



CURRICULUM VITAE

NAME : JAMES IRERI KANYA (PHD)
MARITAL STATUS : MARRIED
CONTACT ADDRESS : SCHOOL OF BIOLOGICAL SCIENCES, UNIVERSITY OF NAIROBI,
P. O. BOX 30197 -00100, NAIROBI, KENYA
TEL/FAX +254 (02) 4445763
CELL PHONE : +254 722307387
EMAIL : jiykaya@uonbi.ac.ke, jiykaya@yahoo.com
NATIONALITY : KENYAN
DATE OF BIRTH : 11TH NOVEMBER, 1959
RELIGION : CHRISTIAN.

ACADEMIC QUALIFICATIONS

2005-2010: Ph.D. (Plant Ecology), University of Nairobi, Kenya.
2000-2004: M.Sc. (Botany), Jomo Kenyatta University of Agriculture and Technology (JKUAT), Kenya.
1990-1993: B.Ed (Sc.) (Biology/Chemistry), Kenyatta University, Kenya.
1982-1984: Diploma in Science Education, Kenya science Teachers' College (Biology/Chemistry).
1980-1981: Kenya Advanced Certificate of Education, Nkubu High School, Meru.
1976-1979: East Africa Certificate of Education, Siakago Boys High School, Embu.
1969-1975: Certificate of Primary Education, Kigwambiti Primary School, Embu.

AREAS OF EXPERTISE

I have considerable expertise in Environmental Impact Assessment and research in the areas of Botany, Environmental studies, Biotechnology, Ecological techniques and Rice breeding. I conduct Environmental Impact Assessment and Rice breeding. I am a versatile team player with experience in coordination and chairing in administrative boards and committees.

FELLOWSHIPS/ATTACHMENTS

2012 (Oct.-Dec.): Three months visit to Hasselt University of Belgium on manuscript and Proposal writing.
2007 (Sept.-Nov.): Three months course in Plant Genomics in University of Copenhagen, Denmark.
2002-2003: One-year attachment at ICIPE to work on M.Sc. research project.

AWARDS AND GRANTSS

2012: Grant from Nation Irrigation Board (NIB) Kenya, for development of hybrid rice in Kenya.
2011: Grant from National Council of Science and Technology., Kenya for development of hybrid rice in Kenya.

2004: Grant from Danish Agricultural Council and Danida through BiosafeTrain Project for Ph.D Degree.

2002: African Regional Postgraduate Programme Insect Science (ARPIS) grant through ICIPE M. Sc. Degree.

WORK EXPERIENCE

Thirty three years of teaching Biology, Chemistry, Environmental Studies and Plant ecology

16th July 2014-Present : Senior Lecturer, University of Nairobi

1st October, 2010 : Lecturer, University of Nairobi

1st Nov., 2007-2010 : Assistant Lecturer, University of Nairobi.

1st July, 2000- 2007 : Lecture, Kenya Science Teachers College.

24th Sept., 1994-2007 : Assistant lecturer, Kenya Science Teachers College.

1st Aug., 1984-1994 : High School teacher at St. Pauls Kevote.

OTHER RESPONSIBILITIES

1ST February 2014-To date: Chairman, County Education Board of Embu County.

2010-2017: Director, county Medical.

2009 –To date: Coordinator, School of Biological Sciences, Kenya Science Campus.

CONFERENCES/WORKSHOPS/SYMPOSIA ATTENDED

2017 : Water and sewerage management symposium in University of Nairobi

2016 : Books writing workshop in Naivasha.

2014 (4th and 5th July): Workshop for presentation of NIB and Collaborators Research findings and proposals.

2013 (4th December): Joint observation for the performance of Basmati 217 and 370, ITA 130, IR 2793-80-1 and BW 196 rice varieties in Mwea Agricultural Development Institute (MIAD) centre.

2013 (13th February): ACCESS/CREEM Workshop: Introduction to Statistical Modelling held at University of Nairobi.

2012 (15th February): Workshop on examinations' setting and administration at the University of Nairobi.

2012 (9th April): Workshop on trends in rice production in Kenya organized by the Kenya Rice Research forum at Panafric hotel, Nairobi

2012 (21st-26th May): Training course on proposal writing held at the University of Nairobi.

2011 (10th -16th June) : Practical manual writing held at Kenya Wildlife services, Naivasha.

2011 (12th October): Workshop on the launch of Kenya Rice Researchers Forum (KRRF) held at (AICAD), JKUAT.

