinus gratiosa) for Biocontrol of Invasive Macroalgae Author: Dukes, Wesley	#319 Title: Cat Policy in Hawaii: Where We've Been and Where Need to Go Author: Sizemore, Grant		#526 Title: Roosting Ecology of Endangered Tree-roosting bats on Oahu Island: Implications for Bat-friendly Forestry Practices Author: Preble, Jason					
SESSION #6 - 2:15PM - 3:15PM Symposium #263 Title: Restoring Nearshore Hawaiian Algae and Seagrass Habitat Moderator: Harper, Doug	#255 Title: Cat Crisis - The Challenges of Protecting Native Wildlife from Feral Cats in Hawaii Moderator: Raine, Helen	Forest Bathing Hawaii? Presenter: Phyllis Look	Forest Bathing Hawaii? Presenter: Phyllis Look	General Session: Habitat Use/Utilization Moderator: Flora Krivak-Tetley	General Session: Birds Moderator: Shelley Gustafson				
2:15 PM	#709 Title: Community Based Native Algae Restoration Author: Harper, Doug	#339 Title: Noah's Ark has an unwanted predator onboard Author: Kannoama, Makiaka	Join Zoom Meeting https://us02web.zoom.us/j/8175115291 Meeting ID: 817 511 5291 Passcode: 664920 One tap mobile	#140 Title: Understanding the role of plantations in the abundance of an arboreal folivore Author: Ashman, Kita Eric	2:15pm	#413 Title: Ancient Birds and Modern Technology: Tracking Nene Throughout Their Annual Cycle Author: Washburn, Brian Eric	2:22pm	#297 Title: Natural Versus Non-Natural Bolus Matter in Black-footed Albatross, Phoebebastra nigripes, and Laysan Albatross, Phoebastria immutabilis, from Midway Atoll National Wildlife Refuge (NWR), Northwestern Hawaiian Islands (NWHI) Author: Iijima, Akiyoshi	

2:30 PM	#361 Title: Feasibility of Using Reactive Oxygen Species in Controlling the Invasive Seaweed <i>Avrainvillea lacera</i> Author: Van De Verg, Scott	#373 Title: Toxoplasmosis in native birds in Hawai'i & the Pacific is a symptom of society not really caring about ecosystems and wildlife health. How do we change that? Author: Work, Thierry	+13462487799, 81775115291#____0#_46 4920# US (Houston) +16699006833, 81775115291#____0#_46 4920# US (San Jose) Dial by your location +1 346 248 7799 US (Houston) +1 669 900 6833 US (San Jose) +1 252 215 8782 US (Tacoma) +1 312 626 6799 US (Chicago) +1 929 205 6099 US (New York) +1 301 715 8592 US (Germantown) Meeting ID: 817 7511 5291 Pascode: 664929 Find your local number: https://us02web.zoom.us/j/81775115291 RC	#309 Title: Efforts to increase endangered yellow-faced bee populations using artificial nest blocks Author: O'Grady, Molly Terese	2:31pm	#286 Title: Manu o Ku of Diamond Head: Breeding Behavior of an Indigenous Seabird on the Kapu'olani Community College Campus Author: Kuntz, Wendy	2:39pm	#72 Title: Re-examining morphological differences between 'Alae 'ula and mainland Common gallinules Author: van Rees, Charles	
2:45 PM	#320 Title: Invasive Seaweed Removal and Native Limu Restoration in He'eia Fishpond Author: Konebeye, Keiiahonui	#630 Title: TOXOPLASMOIS IN HAWAIIAN SPINNER DOLPHINS Author: West, Kristi		#100 Title: Spatial dynamics of an endangered amphibian, <i>Rana</i> spp., in heavily modified landscapes. Author: Garvey, Timothy Frederick	2:47pm	#626 Title: Midway Seabird Protection Project- A Multifaceted Rodent Eradication Project Author: Underwood, Jared	2:55pm	#546 Title: USE OF SPECIALIZED NO-KILL BEE VACUUM TO REMOVE HYMENOPTERA NESTS FROM HAWAIIAN SEABIRD BURROWS Author: Gould, William	
3:00 PM	#57 Title: Lessons learned addressing storm and urban runoff in an urban environment Author: Harper, Doug	#428 Title: Exploring the environmental factors influencing <i>Toxoplasma gondii</i> infections in Hawaiian monk seals Author: Robinson, Stacie		#205 Title: Factors Influencing the Distribution of the Puce, or Hawaiian Short-eared Owl Author: Price, Melissa					
3:15PM - 3:30PM 15 Minute Break									
SESSION #7 - 3:30PM - 4:30PM		Symposium #33 Title: The Status of Resources in the Papahānaumokuākea Marine National Monument Moderator: Martinez, Jonathan A and Clark, Athline		Forum #715 Title: Maunakea, kuahiwi ku ha'o i ka malie: Maunakea, standing alone in the calm - A Collaboration of Native Hawaiian Resource Managers Moderator: Kamelamele, Katie		General Session: Forest/Botany Moderator: JC Watson		General Session: Wetlands/Waterbirds/Lo'i/Aquatic/Freshwater Moderator: Jim Jacobi	
