

Curriculum Vitae

Badru Mugerwa

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Nationality Ugandan
Date of birth 14th May 1984
Place of birth Kampala, Uganda
Sex Male
Languages Luganda (native), English (fluent),
German (Basic)
Correspondence English
language

Research fields and interests

Interactions between wildlife and human activity in human dominated landscapes, African golden cat, Biodiversity, Camera trapping, Community based conservation, Conservation biology, Geographical Information System, Protected areas, Statistical modelling, Tropical forest ecology.

Professional appointments

- 2018- To date Research Associate: Institute of Tropical Forest Conservation
- 2009 - 2015 Program Manager/ Principal Researcher: Tropical Ecology Assessment and Monitoring Network (TEAM, www.teamnetwork.org) at Bwindi National Park, Uganda.
- 2015 Consultant: Trainer and supervisor on the Virunga mountain gorilla census, Uganda, Rwanda and the Democratic Republic of Congo.
- 2008 - 2009 Research Assistant: Monitoring the ecological impacts of plant resource harvest by local communities in Bwindi.

Education

- 2016 – 2018 Master of Science in Biology (Ecology and Evolution) and Global Health Systems in Africa. University of Western Ontario, Canada. Average course grade: 86. Dissertation title: *“Wildlife in a premier African protected area do not perceive ecotourists as predators”*.
- 2014 - 2014 Post-graduate Diploma in International Wildlife Conservation Practice. University of Oxford, UK. Best student with a distinction mark of 79. Dissertation title: *“Increased foraging success or competitor avoidance? Diel activity of sympatric large carnivores”*.

- 2010 - 2013 Master of Science in Biology (Natural resource, Ecology and Conservation). Mbarara University of Science and Technology, Uganda. Dissertation title: “*Factors influencing the variation of tree growth in Bwindi Impenetrable National Park, Uganda*”.
- 2004 - 2009 Bachelor of Science in Forestry (Forest ecology and conservation). Makerere University, Uganda. Second class upper degree (CGPA=4.31/5.00). Dissertation title: “*Grafting success of Pinus caribaea under varying shade intensities, Uganda*”.

Selected publications (for a full list of publications please follow the link [B Mugerwa on ResearchGate](#))

- Mugerwa, B.** (2018) Poaching and conflict with humans threaten the African golden cat in Bwindi Impenetrable National Park, Uganda. Pp. 8 In Small Wild Cat Conservation News: Proceedings of the First International Small Wild Cat Conservation Summit, 11–14 September 2017, United Kingdom (A. Appel., S. Mukherjee and S. M. Cheyne, eds.).
- Mugerwa, B.,** du Preez, B., Tallents, L. & Macdonald, D. (2017) Increased foraging success or competitor avoidance? Diel activity of sympatric large carnivores. *Journal of Mammalogy* **98**, 1443-1452.
- Suraci, J.P., Clinchy, M., **Mugerwa, B.**, Delsey, M., Macdonald, D.W., Smith, J.A., Wilmers, C.C. & Zanette, L.Y. (2017) A new Automated Behavioural Response system to integrate playback experiments into camera trap studies. *Methods in Ecology and Evolution* **8**, 957-964.
- Ahumada J., O’Brien, T., **Mugerwa, B.** & Hurtado, J. (2016) Camera trapping as a monitoring tool at national and global levels. Rovero, F. & Zimmerman, F. (eds). Camera Trapping for Wildlife Research. Pelagic Publishing.
- Mugerwa, B.** (2013) First photographic record of the Serval cat (*Leptailurus serval*) in Bwindi Impenetrable National Park, southwestern Uganda. *CAT News* **59** Autumn, 30-31.
- Sheil, D., **Mugerwa, B.** & Fegras, H. E. (2013) African golden cats (*Caracal aurata*), citizen science, and serendipity: tapping the camera trap revolution. *South African Journal of Wildlife Research* **43**, 74-78.
- Mugerwa, B.,** Sheil, D., Ssekiranda, P., Heist, V.M. & Ezuma, P. (2013) A camera trap assessment of terrestrial vertebrates in Bwindi National Park, Uganda. *African Journal of Ecology* **51**, 21–31.

Selected conferences and meetings

- 2017 **Invited speaker:** First International Small Wild Cat Conservation Summit, Kent, UK.
- 2017 54th Annual conference of the Animal Behaviour Society, Toronto, Canada.
- 2016 Predator-Prey Interactions Meeting, Gordon Research Conferences, California, USA.
- 2015 International Congress for Conservation Biology, Montpellier, France.
- 2014 Oxford Universities Masters in Conservation Conference, Oxford, UK.
- 2014 Students Conference on Conservation Science (SCCS), University of Cambridge, UK.
- 2013 Africa Student Conference on Conservation Science, Nairobi, Kenya.
- 2011 Association for Tropical Biology and Conservation, Arusha, Tanzania.

Selected awards, scholarships and honours

- 2018 Visiting scholar at the Leibniz Institute for Zoo and Wildlife Research, Berlin, Germany.
- 2017 Best graduate Ecology and Evolution oral presentation at University of Western Ontario.
- 2017 Diversity Travel Award by the Animal Behaviour Society.
- 2016 Queen Elizabeth II Scholar at University of Western Ontario.
- 2016 Carl Storm International Diversity award by the Gordon Research Conference.
- 2016 University of Western Ontario Graduate Research Scholarship.
- 2015 University of Oxford Post Diploma Research Fellowship.
- 2014 Kirk-Turner Scholar at University of Oxford.
- 2014 Postgraduate Diploma Scholarship by the University of Oxford.

Selected research funding

- 2015 Principal Investigator: An experimental investigation of the threat illegal hunting poses to wildlife in Bwindi Impenetrable National park, Uganda. University of Oxford. £3500.
- 2014 Sole Investigator: Ecology and conservation status the African golden cat (*Caracal aurata*) in Bwindi Impenetrable National Park. Mohamed bin Zayed Species Conservation Fund. US \$15,000.
- 2014 Sole Investigator: Ecology of the African golden cat in Bwindi. International Foundation for Science. US \$12,000.
- 2014 Co-applicant (with five others): Strengthening the TEAM Network in the Congo Basin: Bwindi Impenetrable National Park. H.G. Buffet foundation. US \$300,000.
- 2013 Co-applicant (with two others): A hydrological survey of the Greater Virunga Landscape. Greater Virunga Transboundary Collaboration. US \$100,000.
- 2013 Co-applicant (with four others): Support for the organization of the First Africa Student Conference on Conservation Science. British Ecological Society. £6000.

Professional roles and services to the scientific community

- Reviewer African Journal of Ecology, Functional Ecology, Journal of Mammology, PEER J
- Red List Assessor Red List of Ugandan mammals
- Board member Society for Conservation Biology-Africa section
- Main-organizer and secretary member for the First Africa Student Conference on Conservation Science

Teaching and education, outreach

- Co-supervision of masters (1) and undergraduates (2) students.
- Course Trainer: Introduction to Geographical Information System.
- Course Trainer: Methods for tropical forest biodiversity assessment and monitoring.
- A documentary: <https://vimeo.com/55346388>.
- Newspaper: <http://news.westernu.ca/2017/11/africa-institute-scholar-shedding-new-light-animals-perceive-threats/>.

Referees

1. Prof. Robert Bitariho (PhD), Institute of Tropical Forest Conservation, bitariho@itfc.org
2. Prof. Douglas Sheil (PhD), Norwegian University of Life Sciences, douglas.sheil@nmbu.no
3. Dr. Christos Astaras, Wildlife Researcher, Greece Forest Research Institute, christos.astaras@fri.gr