

CURRICULUM VITAE



1.0 PERSONAL HISTORY

- 1.1. **Name:** Moses Iwatasia Olotu
- 1.2. **Place of birth:** Arusha
- 1.3. **Department:** Biological Sciences
- 1.4. **Sex:** Male
- 1.5. **Address1:** Mkwawa University College of Education (MUCE)
P.O. Box 2513, Iringa, Tanzania

E-mails: m2olotu@gmail.com or molotu@muce.ac.tz

Skype: m2olotu1

Linkedin & twitter: m2olotu

- 2.0. **Telephone:** +255 (26) 2702751
Mobile: +255 (0)767 6749801 or +91(0)9910145930

2.0 EDUCATION

- 2.1 Darajani Primary School: Std I-VII (7years)
- 2.2 Marangu Secondary School: Form I-IV (4years)
- 2.3 Tosamaganga High School: Form V-VI (2years)
- 2.4 University of Dar-es-salaam: BSc. Wildlife & Conservation (November 2006)
- 2.5 University of Dar-es-salaam: MSc. (MIEM) (November 2009)
- 2.6 North-West University: PhD in Environmental Sciences (September 2013)

3.0 ACADEMIC POSTS HELD AT UNIVERSITY:

- 3.1 Assistant Lecturer from November 2009 to July 2013
- 3.2 Lecturer from August 2013 to October 2016
- 3.3 Senior Lecturer from November 2016 to date

4.0 POSTS HELD OUTSIDE UNIVERSITY OF DAR ES SALAAM: None

5.0 ADMINISTRATIVE POST HELD AT UDSM:

- 5.1 Head, Life Sciences Section from November 2013 to date
- 5.2 Coordinator, Chemistry and Life Sciences Unit from Nov 2013 to Oct 2016
- 5.3 Head of Biological Sciences Department from October 2016 to date

6.0 PROFESSIONAL AFFILIATION

- 6.1 Member Wildlife Conservation Society of Tanzania (WSCT).
- 6.2 Member of Association for Tropical Biology and Conservation (ATBC)
- 6.3 Member of Society for Conservation Biology (SCB)
- 6.4 Member of Ecological Society for Eastern Africa (ESEA)
- 6.5 Member of Technical Center for Agriculture and Rural Cooperation (CTA)

7.0 AWARDS/SCHOLARSHIPS

- 7.1 Mkwawa University College of Education scholarship for MSc in Integrated Environmental Management and Research entitled “**Pollination Biology of *Mesogyne insignis* Engler in the Amani Nature Reserve, East Usambara Mountain forests, Tanzania**” from September 2007 to November 2009
- 7.2 African Regional Postgraduate Programme in Insect Science (ARPPIS) scholarship for PhD in Entomology and Research entitled “**Evaluation of the Efficacy of the Weaver Ant *Oecophylla longinoda* in the Management of Mirid and Coreid Pests in Cashew in Tanzania**” from July 2010 to September 2013
- 7.3 CV Raman International Fellowship for African Researcher, Postdoctoral studies and Research entitled “**Effect of Malathion and Neonicotinoids Imidacloprid and Thiamethoxam on bee pollinators at field realistic concentrations in India**” from September 2014 to March 2015
- 7.4 International Foundation for Science research grants for 18 months duration and research entitled “**Surveillance of Buruli Ulcer and the role of insect of species in the ecology of *Mycobacterium ulcerans* in Tanzania.**”

8.0 RESEARCH / CONSULTANCY AREAS

- 6.1 Conservation biology and ecology
- 6.2 Insect pathology/entomology
- 6.3 Review articles for Journal of Agricultural studies, African Journal of Ecology and Sociobiology

9.0 TEACHING/POSTGRADUATE STUDENTS SUPERVISION

Course taught:

- (i) ZL 236: Introductory Entomology and Parasitology
- (ii) ZL 121: Invertebrate Zoology
- (iii) BL 607: Biostatistics
- (iv) BL 663: Biological Methods and Techniques