3:30PM	#460 Title: History, Pressures, Status and Response: a Look Back at the Last 10 Years of Place Based Management in the Papahānaumokuākea Marine National Monument Author: Martinez, Jonathan A and Clark, Athline			#353 Title: Climate-dependent demographic shifts of a threatened endemic Hawaiian plant: current trends and future scenarios for the Haleakala silversword Author: Fortini, Lucas Berio	#686 Title: Diets of 'Ae'o (Hawaiian Stilt, <i>Hydroprogne casinus knudseni</i>) Chicks in Wetlands on Oahu Author: Andreaanna Cole and Clarine Phipps				
3:45PM	#454 Title: Changes in the Condition of Physical Habitats in Papahānaumokuākea in the Past 10 Years Author: Lopes, Kathleen	Forum #732 Title: Ho'oulu Hou: Student community collaborations to cultivate 'Aiea Monaea in Hawai'i	Forum #715 Title: Maunakea, kuahiwi ku ha'o i ka malie: Maunakea, standing alone in the calm - A Collaboration of Native Hawaiian Resource Managers Moderator: Kamelamele, Katie	#384 Title: Restoration of Hawaiian Tropical Dry Forests: A Biocultural Approach Author: Sato, Aimee	#499 Title: Endangered Ae'o (Hawaiian Stilt, <i>Hydroprogne casinus knudseni</i>) Reproductive Success and Juvenile Habitat Use Author: Iida, Jessica Lauren				
4:00PM	#403 Title: Status and trends of Hona, or green sea turtles (<i>Chelonia mydas</i>), in the Papahānaumokuākea Marine National Monument Author: Staman, Marylou	Moderator: Vaughan, Mehana and Puniwai, Noelani	Moderators: Cheyenne Hiapo Perry, Chaucney Kala Asing, Joseph Kualii Camara	#370 Title: Resilience and Change: Natural Regeneration of Threatened and Endangered Plants at Ka'upulehu Dryland Forest Author: Tickim, Tamara	15 minutes for questions/discussion				
4:15PM	#417 Title: Hawaiian monk seal population update: signs of a fragile recovery Author: Johanos, Thea			#419 Title: Subterranean Biodiversity and Food Web Complexity on the Island of Hawai'i Author: Porter, Megan L.	#374 Title: Impacts of Water Releases on Instream Habitat and Biota in Waimea River, Kauai using the High Definition Stream Survey (HDSS) and High Definition Fish Survey (HDFS) Techniques Author: Higashi, Glenn Robert				
SESSION #7 - 4:30PM - 5:30PM		Symposium #33 Title: The Status of Resources in the Papahānaumokuākea Marine National Monument Moderator: Martinez, Jonathan A and Clark, Athline		Forum #715 Title: Maunakea, kuahiwi ku ha'o i ka malie: Maunakea, standing alone in the calm - A Collaboration of Native Hawaiian Resource Managers Moderator: Kamelamele, Katie		General Session: Forest/Botany Moderator: JC Watson		General Session: Wetlands/Waterbirds/Lo'i/Aquatic/Freshwater Moderator: Jim Jacobi	
4:30PM	#367 Title: Ten Years of Success from Active Management and Restoration Efforts on Terrestrial Non-Indigenous Species in the Papahānaumokuākea Marine National Monument Author: Vanderlip, Cynthia Ann	Forum #46 Title: Teens Creating Conservation Innovations: Students Share Their Hawai'i Youth Sustainability Challenge Projects Moderator: Herman, Elia Yvette Kamalei and Natalie McKinney	Forum #715 Title: Maunakea, kuahiwi ku ha'o i ka malie: Maunakea, standing alone in the calm - A Collaboration of Native Hawaiian Resource Managers Moderator: Kamelamele, Katie	#582 Title: Subterranean Biodiversity of the Island of Hawai'i: Insights into the evolution and diversification of cave-adapted planthoppers Author: Chong, Rebecca A	#241 Title: Re-imagining conservation translocations to enhance resilience in freshwater biota Author: Rayne, Aisling				
4:45PM	#722 Title: Status of Alien Marine Species in the Papahānaumokuākea Marine National Monument Author: Haak, Brian Benjamin	Presenters: Caden Brown, Stephanie Aluhia, Jenna Verhasselt, Malisa Lo, Riley Baksic		#651 Title: Braving the outdoors closer to home: Indoor use of native plants to increase public engagement and support of conservation Author: Baldos, Orville Caldo	15 minutes for questions/discussion				
5:00PM	#540 Title: Status and trends of marine biodiversity in the Papahānaumokuākea Marine National Monument Author: Kossaki, Randall	Elia Herman, Natalie McKinney, Paahana Kincaid, Hulali Allford		#541 Title: Applications of ungulate spatial ecology to achieve conservation and hunting objectives Author: Risch, Derek Ryan					