2011 (13th November): National Irrigation board workshop on Rice production strategies held at Kenya monetary Studies.

- 2008 (22nd-27th)** : Workshop on research proposal writing organized by Flemish Interuniversity council (VLR) held at the Sports View Hotel, Kasarani, Kenya.
- 2007 (2nd-6th July):** Training course on Biosafety issues.
- 2006 (11th-15th Dec.)** : Course on “Effective Scientific Communication and Publishing at University of Nairobi.
- 2006 (24th-30th Sept.):** BiosafeTrain course on Basic Concepts and practices in Risk Assessment of GMOs held at Safari park hotel.
- 2006 (20th-24th March):** International Training Course in Molecular Biology held at the University of Nairobi.
- 2009 (20th- 24th April):** Introduction to GMO biosafety risk assessment course at Makerere University, **Kampala.**
- 2006 (13th-17th):** Biosafety seminar in **Arusha, Tanzania** in September 2006.
- 2004 (November):** International Scientific Biosafety conference held at ICIPE to develop Testing methodologies for transgenic plants.

CONSULTANCY

- ▣ **2017-2018:** Lead expert, Environmental and Social Impact Study for proposed Yamo Dam, Samburu County.
- ▣ **2017-On-going:** Lead expert, Environmental and Social Impact Study for proposed Rwabura Water Supply project in Gatundu Sub-County, Kiambu County.
- ▣ **2017-On-going:** Lead expert, Environmental and Social Impact Study for proposed Handege Water Supply project in Gatundu Sub-County, Kiambu County.
- ▣ **2017-On-going:** Lead expert, Environmental and Social Impact Study for proposed Gatundu sewage project, Kiambu County.
- ▣ **2017-On-going:** Lead expert, Environmental and Social Impact Study for proposed Mandera water supply and sewerage systems , Mandera County.
- ▣ **2017-On-going:** Lead expert, Environmental and Social Impact Study for proposed Matiri hydropower plant on river Mutonga and Mara in Tharaka Nithi County.
- ▣ **April 2016:** Lead expert, Environmental and Social Impact Study for proposed Upper hill overpasses and Nairobi western region missing links in Nairobi County
- ▣ **April to August 2015:** Lead expert, Environmental and Social Impact Study for proposed Water supply and sanitation in Oloitokitok Kajiado County, Kenya. Runji & Partners Consulting Engineers.
- ▣ **April to December 2010:** Joint consultancy work on “Effectiveness of Wildlife Barriers around Mt. Kenya forest Ecosystem”. Study was sponsored by Kenya Wildlife Service
- ▣ **2011 to-Date:** Upgrading of the SEPU secondary schools science Kits
- ▣ **June 2009-2010:** Lead EIA Expert, Preparation of the National Airports System Plan, for the Kenya Airport Authority.

- ▣ **June 2010:** Lead EIA Expert, Environmental and Social Impact Study for proposed Gikwa Mini- hydro Power Project, Tharaka District, Kenya. Runji & Partners Consulting Engineers.

- ▣ **May 2010:** Lead EIA Expert, on the proposed change of use of plot from single residential unit to multi-dwelling residential units on L.R. No. 330/401, Mbaazi Road, Lavington Estate, Nairobi. Runji & Partners Consulting Engineers.
- ▣ **March 2009:** Lead EIA Expert, Feasibility Studies on the Construction of Galana Bridge over River Galana, Coast Province, Kenya, for Kenya Wildlife Service. Runji and Partners Consulting Engineers.
- ▣ **March 2009:** Lead EIA Expert, “Design Review for Merille River-Marsabit Road and Voi-Mwatate- Taveta Road” with Società Italiana Monitoraggio S.p.A – GICO BRANCH and Runji & Partners Consulting Engineers.
- ▣ **March 2009:** Lead EIA Expert, Feasibility Studies on the Construction of Koru Dam over River Nyando, Nyanza Province, Kenya. Runji and Partners Consulting Engineers.
- ▣ **April 2008:** Lead EIA Expert, Mwingi – Thuci River Road (C93). Client: Ministry of Roads and Public Works. The objective of the study is to identify the most appropriate and economically justified improvement solution to the 106 km long gravel/earth road. Runji and Partners Consulting Engineers.
- ▣ **January 2008:** Lead EIA Expert on the proposed commercial residential building on L.R. No. Ngong/Ngong/33132, Ngawa Road, Ngong Town, Kajiado District, for Mukima Holdings Limited. Runji and Partners Consulting Engineers.
- ▣ **September 2007:** Lead EIA Expert on the proposed commercial residential building on L.R. No. Ngong/Ngong/37343, Kibiku Road, Ngong Town, Kajiado District, Mr. and Mrs Baabu Mathiu.
- ▣ **May 2007 – June 2007:** Lead EIA Expert, Range Ecology Study for the GEF funded international Indigenous Vegetation Project covering Mali, Kenya and Botswana.
- ▣ **March 2007 to April 2007:** Lead EIA Expert, Eldoret – Webuye - Malala Road. Client: Ministry of Roads and Public Works. The objective of the study is to identify the most appropriate and economically justified improvement solution to the 120 km long gravel/earth road. Runji and Partners Consulting Engineers

