



Bernard RIÉRA, TROPIMUNDO MNHN Local Coordinator

Bernard Riéra's research interests are in the dynamics and structure of tropical forests, natural and anthropogenic disturbances, current or past. He uses indices of leaf life history and traits of plants, and remote sensing to characterize the structure and biomass of forests, forest functioning with the University of Marne La Vallee, France and Iloga in Antananarivo, Madagascar. He is an expert on forest biomass, carbon storage, forest typology and classification.

He is a lecturer in various master degrees in France (University of Creteil, Master Bioresources, University ENS-SU-MNHN), Gabon (ENEF), Cameroon (CRESA) and Madagascar (University of Antananarivo). He works part-time as PIM ECOFOR since January 2003: tropical forest management topics and the French focal point of the European Network of Research on Tropical Forests (ETFRN) and is an officer of ETFRN. He was an elected member of the National Research Committee: Secretary of Section 30, and member of the CID 46, until 2004., and an elected member of the Specialist Committee MNHN, Population Biology and Ecology (Section 67) until 2009. Finally, he is an elected member of the Scientific Council of the MNHN.

Most importantly, Bernard Riéra is the co-leader of the Tropical Plant Biodiversity course in SU and MNHN master degree in which he teaches more than 90 hours per year, incl. the organization of field schools in 2010-2011-2012 and Master BEVT.

1	Family name	RIERA		
2	First name	Bernard		
3	Date of birth	26 februar 1955		
4	Nationality	French		
5	E-mail	riera@mnhn.fr		
6	Education / Professional studies			
	Dates (from-to)	Institution	Degree/diploma	
	01/10/1979-30/06/1980	UPS (Université Paul Sabatier Toulouse)	MSc Biogeography	
	01/12/1980-26/11/1983	UPS (Université Paul Sabatier Toulouse)	PhD Biogeography	
7	Language skills Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	English	4	5	3
	French*	5	5	5
	Portuguese	2	4	1
8	Membership of professional bodies			
	Société Botanique de France, Société Française d'Ecologie, Société Française de Mycologie, Société Botanique du Centre Ouest			
9	Other Skills			
	Computer skills, research skills, managerial capabilities			
10	Name of organisation currently working for and Present position in the organisation	Name of Organisation: Muséum National d'Histoire Naturelle - MNHN Present position in the organisation: Researcher		
11	Years with the organisation	20		
12	Long-term experience in specific countries/territories			
	Country	Date	Details	

	French Guyana	1980-present	Research on forest dynamics
	Cameroon	1995-present	Research on forest dynamics
	Madagascar	2007-present	Research on forest dynamics
13	Professional experience record		
	Location	Date	Organisation
	Paris	1985-present	CNRS and MNHN
	Position	Researcher	
	Responsibilities	Scientific research, Education, Projects	
14	Publications (10 principal)		
	Number of publications in peer-reviewed journals		
	55		
	10 publications that are most representative in the field of tropical biodiversity and ecosystems		
	<p>MUYAYA KALAMBAY, B., J.P. RUDANT, R. Lumbuenamo, M. BELAND, and B. RIERA -2016- Spatial dynamic of the hunting area and Bombo Lumene reserve between 2000 and 2015 by optical satellite imagery, International Journal of Innovation and Applied Studies, Volume 18, Issue 2, October 2016, Pages 559–568</p> <p>Mobaied Samira, Nathalie Machon, Arnault Lalanne, Bernard Riera -2015- The Spatiotemporal Dynamics of Forest–Heathland Communities over 60 Years in Fontainebleau, France 06/2015; 4 Spatial Analysis for Environmental Applications:-957-973.. DOI:10.3390/ijgi4020957</p> <p>Palla, F., S Gachet, N Picard & B Riera, 2015 VEGETATION GROUPS FROM LIFE-HISTORY TRAITS FOR THE MANAGEMENT OF A SAVANNAH–FOREST MOSAIC, Journal of Tropical Forest Science 25(4): 454–466 (2013)</p> <p>Palla Florence, Nicolas Picard, Kate A. Abernethy, Tharcisse Ukizintambara, Elizabeth C. White, Bernard Riéra, Jean-Paul Rudant & Lee White, (2011) Structural and floristic typology of the forests in the forest-savanna mosaic of the Lopé National Park, Gabon, Plant Ecology and Evolution 144 : 1–12, 2011</p> <p>Norden, N, J Chave, P Belbenoit, A Caubere, P Chatelet, P-M Forget, B Riéra, J Viers, C Thébaud. 2009. Interspecific variation in seedling responses to seed limitation and habitat conditions for 14 Neotropical woody species. Journal of Ecology 97, 186-197</p> <p>Chave J., Andalo C., Brown S., Cairns M.A., Chambers J.Q., Eamus D., Fölster H., Fromard F., Higuchi N., Kira T., Lescure J.-P., Nelson B.W., Ogawa H., Puig H., Riéra B. et Yamakura T. 2005. Tree allometry and improved estimation of carbon stocks and balance in tropical forests. Oecologia : 22;:1-13.</p> <p>Cournac, L. Dubois, M., Chave J. & B. Riéra. 2002. Fast determination of light availability and leaf area index in tropical forests. Journal of Tropical Ecology, 18 : 295-302.</p> <p>Charles-Dominique P., Chave J., Dubois M.-A., de Granville J.-J., Riéra B. and Vezzoli C. Evidence of a colonization front of the palm <i>Astrocaryum sciophilum</i>, a possible indicator of paleoenvironmental changes in French Guiana. Global Ecology and Biogeography,(2003), 12 : 237-248.</p> <p>Riéra, B., Pélissier, R. et F. Houllier, (1998). Une mosaïque : Essai de délimitation spatiale d'unités structurales de végétation. Biotropica, 30 : 251-260.</p> <p>Charles-Dominique, P., Blanc, P., Larpin, D., Ledru, M.P., Riéra B., Sarthou, C., Servant, M. & C. Tardy (1998). Forest perturbations and biodiversity during the last ten thousand years in French Guiana. Acta Oecologica, 19 : 295-302.</p> <p>Riéra, B. et Alexandre D.Y., 1988. - Surface des chablis et temps de renouvellement en forêt dense tropicale. Acta OEcologia/ OEcologia Generalis, vol. 9, n° 2, 211-220.</p> <p>Lescure, J.P., Puig, H., Riéra, B., Leclerc D., Beekman A. et A. Bénéteau, 1983. - La phytomasse épigée d'une forêt dense en Guyane française. Acta OEcologia/ OEcologia Generalis, vol. 4, n° 3, 237-251.</p>		
15	Number of conference presentations (between brackets invited contributions)		

	42 (6)
--	--------