CURRICULUM VITAE

BADRU MUGERWA
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BIOGRAPHY

Nationality:	Ugandan
Birth Date:	14th May 1984
Gender:	Male
Marital Status:	Single

CAREER OBJECTIVE

To conduct and participate in challenging research, which meets my competencies, capabilities, creativity, education and experience geared towards knowledge creation vital for biodiversity conservation and rural livelihood improvement.

EDUCATIONAL BACKGROUND

August 2010 to Date: Mbarara University of Science and technology (MUST), Mbarara- MSc. Biology (Natural resource, Ecology and Conservation)-awaiting graduation.

2004 – 2008: Makerere University, Kampala - BSc. (Hons) Degree in Forestry-Second class upper (CGPA=4.31/5.00).

SCIENTIFIC PUBLICATIONS

Mugerwa, B., Sheil, D. & Lejju. J.B. (2013, In manuscript) Understanding the variation of tree growth in Bwindi Impenetrable National Park, Southwestern Uganda.

Sheil, D. & **Mugerwa, B.** (2013, In press) First pictures of hunting African golden cat. CATnews 58 Spring 2013.

Sheil, D., **Mugerwa, B.** & Fegraus, H. E. (2013) African golden cats (*Caracal aurata*), citizen science, and serendipity: tapping the camera trap revolution. South African Journal of Wildlife Research 43(1): 74–78.

Cavanaugh, K.C., Gosnell, S., Davis, S.L., Ahumada, J.A., Boundja, P., Clark, D.B., **Mugerwa, B.**, Jansen, P.A., O'Brien, T.G., Rovero, F., Sheil, D., Vasquez, R. & Andelman, S. (2013, in review). Carbon storage in tropical forests correlates with taxonomic diversity and functional dominance on global scales. Full article for Journal of Biogeography.

Mugerwa, B., Sheil, D., Ssekiranda, P., Heist, V.M. & Ezuma, P. (2013). A camera trap assessment of terrestrial vertebrates in Bwindi Impenetrable National Park, Uganda. *Afr. J. Ecol.* **51**, 21–31. doi: 10.1111/aje.12004

Ahumada, J.A., Silva, C.E.F., Gajapersad, K., Hallam, C., Hurtado, J., Martin, E., Mcwilliam, A., **Mugerwa, B**., O'brien, T., Rovero, F., Sheil, D., Spironello, W.R., Winarni, N. & Andelman, S.J. (2011) Community structure and diversity of tropical forest mammals: data from a global camera trap network. Phil. Trans. R. Soc. B. 366, 2703-2711.

Mugerwa, B. & Okullo, J.B.L. (2010) Grafting Success of *Pinus caribaea* Under Varying Shade intensities at National Tree Seed Center, Namanve Uganda. The African journal of plant science and biotechnology (AJPSB), 4, 90-94.

DEGREE THESES

Mugerwa, B. (2012) Understanding the variation of tree growth in Bwindi Impenetrable National Park, Southwestern Uganda. Msc thesis, Faculty of science of Mbarara University of Science and Technology, Mbarara.

Mugerwa, B. (2008) Grafting Success of *Pinus caribaea* Under Varying Shade intensities at National Tree Seed Center, Namanve Uganda. Bsc thesis, Faculty of forestry and nature conservation of Makerere University.

CONFERENCE PAPERS

Mugerwa, B. (2011). A camera trap assessment of terrestrial vertebrates in Bwindi Impenetrable National Park, Uganda. Paper presented at the SCB+ATBC meeting, Arusha, Tanzania in June 2011

RESEARCH/WORK EXPERIENCE

May 2009 to date: Bwindi Tropical Ecology Assessment and Monitoring (TEAM) Network Program Site Manager at Institute of Tropical Forest Conservation (ITFC). I manage and implement the data collection and reporting on the vegetation, terrestrial vertebrate and climate monitoring activities. Other tasks include liaising with program partners to ensure efficient program implementation, and managing the program budget.

June to August 2011: Established the Global Observation Research Initiative in Alpine Environments (GLORIA) vegetation monitoring plots on Rwenzori and Elgon Mountain National Parks.

June 2008 to May 2009: Volunteer Research Assistant at ITFC, collected data in permanent sample plots for monitoring plant resource harvest by local communities around Bwindi Impenetrable National Park (BINP).

TRAINING ATTENDED

21st – 24th April 2012: Awarded certificate in designing research projects in the field by Tropical Biology Association (TBA). Training was held at Makerere University Biological Field Station (MUBFS), Kibale National Park.

27th June- 16th July 2011: Trained in GLORIA protocol plant survey implementation on Rwenzori Mountain National Park.

17th-22nd June 2011: Trained in the TBA **"understanding and valuing ecosystem services"** workshop at Amani Nature Reserve, Tanzania.

9-10th April 2011: Attended a communications training workshop by COMPASS during the forth TEAM Network annual meeting in Dar-es-Salaam, Tanzania.

27th July to 26th August 2010: Awarded certificate in **tropical biology and conservation** by the Tropical Biology Association (TBA) from Kibale National Park.

May 2010: Attended training in camera trapping terrestrial vertebrates at Mpala Research Center, Nanyuki, Kenya.

August – December 2004: Training in tropical forest research - Budongo Forest Reserve.

TECHNICAL SKILLS AND EXPERIENCE

1. Experience and knowledge in establishing and management of long-term biodiversity monitoring conservation projects.
2. Excellent computer skills in GIS program (ArcView and ArcGIS 9.3), all Microsoft office packages (office, excel, PowerPoint, FrontPage), statistical packages (R, Minitab, EstimateS, SDR, GenStat and Systat).
3. Excellent knowledge of quantitative biodiversity measurements and indices.
4. Excellent data collection skills using GPS, compass, clinometers and other field equipment.
5. Good knowledge of plant and animal taxonomy.
6. Good understanding of plant and animal ecology.
7. Good knowledge of data analysis and statistics.
8. Good proposal and fundraising skills.
9. Good communication skills (both writing and oral).

REFEREES

1. **Prof. Douglas Sheil**

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