

<b>Professor</b>	
<p>John Tabuti  Department of Environmental Management  School of Forestry, Environmental and Geographical Sciences  College of Agricultural and Environmental Sciences,  Makerere University  P.O. Box 7062, Kampala, Uganda  Mobile: +256 772 960880  Email: jtabuti@caes.mak.ac.ug  Alternative Email: jtabuti@gmail.com  Skype: jtabuti</p>	
<b>Professional Training and Experience</b>	<p>2003: Ph.D. Ethnobotany, Norwegian University of Life Sciences  1997: M.Sc. in Botany, Makerere University  1993: B.Sc., Makerere University  2018: Certificate in Forest Carbon Science, Policy and Management, Michigan State University</p>
<b>Research Interests/Expertise</b>	<p>Floristic studies, ethnobotany (identifying priority species), ethnopharmacology, agroforestry, stakeholder engagement</p>
<b>Publications</b>	<ol style="list-style-type: none"> <li>1. Whitney, C. W., Luedeling, E., Hensel, O., Tabuti, J. R. S., Krawinkel, M., Gebauer, J., &amp; Kehlenbeck, K. (2018) The role of homegardens for food and nutrition security in Uganda. <i>Human Ecology</i>, 46(4):497–514, <a href="https://doi.org/10.1007/s10745-018-0008-9">https://doi.org/10.1007/s10745-018-0008-9</a></li> <li>2. Ssekuubwa, E., Muwanika, V.B., Esaete, J., Tabuti, J.R.S., Tweheyo, M., (2018) Colonization of woody seedlings in the understory of actively and passively restored tropical moist forests. <i>Restoration Ecology</i> 0. <a href="https://doi.org/10.1111/rec.12850">https://doi.org/10.1111/rec.12850</a></li> <li>3. Whitney, C. W., Lanzasova, D., Muchiri, C., Shepherd, K. D., Rosenstock, T. S., Krawinkel, M., Tabuti, J. R. S., &amp; Luedeling, E. (2018). Probabilistic Decision Tools for Determining Impacts of Agricultural Development Policy on Household Nutrition, <i>Earth's Future</i>, 6, 359–372. <a href="https://doi.org/10.1002/2017EF000765">https://doi.org/10.1002/2017EF000765</a></li> <li>4. Whitney, C.W., Luedeling, E., Tabuti, J.R.S., Nyamukuru, A., Hensel, O., Gebauer, J., Kehlenbeck, K., 2018. Crop diversity in homegardens of southwest Uganda and its importance for rural livelihoods. <i>Agriculture and Human Values</i> 35, 399-424. doi: 10.1007/s10460-017-9835-3.</li> <li>5. Nampanzira, D. K., J. D. Kabasa, C. B. Katongole, S. Okello, and J. R. S. Tabuti. 2017. Ameliorative effects of Ficus and Harrisonia diets on Small East African goat meat yield. <i>Small Ruminant Research</i> 153:189-193.</li> <li>6. Whitney, C. W., J. R. S. Tabuti, O. Hensel, C.-H. Yeh, E. Luedeling, and J. Gebauer. 2017. Homegardens and the future of food and nutrition security in southwest Uganda. <i>Agricultural Systems</i> 154 (2017) 133–144</li> <li>7. Kyarikunda, M., A. Nyamukuru, D. Mulindwa, and J. R. S. Tabuti. 2017. Agroforestry and Management of Trees in Bunya County, Mayuge District, Uganda. <i>International Journal of Forestry Research</i> 2017:9.</li> <li>8. Nyamukuru, A., J. R. S. Tabuti, M. Lamorde, B. Kato, Y. Sekagya, and P. R. Aduma. 2017. Medicinal plants and traditional treatment practices used in the management of HIV/AIDS clients in Mpigi District, Uganda. <i>Journal of Herbal Medicine</i> 7:51-58.</li> </ol>