Supervision of Postgraduate Students: 1

10.0 CONFERENCES AND WORKSHOPS ATTENDED:

- 10.1 2011 Joint International Meeting of the Association for Tropical Biological and Conservation (ATBC) and the Society for Conservation Biology (SCB) (Africa Section): Theme Adaptability to Climate Change and Attaining the Millennium Development Goals for Tropical Ecosystems 12-16 June, 2011 Arusha, Tanzania
- 10.2 Workshop on Environmental issues, policy and law 6-8th June, 2006- DSM Tanzania
- 10.3 Overview of Wildlife Sector in Tanzania Workshop organized by Wildlife Division 06-10th Nov, 2006- DSM Tanzania
- 10.4 Workshop for Valuing The Arc mountains 03 Feb to 06 Feb, 2008, Morogoro, Tanzania

- 10.5 Natural Enemies and Pollination workshop organized by ICIPE, 15-19th Feb, 2010- Nairobi Kenya
- 10.6 Modern Taxonomy workshop: Introduction of Taxonomy and Codes of Nomenclatures, Biodiversity Informatics and Modelling of species distribution, 25th to 29th October, Dar- es-Salaam, Tanzania
- 10.7 Workshop on Proposal writing for Conservation Projects: Suggestions from Donor's Perspective 16-18 June, 2011 Arusha, Tanzania
- 10.8 Workshop on Web 2.0 for development: Learning Opportunity 27 June – 1 July, 2011 Dar-es- Salaam, Tanzania (www.web2tanzania.blogspot.com)
- 10.9 Workshop on Biodiversity tools for decision making and conservation 27-29 July, 2011 Dar es salaam, Tanzania
- 10.10 Workshop on Integrating Morphology and DNA Barcoding in Species Identification Regional Training 8 -16 December 2011 Nairobi, Kenya
- 10.11 19th Conference of the Association of African Insect Scientists: Theme Biodiversity and sustainable development in Africa: contribution of insect science to the development of agriculture and improvement of health 9 -11 November 2011 Nairobi, Kenya
- 10.12 4th National Conference on AgriBiotechnology: Smart Agriculture: Transformation through Biotechnology 25-26 November 2014 New Delhi, India
- 10.13 Workshop on Mass Production Technologies for Natural Enemies of Crop Pests 27 November to 02 December 2014 New Delhi, India
- 10.14 International Foundation for Science Capability Enhancing Support Conference on Insect Diversity 8-11 December 2014, Cotonou, Benin
- 10.15 Olotu, M.I. & Gujar, G.T (2015) "Effects of Neonicotinoids and Malathion at Sublethal Field Concentrations in India" National Symposium on Agrochemicals for Food and Environmental Safety January 28-30, 2015 New Delhi, India

11.0 PUBLICATION

11.1 Publication in referred journals: (8)

- 11.1.1 Olotu, M.I, Ndangalasi, H.J. & Nyundo, B. A. (2011) Effect of forest fragmentation on pollination of *Mesogyne insignis* (Moraceae) in Amani Nature Reserve forests Tanzania, *African Journal of Ecology*, 50: 109-116
- 11.1.2 Olotu, M.I., du Plessis, H., Seguni, Z.S. & Maniania, N.K. (2012) Efficacy of the African weaver ant *Oecophylla longinoda* (Hymenoptera: Formicidae) in the control of *Helopeltis* spp. (Hemiptera: Miridae) and *Pseudotheraptus wayi* (Hemiptera: Coreidae) in cashew crop in Tanzania. *Pest Management Science*, 69: 911-918
- 11.1.3 Olotu, M.I., Maniania, N.K., Seguni, Z.S., Sunday, E. & du Plessis, H (2013) Effect of fungicides used for powdery mildew disease management on African weaver ant *Oecophylla longinoda* (Hymenoptera: Formicidae) a biocontrol agent of sap-sucking pests in cashew crop in Tanzania. *International Journal of Tropical Insect Science*, 34:283-290.

