

Forty-five years of lichenology: a tribute to Emmanuël Sérusiaux

Nicolas Magain^{1*}, Damien Ertz², Bernard Goffinet³ & Paul Diederich⁴

Emmanuël Sérusiaux was born in Dinant (Wallonia, Belgium) on October 3rd, 1953. He obtained his ‘license’ (master’s degree) in botany in 1975 and his doctorate in botanical sciences in 1982, both *summa cum laude*. In between the two courses of study he spent a year in 1976 at Harvard University (Massachusetts, USA) as a special student, based on a fellowship from Rotary International. He was awarded several distinctions, including the Prix Emile Laurent de l’Académie royale des sciences, des lettres et des beaux-arts de Belgique in 1986 and the Prix E. de Wildeman de la Société royale de botanique de Belgique in 1989.

Emmanuël’s passion for lichens has always been accompanied by a vibrant interest in the conservation of nature. He has led two intertwined careers, one in the biological sciences and the other related to political aspects of nature conservation. He started his scientific career as a research associate for the FNRS (Fonds national de la recherche scientifique, Belgium, 1982–84), then as a research associate at the University of Liège (Belgium, 1984–86), before a first position as Deputy Chief of Staff to the Minister of Agriculture and Environment of Wallonia (1986–88). Then he returned to pursue his studies in lichenology as a research fellow (*chercheur qualifié*) for the FNRS (1988–99), before a second appointment as Chief of Staff to the Minister of Territory Development, Urbanism and Environment of Wallonia (1999–2004). He was then offered a faculty position at the University of Liège, in the Department of Biology, Ecology and Evolution (2004–19), at the rank of Professor and as head of the Plant Taxonomy and Conservation Biology unit, later renamed Evolution and Conservation Biology. To complete the perfect symmetry between his two careers, he completed

a third term as Chief of Staff to the President-Minister of Wallonia (2017–19). Emmanuël retired from both positions in 2019.

During his time as Professor at the University of Liège, Emmanuël founded the aCREA (Conseils et recherches en écologie appliquée), a consulting firm attached to the University. The centre aimed at integrating ecology into strategies for conservation and management of natural resources, biodiversity and landscapes, and focusing on analyses of the biological and landscape components of the environment, nature conservation (flora, fauna and ecosystems), management of natural resources (water, soil) and environments, territory development, environmental impact studies and landscape integration, and development of the living environment.

Emmanuël has been much involved in the guidance and administration of science at the University, especially in aspects regarding the environment. He was President of Aquapole, a research centre for water-related sciences (2002–19), and Member of the Research Council of the University (2005–09) and of the Administrative Board of LEPUR (Centre de recherche sur la ville, le territoire et le milieu rural, 2004–19).

Emmanuël has always been deeply involved in environmental conservation; he was concerned that students graduating with a master’s degree in biological sciences would not possess the skills required for field biologist positions. That is why he founded a specialized Master in Conservation Biology and Biodiversity Management programme, to enhance students’ competitiveness for positions in conservation biology. This master’s degree was created in 2014 and has become very successful, typically having 10–15 students pursuing it every year. The curriculum of this degree offers training in the identification of plants and animals, but also in GIS (geographical information system) and in environmental laws, preparing students for employment in agencies and organizations involved in environmental conservation.

Emmanuël has also been very active in environmental matters outside of the University. He has been President of Espaces naturels d’Europe (1990–94), Réserves naturelles RNOB (1992–99) and the Administration Board of Natagora, the largest NGO dedicated to biodiversity and conservation in Wallonia, with over 100 staff, 1200 volunteers

¹ Evolution and Conservation Biology, InBios Research Center, Institut de Botanique B22, Université de Liège, Chemin de la vallée 4, 4000 Liège, Belgium

² Botanic Garden Meise, Department of Research, Nieuwelaan 38, B-1860 Meise, Belgium

³ Department of Ecology and Evolutionary Biology, University of Connecticut, Storrs, Connecticut 06269-3043, USA

⁴ Musée national d’histoire naturelle, 25 rue Munster, L-2160 Luxembourg, Luxembourg

* Corresponding author e-mail: nicolas.magain@uliege.be



Figure 1. Emmanuël Sérusiaux in the field. A – during the ‘Benelux lichenological expedition to Papua New Guinea 1992’, with André Aptroot (second from left) and Harrie Sipman (right); B – contemplating foliicolous lichens in Gabon, 2006; C – photographing plants in Madagascar, 2008, with Eberhard Fischer; D – group photo in Madagascar, 2014, with Damien Ertz and Eberhardt Fischer; E – field work in Luxembourg, 2005, with Paul Diederich. Photographs by Paul Diederich (A), Damien Ertz (B–C, E) and Bernard Goffinet (D).

and 20,000 members (2012–17). He was also President of the Société wallonne des eaux (2001–07).

As Professor, Emmanuël has inspired several generations of students in a range of courses spanning Botany, Plant Systematics, Lichenology, Biogeography, Biodiversity, Evolutionary Biology and Conservation Biology. In particular, he has organized numerous field courses providing students with opportunities to experience biodiversity in situ. Over the years, Emmanuël has led such field courses in Tenerife (Canary Islands), Romania, Rwanda and France (Vosges, Alsace, Brittany).

But it is the lichenologist whom, above all, we are celebrating in this special volume of *Plant and Fungal Systematics*. Over four decades, Emmanuël has contributed enormously to advances in lichenology. Emmanuël has organized and attended field trips in many parts of the world, especially in the tropics. These missions included trips to Macaronesia [several trips to the Azores, Cape Verde, Canary Islands (1974, 1991, 1994, 1997, 2004) and Madeira (1988, 1992, 2003)], the USA (1976), Canada (1988), Papua New Guinea (1992, 1995), the Caribbean (1993, 1998), Gabon (1999, 2006), Rwanda (2005, 2009), Uganda (2005), Madagascar (2008, 2014), Reunion Island (2008, 2009, 2013, 2018), the Democratic Republic of the Congo (2009), Mauritius (2013), Taiwan (2016) and Japan (2019), among others.