9. Bunalema, L., Fotso, G.W., Waako, P., Tabuti, J., Yeboah, S.O., 2017. Potential of *Zanthoxylum leprieurii* as a source of active compounds against drug resistant *Mycobacterium tuberculosis*. *BMC Complementary and Alternative Medicine* 17: 89.
10. Gebauer, J., Whitney, C.W., Tabuti, J.R.S., 2016. First record of baobab (*Adansonia digitata* L.) in Uganda. *Genetic Resources and Crop Evolution*, 1-8.
11. Nampanzira, D.K., Kabasa, J.D., Katongole, C.B., Okello, S., Tabuti, J.R.S., 2016. Natural gastro properties of *Ficus natalensis*, *Rhus natalensis* and *Harrisonia abyssinica* in native East African goats. *Livestock Science* 187, 31-34.
12. Bunalema, L., Tabuti, J., Sekagya, Y., Ogwang, S., Waako, P., 2015. Anti-tubercular activity of *Callistemon citrinus* and *Piptadenistrum africanum* on resistant strains of *Mycobacterium tuberculosis* using Microplate alamar blue assay. *Spatula DD* 5, 235-240.
13. Egeru, A., Wasonga, O., MacOpiyo, L., Mburu, J., Tabuti, J.R.S., Majaliwa, M.G.J., 2015. Piospheric influence on forage species composition and abundance in semi-arid Karamoja sub-region, Uganda. *Pastoralism: Research, Policy and Practice* 5:12.
14. Nampanzira, D.K., Kabasa, J.D., Nalule, S.A., Nakalembe, I., Tabuti, J.R.S., 2015. Characterization of the goat feeding system among rural small holder farmers in the semi-arid regions of Uganda. *SpringerPlus* 2015, 4:188
15. Nyamukuru, A., Nabatanzi, A., Mpiira, S. and Tabuti, J. R. S. 2015. Priority woody species and their management in selected sub-counties of Kiruhura and Arua districts, Uganda. *Ethnobotany Research & Applications* 14:049-061
16. Nyamukuru, A., Tabuti, JRS., Aduma, PR. 2014. Propagation and seedling establishment of selected multipurpose woody species of Uganda. *International Journal of Biodiversity Science, Ecosystem Services & Management*. <http://dx.doi.org/10.1080/21513732.2014.953584>
17. Galabuzi, C., Eilu, G., Mulugo, L., Kakudidi, E., Tabuti, J. R. S., & Sibelet, N. 2014. Strategies for empowering the local people to participate in forest restoration. *Agroforestry Systems* 88 (4), 719-734
18. Bunalema, L., Obakiro, S., Tabuti, J.R.S., Waako, P. 2014. Knowledge on plants used traditionally in the treatment of tuberculosis in Uganda. *Journal of Ethnopharmacology* 151, 999-1004.
19. Mpiira S., Kiiza B., Katungi E., Tabuti JRS., Staver C., Tushemereirwe WK. 2014. Determinants of net savings deposits held in savings and credit cooperatives (SACCO's) in Uganda. *Journal of Economics and International Finance* 6(4), 69-79
20. Tabuti, J.R.S., Hassen, I.E., Pateh, U.U., Mahomoodally, M.F., 2014. Recent Advances towards Validating Efficacy and Safety of African Traditional Medicines. *Evidence-Based Complementary and Alternative Medicine* 2014, doi 10.1155/2014/260567.
21. Tabuti, J.R.S., Kukunda, C.B., Kaweesi, D., and Kasilo, O.M., 2012.

