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OFFICIAL ADDRESS

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EDUCATION:

Doctor of philosophy in population ecology (East Anglia)
Master of Science in Biology of Conservation (Nairobi)
Bachelor of Education (Nairobi)

TEACHING DUTIES

Teaching ecology, biostatistics, conservation and related courses to undergraduate and postgraduate students

STUDENT SUPERVISION

Have successfully supervised eight PhD students, three Msc students. Currently supervising three PhD and three MSc. Students.

RESERCH INTERESTS

Biodiversity conservation, agro-ecology, urban ecology

FUNDED RESEARCH

Optimization and commercialization of fishery value chain in Narumoru, Kenya (2007-to date) (Funded by KAPP)

PUBLICATIONS

Mohamed H.M., Khan R.Z, Mueke J.M., Hassanali A., Kairu. E and Pickett J.A. (2007).

Behaviour and biology of *Chilo partellus* (Swinhoe) on *Striga*

hermonthica (Del.) Benth. infested and uninfested maize plants. *Crop protection* 26(7): 998-1005

- Wale M., F. Schlthess, **Kairu E** and Omwega C. (2007) Effect of cropping systems on cereal stem borers in the cool-wet and semi-arid ecozones of the Amhara region of Ethiopia. *Agricultural and Forest Entomology* 9:1-12
- Wale M., F. Schlthess, **Kairu E** and Omwega C. (2006) Distribution and relative importance of cereal stem borers and their natural enemies in the Semi-arid and cool-wet ecozones of Amhara State, Ethiopia *Ann., Soc.Entomol. Fr(ns)* 42 (3-4):389-402
- Wale M., F. Schlthess, E.W. Kairu and C.O. Omwega (2006). Cereal yield losses caused by lepidotous stem borer at different fertilizer levels in Ethiopia. *J. Appl Entomol* **130(4)**:220-227.
- Ngonde L., E.W. Kairu, J.M. Mueke and K.V.Seshu Reddy (2004). Farm management practices and their effects on yield, disease incidence and pest density of banana and groundnut in western Kenya: planting density, intercropping and banana weevil *Cosmopolites sordidus* Germar (Coleoptera: curculionidae) trapping. *East African Journal of life Science* **5 (2)**:75-85
- Emena Getu, W.A. Overholt and E. Kairu (2003). Comparative studies on the influence of relative humidity and temperature on the developmental time of two populations of *Cotesia flavipes* (Cameron). *Ethiop. J. Biol. Sci.* 2(1): 49-60
- G. D.Emena, W.A. Overholt, E. Kairu and C.O. Omwega (2003). Evidence of the establishment of *Cotesia flavipes* (Hymenoptera: Braconidae), a parasitoid of cereal stem borers, and its host range expansion in Ethiopia. *Bulletin of Entomological Research* 93:125-129.
- L. Ngode, J.M. Mueke, E.W. Kairu and Seshu Reddy (2002). Effects of hot water treatment of banana planting material on establishment, yield and banana weevil *Cosmopolites sordidus* (Coleoptera: Curculionidae). *East African Journal of Science* **3 (2)**:3-10.
- G. D.Emena, W.A. Overholt, E. Kairu (2002). Distribution and species composition of stem borers and their natural enemies in Ethiopia. *Insect Science and its Applications* **21 (4)**: 353-359.
- M. N. Sallam, W.A. Overholt, E. Kairu, Z. Guofa (2001). Will *Cotesia flavipes* Drive Its African Homologue, *Cotesia sesamiae*, to Extinction? *Insect Science and its application* **21(4)**: 297-302.
- T. Musabyimana, R.C. Saxena, E.W. Kairu, C.K.Ogol and Z.R.Khan (2001). Effects of Neem Seed Derivatives on Behavioral and Physiological responses of the *Cosmopolites sordidus* (Coleoptera: Curculionidae). *Journal of Economic Entomology*.

T. Musabyimana, R.C. Saxena, E.W. Kairu, C.K.Ogol and Z.R.Khan (2000). Powdered Neem Seed and Cake for the Management of the Banana Weevil, *Cosmopolites sordius*, and Parasitic Nematodes. *Phytoparasitica* **28(4)**: 321-330.

M. N. Sallam, W.A. Overholt and E.W.Kairu (2000). Dispersal of the exotic parasitoid *Cotesia flavipes* in a new ecosystem. *Entomologia Experimentalis et Applicata* **0:1-7**

Professional associations

Ecological society for Eastern Africa

Registered lead expert -Environment impact assessment and auditing (by NEMA)

Nature Kenya