

## **Deborah Baranga**

### **Professor of Zoology**

Marital Status: Married

#### **Contacts:**

Department of Zoology, Entomology & Fisheries Sciences; School of Bio- Sciences; College of Natural Sciences; Makerere University, Kampala.

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#### **Courses for teaching**

##### **Undergraduate**

Systematics & Diversity of Vertebrates (Mammals), Structure & Function of Vertebrates(Mammals), Reproduction & Development Biology, Applied Human Ecology, Animal Behaviour, Wildlife Ecology and Conservation

##### **Postgraduate Graduate**

Ecology & Behavior of Selected Invertebrates & Vertebrates, Methods of Invertebrate & Vertebrate Surveys & Assessments, Wildlife Conservation & Management

#### **1. Other Responsibilities**

- Quality Assurance Procedure
  - Member of the Departmental Examination Moderation Committee
- Mentoring through:
  - Supervision of Graduate Students
  - Internal Examining for Graduate Students
  - Membership to PhD Doctoral Committees
- External Examining to other Universities

#### **2. Recent Publications**

- Masette M.; G. Isabirye-Basuta; **D. Baranga**; C. A. Chapman & J. M. Rothman. (2015). The challenge of interpreting primate diets: mangabey foraging on *Blighia unijugata* fruit in relation to changing nutrient content. *Afr. J. Ecol.* 53:259-267.
- Masette M.; G. Isabirye-Basuta; **D. Baranga** & M. Chemurot (2015). Levels of tannins in fruit diet of grey-cheeked mangabeys (*Lophocebus ugandae*, Groves) in Lake Victoria Basin forest reserves. *J. Ecol. & Nat. Envir.* 7:146-157.
- Bulafu, C.; **D. Baranga**; P. Mucunguzi; R.J. Telford & V. Vandvik. (2013). Massive structural and compositional changes in forest fragments near Kampala, Uganda. *Ecology & Evolution*, 3:3804-3823.
- Bulafu, C.; **D. Baranga**; P. Mucunguzi; R.J. Telford & V. Vandvik. (2013).

Structural Changes are More Important than Compositional Changes in Driving Biomass Loss in Ugandan Forest Fragments, *Journal of Tropical Forestry and Environment* Vol. 3, No. 02.

- **Baranga, D.**, C. A. Chapman, P. Mucunguzi & R. Reyna-Hurtado. (2013). Fragments and Food: Red-tailed monkey abundance in privately owned forest fragments of Central Uganda; In: *Primates in Fragments: Complexity and Resilience*. Eds. L.K. Marsh & C.A. Chapman. Springer, New York.

### **3. Research interest /grants**

- Research interest: Ecology and conservation of Primates and their habitats
- Grants awarded for the following Projects:
  - a. 'Food plant Diversity and food nutrient content of the Grey-cheeked Mangabey (*Lophocebus ugandae*) in Mabira Forest Reserve, Uganda. Funding: NUFU
  - b. 'Wildlife conservation, forest management, cropping systems and crop raiding incidence: implications to food value and security in and around Mabira Forest Reserve, Uganda'. Funding: Makerere University Carnegie Competitive Research Grant
  - c. 'Opportunities, Challenges and Viable Interventions of Using River Flood Plains for Poverty Alleviation at Household Level in the Lake Victoria Basin'. Funding: SIDA/VicRes (Inter-University Council Project).
  - d. 'The Ecology & Conservation status of primates in selected forest fragments around the Kampala Area'. Funding: MATRIX Project, University of Bergen, Norway.

### **4. Community outreach involvement**

- Board member: Kampala Evangelical School of Theology (KEST)
- Member of Mothers' Union, St. Francis, Kampala Diocese
- Membership to Professional Bodies
- Consultancy service for various environmental issues