- Herbal medicine use in the districts of Nakapiripirit, Pallisa, Kanungu, and Mukono in Uganda. *Journal of Ethnobiology and Ethnomedicine* 8:35
22. Tabuti John R.S. 2012. Important Woody Plant Species, their Management and Conservation Status in Balawoli Sub-county, Uganda. *Ethnobotany Research & Applications* 10:269-286
23. Tabuti, J. R. S. and Van Damme, P. 2012. Review of indigenous knowledge in Uganda: implications for its promotion. *Afrika Focus* 25 (1): 29-38
24. Kirimuhuzya, C., Bunalema, L., Waako, P., Tabuti, J.R.S., Orodho, J., Magadula, J.J., Otieno, N., Okemo, P., 2012. Efficacy of *Cryptolepis sanguinolenta* root extract on slow-growing rifampicin resistant *Mycobacterium tuberculosis*. *Journal of Medicinal Plants Research* 6, 1140-1146.
25. Stangeland, T., Tabuti, J., Lye, K.A., 2011. The framework tree species approach to conserve medicinal trees in Uganda. *Agroforestry Systems* 82, 275-284.
26. Bunalema, L., Kirimuhuzya, C., Tabuti, J.R.S., Waako, P., Magadula, J.J., Otieno, N., Orodho, J., Okemo, P., 2011. The efficacy of the crude root bark extracts of *Erythrina abyssinica* on Rifampicin Resistant *Mycobacterium tuberculosis*. *African Health Sciences* 11, 587 - 593.
27. Minzangi, K., A. N. Kaaya, F. Kansiime, J. R. S. Tabuti, B. Samvura and O. Grahl-Nielsen. 2011. Fatty acid composition of seed oils from selected wild plants of Kahuzi-Biega National Park and surroundings, Democratic Republic of Congo. *African Journal of Food Science* 5(4), 219 – 226
28. Minzangi, K., A. N. Kaaya, F. Kansiime, J. R.S. Tabuti and B. Samvura (2011). Oil content and physicochemical characteristics of some wild oilseed plants from Kivu region Eastern Democratic Republic of Congo. *African Journal of Biotechnology* Vol. 10(2), 189-195
29. John R.S. Tabuti, Vincent B. Muwanika, Mary Z. Arinaitwe, and Tamara Tickin (2011) Conservation of Priority Woody Species on Farmlands: A Case Study from Nawaikoke Subcounty, Uganda. *Applied Geography* 31, 456-462
30. P. Waako, R. N. Nsubuga, P. Sebulime and J. R.S. Tabuti. (2010) Practice and prospects of indigenous homestead based approaches to prevention of malaria; a case study of a high malaria transmission area in Uganda. *Scientific Research and Essays* 5 (24): 3950-3954
31. Lamorde, M., Tabuti, J.R.S., Obua, C., Kukunda, C.B., Lanyero, H., Byakika-Kibwika, P., Bbosa, G.S., Lubega, A., Ogwal-Okeng, J., Ryan, M., Waako, P.J., Merry, C., 2010. Medicinal plants used by traditional medicine practitioners for the treatment of HIV/AIDS and related ailments in Uganda. *Journal of Ethnopharmacology* 130 (1): 43-53
32. Tabuti, J.R.S., Kukunda, C.B. and Waako, P.J., 2010. Medicinal plants used by traditional medicine practitioners in the treatment of tuberculosis and related ailments in Uganda. *Journal of*

Ethnopharmacology 127, 130–136.