Emmanuël has been a valued and influential mentor to students. He has always been very generous to and supportive of his master's and doctoral students, while giving them the freedom they have needed to develop their scientific independence. He successfully mentored many students, a number of whom have become well established in the fields of lichenology and bryology, including Bernard Goffinet (master's thesis in 1989), Damien Ertz (master's thesis in 1999, PhD in 2007), Nicolas Magain (master's thesis in 2010, PhD in 2014) and Antoine Simon (master's thesis in 2015, PhD in 2020).

Emmanuël has authored or co-authored no less than 145 papers related to lichens (a full list of his publications is appended below). His first publication devoted to lichens appeared in 1976, entitled 'Some foliicolous lichens from the Farlow Herbarium', followed in 1977 by a contribution to the genera *Everniopsis*, *Normandina* and *Placopsis* from Kivu ('Zaire'), Rwanda and Burundi with Prof. J. Lambinon (1936–2015) of the University of Liège (Belgium).

In the 1980s he treated other genera of macrolichens in East Africa, such as *Coccocarpia*, *Lobaria*, *Stereocaulon* and parmeliaceous lichens (Sérusiaux 1981, 1984), and he published on foliicolous lichens from various regions (Argentina, tropical Africa, France, southeastern United States) (de Foucault et al. 1982; De Sloover & Sérusiaux 1984; Sérusiaux 1983, 1984, 1989; Sérusiaux & De Sloover 1986). During this period, Emmanuël also focused his work on unusual reproductive structures found in foliicolous lichens. He studied the nature and origin of campylidia in lichenized fungi (Sérusiaux 1986) and introduced the term 'goniocystangium' for a peculiar concave, cup-like structure producing diaspores (goniocysts) in several species of foliicolous *Opegrapha* (Sérusiaux

1985). Emmanuël published a first red list of macrolichens for the European Community in 1989 (available at <http://hdl.handle.net/2268/138066>) for the preparation of Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora.

In the 1990s, he produced several contributions on foliicolous lichens from Western Europe and Macaronesia, describing, for example, the new genus *Fellhaneropsis* and several new species in the genera *Byssoloma* and *Fellhanera* (Sérusiaux 1993, 1996, 1997, 1998; van den Boom & Sérusiaux 1996). He also continued working on tropical foliicolous taxa, reinstating the genus *Eremothecella* and describing several taxa having complex conidiomata (Lücking & Sérusiaux 1996, 1998; Sérusiaux 1992, 1995, 1997; Sérusiaux & Lambinon 1994). He joined a collecting expedition to Papua New Guinea with his friends André Aptroot, Paul Diederich and Harrie Sipman, during which they collected almost 10,000 specimens. In their 'Lichens and lichenicolous fungi from New Guinea' (Aptroot et al. 1997) they provided an annotated list of species new for the country or otherwise interesting, and described six new genera and 89 new species.

In 2000, Emmanuël published, with his long-time colleague and friend Paul Diederich, 'The Lichens and Lichenicolous Fungi of Belgium and Luxembourg. An Annotated Checklist' (Diederich & Sérusiaux 2000), followed in 2004 by 'Les macrolichens de Belgique, du Luxembourg et du nord de la France. Clés de détermination' (Sérusiaux et al. 2004), which is the reference for identifying lichens in Belgium and Luxembourg. That same year, he co-authored a revision of the genus *Strigula* for Europe and Macaronesia (Roux et al. 2004).

In 2006, he began a fruitful collaboration with Eberhard Fischer and Dorothee Killmann (Universität Koblenz-Landau, Germany) to study lichens from tropical Africa and Madagascar, describing the new genus *Nyungwea* from Rwanda for a remarkable crustose corticolous lichen characterized by its goniocyst-producing stipes (Sérusiaux et al. 2006; the new species *N. pyneei* described from Mauritius in this volume is a second species in the genus, differing by the absence of stipes). They described with one of us (Damien Ertz) two new species of basidiolichens from savanna soils in Rwanda, remarkable for their squamulose thallus with *Multiclavula*-like basidiomata (Fischer et al. 2007), which were later sequenced and recognized, along with a Neotropical species, as the new family *Lepidostromataceae* (Ertz et al. 2008). They discovered the new genus *Savoronala*, a *Malmideaceae* remarkable for its placodioid thallus with erect stipes apically producing sporodochia with conidia, each wrapping a single algal cell (Ertz et al. 2014). They also published a series of new species from various taxonomic groups (Archer et al. 2009; Ertz et al. 2010, 2014; Fischer et al. 2017; Lumbsch et al. 2011; Sérusiaux et al. 2009; Yeshitela et al. 2009), including a new species in the moss genus *Jonesiobryum* (Fischer et al. 2006).

In the molecular era he quickly embraced the fascinating amounts of data made available by the new techniques, and developed a molecular biology facility at the University of Liège in partnership with Drs A. Vanderpoorten and



Figure 2. A–B – Emmanuël Sérusiaux in his laboratory at the University of Liège, Belgium, 2009, with Damien Ertz and Pieter van den Boom; C – examining a tiny *Micarea* lichen in Japan, 2019; D – warming up in the high mountains of Papua New Guinea, 1992; E – searching for new *Peltigera* species in Luxembourg, 2011. Photographs by Paul Diederich, except C (Antoine Simon).

J. Michaux, where technician Laurent Gohy performed thousands of DNA extractions and PCR. He published phylogenies in the genera *Nephroma* (Sérusiaux et al. 2011), *Peltigera* (Sérusiaux et al. 2009), *Niebla* (Sérusiaux et al. 2010), *Sticta* (Magain & Sérusiaux 2015; Simon et al. 2018) and the family *Pannariaceae* (Magain & Sérusiaux 2014). Emmanuël granted access to these DNA facilities to many researchers and developed fruitful collaboration with colleagues including Pieter van den Boom, Maarten Brand, Didier Masson and Brian Coppins.