5:15PM	#636 Title: Reframing Wala Kūpona: Research on the Physical Condition of Native Hawaiian Cultural Resources in Papahānaumokuākea and How it is only Part of the Story Author: Quiocho, Kalani			#234 Title: Habitat fragmentation restricts pollinator assemblage and decreases pollen quality in a threatened insect-pollinated Proteaceae Author: Delvevo, Nicola					
5:30PM - 5:45PM Daily Closing Protocol									
<p style="text-align: center;">Join the Society for Conservation Biology - Hawai'i Chapter: A Global Community of Conservation Professionals and Students</p> <p style="text-align: center;">Moderator: Molly Hagemann, Tara Meggett, Shannon Rivera, Leah Brems, Derek Risch, Melissa Price, Shaya Honarvar, Chelsea Arnott, Chad Wilhite, Maxwell Bendes, Paul Awo, Nathan Dube, Society for Conservation Biology- Hawaii Chapter</p> <p style="text-align: center;">Join the Society for Conservation Biology - Hawai'i Chapter: A Global Community of Conservation Professionals and Students</p> <p style="text-align: center;">Moderator: Molly Hagemann, Tara Meggett, Shannon Rivera, Leah Brems, Derek Risch, Melissa Price, Shaya Honarvar, Chelsea Arnott, Chad Wilhite, Maxwell Bendes, Paul Awo, Nathan Dube, Society for Conservation Biology- Hawaii Chapter</p> <p style="text-align: center;">General Session: Restoration Moderator: Kaci Stokes</p>									
4:30pm	#477 Title: Waihai Ahupua'a Restoration Project E-malama Waihai Ahupua'a Author: Oberg, Diaz, Keira Lynn				4:38pm	#603 Title: Hawaiian Anchieline Ecosystems: Inventory Status, Restoration Efforts, Community Engagement, Policy Initiatives & Announcing the 5th International Symposium Author: Lamson Leathman, Megan R. And Sakihara, Troy S.			
4:46pm	#266 Title: The Potential for Restoration of Reed-Warblers in the Marana Islands Author: MARSHALL, ANN								

Thursday, Sept 3rd									
7:45am - 8:00am	Opening Protocol								
8:00am - 8:45am	HCA Opening Remarks, Keynote, Awards								
8:45PM - 9:00AM	15 Minute Break								
SESSION 8 9:00AM - 11:00AM	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6 (Speed Talks)			
SESSION #8 9:00AM - 10:00AM	Symposium #156 Title: Scientific advances in understanding Rapid 'Ohia's Death Moderator: Friday, James Boyd	Workshop #421 Title: Advancing Locally and Culturally Attuned Monitoring and Reporting Moderator: Pascua, Pua'ala	#164 Title: Biodiversity and Resilience on Lana'i Moderator: Sprague, Rachel	General Session: Coral Reef Ecosystems Moderator: Mark Hixon	General Session: decision making - policy, governance, legislation, regulation, enforcement, conservation planning Moderator: Saenna Correa-Garcia	General Session: Inverts Moderator: Konicek, Kelli			
9:00AM	#245 Title: Successful Planting Of Metrosideros polymorpha ('Ohia') Is Possible In Forest Sites With Active Ceratocystis (Rapid 'Ohia's Death) Infections Author: Stephanie Yelenik	Workshop #421 Title: Advancing Locally and Culturally Attuned Monitoring and Reporting Moderators: Pua'ala Pascua, Eleanor Sterling, Mamei Meja, Tamara Ticktin, Rachel Dacks	#734 Title: Promise and Peril on Hawai'i's Edge: Management and Conservation on Lana'i Author: Sprague, Jonathan	#41 Title: Actions for Future Abundance: Investigating Perceptions of Coral Reef Health and Pro-environmental Behavior among Coastal Users in West Maui, Hawai'i Author: Santana, Francisca	#202 Title: The Micronesia Challenge: Conserving Ecosystems in the Islands of Micronesia Author: Greenstone-Alefaio, Tamara	9:00am	#335 Title: Queensland Longhorn Beetle (Acaliopota aesthetica) in Hawai'i: Invasion Status and Key Unknowns Author: Sofaer, Helen	9:08am	#610 Title: New Insights into the Life History of the Endangered Orangeback Hawaiian Damselfly (Megagrion xanthomelas) Learned Through Captive Rearing Author: Konicek, Kelli R
