



**RESEARCHER ID :**

**SCOPUS ID :**

**ORCHID:**

**Position:** Assistant Research Scientist (Forest Pathology)

## 1. PERSONAL INFORMATION

- |                    |   |
|--------------------|---|
| 1.1. NAME          | Angela Mwongeli Muthama   |
| 1.2. ADDRESS       | P.O Box 20412-00200, Nairobi  |
| 1.3. PHONE         | 0729084270  |
| 1.4. EMAIL ADDRESS | <a href="mailto:amuthama@kefri.org">amuthama@kefri.org</a> , <a href="mailto:angelamuthama2@gmail.com">angelamuthama2@gmail.com</a> |
| 1.5. NATIONALITY   | Kenyan  |
| 1.6. GENDER        | Female  |

## 2. QUALIFICATIONS

### 2.1. Academic Qualifications

2011-present: Masters of Philosophy (M.Phil.) in Forestry -Tropical Forest Biology and Silviculture, University of Eldoret, Eldoret, Kenya

2007-2011: Bachelor of Science (BSc.) in Forestry, Moi University, Eldoret, Kenya

### 2.2. Key Competencies

### 2.3. Other Courses

**2<sup>nd</sup> -3<sup>rd</sup> November 2018:** Digitization of biological resources by National Museums of Kenya, Nairobi, Kenya.

**2<sup>nd</sup> -6<sup>th</sup> October 2017:** ISO 9001:2015 (Quality Management System) and ISO 14001 (Environment Management System) Internal Audit training course, Kitui Regional Center - KEFRI.

**25<sup>th</sup> -27<sup>th</sup> September 2017:** ISO 9001:2015 (Quality Management System) and ISO 14001 (Environment Management System) Champions' training course, Kitui Regional Center - KEFRI.

**10<sup>th</sup> -14<sup>th</sup> February 2015:** Monitoring and evaluation by Amkeni waKenya (Civil Society Democratic Governance Facility in conjunction with UNDP)

**24<sup>th</sup>-31<sup>st</sup> August 2013:** UNAOC-EF Summer school 2013 (New York)

**27<sup>th</sup> -31<sup>st</sup> July 2013:** Project Finance Management training by UNDP (Amkeni WaKenya)

**7<sup>th</sup> August – 8<sup>th</sup> September 2012:** Tropical Biology Association Field Courses (Tanzania)

### **3. EMPLOYMENT HISTORY**

**Sept 2015 – Date:** Assistant Research Scientist, Forest Pathology, Kenya Forestry Research Institute (KEFRI), P.O Box 20412 - 00200 Nairobi, Kenya.

**Oct 2013- August 2014:** Research Assistant, Innovation in Forest Pathology, Kenya Forestry Research Institute (KEFRI), P.O Box 20412 - 00200 Nairobi, Kenya.

**June 2011 - Sept 2013:** Project Coordinator, Human Rights and Information Forum P.O. Box 6368-01000 Thika, Kenya

### **4. ADMINSTRATIVE RESPONSIBILITY**

### **5. PUBLICATIONS**

#### **5.1. Journal papers**

**Muthama A.M., Njuguna J.W. & Sang, F.K.** (2017) “Botryosphaeriaceae fungal species as potential pathogens of Meliaceae in the Arid and Semi-arid lands of Kenya”. *Indian Forester*

#### **5.2. Books**

#### **5.3. Book Chapter**

#### **5.4. Technical Notes /Protocols/Guidelines**

#### **5.5. Policy Briefs**

### **6. RESEARCH**

#### **6.1. Completed**

1. Research and development in support of commercial forestry in Kenya, Funded by Gatsby Africa
2. Screening of indigenous tree species in Kenya for diseases tolerance and resistance under Pathology for Climate Change Adaptation project in collaboration with Swedish University for Agricultural Sciences and Makerere University (2013-2017)
3. Germplasm health testing of *Grevillea robusta* and *Moringa Oleifera* seeds funded by ICRAF

#### **6.2. Ongoing research**

Mapping and control of Phragmanthera tree parasite in the Rift Valley ecoregion of Kenya

#### **6.3. Mentorship and supervision**

## 7. INNOVATIONS AND PATENTS (Intellectual Property)

## 8. CONFERENCES/SEMINARS/WORKSHOPS

### 8.1. Presentation of Papers at Academic and Professional Conferences

**Muthama A.M., Njuguna J.W., Sang, F.K. & Odhiambo, K.O.** (2018). The incidence, severity and characterization of Botryosphaeriaceae fungi on *Melia volkensii* Guerke and *Azadirachta indica* L. trees in selected Kenyan Arid and Semi-Arid Lands In: Kamondo, B., Tuwei, P. and Wanjiku, J. (Eds.) Recent advance in forestry research and technology development for sustainable forest management: Proceedings of the 5<sup>th</sup> Kenya Forestry Research Institute (KEFRI) scientific conference, Muguga, Kenya, 17-19<sup>th</sup> April 2018.

**Muthama A.M., Njuguna J.W. & Sang, F.K.** (2017) “Botryosphaeriaceae fungal species as potential pathogens of Meliaceae in the Arid and Semi-arid lands of Kenya”. 3<sup>rd</sup> to 7<sup>th</sup> April 2017: XIX Commonwealth Forestry Conference held at the Forest Research Institute in Dehradun, India.

### 8.2. Participation in Workshops/Conferences

17<sup>th</sup> – 19<sup>th</sup> April 2018: 5<sup>th</sup> KEFRI Scientific Conference held at KEFRI Headquarters, Muguga Kenya. Presented a poster on “Application of molecular genetics in tree improvement”  
3<sup>rd</sup> to 7<sup>th</sup> April 2017: XIX Commonwealth Forestry Conference held at the Forest Research Institute in Dehradun, India. Presented a paper on “Botryosphaeriaceae fungal species as potential pathogens of Meliaceae in the Arid and Semi-arid lands of Kenya”

### 8.3. Convening/Coordinating Conferences

A member of the organizing committee for the 5<sup>th</sup> KEFRI Scientific Conference held on 17<sup>th</sup> - 19<sup>th</sup> April 2018 at the KEFRI Headquarters, Muguga, Kenya.

## 9. PROFESSIONAL ENGAGEMENT

### 9.1. Training

### 9.2. Consultancies

### 9.3. Collaboration with external organizations

## **10. EXTERNAL AND INTERNAL RESEARCH GRANTS**

### **10.1.**

## **11. LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS**

### **11.1. Local**

### **11.2. Regional**

### **11.3. International**

## **12. AWARDS AND RECOGNITION**

2017: Commonwealth Scholarship Commission MSc (Tropical Forestry by distance learning)

2014: Community Solutions Program Fellowship by the United States of America State Department

2012: Best Project-Tropical Biology Association September 2012

2011: Best student in my degree program- BSc. (Forestry) Moi University in April 2011

## **13. CONTRIBUTION TO KEFRIs ADVANCEMENT**

## **14. MEMBERSHIP TO PROFESSIONAL BODIES**

1. Forestry Society of Kenya (FSK)
2. Tropical Biology Association

## **15. REFEREES**

1. Linus Mwangi, Principal Research Scientist- Forest Pathology  
Kenya Forestry Research Institute P.O. Box 20412-00200, Nairobi, Kenya  
Email: [linusmwangi@ymail.com](mailto:linusmwangi@ymail.com)
2. Dr. Kenneth Opiyo  
School of Natural Resource Management, University of Eldoret  
P.O. Box 1125-30100, Eldoret, Kenya  
[opiken2002@yahoo.com](mailto:opiken2002@yahoo.com)