Emmanuël has not limited his interests to a single lichen or lichenicolous group, as demonstrated by the taxonomic breadth of the groups he has studied. He has described one new family (*Lepidostromataceae*), twenty new genera (*Aplanocalenia*, *Bapalmuia*, *Brasilicia*, *Bryogomphus*, *Eugeniella*, *Fellhaneropsis*, *Ferraroa*, *Gallaicolichen*, *Hippocrepidea*, *Isalonactis*, *Jamesiella*, *Kantvilasia*, *Lambinonia*, *Lilliputeana*, *Lithogyalideopsis*, *Nyungwea*, *Phyllocratera*, *Rubrotricha*, *Savoronala*, *Sporodiopsis*), 206 new species – *Arctomia borbonica*,

Aspidothelium gemmiferum, *A. hirsutum*, *A. trichothelioides*, *Aulaxina unisporea*, *Bacidia clauzadei*, *B. lambinonii*, *B. michaeliana*, *B. paramedialis*, *B. sipmanii*, *Bactrospora namibiensis*, *Badimia lucida*, *Bapalmuia halleana*, *B. kakouettae*, *B. variratae*, *B. verrucosa*, *Biatora veteranorum*, *Bulbothrix haleana*, *B. johannis*, *Byssoloma aptrootii*, *B. arboricola*, *B. croceum*, *B. diderichii*, *B. gahavisukanum*, *B. kalbii*, *B. leuckingii*, *B. lichenophila*, *B. llimonae*, *B. lueckingii*, *B. spinulosum*, *B. vanderystii*, *B. vezdanum*, *Calenia africana*, *C. aurantiaca*, *C. flava*, *Caprettia goderei*, *C. neotropica*, *C. nyssaegenoides*, *Catillaria vandenberghenii*, *Chiodecton epiphyllum*, *Cresponea apiculata*, *Dactylospora hafellneriana*, *Dirina madagascariensis*, *Echinoplaca furcata*, *E. incrustaticiliata*, *E. streimannii*, *Enterographa bartlettii*, *E. batistae*, *E. deslooveri*, *E. fellhaneroides*, *E. littoralis*, *E. meklitiae*, *Fellhanera borbonica*, *F. christiansenii*, *F. gyrophorica*, *F. seroexspectata*, *Gallaicolichen pacificus*, *Gomphillus morchelloides*, *Gyalectidium eskucheii*, *G. flabellatum*, *G. fuscum*, *G. gahavisukanam*, *G. macaronesicum*, *G. membranaceum*, *G. minus*, *G. novoguineense*, *G. puntilloi*, *G. setiferum*, *G. verruculosum*, *G. yahriae*, *Gyalideopsis buckii*, *G. capitata*, *G. cochlearifera*, *G. cyanophila*, *G. giganteoides*, *G. vivanii*, *Heterodermia pindurae*, *Hippocrepidea nigra*, *Hypotrachyna penduliloba*, *Isalonactis madagascariensis*, *Kantvilasia hians*, *Lecanactis olivascens*, *L. rubra*, *L. submollis*, *Lecania falcata*, *Lecanographa longicarpa*, *L. tehleri*, *Lepraria leprolomis*, *L. nigrocincta*, *Lilliputeana curvata*, *Loflammia demoulinii*, *Lyromma confusum*, *L. ornatum*, *Mazosia conica*, *Megalotremis cauliflora*, *Melanotopelia africana*, *Menegazzia digitiformis*, *M. dissoluta*, *M. efflorescens*, *M. isidiata*, *M. megathallina*, *M. pendula*, *M. stellata*, *Micarea aeruginoprasina*, *M. alectorialica*, *M. azorica*, *M. bebourensis*, *M. borbonica*, *M. boryana*, *M. cilaoensis*, *M. czarnotae*, *M. flavoleprosa*, *M. herbarum*, *M. hyalinnoxanthonica*, *M. isidioprasina*, *M. isidiosa*, *M. melanoprasina*, *M. meridionalis*, *M. microsorediata*, *M. nigra*, *M. pseudocoppinsii*, *M. pseudolignaria*, *M. sipmanii*, *M. sublithinella*, *M. takamakae*, *M. tenuispora*, *Milospium deslooveri*, *Monoblastia papillosa*, *Multiclavula akagerae*, *M. rugaramae*, *Musaespora kalbii*, *M. kasamensis*, *Mycomicrothelia striguloides*, *Neoheppia cataractae*, *Nyungwea pallida*, *Opegrapha dibbenii*, *O. duckei*, *O. lambinonii*, *O. luzonensis*, *O. mazosioides*, *O. santesonii*, *O. viridistellata*, *Parmotrema kahuziense*, *P. lambinonii*, *P. pseudeunetum*, *P. subhanningtonianum*, *Peltigera fimbriata*, *P. granulosa*, *P. kopenhagenii*, *P. montis-wilhelmii*, *P. papuana*, *P. seneca*, *P. weberi*, *Pertusaria fosseya*, *P. kinigiensis*, *P. krogiae*, *P. lambinonii*, *Phylloblastia inexpectata*, *Phyllocratera papuana*, *Plectocarpon macaronesia*, *Porina effilata*, *P. ocoteae*, *P. pseudofulvella*, *P. rosei*, *Protoparmelia isidiata*, *P. pulchra*, *Punctelia colombiana*, *P. constantimontium*, *Pyrenula kakouettae*, *Remototrachyna pandani*, *Rinodina albosorediata*, *Santessonina lagunebergii*, *S. sorediata*, *Savoronala madagascariensis*, *Scoliciosporum curvatum*, *Sporopodiopsis mortimeriana*, *S. sipmanii*, *Sporopodium isidiatum*, *S. muscicola*, *Sticta atlantica*, *S. fuliginoides*, *Strigula albomaculata*, *S. angustata*, *S. delicata*, *S. diderichiana*,

S. fossulicoloides, *S. kaitokensis*, *S. macaronesica*, *S. muscicola*, *S. thelopsidoides*, *Stromatopogon cladoniae*, *Syncesia afromontana*, *S. madagascariensis*, *S. mascarena*, *Tremella parmeliellae*, *Tricharia demoulinii*, *T. deslooveri*, *T. elegans*, *T. nigriuncinata*, *T. novoguineensis*, *T. ramifera*, *T. verrucosa*, *Trichothelium croceum*, *Vezdaea foliicola*, *Woessia arvidssonii* and *W. pseudohyphosphorifera* – and four infraspecific taxa (*Peltigera polydactylon* subsp. *udeghe*, *Wentomyces lichenicola* subsp. *bouteillei*, *Byssoloma subdiscordans* f. *puertoricense*, *Stereocaulon vesuvianum* var. *lebrunianum*).

