

CV FOR NEDUVOTO PINIEL MOLLEL

1.0 PERSONAL INFORMATION

- 1.1 Surname: Mollel
- 1.2 First name: Neduvoto
- 1.3 Middle name: Piniel
- 1.4 Gender: Female
- 1.5 Date of Birth: 23/09/1967
- 1.6 Nationality: Tanzanian
- 1.7 Contacts: TPRI, P O BOX 3024, Arusha, Tanzania
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2.0 ACADEMIC QUALIFICATIONS

- 2.1 PhD of Science in Plant Ecology and Evolution 2015. University of Bern, Switzerland.
- 2.2 Masters of Science in Plant taxonomy and Biodiversity Conservation 2006. University Leiden, Netherlands.
- 2.3 Bachelor of Science in Biology, Chemistry and Education (Hon.), 1995. University of Dar es salaam, Tanzania.

3.0 EMPLOYMENT

- 3.1 1997 to date: Herbarium Botanist – Tropical Pesticides Research Institute
National Herbarium of Tanzania Division

4.0 DUTY POSTS HELD

Head National Herbarium of Tanzania

5.0 PROJECTS AND AWARDS

- 5.1 National Coordinator (Tanzania) in a collaborative East Africa project “Uchambuzi wa viumbe hai kwa Maendeleo” (UVIMA) for Biodiversity Taxonomy and collections’ capacity building. Funded by BioNet International.
- 5.2 Principal Investigator (PI) for TanBIF (Tanzania Biodiversity Facility) Project, 2009. The project funded by GBIF – CEPDEC (Global Biodiversity Facility – Capacity Enhancement Program for Developing Countries). Titled: *Digitization of Biodiversity data and collection in Tanzania.*

5.3 Best Worker award (TPRI overall) - 2011

6.0 PUBLICATIONS (recent)

- 6.1 Mercader J, Clarke S, Bundala M, Favreau J, Inwood J, Itambu M, Larter F, Lee P, Lewiski-McQuaid G, **Mollel N**, Mwambwiga A (2018). Soil and Plant Phytoliths from the Acacia-commiphora Mosaics at Olduvai Gorge, Tanzania. Doi.org/10.31219/osf.io/3ed7f
- 6.2 Albrecht, J., Classen, A, Vollstädt, M.G.R., May, A., **Mollel, N.P.**, Costa D.S., Dulle, H.I, Markus Fischer, M., Hemp, A., Howell, K.M. (2018). Plant and animal functional diversity drive mutualistic network assembly across an elevational gradient. *Nature Communication*. 24(5): 2021 -2034
- 6.3 **Mollel, N. P.**, Fischer, M., & Hemp, A. (2017). Usable wild plant species in relation to elevation and land use at Mount Kilimanjaro, Tanzania. *Alpine Botany Journal*. 127:145 – 154
- 6.4 Ensslin A, **Mollel N.P.**, Hemp A, Fischer M. (2017). Elevational transplantation suggests different responses of African submontane and savanna plants to climate warming. *Journal of Ecology*. 106: 296-305
- 6.5 **Mollel, N.P.**, 2015. Plant Community Diversity in Relation to Elevation and Land Use at Mount Kilimanjaro (Doctoral dissertation, Verlag nicht ermittelbar. Bern University, Switzerland

7.0 Conference papers (selected)

- 7.1 **Mollel, N.P.**, Hemp, A. and Markus, F. (2017). Phylogenetic diversity of plant communities in relation to elevation and land use at Mt. Kilimanjaro. In Keyyu J. *et al.* (Eds). The Future of Wildlife Conservation in the Face of Increasing Anthropogenic Demands. Proceedings of the TAWIRI Scientific Conference held in Arusha from 2nd to 4th December 2015.

8.0 Books and book chapters (selected)

- 8.1 **Mollel, N.P.**, Sitoni, D.K., Mboya, E.I., Elia, J.N., Kirombo, M. & Manase C. (2016). Field guide book for common plants of Arusha National Park. TANAPA.

- 8.2 **Mollel, N. P.**, (2013). *Maerua tryphylla*. In G.H. Schmelzer and A. Gurib-Fakim, (Editors). Plant Resources of Tropical Africa. Medicinal Plants **11 (2)**. PROTA Foundation Wageningen, Netherlands/CTA Wageningen, Netherlands. Pp 166-168
- 8.3 **Mollel, N. P.**, (2012). Wood anatomy. In D. Louppe, A. A Oteng-Amoako and M.Brink (Editors). Plant Resources of Tropical Africa (PROTA) **7(II)** Timbers. Wageningen, Netherlands

9.0 Technical reports (for the last 5 years only)

- 9.1 Keyyu, J.D., Mbije, E.N., Mbwambo J.R., Kische A.M., Mwampashi Y., Fandey H.M., Mwakalukwa E.E. & **Mollel N.P.**, (2018). Baseline Biodiversity survey of Flora and Fauna at the Rufiji Hydropower Project area in Selous Game Reserve.
- 9.2 **Mollel, N.P.**, Gongwe A, Shirima E Mfumu G, Kawishe P & Mwilawa A. (2017). Socio-economic impact assessment of an invasive species *Chromolaena odorata* (Siam weed) at Kenyamonta ward Serengeti District. Within the project titled **“Invasive plant species threat to livestock production in the Lake and North Eastern Zones of Tanzania”**

10.0 EXTERNAL RELATIONS

- 10.1 Board Member- National Environmental and Management Council (NEMC), 2019
- 10.2 Board Chairperson- JR Institute of Information and Technology, 2016 to date
- 10.3 Executive Committee Member – Eastern Africa Regional Food Security and Climate Change Project - FIDA International, 2015 to date

11.0 DECLARATION

I, Neduvoto P Mollel declare that the information given above is true and nothing else but the truth.



03/01/2020