



CURRICULUM VITAE

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EDUCATIONAL BACKGROUND

UNIVERSITY: 1988-1993- University of Reading (UK) Ph.D Plant Taxonomy
1981-1982 - University of Reading UK, M.Sc Plant Taxonomy
1975-1978 - University of Nairobi, B.Ed (Science), Upper Second
Class Honours degree. Subjects of study Botany,
Zoology and Education.

SECONDARY: 1973-1974- Alliance Girls High School, Kikuyu EAACE, two
principle passes in Biology and Geography and two
subsidiaries in Chemistry and General Paper.

EMPLOYMENT HISTORY

AUG 1988 - PRESENT: Kenyatta University
P.O. BOX 43844
Nairobi

POSITION: Lecturer

RESPONSIBILITIES: Teaching.

MSc. Courses:

- Flora of East Africa,
- Advanced Taxonomy

- Ethnobotany,
- Biosystematics and Palynology.

Undergraduates

- Taxonomy of Higher Plants
- Bryophytes and Pteridophytes
- Survey of the Plant Kingdom.
- Plant morphology and Anatomy

Internal Supervision

Daniel Mang'uriu (Ph.D) Ethnobotany

Jancinta Ngwiri (MSc) Taxonomy of *Sansevieria* species I56/7335/02

Gitonga N. Mawira (MSc). Variations in some Legume species. I54/7337/02

Fidenacio Kinyamu Ndegwa (MSc) Use, Conservation and Harvesting techniques of Medicinal Plants by the Ogiek of East Mau Forest, Nakuru District, Kenya.

Jacinta Emacar -Msc.- 2008.

Samuel Anyambu – Msc. 2008

Kathuri Wawira – Msc. 2008

Thesis examined.

- Gituru Robert Wahiti, 1996
- Investigation of Variation within *Cissus quadrangularis* L. in Kenya.
- Waiganjo Florence Wanja, 2000. Forest Plants used in Ragati, Mt. Kenya, Their Taxonomy, Economic Values and Conservation.
- Mweru Peris. 2002. Environmental Assessment of the impact of charcoal production in Machakos District.

External examination

External examiner, Biology, Kagumo Teachers College.

Administrative Duties

- August 2004 placement committee - member
- August 2003 - 2004: Warden, Eastern zone, women (Aberdares - New and Old).
- April 2001 – June 2007: Departmental Examination Coordinator.
- April 2001 to June 2007: Chairlady Examination Moderation Committee
- 2000 to 2004: Curator - Herbarium.
- 2007-2009: Appointed Mentor, mentoring services to students
- 2007- 2009- Warden, Womens Halls, Nyayo Hostels

Programmes.

- Programme development for MSc
- Formulation of courses in Plant Taxonomy.

FEB. 1987 - AUGUST 1988

POSITION: Tutorial fellow.

RESPONSIBILITIES: Teaching and on the job training.

JULY 1978 – JAN 1987: Kenya Agricultural Research Institute (KARI), Muguga.

POSITION: Research Officer.

RESPONSIBILITIES: 1978-1980: Duty station: East African Herbarium, Nairobi.

- Identification and naming of herbarium specimens as a routine function
- Giving talks and information to institutions and individuals on the techniques and role of the Herbarium in research, plant uses, local names, distributions etc. This was done to visitors to the herbarium or invited by institutions like polytechnics
- Research into Flora of East Africa.
- Conducting Field trips to collect plants.
In Samburu district, Northern Kenya,
Kitui Districts in Eastern Kenya.
Floristic Studies on Gedi forests in Mombasa

1981-1982: Study leave

- 1983: Duty station, Muguga Research on social forestry
Projects.
Responsibilities: Integration of Indigenous crops into farming systems.
 - Coordination of small-scale farmer groups and strengthening of networks for sustainable tree-crop integration, tree production and income generation.
 - Identify policy bottlenecks that prevent farmers from appropriate communication and adoption of new technologies.
 - Develop new concepts that help bridging the gap between known and available technologies on one hand and increasing the rate of adoption of these technologies by farmers on the other.
 - Publish and disseminate information and new practical to all interested groups.

CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED.

2008: VicRes Project Leaders meeting, Kampala, Uganda

2007: Relevance of Intellectual Property Rights to Institutions of Higher Learning.

2007: Kenyatta University Capacity Building for Mentors.

2007: Mainstreaming of HIV and AIDS in the University curriculum.

16th –22nd march, 2008. VicRes proposal writing workshop in Jinja, Uganda.

- 2005: International postgraduate Biological Science conference KU
2004: International postgraduate zoological conference, KU.
2002: Prota Workshop. World Agroforestry Center ICRAF, Nairobi
1994: Biotechnology Platform, the way forward since Beijing, Nairobi University.
1993: Mapping strategies for the Kenya Association of Women Scientists and Engineers at ICIPE.
1991: Advances in Labiatae Science, Kew, England,
1984: Planning Fuelwood Projects, Lilongwe, Malawi. Presented a paper on Useful Trees of the Kenyan Coast.

FUNDED PROJECT

Increasing fish productivity in the Lake Victoria Region using integrated weir and vegetation propagation technologies funded by VicRes.

NATIONAL AND EXTERNAL BOARDS

- 2000 - 2003: Council member, National Standards Council, Kenya Bureau of Standards, Nairobi.
2002 - Present: Member of Board of Governors, Mount Kinangop Girls' High School.

PUBLICATIONS

1994. Taxonomic Studies of the Genus *Pycnostachys* Labiatae Phd Thesis
1982. Taxonomic Studies of the genus *Commicarpus*, Nyctaginaceae Msc Dissertation
2007. *Medicinal Plants Used by Herbalists in Nairobi*. East African journal of Botany.
2007 in preparation: *Conservation studies on Medicinal Plants Used by Ogiek of East Mau Forest in Nakuru District*.
Medicinal plants Used by Ogiek Community, East Mau Forest for Humans and Livestock