9:15AM	#437 Title: Efficacy Tests of Commercial Fungicides Against Rapid 'Ohia's Death In Vitro and by Trunk Injection Author: Keith, Lisa		#509 Title: Homaola: Caring for Lana'i's Biocultural Landscape Author: Preza, Shelly	#347 Title: Management thresholds for coral reef stressors: evidence synthesis for informed action Author: Tuttle, Lillian J.	#316 Title: Managing for recovery of endangered species with the Spatial Monitoring and Reporting Tool (SMART) Author: Cronin, Drew	9:16am	#698 Title: Reintroduction Efforts for the Orangeback Hawaiian Damselfly (Megagrion xanthomelas) on O'ahu Author: Sandrich, Mathew Victor	9:24am	#713 Title: The Pacific Island Land Snail Biodiversity Repository (PILSBRY) Portal: enhancing research and conservation management of this highly endangered fauna Author: Marmo, Taylor
9:30AM	#638 Title: Determining symptomatic ROD phase duration from high frequency visible wavelength aerial imaging Author: Sullivan, Tim		#432 Title: Botanizing on Lana'i: Rare Plants, Weed Control, and Biosecurity Updates Author: Bogner, Kari Kristine	#500 Title: Examining coral community composition and 3D habitat structure on shipwrecks located in Apsu Harbor, Guam Author: Ferreira, Sofia	#726 Title: Exploring Partnerships to Expand Capacity for Environmental Regulation and Legislation in Pacific Island Jurisdictions Author: Porter, Andrew Nowell				
9:45AM	15 minutes for questions/discussion		#338 Title: Habitat Suitability Modeling and Conflict Analysis of Game Mammals and Native Plants on the Hawaiian Island of Lana'i Author: Hess, Steven Craig	#449 Title: White Syndrome: Insights from a decade of coral disease monitoring in Guam Author: Greene, Austin	#588 Title: Hawai'i Drought Knowledge Exchange Author: Longman, Ryan James				
SESSION #8 10:00AM - 11:00AM	Symposium #156 Title: Scientific advances in understanding Rapid 'Ohia's Death Moderator: Friday, James Boyd	Workshop #421 Title: Advancing Locally and Culturally Attuned Monitoring and Reporting Moderator: Pascua, Pua'ala	#164 Title: Biodiversity and Resilience on Lana'i Moderator: Sprague, Rachel	General Session: Coral Reef Ecosystems Moderator: Mark Hixon	General Session: decision making - policy, governance, legislation, regulation, enforcement, conservation planning Moderator: Saenna Correa-Garcia	General Session: Birds and Bats Moderator: Washburn, Brian			
10:00AM	#357 Title: Development and Implementation of the Suspect Rapid 'Ohia's Death Trees Management Tracking System Author: Tucker, Brian	Workshop #421 Title: Advancing Locally and Culturally Attuned Monitoring and Reporting Moderators: Pua'ala Pascua, Eleanor Sterling, Mamei Meja, Tamara Ticktin, Rachel Dacks	#388 Title: Remote Trap Monitoring: So Many Traps, So Little Time Author: Pisani, Christina	#296 Title: A genetic database for improved detection of alien and native sponge species of O'ahu Author: Vicente, Jan	#273 Title: An interface between Art and Science: Empowering the local Maori voice in a Graphical Representation of New Zealand's Biological Heritage (Flora & Fauna) Author: Aitken, Jodanne Grace (& Shadobli, Marcus-Rangonuihiao Undergraduate Student)	10:00am	#207 Title: Using landscape genetics to enhance the mana associated with katiakianga of Northland Brown Kiwi Author: Hura, Angelia Josephine	10:08am	#318 Title: Is Mitigation Translocation an Effective Method for Reducing the Risk of Collisions Between Moai and Military Aircraft? Author: Washburn, Brian
10:15AM	#365 Title: Response of ambrosia beetles to 'Ohia infected with Ceratocystis lukuohia Author: Peck, Robert		#438 Title: Kahuli on Lana'i Hale, a Brief Introduction to Land Snails on the Island of Lana'i and the Efforts to Save Them From Extinction Author: Sischo, David	#85 Title: Assessment of Coral Reef Community Restructuring Throughout Bleaching and Recovery Using Environmental DNA in Hawai'i Author: Nichols, Patrick Kendall	#632 Title: Assessing Social Networks to Better Manage for Abundance Author: Dacks, Rachel	10:16am	#412 Title: What is That Thing? Quantifying Behavioral Responses of Nēnē to a Novel Non-lethal Hazing Method Author: Washburn, Brian Eric		
10:30AM	#630 Title: Kila-Heating and Boron Dip Diffusion Treatments of 'Ohia Logs to Eradicate Viable Ceratocystis Fungi Author: Hughes, Marc A.		#216 Title: Stabilizing Lana'i's Endangered Hawaiian Petrel Colony and Building a Lifesboat for Recovery Author: Sprague, Rachel	#637 Title: 3D SPM Photogrammetry and eDNA Methodologies for Assessing Coral Cover Author: Bonis-Erickson	#188 Title: Developing place-based indicators of cultural ecosystem services in West Hawai'i Author: Ingram, Rebecca Joan				
