



EXPLORING BIODIVERSITY IN THE LAND OF THE ARAWAKS

Winter Intersession BIO 4905X, 6905X Option I

1–14 January 2012

Godfrey R. Bourne, PhD—Zoologist

Karen Redden, PhD—Botanist

www.umsl.edu/studyabroad/winter/guyana.html

Course Description (3 lab credits)

Each of you (3-6) will be conducting visual and auditory censuses of animal and plant species in Guyana to produce a NG Research & Exploration-like article. Your individual research project will be developed in consultation with G. R. Bourne & K. Redden and will be executed at **CEIBA Biological Center and Dubulay Ranch**. You must employ species diversity indices and natural history information to make sense of your discoveries. Examples of productive areas for exploration are animal community structure and diversity in microecosystems—pools in bromeliads and heliconia (lobster claw) bracts, ant-plant and ant-hopper interactions, plant communities, lichen communities, and the usual, dragonfly, butterfly, ant, fish, lizard, frog, bird communities. **In addition to UMSL tuition & IT fees, each participant must pay a Program Fee of \$1675 to cover expenses in Guyana. It is prudent to have a minimum of US \$100 in cash for your own spending.**



Golden Rocket Frog



Red-billed Toucan



Golden-handed Tamarin



Green Lycid Butterfly

Fly to Guyana on 1–14 Jan 2012

BOOK YOUR OWN FLIGHTS soon after you've been accepted into the program estimated at \$1,150 for round-trip coach for STL to MIA to GEO. Fly on Sunday, January 1 and return on Saturday, January 14. American Airlines AA 2515 St. Louis (STL) to Miami (MIA) & AA 2007 Miami (MIA) to St. Louis (STL) Caribbean Airlines BW 483/1415 Miami (MIA) to Georgetown (GEO), one stop in Trinidad (POS) flight then becomes BW 1415; and GEO to POS on BW 1414/484, change plane in Trinidad to BW 484 to Miami.

The Program Fee includes airport exit tax from Guyana, primitive accommodations (i.e., living in huts in the rainforest, cold showers with black-water from a spring, using flushing outhouses etc.), all meals (multicultural Guyanese cuisine), overland trip to savanna ecosystem (Dubulay Ranch) on the Berbice River, and day trip to the spectacular 800 foot Kaieteur Falls in the oldest National Park in South America.

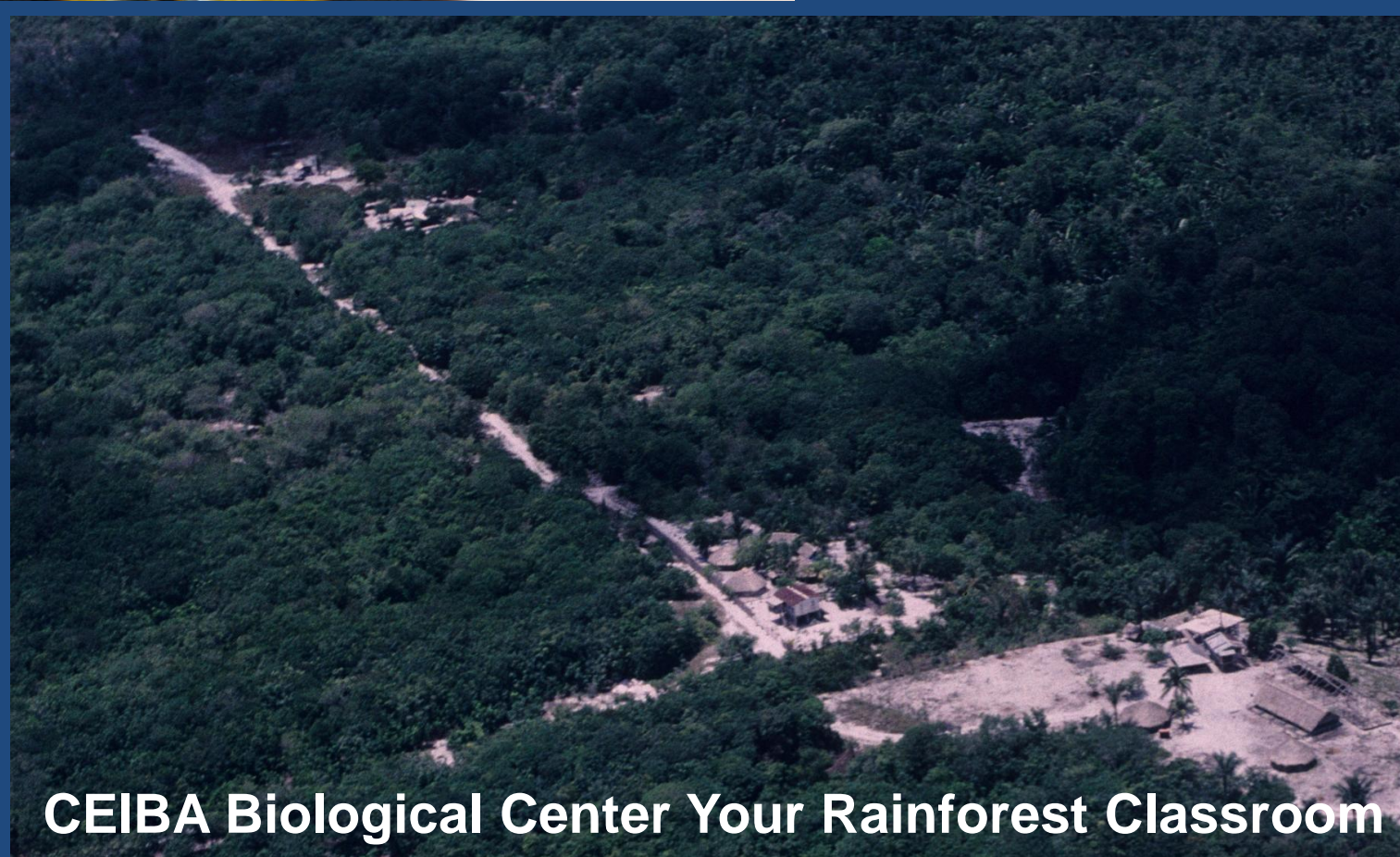
For more details, please contact Liz Shabani, Study Abroad Coordinator ShabaniE@umsl.edu

Bourne GR & Bourne CM (Eds.). 2010. The CEIBA Reader. Yerfdog Publishing, St. Louis, MO (\$45)

Photos G. R. Bourne 2008©



Kaieteur National Park



CEIBA Biological Center Your Rainforest Classroom

Priority Application Deadline: 23 September 2011

Final Application Deadline: 7 October 2011

Application materials available online at www.umsl.edu/studyabroad