CURRENT RESEARCH INTERESTS

- ▣ Improvement in performance of the science subjects in secondary schools
- ▣ Hybrid Rice production.
- ▣ Phytoremediation in waste management.

- ▣ Genetic resources conservation biased in vegetation.
- ▣ Environmental Impact Assessment.

THESIS /DISSERTATIONS SUPERVISED/STUDENT BASED RESEARCH

A). Bachelor of Science (B. Sc.) dissertations: Supervised to completion

1. **Gathitu L.Wangui (2015):** Use of wastewater in urban agriculture in Kibera & Donholm, Nairobi.
2. **Nyaga Fredrick Odhiambo (2015):** Assessment of the effect of sewage effluent on aquatic macroinvertebrates on river Kirichwa.
3. **Kangwony Teddy Isaac (2015):** Assessment of soil quality in organic vegetable farm (kawamwaki) and a conventional vegetable farm within kawamwaki farm and how some of the parameters influence fauna diversity in limuru, kenya.
4. **Mwangi Timothy Gatama (2015):** Impact of Austral Bracken fern intensification on the plant population Ecology in Kiamuturi, Muranga County.
5. **Wanyama J. Abraham (2016):** Urban farming in eastern and South Eastern Nairobi- a case study of the crops grown in these zones.
6. **Ong'era Jacob Osoro (2016):** Effects of different cropping systems on soil quality in Mwaboera farm Kisii County.
7. **Gitari Ellyjoy Mwende (2016):** Assessment of effects of *Salvinia molesta* weed on flora and fauna diversity in Lake Lily wetland, Karura forest, Kenya.
8. **Lumumba Claud Litswa (2016):** Assessment of water quality in Msongawai and Kirichwa Ndogo Rivers in Nairobi, Chiromo area.
9. **Nixon Onyango Omolo (2016):** Effects of water hyacinth on fishing and agricultural activities in Kendu Bay town, lake Victoria.
10. **Daki Jarso Jattani (2017):** Impacts of cattle bomas on diversity of plant species at sera wildlife conservancy in Kenya.
11. **Nguyo Marion Muthoni (2017):** Comparison of the levels of organic carbon, nitrogen and phosphorous nutrients in soils from five different farms in Thage-ini village-Nyeri.
12. **Musyoki Mary Mumbua (2017):** Water resource management in the University of Nairobi premises.
13. **Ojwang' Lucas Abillah (2014):** Comparative study of soil invertebrates in organic and inorganic farming in Kiambu, Kenya.
14. **Kimanzi Felix Mutuku (2014):** Impacts of deforestation on soil properties and the conventional conservation strategies applied in Mumoni hills forest, Mwingi, Kenya
15. **Denis Karani Nyaga (2014):** Environmental and Social Economic Impacts of Stone Quarrying In Mukuuri Sub- Location, Runyenjes Constituency, Embu County
16. **Mureithi Jacinta Muringi (2013):** Rate of Decomposition of Plant Leaf Litter in Ngong Road Forest Reserve, Kenya.
17. **Njuguna Lucy Wanjiku (2013):** Assessment of Diversity of wild Mushrooms in Ngong Forest Reserve, Kenya.
18. **Maingi Charles Kivasu (2012):** Effects of decreasing macrophytes on the abundance of aquatic invertebrates in the Nairobi River Basin.