10:45 AM	#431 Title: Kūkkua: a new remote sampling device for testing suspect ROD trees Author: Perroy, Ryan		#290 Title: HOMEWARD BOUND - TRACKING ENDANGERED HAWAIIAN PETRELS ON LANA'I Author: Rame, Andre Francis	15 minutes for questions/discussion	#224 Title: Regulation and Enforcement Effectiveness of Natural Resources on O'ahu, Hawai'i Author: Hendrickson, Cole				
11:00AM - 11:15AM	15 minute break								
SESSION #9 11:15AM-12:15PM	#204 Title: Education and Management for Rapid 'Ohia's Death Moderator: Friday, James Boyd	#312 Title: Malama I Ke Kai: Community Action Guide for Coastal Abundance Moderator: Karin Osuga	#602 Title: Managing, sharing, and using biological information: a brainstorming session on information needs in Hawai'i with natural resource managers and Hawai'i Biological Survey (Bishop Museum) scientists. Moderator: Gallaher, Timothy	General Session: Seabirds Moderator: Hannah Moon	General Session: decision making - policy, governance, legislation, regulation, enforcement, conservation planning Moderator: Cathleen Bailey	Workshop on International Union for the Conservation of Nature (IUCN) 2020 Motions Moderators: Denise Antolini, David Forman Emily Gaskin, and Kevin Wrabley			
11:15AM	#378 Title: 'Aho'ama Momona: Five Years of Seed Banking for the Future of 'Ohia' Author: Chau, Marian M	#312 Title: Malama I Ke Kai: Community Action Guide for Coastal Abundance Moderator: Karin Osuga	#602 Title: Managing, sharing, and using biological information: a brainstorming session on information needs in Hawai'i with natural resource managers and Hawai'i Biological Survey (Bishop Museum) scientists.	#605 Title: Optimal Resource Allocation to Minimize Human Impact on Wedge-tailed Shearwaters Nesting in Beach Parks on O'ahu Author: Gonsalves, Megan	#334 Title: Who decides what counts? Honoring diverse cultures values in environmental policy frameworks on Hawai'i Island. Author: Telle, Svenja	Faculty, graduates, and students of the William S. Richardson School of Law will review a selection of motions being considered by the IUCN as well as the motions process. This overview will be of particular interest to IUCN members as well as those working in international policy.			
11:30AM	#446 Title: Hawai'i Island ROD Surveillance, Monitoring and Management Update Author: Stormont, William T	Presenters: Edwin 'Ekolua' Lindsey, Scott Crawford, Claudia Kaloua, Peter 'Pekele' Lind, Jerome Junior Kekiki, Jade Alohiani Smith, Lipa Kahaleauihi, Sam IV Akoi, Emily Fielding, Norman 'Bash' Martin, Kristy Wong, Mavis Oliveira-Madretos, Mary Ann Kahana	Moderator: Gallaher, Timothy	#118 Title: Meta-Barcoding: DNA-barcoding of barfly yields insights into seabird foraging ecology Author: Nimz, Ilana	#106 Title: Linking monitoring data to conservation management through triggers for action Author: Hilton, Mairi	Moderators: Denise Antolini, David Forman, Emily Gaskin, and Kevin Wrabley			
11:45AM	#414 Title: Kuaa'i Rapid 'Ohia's Death: Facing the Unique Challenges of Preventing the Spread of ROD on Kuaa'i Author: Hedrick, Alicia and Rogers, Kim			#295 Title: Of 'Uia'a kani and Naupaka: Seabird Color Perception and Nesting Habitat Author: MOON, HANNAH	#727 Title: Legal Actions on Behalf of Future Generations Author: Forman, David	Presenters: Ryan McDermott, Kelli Ann Kobayashi, Joseph Udeli, Miranda Stank, Keona Bleed			
12:00PM	#706 Title: 'Ohia Rapid 'Ohia's Death Response, Sampling, And Considerations Author: Harmon, James, Carvalho, Kepano; Lewis, Jordan			#235 Title: Many hands together: a multi-pronged approach to endangered seabird habitat preservation in Upper Limahuli Preserve, Kaua'i Author: Nagendra, Uma	15 minutes for questions/discussion				
12:15PM - 1:15PM	One Hour Lunch Break								
