

Editors-in-Chief



[Elisabeth Dodinet](#), University of South Brittany, France

Senior independent researcher in Botany and Environmental services. She consults and trains in plant identification, quality issues (authentication, adulteration), ethnobotany (history of use) and conservation, sustainable collection and IPR right issues to cosmetic, health food and pharmaceutical companies. Within the university of South Brittany, she collaborates to various archaeological and museum research programmes based on organic residue analyses for perfumes and the utilisation of aromatic plants in Antiquity.



[Sophie Nadot](#), University of Paris Sud-Orsay, France

Through phylogenetic comparative approaches, Sophie aims to try to identify the various factors that might have been involved in the evolution of flower form and pollen. She has a special interest in monocots and basal angiosperms, which display a remarkable diversity in the features of microsporogenesis. She is also interested in the evolution of stamen number across angiosperms, with a special interest in palms which display an amazing range of variation in their androecium.

Editorial Board



[Anders Barfod](#), Aarhus University, Denmark

Anders S. Barfod is professor in the Department of Bioscience at Aarhus University. He is a botanist of training and has worked with tropical plant resources for most of his career. The palm family is the centre piece of his research and he has published numerous papers on aspects such as taxonomy, economic botany, ethnobotany, floral development and reproductive ecology.



Sylvie Baudino, University Jean Monnet, France

A professor at the university of Saint-Etienne, Sylvie is also the leader of a research group on plant specialized metabolism. Sylvie's research focuses on biosynthesis and evolution of rose scent.



Farid Bensettiti, National Museum of Natural History, France

Farid is a Doctor in ecology and a specialist in phytosociology of the Mediterranean region and arid regions. He is a French expert in the framework of habitats and flora-fauna Directive.



[Guillaume Fried](#), Anses (Plant Health Laboratory), France

A botanist and plant community ecologist with interests in both agroecology and invasion ecology. His expert works cover risk assessment of invasive alien plants and the analysis of large-scale arable weed surveys. His current research is in invasion ecology and focused on the identification of traits associated to the different steps of invasion: colonization, establishment and impact. His works in agroecology deals with the effect of management practices on the diversity and composition of arable weed communities as well as the non-intended impacts of farming practices on field boundary vegetation.



[Florian Jabbour](#), National Museum of Natural History, France

Florian is an Associate Professor at the National Museum of Natural History in Paris, France. His research focuses on the evolution of plant taxa and plant shapes. He is also a curator at Paris Herbarium.



Marie-Aleth Lacaille-Dubois, Burgundy University, France

She is a Professor in Pharmacognosy at the Faculty of Health Sciences, Department of Pharmacy, University of Bourgogne Franche-Comté. Her current research focuses on the isolation, structure elucidation and biological assessment of natural compounds, particularly triterpenoids, steroids, polyphenols and alkaloids with cytotoxic, antitumor, immunomodulatory, anti-inflammatory and antimicrobial activities from the tropical plant biodiversity.



Frédéric Médail, Aix-Marseille University, France

Frédéric Médail is a Professor of plant ecology and biogeography at the Aix-Marseille University / IMBE (Mediterranean Institute of Biodiversity and Ecology). His main topics of research are the biogeography and conservation of plant biodiversity at several geographical scales, from conservation genetics to macroecology, within the Mediterranean Basin. Current researches are focused on the biogeographic process linked to the origin and evolution of the Mediterranean flora, and their implications towards a conservation biogeography framework.



[Germinal Rouhan](#), National Museum of Natural History, France

Germinal Rouhan is a botanist and curator of Ferns and Lycophytes at the Paris Herbarium. His main research interests are diversity, systematics, and evolution of ferns and lycophytes, with strong interests and extensive experience in Madagascar (and other Western Indian Ocean Islands), and New Caledonia.



[Vincent Savolainen](#), Imperial College London & Royal Botanic Gardens Kew, UK

Professor Savolainen sits on various panels and advisory committees, including the UK Natural Environment Research Council Peer Review College and the Royal Society International Committees. His group combines field ecology, molecular phylogenetics, and population genomic approaches to help explain the origin of biodiversity and, where possible, find solutions for its preservation in a rapidly changing world.



[Benoît Schoefs](#), CNRS, France

Benoît Schoefs is the leader of a research group on the carbon metabolism reorientation in microalgae under stress conditions and applications. Benoît is regularly visiting overseas universities for research and teaching. His research focuses on the physiological, biochemical and molecular aspects of the responses of photosynthetic organisms, including algae, biotic or abiotic stresses.