One new genus and many species of lichens and lichenicolous fungi have been named after him: *Serusiauxiella* S. H. Jiang, Lüicking & J. C. Wei, *Echinoplaca serusiauxii* Lüicking now *Arthotheliopsis serusiauxii* (Lüicking) Lüicking, Sérus. & Vězda, *Badimiella serusiauxii* Malcolm & Vězda, *Bapalmuia serusiauxiana* Van den Broeck, Lüicking & Ertz, *Echinoplaca serusiauxii* Lüicking, *Opegrapha serusiauxii* Lüicking, *Plectocarpon serusiauxii* Ertz & Diederich, *Polycoccum serusiauxii* Matzer, *Pseudopyrenula serusiauxii* Aptroot, *Sclerococcum serusiauxii* Boqueras & Diederich, *Taeniolella serusiauxii* Diederich and *Xanthoparmelia serusiauxii* Hale.

Two new genera and six further species (five fungi and one phanerogam) are dedicated to Emmanuël in the present volume: *Emmanuelia* and *Serusiauxia*; *Enterographa serusiauxii*, *Fulvophyton serusiauxii*, *Ikaeria serusiauxii*, *Impatiens serusiauxii*, *Peltigera serusiauxii* and *Sticta emmanueliana*.

Publications by Emmanuël Sérusiaux

- Magain, N., Spribille, T., DiMeglio, J., Nelson, P. R., Miadlikowska, J. & Sérusiaux, E. 2020. Phylogenetic evidence for an expanded circumscription of *Gabura* (Arctomiaceae). *The Lichenologist* 52: 3–15.
- Launis, A., Malíček, J., Svensson, M., Tsurukau, A., Sérusiaux, E. & Myllys, L. 2019. Sharpening species boundaries in the *Micarea prasina* group, with a new circumscription of the type species *M. prasina*. *Mycologia* 111: 574–592.
- Launis, A., Pykälä, J., van den Boom, P., Sérusiaux, E. & Myllys, L. 2019. Four new epiphytic species in the *Micarea prasina* group from Europe. *Lichenologist* 51: 7–25.
- Guzow-Krzemińska, B., Sérusiaux, E., van den Boom, P. P., Brand, A. M., Launis, A., Łubek, A. & Kukwa, M. 2019. Understanding the evolution of phenotypical characters in the *Micarea prasina* group (*Pilocarpaceae*) and descriptions of six new species within the group. *MycKeys* 57: 1.
- Miadlikowska, J., Magain, N., Pardo de la Hoz, C., Niu, D., Goward, T., Sérusiaux, E. & Lutzoni, F. 2018. Species in section *Peltidea* (*aphthosa* group) of the genus *Peltigera* remain cryptic after molecular phylogenetic revision. *Plant and Fungal Systematics* 63: 45–64.
- Simon, A., Goffinet, B., Magain, N. & Sérusiaux, E. 2018. High diversity, high insular endemism and recent origin in the lichen genus *Sticta* (lichenized *Ascomycota*, *Peltigerales*) in Madagascar and the Mascarenes. *Molecular Phylogenetics and Evolution* 22: 15–28.
- Magain, N., Truong, C., Goward, T., Niu, D., Goffinet, B., Sérusiaux, E., Vitikainen, O., Lutzoni, F. & Miadlikowska, J.