- 11.1.4 Olotu, M.I.**, Maniania, N.K., Seguni, Z.S., Sunday, E. & du Plessis, H (2015) Efficacy of fish and hydramethylnon baits for conservation of African weaver ant *Oecophylla longinoda* during cashew off-seasons in Tanzania. *International Journal of Tropical Insect Science*, 35 (2) 90-95.
- 11.1.5 Olotu, M.I** (2016) Effect of seasonality on abundance of African weaver ant *Oecophylla longinoda* (Hymenoptera: Formicidae) in cashew agro-ecosystems in Tanzania. *African Journal of Agricultural Research*, 11(16): 1439-1444.
- 11.1.6 Olotu M.I & Gujar G.T.** (2016) Many-fold less than the field recommended concentration of neonicotinoids and malathion affects foraging of honeybee in three important crops in India, *Entomon* 41(1): 47-60.
- 11.1.7 Olotu, M.I** (2016) Effectiveness of neonicotinoids and organophosphate in the control of aphid and enhancement of pod formation in mustard crop in India. *International Journal of Pure and Applied Bioscience*, 4(3): 5-11.
- 11.1.8 Olotu, M.I** (2016) Interaction between African weaver ant *Oecophylla longinoda* and dominant ant species *Pheidole megacephala* and *Anoplolepis custodiens* in cashew fields in Tanzania, *Agricultural Research*, Accepted in 24 June 2016 DOI 10.1007/s40003-016-0228-4

11.2 Books and chapters in books: None

11.3 Conference proceedings:

11.3.1 Olotu, M.I., Ndangalasi, H.J. and Nyundo, B.A. (2011). Effect of Forest Fragmentation on Pollinators of *Mesogyne insignis* (Moraceae) in Amani Nature Reserve Forests, Tanzania. Proceeding 2011 Joint International Meeting of the Association for Tropical Biological and Conservation and the Society for Conservation Biology (Africa Section) 12-16 June, 2011 Arusha, Tanzania

11.3.2 Olotu, M.I., du Plessis, H., Seguni, Z.S. & Maniania, N.K. (2012) Efficacy of the African weaver ant *Oecophylla longinoda* (Hymenoptera: Formicidae) in the control of *Helopeltis* spp. (Hemiptera: Miridae) and *Pseudotheraptus wayi* (Hemiptera: Coreidae) in cashew crop in Tanzania. Proceeding 19th Conference of the Association of African Insect Scientists 9-11 November, 2011 Nairobi Kenya

11.4 Non-referred publications / reports:

- 11.4.1 Olotu, M.I. (2006). Activity Pattern of the African fish eagle (*Haliaeetus vocifer*) in Saadani National Park, Tanzania (Undergraduate Project Report).
- 11.4.2 Olotu, M.I. (2009). Pollination Biology of *Mesogyne insignis* Engler in the Amani Nature Reserve, East Usambara Mountain Forests, Tanzania (MSc. Dissertation).
- 11.4.3 Olotu, M.I. (2013) Potential of *Oecophylla longinoda* (Hymenoptera: Formicidae) for management of *Helopeltis* spp. (Hemiptera: Miridae) and *Pseudotheraptus wayi* (Hemiptera: Coreidae) in cashew in Tanzania
- 11.4.4 Olotu, M.I, du Plessis, H, Seguni, Z.S. & Maniania, K.N. (2018) Abundance and diversity of ground-dwelling in cashew agro-ecosystem in Tanzania (Manuscript submitted to *Insect Conservation and Diversity*)

11.5 Referees

- 11.5.1 Dr. B. A. Nyundo, Department of Zoology and Wildlife Conservation, University of Dar-es- Salaam, P. O. Box 35065 Dar-es-Salaam, Tanzania, email bnnyundo@uccmail.co.tz Mob +255 784415981
- 11.5.2 Dr. Fikira Kimbokota, Mkwawa University College of Education, P.O. Box 2513, Iringa Tanzania, email Kimbokota@yahoo.com