[Marc-André Selosse](#), National Museum of Natural History, France

His teams' research focus on the ecology and evolution of mycorrhizas, a major symbiosis between soil fungi and plants roots, with a focus on orchids' mycorrhizal fungi and on the fungal taxa Sebaciales, Laccaria and Tuber. He also belongs to the researchers who discovered mixotrophy in orchids. He is very active in popular science and his many papers and outreach essays are freely available.



[Katalin Solymosi](#), ELTE Eötvös Loránd, Budapest, Hungary

Katalin Solymosi obtained her PhD in 2005 at Eötvös Loránd University, where she teaches plant anatomy, pharmaceutical botany and crop biology as an assistant professor. She deals with various aspects of plastid biology such as the effect of abiotic and biotic stressors on plastid structure and function but is also interested by industrially or pharmaceutically important compounds produced by plastids.



[Alexander Sukhorukov](#), Moscow State University, Russia

Alexandre's research interests are plant taxonomy, molecular phylogeny, carpology, flora, Caryophyllales, Asterales. He is the leading scientist at the Dept. of Higher Plants, Biological Faculty, Moscow Lomonosov State University. His field travels include Cape Verde, China, Cyprus, Egypt, Grenada (Caribbean), India, Israel/Palestine, Kazakhstan, Namibia, Nepal, Russia and Uzbekistan.



[Donald Waller](#), University of Wisconsin, US

Professor Waller teaches and does research in evolution, ecology, and conservation biology. He also studies the evolution of plant mating systems, the causes and consequences of inbreeding, the demography and genetics of rare plants, the plant population and community ecology, deer and nitrogen impacts on temperate forests and long-term ecological change.



Yosuke Matsuda, Mie University, Japan

Professor of forest mycology at Mie University (Japan). His research interests are interaction between microorganisms and forest plants and his focus is the community structure and ecosystem function of mycorrhizal associations in forest ecosystems.



Sébastien Lavergne, CNRS, France

Sébastien is a CNRS researcher at the Alpine Ecology Lab (LECA), located in Grenoble, France. His research focuses on the mechanisms driving the evolution of species' ecological niches and geographic ranges, how these processes relate to speciation and clade diversification, and ultimately how they shape the structure of natural communities (and ecosystems). He is also interested in how these processes explain patterns of species rarity and endemism, and the potential threats to biodiversity in a context of global environmental changes. My research incorporates field work, population genomics, community ecology, and phylogenetic comparative methods. His main regions of interest are the European Alps, the Mediterranean Region, the Andes and the Arctic. He also seats in several scientific councils for National Parks and Environmental Agencies in France.

[Guillaume Besnard](#), CNRS, France

For more than 20 years, Guillaume has worked on olive phylogeography with the main objectives to reconstruct past and recent histories of wild olive populations. He is interested by the evolution of adaptive traits, and particularly multiple evolutions of the C4 photosynthesis in Poales. He also works on the impact of habitat fragmentation on the population dynamic of forest and savanna trees.

[Magda Bou Dagher Kharrat](#), Saint-Joseph University, Lebanon

As a plant geneticist, with special interest in conifers and endemic plants, Magda employs genomic tools to investigate tree populations and flowering plants in order to understand their phylogeny, phylogeography and their historical evolutionary processes. Her research focuses also on ecosystem restoration and biodiversity conservation.

[Laure Civeyrel](#), EDB Toulouse 3 University, France

Laure is a faculty member of Toulouse University in Botany, teaching floristic, biogeography and plant morphology. She was trained as a botanist and worked with Apocynaceae in Madagascar. She has published papers on plants systematics, taxonomy, palynology and phylogeography.

[Guillaume Decocq](#), Amiens University, France

Guillaume is a full professor in botany, mycology and vegetation science at the Jules Verne University of Picardy and Hospital practitioner in Pharmacology at the University hospital of Amiens. He also leads the "Ecologie and Dynamique des Systèmes Anthropisés" research unit of the CNRS. He has strong skills in historical ecology of forests and plant invasions and develops interdisciplinary approaches.

[Leanne Dreyer](#), Stellenbosch University, South Africa

Leanne is a plant systematist, and loves working at the interface between systematics and ecology. She has a strong background in morphology, karyology, palynology and molecular systematics. Her major research interests are namely gaining insight into the systematics and ecology of the massive GCFR genus *Oxalis* and inter-organismal interactions, specifically the complex relations between Protea-infructescences, ophiostomatoid fungi and the arthropod and other vectors involved in this intricate and complex system.