SESSION #10 1:15PM-2:15PM	#287 Title: Multiple Perspectives in Managing for Bio-cultural Abundance in the Ahupua'a of Pu'uwa'awa'a, North Kona, Hawai'i Author: Adkins, Edith	#313 Title: Innovations in fish diversity assessment methodology in Hawai'i streams and estuaries Author: Rii, Yoshimi Mia	Children Yoga Session Presenter: Sarah Grisafi	General Session: Biosecurity/Invasive Species Moderator: Courtney Yoshizama	Symposium #461 Title: Transforming conservation through Indigenous perspectives Moderator: Winter, Kawika	General Session: Conservation Collaborations Moderator: Serra, Shelby			
1:15PM	#117 Title: Relationships for 'Aina Aloha: the Pu'uwa'awa'a Community Based Subsistence Forest Area - A Pilot Cooperative Project Author: Kamelamelu, Katie	#313 Title: Innovations in fish diversity assessment methodology in Hawai'i streams and estuaries Moderator: Rii, Yoshimi Mia	Children Yoga Session (30 mins) Presenter: Sarah Grisafi	#635 Title: The Efficacy of the Wake Atoll Biosecurity Plan Author: Hathaway, Stacie	#466 Title: Engaging Indigenous agency through collaborative management to achieve effective conservation in Hawai'i Author: Winter, Kawika	1:15pm	#669 Title: The integration of 'ike ku'aua and ecology in the collaborative design of a bio-cultural restoration agroforest on Pu'u'ula in He'eia. Author: Wong, Maile	1:23pm	#618 Title: A Friendly Collaboration Between Private organizations, Government agencies, Humans and Machines to Improve the Efficiency of Using Camera Traps for Threat Detection and Management in Hawai'i's Ecosystems Author: Aruch, Sam
1:30PM	#666 Title: Prioritizing and Planning Conservation Actions in the Ahupua'a of Pu'uwa'awa'a and Pu'u'uanahu in North Kona Author: Adkins, Edith	Presenters: Kim Falinski, Aurelia Gonzalez, Hi'ilei Kawelo, Glenn Higashi, Cory Yap, Matthew Tachei, Anthony Olegario, Katy Hintzen	Open (30 mins)	#223 Title: An Investigation into the Possible Introduction of the Venomous Box Jellyfish, <i>Alatina alata</i> Author: Harrington, Anita Grace	#249 Title: Stup i tambu! Traditional conservation methods in Melanesia Author: Lamaris, John	1:31pm	#442 Title: The Crossroads of Malama 'Aina and Capitalism: A Survey of Ecotourism Practices and Preference in Hawai'i Author: Dunn, James Eston	1:39pm	#522 Title: Expanding Drought Knowledge with Land Manager Perspective Author: Kunz, Melissa
1:45PM	#625 Title: Place-based conservation as a way of building strong pilina between people and the environment Author: Macdonald-Kainoa, Liana			#567 Title: Discovery of a new red limu with invasive traits at Manawai, Pāpāhānaumokuākea Marine National Monument Author: Spalding, Heather	#114 Title: Kua, Lako, Mo'ō: Three basic pathways exploring indigenous bio-cultural perspectives in Hawai'i Author: GON, Sam 'Ohu	1:47pm	#327 Title: Making a Beach Cleanup "Count" Through Citizen Science Author: Serra, Shelby	1:55pm	#687 Title: Preventing Aquatic Species Introductions through Collaborative Partnerships in Hawai'i: A Case Study Author: Dunn, Natalie
2:00PM	#436 Title: An integrated approach to long-term wildfire resilience of both people and place Author: Barretto, Andrea Nani			#225 Title: Evaluating Protection Strategies for an Invasive Plant Species: <i>Miconia calvescens</i> Author: Lewis, David	15 minutes for questions/discussion				
SESSION #10 2:15PM-3:15PM	#287 Title: Multiple Perspectives in Managing for Bio-cultural Abundance in the Ahupua'a of Pu'uwa'awa'a, North Kona, Hawai'i Author: Adkins, Edith	Forum #514 Title: Strengthening Conservation Capacity through the Kai Kuluana Network. Moderator: Most, Rebecca Jane and Walsh, Cecile	Forum #215 Title: Learning through Conservation: The role and impact of internships, fellowships, and other learn-by-working models in Hawai'i conservation Moderator: Reppun, Frederick and Shimi Rii	General Session: Biosecurity/Invasive Species Moderator: Courtney Yoshizama	Symposium #461 Title: Transforming conservation through Indigenous perspectives Moderator: Winter, Kawika	General Session: Managing Water Resources for Community and Ecological Resilience Moderator: Mari Quinn			