33. Gradé Jeanne, Robert Weladji, John Tabuti and Patrick Van Damme (2009). Healer-driven ethnoveterinary knowledge diffusion among semi-nomadic pastoralists in Karamoja, Uganda. *Afrika Focus* 22(1): 57-75
34. Tabuti, J.R.S. and Lye, L.A. (2009). Fodder plants for cattle in Bulamogi, Uganda. *African Monograph Series* 30(3): 161-170.
35. J.R.S. Tabuti, T. Ticktin, M.Z. Arinaitwe and V.B. Muwanika (2009). Community attitudes and preferences towards woody species and their implications for conservation in Nawaikoke Sub-county, Uganda. *Oryx* 43(3): 393–402
36. J.T. Gradé, J.R.S. Tabuti, P. Van Damme (2009) Ethnoveterinary knowledge in pastoral Karamoja, Uganda. *Journal of Ethnopharmacology*, 122 (2): 273-293
37. J. T. Gradé, John R. S. Tabuti and Patrick Van Damme (2009) Four Footed Pharmacists: Indications of Self-Medicating Livestock in Karamoja, Uganda. *Economic Botany*, 63(1), 29–42.
38. Tabuti J. R.S. (2008). Herbal medicines used in the treatment of malaria in Budiope County, Uganda. *Journal of Ethnopharmacology* 116:33-42.
39. Torunn Stangeland, John R. S. Tabuti and Kåre A. Lye. (2007). The influence of light and temperature on the germination of two Ugandan medicinal trees. *African Journal of Ecology* 46, 565–571
40. Gradé, J.T., J.R.S. Tabuti, P. Van Damme & B.L. Arble. 2007. Deworming efficacy of *Albizia anthelmintica* in Uganda: preliminary findings. *African Journal of Ecology*, 45 (Suppl. 3), 18–20.
41. Katuura E., Waako P., Tabuti J.R.S., Bukenya-Ziraba R. & Ogwal-Okeng J. 2007. Antiplasmodial Activity of Extracts of Selected Medicinal Plants Used by Local Communities in Western Uganda for Treatment of Malaria. *African Journal of Ecology*, 45 (Suppl. 3), 94–98
42. Mucunguzi, P., J. Kasenene, J. Midgley, P. Ssegawa and J.R.S. Tabuti. 2007. Distinguishing forest tree communities in Kibale National Park, western Uganda using ordination and classification methods. *African Journal of Ecology*, 45, (Suppl. 3) 99–108
43. Tabuti, J.R.S. and Mugula, B.B. 2007. The ethnobotany and ecological status of *Albizia coriaria* Welw. ex Oliv. in Buwagi and Namizi parishes, Uganda. *African Journal of Ecology*, 45 (Suppl. 3), 126–129.
44. Tabuti, J.R.S. 2007. The uses, local perceptions and ecological status of 16 woody species of Gadumire Sub-county, Uganda. *Biodiversity & Conservation*, 16: 1901-1915.
45. Tabuti, J.R.S. 2007. Status of non-cultivated food plants in Bulamogi County, Uganda. *African Journal of Ecology* 45 (Suppl. 1), 96-101.
46. J.R.S. Tabuti, S.S. Dhillon and L.A. Lye. 2004. The status of wild food plants in Bulamogi County, Uganda. *International Journal of Food Sciences and Nutrition* 55(6): 485-498.

47. Tabuti, J. R. S. 2004. The traditional medicine practitioners (TMPs) and attitudes of the rural community of Bulamogi County (Uganda) towards traditional medicine: preliminary findings. *African Journal of Ecology* 42 (Suppl. 1), 40-41.
48. Tabuti John R.S., Dhillion Shivcharn S., and Lye Kaare A., 2003. Ethnoveterinary medicines for cattle (*Bos indicus*) in Bulamogi county, Uganda: plant species and mode of use. *Journal of Ethnopharmacology* 88, 279-286.
49. Tabuti, J.R.S., Dhillion, S.S. and Lye, K.A., 2003. Fuelwood use in Bulamogi County, Uganda: species harvested and consumption patterns. *Biomass & Bioenergy* 25 (6): 581-596.
50. Tabuti J.R.S., Lye, K.A., and Dhillion, S.S., 2003. Traditional herbal drugs of Bulamogi, Uganda: plants, use and administration. *Journal of Ethnopharmacology* 88, 19-44.
51. Tabuti, J.R.S., Dhillion, S.S. and Lye, K.A., 2003. Traditional medicine in Bulamogi county, Uganda: its practitioners, users and viability. *Journal of Ethnopharmacology* 85, 119-129.
52. Bukenya-Ziraba, R., Tabuti, J.R.S., Schippers, R., Ssentenza, J. and Fereday, N. 1999. Socio-economic importance of indigenous vegetables in the peri-urban area of Kampala (Uganda). *Lidia* 4(5), 121-132.
53. Tabuti, J.R.S., Oryem-Origa, H., Mutumba, G.M. and Kashambuizi, J.T. 1998. Partitioning of soluble calcium in the water hyacinth (*Eichhornia crassipes* (Martius) Solms), in Lake Victoria, Uganda. *Bot. Acta* 111, 297 – 302.