2018. Species delimitation at a global scale reveals high species richness with complex biogeography and patterns of symbiont association in *Peltigera* section *Peltigera* (lichenized Ascomycota: Lecanoromycetes). *Taxon* 67: 836–870.
- Widhalm, T. J., Bertoletti, F. R., Asztalos, M. J., Mercado-Díaz, J. A., Huang, J. P., Moncada, B., Magain, N., Sérusiaux, E., Goffinet, B. & Crouch, N. 2018. Oligocene origin and drivers of diversification in the genus *Sticta* (Lobariaceae, Ascomycota). *Molecular Phylogenetics and Evolution* 126: 58–73.
- van den Boom, P. P., Brand, M., Coppins, B. J. & Sérusiaux, E. 2018. A new *Micarea* species from western Europe, belonging in the *Micarea denigrata* group. *Herzogia* 31: 385–389.
- Fischer, E., Killmann, D., Ertz, D. & Sérusiaux, E. 2017. *Heterodermia pinduræ* (Physciaceae), a new foliose lichen from Rwanda. *Phytotaxa* 311: 277–282.
- van den Boom, P. P. G., Brand, A. M., Coppins, B. J. & Sérusiaux, E. 2017. Two new species in the *Micarea prasina* group from Western Europe. *The Lichenologist* 49: 13–25.
- Simon, A., Liu, Y., Sérusiaux, E. & Goffinet, B. 2017. Complete mitogenome sequence of *Ricasolia amplissima* (Lobariaceae) reveals extensive mitochondrial DNA rearrangement within the *Peltigerales* (lichenized ascomycetes). *The Bryologist* 120: 335–339.
- Magain, N., Miadlikowska, J., Goffinet, B., Sérusiaux, E. & Lutzoni, F. 2017. Macroevolution of specificity in cyanolichens of the genus *Peltigera* section *Polydactylon* (Lecanoromycetes, Ascomycota). *Systematic Biology* 66: 74–99.
- Magain, N., Miadlikowska, J., Mueller, O., Gajdeczka, M., Truong, C., Salamov, A. A., Dubchak, I., Grigoriev, I. V., Goffinet, B., Sérusiaux, E. & Lutzoni, F. 2017. Conserved genomic collinearity as a source of broadly applicable, fast evolving, markers to resolve species complexes: A case study using the lichen-forming genus *Peltigera* section *Polydactylon*. *Molecular Phylogenetics and Evolution* 117: 10–29.
- Magain, N., Sérusiaux, E., Zhurbenko, M. P., Lutzoni, F. & Miadlikowska, J. 2016. Disentangling the *Peltigera polydactylon* species complex by recognizing two new taxa, *P. polydactylon* subsp. *udeghe* and *P. seneca*. *Herzogia* 29: 514–528.
- Martin, P. & Sérusiaux, E. 2016. Les taxons dédiés à Jacques Lambinon. *Natura Mosana* n. S. 69: 72–80.
- Magain, N. & Sérusiaux, E. 2015. Dismantling the treasured flagship lichen *Sticta fuliginosa* (*Peltigerales*) into four species in Western Europe. *Mycological Progress* 14: 97.
- Magain, N. & Sérusiaux, E. 2015. The lichen genus *Kroswia* is a synonym of *Fuscopannaria* (*Pannariaceae*). *The Lichenologist* 47: 35–42.
- Masson, D., Benatti, M. & Sérusiaux, E. 2015. The description of a new species reveals underestimated diversity in the lichen genus *Bulbothrix* (*Parmeliaceae*) in Africa. *The Lichenologist* 47: 323–334.
- Masson, D., Divakar, P. & Sérusiaux, E. 2015. *Hypotrachyna penduliloba* and *Remototrachyna pandani*, two new species in the hyperdiverse lichen family *Parmeliaceae* from Réunion in the Mascarene archipelago. *Mycological Progress* 14: 1–15.
- Diederich, P., Ertz, D., Eichler, M., Cezanne, R., van den Boom, P., Van den Broeck, D. & Sérusiaux, E. 2014. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. XIV. *Bulletin de la Société des naturalistes luxembourgeois* 113: 95–115.
- Luxembourg and northern France. XV. *Bulletin de la Société des naturalistes luxembourgeois* 115: 157–165.
- Magain, N. & Sérusiaux, E. 2014. Do photobiont switch and cephalodia emancipation act as evolutionary drivers in the lichen symbiosis? A Case Study in the *Pannariaceae* (*Peltigerales*). *PLoS ONE* 9: 89876.
- Brand, A. M., van den Boom, P. P. G. & Sérusiaux, E. 2014. Unveiling a surprising diversity in the lichen genus *Micarea* (*Pilocarpaceae*) in Réunion (Mascarenes archipelago, Indian Ocean). *The Lichenologist* 46: 413–439.
- Ertz, D., Tehler, A., Fischer, E., Killmann, D., Razafindrahaja, T. & Sérusiaux, E. 2014. *Isalonactis*, a new genus of *Roccellaceae* (*Arthoniales*) from southern Madagascar. *The Lichenologist* 46: 159–167.
- Hodkinson, B. P., Allen, J. L., Forrest, L. L., Goffinet, B., Sérusiaux, E., Andrésson, O. S., Miao, V., Bellenger, J.-P. & Lutzoni, F. 2014. Lichen-symbiotic cyanobacteria associated with *Peltigera* have an alternative vanadium-dependent nitrogen fixation-system. *European Journal of Phycology* 49: 11–19.
- Miadlikowska, J., Kauff, F., Högnabba, F., Oliver, J. C., Molnár, K., Fraker, E., Gaya, E., Haffelner, J., Hofstetter, V., Gueidan, C., Otálora, M. A. G., Hodkinson, B., Kukwa, M., Lücking, R., Björk, C., Sipman, H. J. M., Burgaz, A.-R., Thell, A., Passo, A., Myllys, L., Goward, T., Fernández-Brime, S., Hetsmark, G., Lendemer, J., Lumbsch, H. T., Schull, M., Schoch, C. L., Sérusiaux, E., Maddisson, D. R., Arnold, A. E., Lutzoni, F. & Stenroos, S. 2014. A multigene phylogenetic synthesis for the class *Lecanoromycetes* (*Ascomycota*): 1307 fungi representing 1139 infrageneric taxa, 317 genera and 66 families. *Molecular Phylogenetics and Evolution* 79: 132–168.
- Hendrickx, S., Van Der Kaa, C. & Sérusiaux, E. 2014. Pelouses calcaires: une application de la portance écologique pour le renforcement du réseau écologique. *Notes de recherche – Conférence Permanente du Développement Territorial Région Wallonne* 48: 1–32.
- Ertz, D., Fischer, E., Killmann, D., Razafindrahaja, T. & Sérusiaux, E. 2013. *Savoronala*, a new genus of *Malmideaceae* (*Lecanorales*) from Madagascar with stipes producing sporodochia. *Mycological Progress* 12: 645–656.
- Lücking, R. & Sérusiaux, E. 2013. *Phyllobathelium nudum* Zahlbr. is a second species in the genus *Phyllocratera* (lichenized *Ascomycota*: *Strigulaceae*). *The Lichenologist* 45: 691–693.
- Hendrickx, S., Van Der Kaa, C. & Sérusiaux, E. 2013. Dynamiques écosystémiques co-évolutives: portance écologique du territoire wallon. *Notes de recherche – Conférence Permanente du Développement Territorial Région Wallonne* 44: 1–64.
- Sérusiaux, E. 2013. La nature: ce choix que l'on veut dissimuler. In: Meerts, P. (ed.), *Vers une nouvelle synthèse écologique. De l'écologie scientifique au développement durable* (International Center for City, Architecture and Landscape, avec l'Université Libre de Bruxelles et le Centre Paul DuVigneaud de documentation écologique, pp. 228–239). Bruxelles, Belgique: CIVA.
- Diederich, P., Ertz, D., Eichler, M., Cezanne, R., van den Boom, P., Fischer, E., Killmann, D., Van den Broeck, D. & Sérusiaux, E. 2012. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. XIV. *Bulletin de la Société des naturalistes luxembourgeois* 113: 95–115.