2:15PM	#741 Title: Forest Products to Create Abundance at Pu'uwa'awa'a Author: Sprecher, Irene	FORUM #514 Title: Strengthening Conservation Capacity through the Kai Kuluana Network. Moderator: Most, Rebecca Jane and Walsh, Cecile	FORUM #215 Title: Learning through Conservation: The role and impact of internships, fellowships, and other learn-by-working models in Hawai'i conservation Moderator: Reppun, Frederick and Shimi Rii	#371 Title: Maui Gingerivitis: An Increasing Problem Author: Kanaakaia Jr, Gael	#518 Title: The Micronesia Conservation Trust: Supporting Micronesia Communities in Conservation (Success Stories) Author: Kotika, William	2:15pm	#275 Title: Using Native Oysters to Improve Water Quality and Clarity in Kane'ohē Bay, O'ahu Author: Spencer, Jessica Angel, Anne Brasher, Pavica Srsen	2:23pm	#583 Title: Working Together for Clean Water: Developing a Pathway to Integrate Community Feedback for a Successful Hawai'i Cesspool Conversion by 2050 Author: Perez, Erica
2:30PM	#616 Title: Place Based Innovations - Creating and Refining Data Collection, Analytics, and Project Management for Dry Forest Ecosystems Author: Aruch, Sam			#260 Title: Potential fertility targets for mammalian gene drive pest control Author: Clark, Anna	#662 Title: Understanding Local Pig Hunters' Values and Practices as a Way Towards Collaborative Management of Hawai'i's Pua'a (Feral Pigs; Sus scrofa) Author: Luan-HU'eu, Kipu'a K.	2:31pm	#422 Title: Mauka to Makai: Investigating the Viability of EPA Storm Water Management Model to Identify Polluted Stormwater Runoff Hotspots in Maunaloa Bay Author: Johnson, Erica	2:39pm	#647 Title: Mālama Pu'u'aloa: Can a Community Clean Up a Superfund Site? Restoring Pearl Harbor to 'Aina Momona Author: Ward, Sandy

2:45PM	#524 Title: Dry forest habitat for Hawaii's native birds Author: Paxton, Eben	Presenters: Malia Kipapa, Charles Young, Charles Leslie, Krista Johnson, George Fry, Hannah Kihalani Springer, Ku'ulei Keakealani, Diane Kaneali'i, Reggie Lee	Presenters: Kamuela Enos, Sharon Ziegler-Chong, Alofa Taeli, Kalani Quioko	#315 Title: Taking invasive rodent management to greater heights Author: Nance, Alexandra Hilary	#116 Title: Malo'o Ka Lani, Wela Ka Homa: When The Sky Is Dry, The Earth Is Parched - Living Well Within Our Water Budget Author: Kamelamela, Katie	2:47pm	#672 Title: Does the native green limu Chara zeylanica keep fresh and brackish waters clear? Author: Evanichuk, Cassandra Suzanne		
3:00PM	#426 Title: Can you have your cake and eat it too? Using non-native ungulates to protect threatened native ecosystems and provide a perpetual, sustainable hunting program Author: Sproat, Kanalu			15 minutes for questions/discussion	15 minutes for questions/discussion				
3:00PM - 3:15PM									
15 Minute Break									
SESSION #11 3:30PM-4:30PM	#189 Title: Native forest birds on the brink: Wolbachia to the rescue? Moderator: Penniman, Teya M.	Symposium #56 Title: The Challenges of Managing Conservation- reliant Species Moderator: Jacobi, Jim	Workshop #633 Title: Perpetuating 'Aina Momona through Loko I'a Culture Moderator: Asuncion, Brenda	Nutritional Foods: Presenter: Kimora Brock	Forum #128 Title: Na Kilo 'Aina: Building Communities of Conscious People of Place to Support 'Aina Momona: productive and thriving communities Moderator: Andrade, Pelika		General Session: Managing Water Resources for Community and Ecological Resilience Moderator: Mari Quinn		
3:30PM	#544 Title: An Overview of the Current Distribution and Population Status and Recent Trends of Hawaiian Honeycreepers, Major Threats and Challenges for Recovery Author: Berry, Lainie	#67 Title: The concept of conservation-reliant species and implications for species conservation Author: Van Horne, Beatrice and Scott, Mike	#633 Title: Perpetuating 'Aina Momona through Loko I'a Culture Moderator: Asuncion, Brenda	Nutritional Foods! Join up and coming wellness guru, Kimora Brock, for a 30-minute session on nutritional and sustainable food choices! Kimora will be joining us live from Washington, DC! Bring a notepad, you'll want to remember the tips she shares! Presenter: Kimora Brock	#128 Title: Na Kilo 'Aina: Building Communities of Conscious People of Place to Support 'Aina Momona: productive and thriving communities Moderator: Andrade, Pelika	3:30pm	#282 Title: Stop Aquatic Hitchhikers: The Prevention of Alien Invasive Species Introduction Through Effective Ballast Water and Biofouling Management Author: Luitgarden, Sydney Rae	3:38pm	#497 Title: Beach conservation threatened by shoreline hardening and sea level rise Author: Tavares, Kammie
