



Perpetra Akite (PhD)

Scientific Interests/Activities

- **Biodiversity surveys and monitoring**
- **Pollination Ecology**
- Climate change effects
- **Ecology of forest and forest-matrix landscapes**
- **Fresh water monitoring**
- **Sustainable use of natural resources**
- **Biodiversity and ecotourism**
- **The use of citizen science approach in conservation**
- **Environmental and social impact assessment**
- Data acquisition and management skills

Selected Publications

- Akite, P.**, Telford, R.J., Waring, P., Akol, A.M. & Vandvik, V. (2015) Temporal patterns in Saturniidae (silk moth) and Sphingidae (hawk moth) assemblages in protected forests of central Uganda. *Ecology and Evolution* **5** (8), 1746-1757.
- Akite, P.** (2016) Red list of butterflies and Dragonflies of Uganda. **In:** *Nationally Threatened Species for Uganda. National Red List for Uganda for the following taxa: Mammals, Birds, Reptiles, Amphibians, Butterflies, Dragonflies and Vascular Plants*. Prepared by WCS, the Government of Uganda, the Uganda Wildlife Authority.
- Akite, P.** & Rowell, C.H.F (2013). *Oshwea dubiosa* rediscovered in Uganda. *Journal of Orthoptera Research* **22** (1), 45-49.
- Akite, P.** & Kityo, R. (2009) Populations of *Eidolon helvum* in Kampala over 40 years. *Tanzania journal of forestry and nature conservation* **79** (2), 1-7
- Akite, P.** (2008). Effects of anthropogenic disturbances on the diversity and composition of the butterfly fauna of sites in the Sango Bay and Iriiri areas, Uganda: implications for conservation. *African Journal of Ecology* **46** (s1), 3-13.
- Akite, P.** (2009) Butterflies and dragonflies. In Opige, M. O & Byaruhanga, A (Eds) *Ecological baseline surveys of Lake Bisina - Opeta Wetlands System, Lake Mburo - Nakivali Wetlands System*. Nature Uganda, The East Africa Natural History Society.

- Akite, P.** (2010) Ecological Insects: Butterflies and Moths. In *Baseline Report on State of Biodiversity in the Nile Uganda 2010* (Edited by J.B Kaddu and Henry Busuulwa). Nile Basin Initiative, Nile Trans-boundary Environment Action Project).
- Baron, T., **Akite, P.**, Barnett, M., Collins, S.C., Dobson, J., Fric, Z.F., Henning, G., Kuhne, L., Mey, W., Ochse, M., Przybyłowicz, Ł., Safian, S., Schutte, R., Selb, H. & Ward, P. (2017) The second Afrotropical Lepidoptera Workshop in Uganda –A contribution to the Lepidoptera fauna of Kibale National Park and the Mpanga Forest Reserve. *Entomologische Zeitschrift* **127** (2), 77-105.
- Fuller, R. A., **Akite, P.**, Amuno, J. B., Fuller, C. L., Ofwono, J. M., Proaktor, G. & Ssemmanda, R. (2012) Using playback of vocalisations to survey the Nahan's francolin, a threatened African forest galliform. *Ostrich* **83** (1), 1- 6.
- Fuller, R. A., Proaktor, G., Ssemmanda, R., **Akite, P.**, Ofwono, J. M., Amuno, J.B and Flockhart, C. L. (2007).Current conservation status of Nahan's Francoiin in Uganda. *Ostrich* **78** (2), 163-171.
- Ministry of Water and Environment. (2017) Lake Nabugabo Wetlands System Ramsar Site Handbook. Ministry of Water and Environment, Kampala, Uganda. **Expert contributor.**
- Ministry of Water and Environment. (2017) The Lake Nabugabo wetlands system Ramsar site Management Plan (2017 - 2027). Ministry of Water and Environment, Kampala, Uganda. **Expert contributor.**
- Ssemmanda, R. & **Akite, P.** (2008) Bird surveys in the Arabica coffee gardens around the RMNP. In: *Five years of Biodiversity investment in Uganda: monitoring the impacts of USAID/DAI/Prime west project interventions on biodiversity*. WCS/MUIENR final Biodiversity Impact Monitoring Report 45, pp 42-46.

Administrative Services/Leadership

- Leader for the Insects working group (Dudus group) at Nature Uganda **(2008-Date)**
- Developed the draft Red List for Butterflies and Dragonflies of Uganda in collaboration with Wildlife Conservation Society **(2014-2015)**.
- Course instructor/Ecological trainer, Tropical Biodiversity Field courses in Africa **(2012-Date)**.
- Participant in the National dialogue on mainstreaming open data access and use in Uganda **(2018)**.
- Review of undergraduate and graduate curricula for the department of Zoology, Entomology & Fisheries Sciences **(2017)**.
- Co-coordinator for the undergraduate research projects in the department of Zoology, Entomology & Fisheries Sciences **(2017-Date)**.
- Partly oversee the day-to-day running of the Zoological Museum.
- Curriculum review to incorporate environmental impacts of Oil and Gas activities on Biodiversity and the Environment into the undergraduate and graduate curricula of the Department of Biological Sciences, Makerere University **(2015)**.
- Organized and hosted the second Afrotropical Lepidoptera congress in Uganda.
- Treasurer for the Ecological Society of Eastern Africa- Uganda Chapter) **(2009 to Date)**.
- Governing Council Member of the Ecological Society of Eastern Africa **(2008 to Date)**.

Community outreach involvement

- Founding member and administrator for Centre for Agro-Environmental Information for Rural Innovation and Development (CAIRID) based in Apac District.
- Advisor and part financer for Lango Gospel Outreach Mission Team (LAGOM); a consortium of University students from Makerere and Kyambogo Universities who carry out outreach to different communities in the Northern Uganda.
- Involved with the Redeemed of the Lord Evangelistic Church Makerere (RoLEC) in urban slums and rural community-based outreaches.
- Environmental advocacy and education in different parts of Uganda through active participation with Nature Uganda.