

ORAL PRESENTATIONS

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18 OCTOBER

Time: 16:00 – 18:00

Local: Auditorium (Area IV)

THE TAXONOMIC STATUS OF THE *MICRURUS LEMNISCATUS* COMPLEX

Matheus Godoy Pires, Hussam Zaher, Darlan Tavares Feitosa, Ana Lúcia da Costa Prudente & Nelson Jorge da Silva Jr.

THE TAXONOMIC STATUS OF THE AMAZONIAN CORAL SNAKE (*MICRURUS SPIXII*)

Lywouty Reymond de Souza Nascimento, Nelson Jorge da Silva Jr., Darlan Tavares Feitosa & Ana Lúcia da Costa Prudente

A FIRST INSIGHT INTO THE SYSTEMATICS AND SPATIO-TEMPORAL EVOLUTION OF OLD WORLD CORALSNAKES (GENERA *CALLIOPHIS* AND *SINOMICRURUS*)

Utpal Smart, Hidetoshi Ota, Robert, W. Murphy, Ming Chung Tu, Yogesh Shouche & Eric N. Smith

NEW PHARMACOLOGICAL TARGET OF THE *MICRURUS LEMNISCATUS* SNAKE VENOM: THE L-GLUTAMATE RELEASE IS REGULATED BY IONOTROPIC GLUTAMATERGIC RECEPTORS AND COULD BE INVOLVED IN CENTRAL NEUROTOXICITY OF THE ENVENOMING

Micheline Freire Donato, Ana Cristina Freitas, Fernanda Silva Torres, Christopher Kushmerick, Steven Aird & Maria Elena de Lima

19 OCTOBER

Time: 16:30 – 18:30

Local: Auditorium (Area IV)

PHYLOGEOGRAPHY OF *MICRURUS SURINAMENSIS* AND *MICRURUS LEMNISCATUS*

Renan Janke Bosque, Hussam Zaher, Guarino Rinaldi Colli, Omar Torres-Carvajal, Miguel Trefaut Rodrigues, Nelson Jorge da Silva Jr., Ana Lucia da Costa Prudente, Felipe Grazziotin, Laurie J. Vitt & Brice Noonan

***MICRURUS LEMNISCATUS* SNAKE VENOM: BIOPROSPECTING OF NEW MOLECULES WITH ANTITUMOR ACTIVITY IN GLIOMAS CELLS**

Micheline Freire Donato, Anderson K. Santos, Francisco Leandro Batista Filho, João Pedro Rios, Adriano de Castro Monteiro Pimenta, Rodrigo Ribeiro Resende & Maria Elena de Lima

NEW METHODOLOGY FOR *MICRURUS ALTIROSTRIS* (COPE, 1960) MAINTENANCE IN CAPTIVITY

Acácia Britto Winter, Moema Leitão de Araújo, Maria Lúcia Machado Alves & Roberto Baptista de Oliveira

DAILY ACTIVITY IN *MICRURUS FRONTALIS* AND *MICRURUS LEMNISCATUS*

Karina Rodrigues da Silva Banci, Natália Ferreira Torello Viera & Otavio Augusto Vuolo Marques

CAN CORALSNAKE FEMALES STOCK SPERM? A STUDY OF REPRODUCTIVE STRATEGIES IN *MICRURUS CORALLINUS* AND *MICRURUS FRONTALIS*

Erick Augusto Bassi & Selma Maria Almeida-Santos

EXPERIENCES IN MAINTAINING A LIVE CORALSNAKE COLLECTION IN CAPTIVITY FOR VENOM EXTRACTION PURPOSE: THE CASE OF THE CLODOMIRO PICADO INSTITUTE

Aarón Gómez, Danilo Chacón, David Sánchez, Jazmín Arias & Greivin Corrales

21 October

Time: 15:00 – 18:00

Local: Auditorium (Area IV)

IMPACTS OF CLIMATE CHANGE AND CONSERVATION OF THE SOUTH AMERICAN CORALSNAKE *MICRURUS ALTIROSTRIS* (COPE, 1860)

Márcio Borges-Martins, Alejandro Giraudo, Juan Andrés Sarquis, Júlio Cesar de Moura-Leite, Raúl Maneyro, Guilherme de Oliveira, Levi Carina Terribile & José Alexandre Felizola Diniz-Filho.

MEASURING THE LONG-TERM EFFECTIVENESS OF PROTECTED AREAS BASED ON HABITAT SUITABILITY: THE CASE OF THE POOR DISPERSAL CORALSNAKE *MICRURUS BRASILIENSIS* (SERPENTES: ELAPIDAE)

Cléber Ten Caten, Matheus de Souza Lima-Ribeiro, Nelson Jorge da Silva Jr., Ana Karolina Moreno & Levi Carina Terribile.