#### 5.2 Book and Book Chapters

1. Olupot, G., Otukey, J.R., Muwanika, V.B., Esaete, J., Tabuti, J.R.S., 2017. Conversion of native vegetation in protected areas fuels CO<sub>2</sub>-equivalent losses in Uganda. In: Mukul, S.A., Rashid, A.Z.M.M. (Eds.), *Protected Areas: Policies, Management and Future Directions*. Nova Science Publishers New York, pp. 179-202.
2. Tabuti, J.R.S., Egeru, A., Jakisa, E., 2016. Role of culture and gender in shaping rangeland management and adaptation. In: Yanda, P.Z., Mung'ong'o, C.G. (Eds.), *Pastoralism and climate change in East Africa*. Mkuki na Nyota, Dar es Salaam, pp. 87-105.
3. Egeru, A., Nandozi, C., Kyobutungi, A., Tabuti, J.R.S., 2016. Dimensions of vulnerability to climate change and variability in pastoral production systems of East Africa. In: Yanda, P.Z., Mung'ong'o, C.G. (Eds.), *Pastoralism and climate change in East Africa*. Mkuki na Nyota, Dar es Salaam, pp. 69-85.
4. Tabuti, J.R.S., Nyamukuru, A., Lamorde, M., 2014 Plant Medicines Used in the Treatment of Malaria. In: Gurib-Fakim, A. (Ed.), *Novel Plant Bioresources: Applications in Food, Medicine and Cosmetics*. John Wiley & Sons, Ltd, pp. 175-178.
5. Gradé, J. T., J. R. S. Tabuti, and P. Van Damme. 2009. Building institutions for endogenous development: using local knowledge as a

	<p>bridge. Pages 255-266 in P. C. Sanginga, A. Waters-Bayer, S. Kaaria, J. Njuki, and C. Wettasinha editors. Innovation Africa: Enriching Farmers' Livelihoods. Earthscan and Sterling, VA, London</p> <p>6. Lye, K. A., Bukenya-Ziraba, R., Tabuti, J.R.S. &amp; Waako, P.J. 2008. Botanical-Medicinal Dictionary for East Africa. Makerere Herbarium Handbook no. 2. Department of Botany, Makerere University, Kampala, Uganda.</p>
<b>Research Projects</b>	<p>1. 2013 - Ongoing: Building capacity for REDD+ in East Africa for improved ecosystem health and for sustainable livelihoods in Eastern Africa (UGA-13/0019). NORAD.</p> <p>2. 2012 – ongoing: Relationship between development of agroforestry and local knowledge in East African Highlands (JSPS KAKENHI Grant # 24710298), Collaborator</p> <p>3. 2014 – Ongoing: Advancement of Safe Natural Products for the Treatment of Malaria. Funded by the OPCW</p>
<b>Professional Membership and Activities</b>	<p>1. Member of the Uganda National REDD+ Technical Committee</p> <p>2. Member, African Forest Forum (<a href="http://afforum.org/intranet/">http://afforum.org/intranet/</a>)</p> <p>3. Council Member, Uganda National Academy of Sciences (UNAS)</p> <p>4. Corresponding member of the Royal Academy for Overseas Sciences of Belgium</p> <p>5. Society for Conservation Biology (SCB) member, id 70035</p> <p>6. Member of the International Society of Ethnobiology. Previous Africa Regional representative on the ISE Board of 2008 – 2010</p>