19. **Ochieng Philip Mlati (2012):** Comparison of diversity and abundance of invertebrate species in natural and artificial forest stands of the Ngong Road forest.
20. **Kamau Stephen Macharia (2012):** Effects of dumpsite/landfill leachates on soil biodiversity.
21. **Esther N. Githumbi (2011):** Macrophytes distribution and water quality in the Nairobi National Park dams.
22. **Mwongera Paniel Nkirote:** Sustainable Charcoal Production.
23. **Stanely Marvyn Nge'the:** Comparison of the effects of Plant and Animal organic matter on the growth of the common bean (*Phaseolus vulgaris*).
24. **Malowa H. Fredrick:** Re-cycling of Grey water for domestic use: A case study of random households in Westlands constituency, Nairobi.
25. **Otieno Beatrice Awuor:** Assessment of household solid waste management in informal (Kangemi) and formal (Loresho) settlements of, Nairobi Kenya.
26. **Mutheki. E. Jones:** Assessment of solid waste management in Ngong area, Kajiado.

C). MASTER OF SCIENCE (M.SC.) THESES: SUPERVISED TO COMPLETION

1. **Charles Kivasu Maingi (2018):** Effects of forest fragmentation and human disturbance on distribution of plant foods and behaviour of the Tana River Mangabey (*Cercocebus galeritus*), Tana River County, Kenya.
2. **Stephen Ndambuki Mwiu (2018):** Influence of host woody plants on East African sandalwood's (*Osyris lanceolata*) growth and herbivory in Amboseli National Park, Kajiado County, Kenya.
3. **Futsum Hagos (2014):** Population Dynamics Distribution, Genetics and Conservation of African Wild Ass (*Equus Africanus Somaliensis*) In Denkelia, Eritrea
4. **Muiru Cynthia Njeri (2014):** The impact of the African elephant *loxodonta africana*, on *acacia* woodlands in Tsavo East National Park, Kenya.
5. **Okemwa, Billo (2013):** Determination of the efficiency of lion entry deterrent systems and lion-proof fences in solving human wildlife conflict among Amboseli National Park Community in Kajiado County, Kenya.
6. **Edwin Gichohi Njuguna (2013):** Influence of landscape composition features on the occurrence of functionally important birds in Mukurweini valleys, Kenya.
7. **Editruda Alfred Mbegu (2011):** Comparative study of bird guilds in different cropping systems on farm lands adjacent to Kakamega forest.
8. **Anne Wangari Kairu (2011):** Distribution and population structure of East African Greenheart (*Warburgia ugandensis*) in Mount Kenya forest.
9. **Ng'etich Nehemiah Kiptoo (2010):** Associated impacts of common weeds on *Bacillus thuringiensis* (Bt) cotton: a case study of Mwea, Kenya.

D). MASTER OF SCIENCE (M.SC.) THESES: ON-GOING

1. **Kipchumba Kipruto Titus (2017):** Status and implications of invasive species on wildlife conservation in Maasai Mara National Reserve.
2. **Agnes Mukami (2017):** Evaluation of the effectiveness of improved cooking stoves as a method for the conservation of mangrove.
3. **Benard Nyamwamu Ontita (2017):** The role of livestock keeping on private and community conservancies in Kajiado County.
4. **Charles Kivasu Maingi (2014):** Effects of Lowland Forest Fragmentation on Distribution of Food Plants and Group Dynamics in Tana River Mangabey.
5. **Aniel Mbogo Nthiga (2013):** Distribution and Abundance of whelks And Hermit Crabs In mangrove forest targeted by bait fishers in Mida Creek, Kenya.
6. **Mbogo W. Lydia (Started 2012):** Performance of electric fence in mitigating human elephants (*Loxodonta africana*) conflict in relation to food quality and quantity in Tsavo East National Park (TENP), Kenya.
7. **Bett Kipkosgei Alfred (Started 2011):** The Influence of Olive Baboons (*Papio anubis* Lesson 1827c) on seed dispersal and germination of *Opuntia Spp.* at their sleeping sites.

E). PH.D. THESIS SUPERVISED TO COMPLETION

1. **Ruto W. Samoei (2018):** Influence of human activities on land use changes and environmental quality of riparian ecosystems: "A case study of Saiwa swamp watershed, Western Kenya".
2. **Omondi Stephen F. (2016):** Reproductive biology and Population Ecology of *Senegalia Senegal* (L) Willd. In Lake Baringo Woodland Ecosystem, Kenya.

F). PH.D. THESIS: ON-GOING

1. **Mugula Belden B. (2017):** Genetic Diversity, Population structure and phenology of *Prunus africana* (Hook.F.).Kalm.) in Kibale forest, Uganda.
2. **Wilson A. Oyange (2014):** Diversity and Integration of *Azolla* in paddy rice production systems in Kenya.

