



4th CARIBAEA INITIATIVE RESEARCH & CONSERVATION CONFERENCE

15 - 17 MAY, 2019

Crowne Plaza Hotel, Santo Domingo, Dominican Republic

TENTATIVE PROGRAM

* eligible for the Dawn A.T. Philip Award for the best student talk

TUESDAY 14 MAY

17:00 – 18:30 Registration to the Workshop, Oceania Conference room – Ground floor

WEDNESDAY 15 MAY

8:00 – 8:45 Registration to the Workshop, Oceania Conference room – Ground floor

9:00 – 9:20 Opening Ceremony (Oceania Conference room – Ground Floor)

- José David Hernández Martich, Director of the School of Biology, Universidad Autónoma de Santo Domingo

- Vincent Gleizes, Cooperation Officer, Embassy of France in Dominican Republic

- Carlos Rodríguez, Research Director, Dominican Republic Ministry of Higher Education, Science and Technology

- Frank Cézilly, President, Caribaea Initiative

9:25 – 10:25 Plenary session - Janine Seetahal: *The role of bat movement in viral translocation within the Caribbean* (Oceania Conference room – Ground floor)

Chair: Frank Cézilly

10:30 – 10:50 Coffee break

10:50 – 12:25 Session 1 (parallel) – Veterinary Sciences and Conservation (Oceania Conference room – Ground Floor)

Chair: Silvina Gonzalez-Rizzo

10:50 – 11:15 Nicole Atherley*: *Diseases of the Caribbean spiny lobster, Panulirus argus*

11:20 – 11:35 Miguel Flemming*: *Surveillance of infectious diseases throughout the production cycle of the overharvested wild and cultured West Indian Top Shell Snail (Cittarium pica)*

11:40 – 11:55 Anne A.M.J. Becker: *Pathology of fungal infection in Caribbean sea fans (Gorgonia spp.)*

12:00 – 12:25 Mark Freeman: *Heterophyid dermatitis – a reason to pass on reef fish ceviche*





10:50 – 12:35 Session 2 (parallel) - Ornithology 1 (Onix Conference room – First floor)

Chair: Simon Guerrero

10:50 – 11:15 Marta Curti: *Research and conservation actions to protect the critically endangered Ridgway's Hawk (Buteo ridgwayi) in the Dominican Republic*

11:20 – 11:45 Martin Quiroga: *Mitigating Philornis parasitism on the Ridgway's Hawk: mid- and long-term control methods*

11:50 – 12:15 Thomas Hayes: *Conservation of the critically endangered Ridgway's Hawk (Buteo ridgwayi)*

12:20 – 12:35 Mark Hulme: *Migratory passerine habitat selection in the Caroni Swamp, Trinidad*

12:35 – 14:00 Lunch break (Americas D meeting room)

14:00 – 16:00 Session 3 (parallel) Reptiles and Amphibians (Oceania Conference room – Ground floor)

Chair: José David Hernández Martich

14:00 – 14:25 Roberto Alonso Bosch: *Bases for conservation of the most threatened Cuban toad, Peltophryne florentinoi (Anura: Bufonidae).*

14:30 – 14:45 Rachel Batista Alvarez: *Thermal ecology of the Anolis rubribarbus clade (Reptilia: Dactyloidae)*

14:50 – 15:15 Annabelle Vidal*: *Behavioural variation in a Cuban lizard in suburban environments*

15:20 – 15:35 Sergio del Castillo Dominguez*: *Potential distribution of a newly introduced frog in Cuba, Leptodactylus fragilis (Anura: Eleutherodactylidae): Predicting the invasion of the acoustic niche*

15:40 – 15:55 Jeffrey Mackenzy Paul*: *Status and assessment of the herpetofauna of the Martissant National Urban Park, Haiti: preliminary results and implications for conservation*

14:00 – 16:00 Session 4 (parallel) Ornithology 2 (Onix Conference room – First floor)

Chair: Maikel Cañizares Morera

14:00 – 14:25 Spencer Schubert*: *Temporal dynamics of plant-frugivore networks in the tropical wet forests of Hispaniola: understanding the role of phenology in shaping community assembly*