- Sérusiaux, E.**, van den Boom, P. P. G., Brand, M. A., Coppins, B. J. & Magain, N. 2012. *Lecania falcata*, a new species from Spain, the Canary Islands and the Azores, close to *Lecania chlorotiza*. *The Lichenologist* 44: 577–590.
- Magain, N. & **Sérusiaux, E.** 2012. A further new species in the lichen genus *Arctomia*: *A. borbonica* from Reunion (Mascarene archipelago). *MycKeys* 4: 9–21.
- Magain, N., Goffinet, B. & **Sérusiaux, E.** 2012. Further photomorphs in the lichen family *Lobariaceae* from Reunion (Mascarene archipelago) with notes on the phylogeny of *Dendriscoaulon* cyanomorphs. *The Bryologist* 115: 243–254.
- Hendrickx, S., Van Der Kaa, C., Dopagne, C., Melin, E. & **Sérusiaux, E.** 2012. Dynamiques écosystémiques co-évolutives: proposition de typologie fonctionnelle des milieux. *Notes de recherche – Conférence Permanente du Développement Territorial Région Wallonne* 34: 1–52.
- Sérusiaux, E.** 2011 [Review of:] R. Lücking: Foliicolous Lichenized Fungi. Flora Neotropica Monograph 103. The Organization for Flora Neotropica (The New York Botanical Garden Press). 866 pages, 2008. *The Lichenologist* 43: 281–283.
- Sérusiaux, E.**, Villareal, J. C., Wheeler, T. & Goffinet, B. 2011. Recent origin, active speciation and dispersal for the lichen genus *Nephroma* (*Peltigerales*) in Macaronesia. *Journal of Biogeography* 38: 1138–1151.
- van den Boom, P., Ertz, D., Brand, M. & **Sérusiaux, E.** 2011. *Syncesia mascarena* (*Roccellaceae*) a new species from La Réunion (Indian Ocean). *Opuscula Philolichenum* 9: 5–10.
- van den Boom, P. P. G., Brand, M., Ertz, D., Kalb, K., Magain, N., Masson, D., Schiefelbein, U., Sipman, H. J. M. & **Sérusiaux, E.** 2011. Discovering the lichen diversity of a remote tropical island: working list of species collected on Reunion (Mascarene archipelago, Indian Ocean). *Herzogia* 24: 325–349.
- Lumbsch, H. T., Ahti, T., Altermann, S., Amo de Paz, G., Aptroot, A., Arup, U., Peña, A. B., Bawingan, P. A., Benatti, M. N., Betancourt, L., Björk, C. R., Boonpragob, K., Brand, M., Bungartz, F., Cáceres, M. E. S., Candan, M., Chaves, J. L., Clerc, P., Common, R., Coppins, B. J., Crespo, A., Dal-Forno, M., Divakar, P. K., Duya, M. V., Elix, J. A., Elvebakk, A., Fankhauser, J. D., Farkas, E., Ferraro, L. I., Fischer, E., Galloway, D. J., Gaya, E., Giralt, M., Goward, T., Grube, M., Hafellner, J., Hernández M., J. E., Herrera Campos, M. D. L. A., Kalb, K., Kärnefelt, I., Kantvilas, G., Killmann, D., Kirika, P., Knudsen, K., Komposch, H., Kondratyuk, S., Lawrey, J. D., Mangold, A., Marcelli, M. P., McCune, B., Messuti, M. I., Michlig, A., González, R. M., Moncada, B., Naikatin, A., Nelsen, M. P., Øvstedal, D. O., Palice, Z., Papon, K., Parmmen, S., Pérez-Ortega, S., Printzen, C., Rico, V. J., Rivas Plata, E., Robayo, J., Rosabal, D., Ruprecht, U., Salazar Allen, N., Sancho, L., Santo de Jesus, L., Santos Vieira, T., Schultz, M., Seaward, M. R. D., **Sérusiaux, E.**, Schmitt, I., Sipman, H. J. M., Sohrabi, M., Søchting, U., Søgaard, M. Z., Sparrius, L. B., Spielmann, A., Spribille, T., Sutjaritturakan, J., Thammathaworn, A., Thell, A., Thor, G., Thüs, H., Timdal, E., Truong, C., Türk, R., Tenorio, L. U., Upreti, D. K., van den Boom, P., Vivas Rebuelta, M., Wedin, M., Will-Wolf, S., Wirth, V., Wirtz, N., Yahr, R., Yeshitela, K., Ziemmeck, F., Wheeler, T. & Lücking, R. 2011. One hundred new species of lichenized fungi: a signature of undiscovered global diversity. *Phytotaxa* 18: 1–127.
- Eichler, M., Cezanne, R., Diederich, P., Ertz, D., Van den Broeck, D., van den Boom, P. & **Sérusiaux, E.** 2010. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. XIII. *Bulletin de la Société des naturalistes luxembourgeois* 111: 33–46.
- Sérusiaux, E.**, Brand, A. M., Motiejunaite, J., Orange, A. & Coppins, B. J. 2010. *Lecidea doliiformis* belongs to *Micarea*, *Catillaria alba* to *Biatora* and *Biatora ligni-mollis* occurs in Western Europe. *The Bryologist* 113: 333–344.
- Sérusiaux, E.**, van den Boom, P. & Ertz, D. 2010. A two-gene phylogeny shows the lichen genus *Niebla* (*Lecanorales*) is endemic to the New World and does not occur in Macaronesia nor in the Mediterranean basin. *Fungal Biology* 114: 528–537.
- Ertz, D., Killmann, D., Razafindrahaja, T., **Sérusiaux, E.** & Fischer, E. 2010. Two new species of *Syncesia* (*Arthoniales*, *Roccellaceae*) from Africa. *The Lichenologist* 42: 43–49.
- Magain, N., Forrest, L. L., **Sérusiaux, E.** & Goffinet, B. 2010. Microsatellite primers in the *Peltigera dolichorhiza* complex (lichenized ascomycete, *Peltigerales*). *American Journal of Botany* 97: 102–104.
- Diederich, P., Ertz, D., Van den Broeck, D., van den Boom, P., Brand, M. & **Sérusiaux, E.** 2009. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. XII. *Bulletin de la Société des naturalistes luxembourgeois* 110: 75–92.
- Archer, A. W., Elix, J. A., Fischer, E., Killmann, D. & **Sérusiaux, E.** 2009. The lichen genus *Pertusaria* (*Ascomycota*) in Central Africa (Congo/Kivu, Rwanda and Burundi) and Western Kenya. *Nova Hedwigia* 88: 309–333.
- Brand, M., Coppins, B. J., van den Boom, P. P. G. & **Sérusiaux, E.** 2009. Further data on the lichen genus *Bacidia* s. l. in the Canary Islands and Western Europe, with descriptions of two new species. *Bibliotheca Lichenologica* 99: 81–92.
- Ertz, D. & **Sérusiaux, E.** 2009. A new species of *Lecanactis* (*Arthoniales*, *Roccellaceae*) from Madagascar. *The Lichenologist* 41: 147–150.
- Jørgensen, P. M., van den Boom, P. P. G. & **Sérusiaux, E.** 2009. Notes on the lichen genus *Erioderma* in La Réunion. *Cryptogamie, Mycologie* 30: 263–268.
- Sérusiaux, E.**, Brand, M., Fischer, E., van den Boom, P. & Ertz, D. 2009. A new species of *Melanotopelia* (*Graphidaceae*) from Africa. *The Lichenologist* 41: 243–247.
- Sérusiaux, E.** & Coppins, B. J. 2009. *Micarea sipmanii*, a new species with arbuscular pycnidia from the West Indies. *Bibliotheca Lichenologica* 99: 367–372.
- Sérusiaux, E.**, Goffinet, B., Miadlikowska, J. & Vitikainen, O. 2009. Taxonomy, phylogeny and biogeography of the lichen genus *Peltigera* in Papua New Guinea. *Fungal Diversity* 38: 185–224.
- Yeshitela, K., Fischer, E., Killmann, D. & **Sérusiaux, E.** 2009. *Aspidothelium hirsutum* (*Thelenellaceae*) and *Caprettia goderei* (*Monoblastiaceae*), two new species of foliicolous lichens from Ethiopia and Kenya. *The Bryologist* 112: 850–855.
- Yeshitela, K., Fischer, E., Killmann, D. & **Sérusiaux, E.** 2009. Two new foliicolous species of *Enterographa* (*Roccellaceae*) from Kenya. *The Lichenologist* 41: 17–23.
- Ertz, D., Lawrey, J. D., Sikaroodi, M., Gillevet, P. M., Fischer, E., Killmann, D. & **Sérusiaux, E.** 2008. A new lineage