PUBLICATION RECORD

1. Oyange W.A, Chemining'wa G. N., **Kanya J.I.**, Njiruh P.N (2019b): Effects of inorganic nutrient P and N application on *Azolla* biomass growth and nutrient uptake. International Journal of Agronomy and Agricultural Research, 14 (2): 1-9.
2. Oyange W.A, Kamau P.A, **Kanya J.I.** (2019a): Effects of varied nitrogen levels and plant density on growth and yield response of Nerica 1 variety. Journal of Agriculture and Veterinary Sciences, 12 (1): 72-77.
3. Ruto WS, **Kanya JI**, Muchugu E, Ngetich NK, Kinyamario JK (2018): Land Use-Land-Cover Changes in Saiwa Swamp Watershed, Western Kenya. International Journal of Research in Environmental Science, 4 (4): 1-7.

4. Okemwa B., Gichuki N., Virani M., **Kanya J.**, Kinyamario J., Santangel A. (2018). Effectiveness of LED lights on bomas in protecting livestock from predation in southern Kenya. *Conservation Evidence*, **15**: 39-42.
5. Ruto W.S.K., Kinyamario J.I, **Kanya J.K.** Ng'etich N.K. (2017). Variation in the Chemical Status of Water and Soil Sediments along Saiwa Swamp Ecosystem, Trans Nzoia County, Kenya. *Asian Journal of Water, Environment and Pollution*, **14**: 19-26.
6. Omondi S. F. Odee D.W., Ong'amo G.O., **Kanya J.I.**, Khasa D.P. (2016). Effects of anthropogenic disturbances on natural regeneration and population structure of gum arabic tree (*Acacia senegal*) in the woodlands of Lake Baringo ecosystem, Kenya. *Journal of Forestry Research*, **28**(4):775-785.
7. Omondi S. F. Odee D.W., Ong'amo G.O., **Kanya J.I.**, Khasa D.P. (2016). Synchrony in Leafing, Flowering, and Fruiting Phenology of *Senegalia senegal* within Lake Baringo Woodland, Kenya: Implication for Conservation and Tree Improvement. 201(Article ID 6904834).
8. Omondi S. F., Odee D.W., Ong'amo G.O., **Kanya J.I.**, Khasa D.P. (2016). Genetic consequences of anthropogenic disturbances and population fragmentation in *Acacia Senegal*. *Conservation Genetics*, **17**(6):1235-1244.
9. Ringera, T. J., Kinyamario J. I., Amugune N.O., **Kanya J. I.** (2014). Ratooning ability and its effect on grain yield of upland Nerica rice varieties in Central Kenya. *International Journal of Agronomy and Agricultural Research*, **4**: 44-55.