14:30 – 14:55 Asa-Marie Sargeant: *The effects of disturbance on leks of the White-bearded Manakin, Manacus manacus, in the Arima Valley, Trinidad*





15:00 – 15:25 James T. Anderson: *Nocturnal and diurnal time-activity budgets of Masked Ducks and Ruddy Ducks in Puerto Rico*

15:30 – 15:55 Simon Guerrero: *Nidification of the Hispaniolan Trogon, Priotelus roseigaster (Aves: Trogonidae), and Hispaniolan Woodpecker, Melanerpes striatus (Aves: Picidae) in the Ebano Verde Scientific Reserve, la Vega, and in the University Campus, Santo Domingo, Dominican Republic*

16:00 – 16:20 *Coffee break*

16:20 – 18:00 Session 5 (parallel) Entomology (Oceania Conference room – Ground floor)

Chair: François Bretagnolle

16:20 – 16:35 Pierre Michard Beaujour*: *Relationships between the diversity of Odonate assemblages and the quality of aquatic environments in the West Indies: practical implications for habitat management and species conservation*

16:40 – 16:55 Claudia Loiz*: *Diversity and level of endemism of Actiinae (Lepidoptera: Erebidae) in relation to the diversity and level of endemism of the vegetation in Western Cuba*

17:00 – 17:25 Michel Faife-Cabrera: *Pollinator assemblages of Melochia species: diversity and efficiency in disturbed habitats*

17:30 – 17:55 Michael A. Ivie: *A thousand new species of beetles for Cuba*

16:20 – 18:15 Session 6 (parallel) Conservation, monitoring and management (Onix Conference room – First floor)

Chair: Darren Browne

16:20 – 16:45: Doris Joseph, Regis Delannoye & David Maceira *"SELA Biodiversité Same diversity of life but diversity of practice "Implementation of a rapid biological, sociological and technological inventory in the mangrove of the Cohé du Lamentin and Génipa Bay (Martinique, FWI)"*

16:50 – 17:15 Jean-Marc Blazy: *Enhancing biodiversity levels in farming systems to strengthen their resilience and restore ecological corridors*

17:20 – 17:35 Haley Arnold*: *Biodiversity and conservation value of cocoa plantation secondary forests through succession*

17:40 – 17:55 Shanna Challenger*: *Redonda reborn: the impact of invasive species removal on a Caribbean island ecosystem*

18:00 – 18:15 Nekaisha Legerton*: *Mammalian and avifaunal monitoring within a semi protected area at Corbin Wildlife Sanctuary, Tobago*





THURSDAY 16 MAY (Oceania conference room – Ground floor)

9:00 – 10:00 Plenary Session - Ingo Schlupp: *Freshwater fishes and water resources of the larger Caribbean islands: problems and prospects*

Chair: Frank Cézilly

10:00 – 10:20 Coffee break

10:20 – 12:15 Session 7 Freshwater ecology

Chair: Roger Pradel

10:20 – 10:35 Kerri-Ann Bennett: *A survey of fish species in certain Jamaican rivers*

10:40 – 11:05: Rodet Rodriguez Silva*: *Thermal tolerance ranges of livebearing fishes of the genus *Limia* (Teleostei, Poeciliidae)*

11:10 – 11:35: Wilson Célestin: *Growth and spawning of a native fish, *Cichlasoma haitiensis*, and an exotic species, *Oreochromis niloticus*, in Azuei Lake, Haiti*

11:40 – 11:55 James Josaphat*: *Patterns of freshwater invertebrate communities over space: a comparison of recreational and non-recreational sites in Trinidadian rivers*

12:00 – 12:15 Patricia Torres-Pineda: *Population structure and abundance of *Limia zonata* (Cyprinodontiformes: Poeciliinae) in the Maimón river, Dominican Republic*

12:15 – 14:00 Lunch break (Americas D meeting room)

14:00 – 15:25 Session 8 Mini-symposium: Enhancing coastal resilience through ecosystem restoration