CLIMATE CHANGE AND GEOGRAPHIC CONSTRAINTS COULD THREATEN THE DISTRIBUTION OF THE CORALSNAKE *MICRURUS BALIOCORYPHUS* (COPE, 1862) IN THE FUTURE

Alejandro Giraudo, Nelson Jorge da Silva Jr., Juan Andrés Sarquis, Guilherme de Oliveira & José Alexandre Felizola Diniz-Filho & Levi Carina Terribile.

CLIMATE CHANGE AND RANGE SHIFTS IN THE DISTRIBUTION OF THE CORALSNAKE *MICRURUS CORALLINUS* (MERREM, 1820)

Darlan Tavares Feitosa, Paula Carolina Rodrigues de Almeida, Alejandro Giraudo, Juan Andrés Sarquis, Raúl Maneyro, Francisco Luís Franco, Renato Silveira Bérnils, Levi Carina Terribile, José Alexandre Felizola Diniz-Filho & Guilherme de Oliveira.

CLIMATE CHANGE VERSUS ALTITUDINAL RANGE FOR THE CORALSNAKE *MICRURUS DECORATUS* (JAN, 1858)

Renato Silveira Bérnils, Júlio Cesar de Moura-Leite, Guilherme de Oliveira, José Alexandre Felizola Diniz-Filho & Levi Carina Terribile.

FORECASTING CLIMATE CHANGE EFFECTS ON THE BRAZILIAN CORAL SNAKE *MICRURUS FRONTALIS* DUMÉRIL, BIBRON & DUMÉRIL, 1854 DISTRIBUTION

Francisco Luís Franco, Guilherme de Oliveira, Levi Carina Terribile, José Alexandre Felizola Diniz-Filho & Nelson Jorge da Silva Jr.

REPORTING LATITUDINAL EXPANSION IN THE DISTRIBUTION OF THE BRAZILIAN CORALSNAKE *MICRURUS IBIBOBOCA* (MERREM, 1820)

Lywouty Reymond de Souza Nascimento, Nelson Jorge da Silva Jr., Darlan Tavares Feitosa, Levi Carina Terribile, José Alexandre Felizola Diniz-Filho & Guilherme de Oliveira.

REDUCING WALLACEAN SHORTFALLS FOR THE *MICRURUS LEMNISCATUS* (LINNAEUS, 1758) SPECIES' COMPLEX: PRESENT AND FUTURE DISTRIBUTIONS UNDER A CHANGING CLIMATE

Levi Carina Terribile, Darlan Tavares Feitosa, Matheus Godoy Pires, Paula Carolina Rodrigues de Almeida, Guilherme de Oliveira, José Alexandre Felizola Diniz-Filho & Nelson Jorge da Silva Jr.

ANTICIPATING THE IMPACTS OF CLIMATE CHANGE ON THE DISTRIBUTION OF THE SOUTH AMERICAN CORALSNAKE *MICRURUS PYRRHOCRYPTUS* (COPE 1862): IMPLICATIONS FOR ITS CONSERVATION

Alejandro Giraudo, Vanesa Arzamendia, Gustavo Scrocchi, Juan Andrés Sarquis, Guilherme de Oliveira, José Alexandre Felizola Diniz-Filho & Levi Carina Terribile.

RANGE EXPANSION THROUGH FRAGMENTED LANDSCAPES UNDER A CHANGING CLIMATE: IMPLICATIONS FOR CONSERVATION OF THE SOUTHAMERICAN CORALSNAKE *MICRURUS SILVIAE* (DI-BERNARDO, BORGES-MARTINS & SILVA JR., 2007)

Márcio Borges-Martins, Alejandro Giraudo, Levi Carina Terribile, Guilherme de Oliveira, José Alexandre Felizola Diniz-Filho & Nelson Jorge da Silva Jr.

PREDICTING SHIFTS IN HABITAT SUITABILITY FOR THE AQUATIC CORALSNAKE *MICRURUS SURINAMENSIS* (CUVIER, 1817) THROUGH THE SOUTH AMERICAN HYDROGRAPHIC BASINS DUE TO CLIMATE CHANGE

Darlan Tavares Feitosa, Nelson Jorge da Silva Jr., Paula Carolina Rodrigues de Almeida, Levi Carina Terribile, Guilherme de Oliveira & José Alexandre Felizola Diniz-Filho.