



CURRICULUM VITAE

Mijoro Rakotoarinivo

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Lecturer & Herbarium Curator

Department of Plant Biology and Ecology,
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JOB

- **Since August 2015:** Lecturer, Department of Plant Biology, Faculty of Sciences, University of Antananarivo, Madagascar.
- **April 2008-August 2015:** GIS Unit Manager & Palms Conservation Officer, Kew Madagascar Conservation Centre. Lot II J 131 B Ambodivoanjo, Ivandry Antananarivo, 101, Madagascar

EDUCATION

- **University of Antananarivo, Faculty of Sciences, Department of Plant Biology and Ecology**
 - *Doctorate in Plant Ecology, 2008.* Analyse de la distribution et de la conservation des palmiers (Arecaceae) de Madagascar par l'utilisation du Système d'Information Géographique.
 - *Master in Plant Biology, 2005.* Etude démographique de *Beccariophoenix madagascariensis* Jum. Et H. Perrier (Palmae) à Sainte Luce (Fort-Dauphin) en vue de la conservation de l'espèce
- **Royal Botanic Gardens, Kew – United Kingdom, GIS Unit – Herbarium:** Training on Geographic Information System, 2006 et 2008.

SKILLS and TECHNIQUES

- Herbarium management and research.
- Mapping, GIS analysis and databasing.
- Biogeography and Ecological profile
- Botany and forestry.
- Applied ecology and environmental impact assessment.
- Redaction of scientific articles and report.

SELECTED PUBLICATIONS

Eiserhardt W.L., Dransfield J., **Rakotoarinivo M.** & William J.B. 2018. Four new species of *Dypsis* (Arecaceae: Arecoideae) from Madagascar. *Kew Bulletin* 73: 44

Gardiner L., **Rakotoarinivo M.**, Rajaovelona L., & Clubbe C. 2017. Population genetics data help to guide the conservation of palm species with small population sizes and fragmented habitats in Madagascar. *PeerJ* 5:e3248; DOI 10.7717/peerj.3248

Baker W.J., Eiserhardt L.E., **Rakotoarinivo M.**, Andriamanantena A.Z., Rabarijaona R. & Rapanarivo S. 2016. The Palms of Masoala. *Palms* 60(4): 169-193.

Rakotoarinivo M., Dransfield J., Bachman S.P., Moat J. & Baker W.J. 2014. Comprehensive Red List Assessment Reveals Exceptionally High Extinction Risk to Madagascar Palms. *PLoS ONE* 9(7): e103684. doi:10.1371/journal.pone.0103684

Shapcott A., Quinn J. & **Rakotoarinivo M.**, 2014. Two of Madagascar's Most Threatened Palms: *Voanioala gerardii* and *Lemurophoenix halleuxii*. *Palms* 58(1): 27-34.

Rakotoarinivo M., Blach-Overgaard A., Baker W.J., Dransfield J., Moat J. & Svenning J-C. 2013. Palaeoprecipitation is a major determinant of palm species richness patterns across Madagascar: a tropical biodiversity hotspot. *Proc R Soc B* 280: 20123048.

<http://dx.doi.org/10.1098/rspb.2012.3048>

Rakotoarinivo M. & L.R. Rajaovelona, 2013. Palm conservation in Itremo, Madagascar. *Palms* 57(2): 101-103.

Dransfield J. & **Rakotoarinivo M.** 2012. The Palms of Tsitongambarika, Southeast Madagascar. *Palms* 56(4): 161-179.

Shapcott A., Quinn J., **Rakotoarinivo M.** & Dransfield. J. 2012. Contrasting patterns of genetic diversity between two endangered palms with overlapping distributions, *Voanioala gerardii* (Arecaceae) and *Lemurophoenix halleuxii* (Arecaceae) from North-east Madagascar. *Conservation Genetics* 13: 1393-1408.

Dransfield J. & **Rakotoarinivo M.** 2011. The Biogeography of Madagascar Palms. In *The Biology of Island Floras*, eds Bramwell D. & Caujapé-Castells J, pp 179-196. Cambridge University Press.

Rakotoarinivo M. & Dransfield J. 2010. New species of *Dypsis* and *Ravenea* (Arecaceae) from Madagascar. *Kew Bulletin* 65: 279—303.

Rakotoarinivo M., Trudgen M.S. & Baker, W.J. 2009. The Palms of Makira Protected Area, Madagascar. *Palms* 53(3): 125-146.

Dransfield J., **Rakotoarinivo M.**, Baker W.J., Bayton R.P., Fisher J.B., Horn J.W., Leroy B. & Metz X., 2008. A new Coryphoid palm genus from Madagascar. *Botanical Journal of the Linnean Society*, 156 (1): 79 – 91.

Rakotoarinivo M., 2008. A Remarkable *Ravenea* from the mountain forest of Andilamena, *Palms* 52(1): 11–17.

Rakotoarinivo M. 2008. Analyse de la distribution et de la Conservation des palmiers (Arecaceae) de Madagascar par l'utilisation du Systeme d'Information Géographique. Thèse de Doctorat en Ecologie Végétale, Université d'Antananarivo.

Rakotoarinivo M., Ranarivelo T. & Dransfield, J. 2007. A new species of *Beccariophoenix* from the high plateau of Madagascar, *Palms* 51(2): 46-62.

Shapcott A., **Rakotoarinivo M.**, Smith R.J., Lysakova G., Fay M.F. & Dransfield, J. 2007. Can we bring Madagascar's critically endangered palms back from the brink? Genetics, ecology and conservation of the critically endangered palm *Beccariophoenix madagascariensis*. *Botanical Journal of the Linnean Society* 154: 589–608.