- of lichenized basidiomycetes inferred from a two-gene phylogeny: the *Lepidostromataceae* with three species from the Tropics. *American Journal of Botany* 95: 1548–1556.
- Sérusiaux, E. & Coppins, B. J. 2008. *Pyrenula acutispora* in Western Europe, Macaronesia and British Columbia (Canada). *Sauteria* 15: 521–528.
- Sérusiaux, E., Lücking, R. & Lumbsch, T. 2008. *Sporopodium isidiatum* (Pilocarpaceae), new from Papua New Guinea and Sri Lanka, with a key to the world's *Sporopodium* species. *Mycotaxon* 103: 255–262.
- Sérusiaux, E., Lücking, R. & Sparrius, L. 2008. *Opegrapha viridistellata* (Roccellaceae), a new foliicolous lichen species from the Paleotropics. *Mycotaxon* 104: 223–227.
- Ertz, D., Diederich, P., Brand, A. M., van den Boom, P. & Sérusiaux, E. 2008. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. XI. *Bulletin de la Société des naturalistes luxembourgeois* 109: 35–51.
- Rouxhet, S., Sérusiaux, E. & Clesse, J. 2008. L'intérêt botanique des anciennes exploitations de phyllades ardoisiers de Vielsalm Ardoise et coticule en Terre de Salm. In: Goemaere, E. (ed.), *Ardoise et coticule en Terre de Salm*, pp. 275–283. Institut des Sciences Naturelles de Belgique, Bruxelles.
- Fischer, E., Ertz, D., Killmann, D. & Sérusiaux, E. 2007. Two new species of *Multiclavula* (lichenized basidiomycetes) from savanna soils in Rwanda (East Africa). *Botanical Journal of the Linnean Society* 155: 457–465.
- Sérusiaux, E., Berger, F., Brand, M. & van den Boom, P. 2007. The lichen genus *Porina* in Macaronesia, with description of two new species. *The Lichenologist* 39: 15–33.
- Sérusiaux, E., Coppins, B. J. & Lücking, R. 2007. *Phylloblastia inexpectata* (Verrucariaceae), a new species of foliicolous lichen from Western Europe and Madeira. *The Lichenologist* 39: 103–108.
- Sérusiaux, E. & Lücking, R. 2007. *Gallaicolichen*, a new genus of foliicolous lichen with unique diaspores. *Bibliotheca Lichenologica* 95: 509–516.
- Diederich, P., Van Den Broeck, D., Ertz, D., Signoret, J., Aptroot, A., Sparrius, L., Jordaens, D. & Sérusiaux, E. 2006. Contribution to the knowledge of lichens in northern France. *Bulletin de la Société des naturalistes luxembourgeois* 106: 53–62.
- Fischer, E., Killmann, D. & Sérusiaux, E. 2006. A new species of *Jonesiobryum* (Bryopsida : Rhachithecaceae) from Uganda. *Journal of Bryology* 28: 177–181.
- Sérusiaux, E., Diederich, P., Ertz, D., Brand, M. & van den Boom, P. 2006. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. X. *Bulletin de la Société des naturalistes luxembourgeois* 107: 63–74.
- Sérusiaux, E., Fischer, E. & Killmann, D. 2006. *Nyungwea*, a new genus of lichen with goniocyst-producing stipes from Rwanda and Uganda (East Africa). *The Lichenologist* 38: 115–121.
- Lücking, R. & Sérusiaux, E. 2005. *Gomphillus morchelloides* (Ostropales: Gomphillaceae), a new lichen species from Chile and Papua New Guinea. *The Bryologist* 108: 487–490.
- Sérusiaux, E., Berger, F., Coppins, B. J. & Roux, C. 2005. A further new species of *Strigula* from Europe. *The Lichenologist* 37: 481–483.
- Sérusiaux, E. & Diederich, P. 2005. *Lambinonia*, a new genus for *Melanconium strigulae*, a lichenicolous hyphomycete on foliicolous species of *Strigula*. *The Lichenologist* 37: 499–506.
- Lücking, R., Buck, W. R., Sérusiaux, E. & Ferraro, L. I. 2005. *Gomphillus caribaeus* belongs in the new genus *Bryogomphus* (Lecanorales: Pilocarpaceae). *The Bryologist* 108: 481–486.
- Lücking, R., Sérusiaux, E. & Vězda, A. 2005. Phylogeny and systematics of the lichen family Gomphillaceae (Ostropales) inferred from cladistic analysis of phenotype data. *The Lichenologist* 37: 123–170.
- Aptroot, A., Czarnota, P., Jürjado, I., Kocourková, J., Kukwa, M., Löhmus, P., Palice, Z., Randlane, T., Saag, L., Sérusiaux, E. & Sipman, H. 2005. New or interesting lichens and lichenicolous fungi found during the 5th IAL Symposium in Estonia. *Folia Cryptogamica Estonica* 41: 13–22.
- Diederich, P., Van den Broeck, D., Ertz, D., Heylen, O., Jordaens, D. & Sérusiaux, E. 2004. Report on two lichenological field meetings in the province of Luxembourg in Belgium. *Bulletin de la Société des naturalistes luxembourgeois* 105: 57–64.
- Killmann, D., Fischer, E. & Sérusiaux, E. 2004. Erstnachweis einer epiphyllen Flechtengesellschaft (*Fellhanereturn myrtillicolae* Spier & Aptroot) auf *Buxus sempervirens* in Deutschland. *Decheniana* 157: 99–101.
- Roux, C. & Sérusiaux, E. 2004. Le genre *Strigula* (lichens) en Europe et en Macaronésie. *Bibliotheca Lichenologica* 90: 1–96.
- Sérusiaux, E., Diederich, P. & Lambinon, J. 2004. Les macrolichens de Belgique, du Luxembourg et du nord de la France. Clés de détermination. *Ferrantia* 40: 1–192.
- Diederich, P. & Sérusiaux, E. 2003. *Stromatopogon cladoniae* sp. nova, a remarkable new lichenicolous coelomycete from Belgium. *Bibliotheca Lichenologica* 86: 103–106.
- Sérusiaux, E. & Lücking, R. 2003. The lichen genus *Caprettia* Bat. & H. Maia. *Bibliotheca Lichenologica* 86: 161–176.
- Sérusiaux, E., Diederich, P., Ertz, D. & van den Boom, P. 2003. New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. IX. *Lejeunia*, n. S. 173: 1–48.
- Sérusiaux, E., Gomez-Bolea, A., Longan, A. & Lücking, R. 2002. *Byssoloma llimonae* sp nov., from continental Spain, Madeira and the Canary Islands. *The Lichenologist* 34: 183–188.
- Sparrius, L. B., Diederich, P., Signoret, J. & Sérusiaux, E. 2002. The lichen flora of the Boulonnais (France, Pas-de-Calais). *Belgian Journal of Botany* 135: 50–75.
- Lücking, R., Sérusiaux, E. & Santesson, R. 2002. *Ceratopycnidium citricola* is *Byssoloma lueckingii*. *The Lichenologist* 34: 270–272.
- Caceres, M. E. S., Diederich, P., Lücking, R. & Sérusiaux, E. 2001. *Chiodecton epiphyllum* is a lichenicolous fungus on *Coenogonium flavicans* and belongs in the genus *Plectocarpon* (Arthoniales: Roccellaceae). *The Lichenologist* 33: 503–506.
- Ferraro, L. I., Lücking, R. & Sérusiaux, E. 2001. A world monograph of the lichen genus *Gyalectidium* (Gomphillaceae). *Botanical Journal of the Linnean Society* 137: 311–345.
- James, P. W., Aptroot, A., Diederich, P., Sipman, H. J. M. & Sérusiaux, E. 2001. New species of the lichen genus