10. **Kanya J.I.**, Njiru P.N., Kimani J.N., Wanjogu R.K. (2013): Evaluation of Photoperiod and Thermosensitive Genic Male Sterile Lines for Hybrid Rice Seeds Production in Kenya. *International Journal of Agronomy and Agricultural Research* (**2223-7054 (Print) 2225-3610 (Online) <http://www.innspub.net> Vol. 3, No. 2, p. 21-39, 2013**).
11. Njiru P.N., **Kanya J.I.**, Kimani J.N., Wanjogu R.K. (2013). Production of hybrid Basmati rice in Kenya: Progress and challenges, *International Journal of Innovations in Bio-Sciences*, Vol. 3 (4): 115-124.
12. Kairu A., Gichuki N., **and Kanya J.**, Kindt R. (2013): Disappearing medicinal plants in Mt. Kenya forests: A case study of East African green heart (*Warburgia ugandensis* Sprague). *Topclass Journal of Herbal Medicine*, 2(7): 34-41.
13. Njiruh P.N., **J.I. Kanya**, J.M. Kimani and R. K. Wanjogu (2013): Segregation distortion of anthocyanin morphological marker in F2 population of crosses between Basmati and environmental genic male sterile rice lines, *Journal of Agronomy and Agricultural Research*, 2: 78-91.
14. **Kanya J.I.**, Kinyamario J.I., Amugune O.N., Hauser P.T., (2012). Hybridization Potential Between Cultivated Rice *Oryza sativa* and African Wild Rice *Oryza longistaminata*. *International Journal of agricultural research*, 7(6): 291-302.
15. **Kanya J.I.**, Ochora J.M., Onguso J.M. (2012). On the agroforestry systems and *in situ* conservation of medicinal plant germplasm in Trans-Nzoia county, Kenya. *African Journal of ethinomedicine and Practice (KEN)*, 5-19.
16. Njiru P.N., **Kanya J.I.**, Kimani J.N., Wanjogu R.K. (2012). Establishing a “Microbial-Plant” as means to control rice blast disease. In. *Proceedings, The future of biodiversity Research in Africa. Workshop held between 17th-20th July, 2012 at Taita Taveta University College, Kenya.*
17. Njiru P.N., **Kanya J.I.**, Kimani J.N., Wanjogu R.K. (2012). Use of Anthocyanin Morphological Markers to Select Hybrids from Non-hybrid Basmati Lines. In. *Proceedings- Research and Development for Advancement of Humanity held between 26th – 28th September 2012 at Egerton University.*
18. **Kanya J.I.**, Kinyamario J.I., Amugune O.N., Hauser P.T., (2009). Dispersal distance of rice (*Oryza Sativa* L.) pollen at the Tana River delta in the coast province, Kenya. *African Journal of Biotechnology* Vol. 8 (10): 2265-2270.
19. **Kanya, I. J.**, Ngi-Song, A. J, Sétamou. M. F., Overholt W., Ochora, J., Osir E. (2004). Diversity of alternative hosts of maize stemborers in Trans-Nzoia district of Kenya. *Environmental Biosafety Research*, 3: 159-168.
20. **Kanya J.I.**, Kinyamario J.I., Amugune O.N., Hauser P.T., (2009). Dispersal distance of rice (*Oryza Sativa* L.) pollen at the Tana River delta in the coast province, Kenya. *African Journal of Biotechnology* Vol. 8 (10): 2265-2270.
21. Fitt G. P., Andow D. A, Moar W. J, Schuler T. H, Omoto C, **Kanya I. J.**, Oketch P. and Maniani K. (2004). Resistance Risks and management Associated with Bt Maize in Kenya. In *Environmental Risk Assessment of genetically Modified Organisms. A case study of Bt maize in Kenya*. Pp 209

SCIENTIFIC REPORT(S)

On-going report on the upgrading of the Science Equipment Production Unit (SEPU) Secondary School Biology Science Kit.

THESES AND OTHER AUTHORSHIP

1. **JAMES I. KANYA (2010).** Gene flow between cultivated rice (*Oryza sativa*) and the wild rice (*Oryza longistaminata*), and its potential ecological consequences in Kenya. Ph.D. Thesis, University of Nairobi.
2. **JAMES I. KANYA (2004).** Identification and quantification of vegetation in the proximity of maize fields in Trans-Nzoia District, Kenya. M.Sc. Thesis, Jomo Kenyatta University of Agriculture and Technology (JKUAT).

MEMBERSHIP IN PROFESSIONAL BODIES

2018-Todate: Embu County Professionals Development Association

2011-todate: Member, Kenya Rice Research Forum (KRRF).

2007-Todate: Member, Danish Development Research Network (DDRN)-based in Denmark.

2005-2010: Member, BiosafeTrain-a scientific organization based in Denmark.

2000-2004: Member, Global Genetically Modified Organisms (GMO) and Environmental Risk Assessment (ERA).

PRESENT AND PAST ASSOCIATIONS/COLLABORATIONS

1. Kenya National Council of Science and Technology.
2. National Irrigations Board of Kenya.
3. Kenya Polytechnic University College.
4. Kenya Agricultural Research Institute (KARI), Mwea.
5. Mwea Irrigation Agricultural Development (MIAD) Centre.
6. Hasselt University, Belgium.
7. International Centre for Insect Physiology and Ecology (ICIPE)

REFEREES

Prof. Jenesio I. Kinyamario (Ph.D):

School of Biological Sciences,
University of Nairobi,
P. O. Box 30197 - 00100,
Nairobi, Kenya. Tel: +254
(02)
4445763. Email:
prof.kinyamario@yahoo.com

Prof., Paul N. Ndegwa (Ph.D),

Director,
School of Biological Sciences,
University of Nairobi,
P. O. Box 30197 - 00100, Nairobi,
Kenya. Tel: +254 (02) 4445763
Email: pndegwa@uonbi.ac.ke

The above information is true and accurate to the best of my knowledge.

Signed:



Date: 7th June 2019