3:45PM	#566 Title: Distribution of Avian Malaria in Native and Non-native Forest Bird Communities Across Hawai'i Author: Abraham, Elizabeth	#301 Title: Cultural and socioeconomic contexts of managing conservation-reliant species Author: Woodside, Ulalia	Presenters: Brenda Asuncion, Barbara Seidel, Dena Sedar, Lehua Kamaka, Noelani Lee, Ku'ulei Keakealani, and Tiama Henderson		Presenters: Emily Cadiz, Kim Morishige, Lauren Kapono, Kanoelani Steward	3:46pm	#576 Title: Evaluating Policy of the United States Intended to Reduce Vessel Strikes to Large Cetaceans in the Pacific Author: Boord, Jesse Wayne	3:54pm	#593 Title: Analyzing the microbiome of five macroalgal species from One'ula Beach, 'Ewa, O'ahu Author: Kuba, Gabrielle Marie
4:00PM	#712 Title: Southern House Mosquito (Culex quinquefasciatus) Ecology in Hawai'i: Current Understanding, Knowledge Gaps, and Models to Support Effective Implementation of Landscape-level Vector Control Author: McClure, Katherine M.	#592 Title: Conservation Management Prioritization by the State of Hawaii Division of Forestry and Wildlife Author: Smith, David				4:02pm	#627 Title: Improving Hawai'i's Genetic and Taxonomic Organism Inventory Using Autonomous Reef Monitoring Structures (ARMS) Author: Devine, Genevieve		
4:15PM	#459 Title: Understanding changes in space and time in the distribution and relative abundance of C. quinquefasciatus on Kaua'i Author: Shoback, Kimberly Diana	#172 Title: Managing conservation reliant species through predator exclusion fencing and landscape level control Author: Young, Lindsay Chynna							
SESSION #11 4:30PM-5:30PM	#189 Title: Native forest birds on the brink: Wolbachia to the rescue? Moderator: Penniman, Teya M.	Symposium #56 Title: The Challenges of Managing Conservation- reliant Species Moderator: Jacobi, Jim	#633 Title: Perpetuating 'Aina Momona through Loko I'a Culture Author: Asuncion, Brenda	Yoga/Meditation Session Presenter: Daruce Grace	#157 Title: Community Guide to Land Conservation in Hawai'i Moderator: Hong, Lea		General Session: Aquatic/Marine Ecosystems Moderator: Tiffany Anderson		
4:30PM	#425 Title: Changes in Mosquito Distribution and Avian Malaria Prevalence in Kipahulu Valley, Haleakala National Park Author: LaPointe, Dennis Albert	#200 Title: Integrated landscape planning for species at risk Author: Fretz, J. Scott		Yoga/Meditation Session (30 mins) Presenter: Daruce Grace	#157 Title: Community Guide to Land Conservation in Hawai'i Moderator: Hong, Lea	4:30pm	#629 Title: Using Geographic Information Systems to Model Sea Level Rise Refugia for Endangered Species Author: Motley, Kai	4:38pm	#119 Title: Ask and you shall receive: a coral-safe dive briefing reduces SCUBA diver contacts with reefs Author: Williams, Ashton Nicole
4:45PM	#639 Title: The Symbiote That Could: Using Wolbachia to Reduce Disease Transmission in Hawai'i Author: Fisher, Joshua Peter	#177 Title: Managing conservation-reliant species relative to the Endangered Species Act Author: Hartl, Brett	Presenters: Brenda Asuncion, Barbara Seidel, Dena Sedar, Lehua Kamaka, Noelani Lee, Ku'ulei Keakealani, and Tiama Henderson		Presenters: Laura Kaakua and Keoni Fox	4:46pm	#724 Title: Managing issues of near-shore fisheries in Hawai'i: a policy analysis of the state's marine aquarium fishery Author: Schaar, Siena isabel	4:54pm	#495 Title: Investigating Regime Shifts in Northwest Hawai'i Coral Reef Systems Author: Olsen, Amy Yumiko
5:00PM	#641 Title: Race Against Extinction: Applying Wolbachia to Save Hawai'i's Forest Birds Author: Farmer, Chris	#58 Title: Looking Towards the Future Author: Mehrtzoff, Loyal		Open (30 mins)		5:02pm	#539 Title: Effect of Fragmentation and Isolation on Utilization of Bleached Coral Reef by Hawaii fish assemblages Author: Giardina, Sonia	5:10pm	#684 Title: Kaelepulu: Investigating an Impaired Estuary Author: Esthill, Derek
5:15PM	#730 Title: Community Engagement and the Use of Biotechnology for the Conservation of Hawai'i's Forest Birds Author: Penniman, Teya M.	15 minutes for discussion							
5:30PM - 5:45PM									
Daily Closing Protocol									