[Francis Isselin](#), François Rebais University, France

Francis is an Assistant-Professor working at the department of Landscape, Environment and Urban Planning where he teaches ecology and biology. He is also member of the 'Landscapes and Environments' team at the CNRS lab, also associated to the lab IMBE in Avignon. He conducts his research in Dispersal and Distribution Ecology in the "Terrestrial ecology and Wetlands" axis.

[Diana Jolles](#), Rancho Santa Ana Botanic Garden, US

Diana is an Assistant Professor of Botany at Plymouth State University in New Hampshire, where she teaches undergraduate courses and conducts research on a variety of subjects including, but not restricted to: the transition between full and partial mycoheterotrophy, reproductive biology, especially buzz pollination, floral symmetry, and sexual compatibility, population, metapopulation, species delimitation and the effects of natural selection on foliar versus floral development.

[Finn Kjellberg](#), CNRS, Montpellier, France

Finn is a director of research at CNRS and is interested in the ecology and evolution of inter-specific interactions. His studies are largely focused on coevolutionary processes and diversification in the fig-fig wasp system.

[Sébastien Lavergne](#), CNRS, France

Sébastien's research focuses on the mechanisms driving the evolution of species' ecological niches and geographic ranges, how these processes relate to speciation and clade diversification and ultimately how they shape the structure of natural communities (and ecosystems). He is also interested in how these processes explain patterns of species rarity and endemism and the potential threats to biodiversity in a context of global environmental changes

[Valery Malécot](#), West Agrocampus, France

Valery is the assistant director of the Biological Sciences Department of Agrocampus Ouest. His research focuses on the systematist specializing on plants, especially woody angiosperms wild or cultivated. In addition, he has specific expertise on Olacaceae s.l, genus Viburnum, and botanical nomenclature and expertise in phylogenetic reconstruction, evolutionary history and history of the selection.

Anne-Claire Mitaine-Offer, Burgundy University, France

Anne-Claire is a Professor of Pharmacognosy at Bourgogne Franche-Comté University in Dijon, in the UFR of Health Sciences. She is a doctor in Pharmacy and her research interests are in phytochemistry, chemotaxonomy, steroidal and triterpene glycosides, ethnobotany and essential oils.

Arnaud Mouly, Franche-Comté University, France

Arnaud is the Director of the Botanical Garden of the University of Franche-Comté. His research involves the analysis of patterns of genomic and phylogenetic diversity associated with adaptive processes and management methods. More recently, he has been developing research programs at the interface between Systematics and Ecology, in connection with biodiversity at its various levels of integration.

[Benoît Pujol](#), CNRS, France

Benoît is a quantitative Genetics Research group leader and a Principal Investigator for ANR and ERC projects. His research seeks to understand how the evolutionary history of species, their interaction with environmental conditions and their biotic interactions shape their adaptive potential. He is particularly interested in identifying factors that limit or enhance species potential to respond to selection.

[Jill Rapson](#), Massey University, New Zealand

Jill is a generalist plant ecologist with broad interests in both rare and over-abundant (weedy) species, using a range of techniques. She works mainly in habitats of short stature (grasslands, dunes, alpine, wetlands), but also in forests and shrub lands. Other areas of interest include impacts of disturbance events on vegetation, beech forest dynamics around treelines, New Zealand tree-daisy ecology and micro species adaptations.

[Richard Thompson](#), AgroSup/INRA, France

Richard is a researcher in the INRA Agroecology Unit with a focus on genetic control of seed development and composition, in garden pea and the model legume *Medicago truncatula*. He analyses candidate genes for the control of seed composition and yield using induced mutants and natural variation. In addition, he is a coordinator of a 29-partner multidisciplinary EU project, LEGATO, aimed at increasing grain legume cultivation in Europe.

Thierry Thibaut, Aix-Marseille University, France

Thierry is an associated Professor of Phycology and marine ecology at Aix-Marseille University, head of the research group Marine Ecology and biodiversity of the Mediterranean Institute of Oceanography. His research interests are in the change of algal communities in a changing world, algal taxonomy, phylogeny and population genetics.

[Alain Vanderpoorten](#), Liege University, Belgium

Alain has a broad interest for bryophyte biology and ecology. He has tenured since 2003 at the Institute of Botany of the University of Liège (Belgium) as a research associate of the Belgian Funds for Scientific Research. He has been developing a lab and team mainly focusing on the ecological and historical biogeography of bryophytes through a wide range of approaches including ecological modelling, molecular phylogenetics and population genetics.