Chair: Wilson Célestin

14:00 – 14:25 Louise Soanes: *Improving coastal ecosystem resilience to climate change in Anguilla*

14:30 – 14:45 Mike Helion: *Caribbean Network for coastal risks related with climate change*

14:50 – 15:05 Suzan Zaluski: *Improving small island resilience and self-sufficiency in habitat monitoring and management*

15:10 – 15:25 Ruleo Camacho*: *Redonda's nearshore marine habitat and its associated offshore banks*

15:30 – 15:50 Coffee break





15:55 – 18:00 Session 9 Mini-symposium on the Caribbean Biological Corridor

Chair: Nicasio Viña

15:55 – 16:55 Plenary Session - Luz Margarita Figueredo Cardona: *Shared ecosystems: a form of connectivity in the Caribbean*

17:00 – 17:15 Sixto J. Inchaustegui: *Biodiversidad amenazada del Caribe*

17:20 – 17:35 Miguel Santiago Núñez-Novas: *Potential distribution of bats in Hispaniola*

17:40 – 18:30 Round Table discussion: *Developing cooperative research and conservation projects in the framework of the Caribbean Biological Corridor*

FRIDAY 17 MAY (Oceania conference room – Ground floor)

9:00 Announcements

9:15 – 12:00 Session 10 Marine Ecology and Conservation

Chair: Henri Vallès

9:15 – 9:40 Darren C.B. Browne: *Migration routes and foraging habitat of hawksbill turtles with extended nesting history in Barbados*

09:45 – 10:00 Holly Trew*: *Abundance, distribution, and growth of the excavating sponge Cliona delitrix on Barbados' south and west coasts*

10:00 – 10:20 Coffee break

10:20 – 10:45 Daphne Willems: *Conserve the Cuban corals for the world*

10:50 – 11:05 Jeniece Germain*: *Patterns of micro-habitat use by two sympatric cleaner gobies, Elactinus evelynae and E. prochilos*

11:10 – 11:35 Reia Guppy: *Preserving the viscous coral surface mucus layer using acid glycol methacrylate (GMA) resin*

11:40 – 11:55 Charlotte Dromard: *Agonistic territorial behaviour of Stegastes (Pomacentridae) according to the topographic characteristics of reefs*

12:30 – 14:00 Lunch break (Americas D meeting room)





14:00 – 15:45 Session 11 Ornithology 3

Chair: Mark Freeman

14:00 – 14:25 Maikel Cañizares Morera: *Trophic ecology of Cuban psittacids in Lomas de Banano Ecological Reserve, Cuba*

14:30 – 14:45 Steven Son*: *Evolution of morphological traits in the White-breasted Thrasher*
Ramphocinclus brachyurus brachyurus

14:50 – 15:05 Jean-Marry Exantus*: *Population biology of a bird species endemic to Haiti, the La Selle Thrush (Turdus swalesi): applications to the management and conservation of the species*

15:10 – 15:25 Lens Jerry Saint-Louis*: *Results of the first winter waterbird census over five major wetlands in Haiti*

15:30 – 15:45 Aurélie Jean-Pierre*: *Use of camera traps to estimate the relative abundance of Bridled Quail-Doves (Geotrygon mystacea) and Ruddy Quail-Doves (G. montana) on Guadeloupe island.*

15:45 – 16:05 *Coffee break*

16:05 – 17:40 Session 12 Molecular Ecology

Chair: Etienne Bezault

16:05 – 16:30 Marine Durocher: *Archaeobiogeography of extinct rice rats (Oryzomini) and agouti (Dasyprocta) in the Lesser Antilles during the Ceramic Age (500 BC to 1500 AD)*

16:35 – 17:00 Christopher Cambrone*: *Levels of genetic differentiation and gene flow between four populations of the Scaly-naped pigeon, Patagioneas squamosa: implications for conservation*

17:05 – 17:20 Naëma Beziat*: *First characterization of bacterial ectosymbionts colonizing gills of various Brachyra mangrove crabs*

19:30 **BANQUET DINNER (Caribe banquet room)**