- Menegazzia* in New Guinea. *Bibliotheca Lichenologica* 78: 91–108.
- Lücking, R., Cáceres, M. E. S., Kalb, K. & Sérusiaux, E. 2001. Studies in *Bacidia* sensu lato (lichenized *Ascomycetes*: *Lecanorales*). II. Six new combinations in *Fellhanera* Vězda. *The Lichenologist* 33: 189–194.
- Lücking, R. & Sérusiaux, E. 2001. *Lasioloma stephanellum* comb. nov. (Lichenized *Ascomycetes*: *Ectolechiaceae*). *Mycotaxon* 57: 301–304.
- Sérusiaux, E., Coppins, B. J., Diederich, P. & Scheidegger, C. 2001. *Fellhanera gyrophorica*, a new European species with conspicuous pycnidia. *The Lichenologist* 33: 285–289.
- Sérusiaux, E. & Lücking, R. 2001. *Aspidothelium gemmiferum* sp. nov., from Papua New Guinea (Lichenized *Ascomycetes*). *Mycotaxon* 79: 43–49.
- Goffinet, B., Rosentreter, R. & Sérusiaux, E. 2001. A second locality for *Xanthoparmelia idahoensis* Hale, an endangered vagrant lichen, new to Canada. *Evansia* 18: 59–59.
- Buck, W. R. & Sérusiaux, E. 2000. *Gyalectidium yahriae*, sp. nov. (lichenized *Ascomycetes*, *Gomphillaceae*) from Florida and Papua New Guinea. *The Bryologist* 103: 134–138.
- Kalb, K., Lücking, R. & Sérusiaux, E. 2000. Studies in *Bacidia* sensu lato (lichenized *Ascomycetes*: *Lecanorales*). I. The genus *Bapalmua*. *Mycotaxon* 75: 281–309.
- McCarthy, P. M., Elix, J. A. & Sérusiaux, E. 2000. *Kantvilasia* (*Lecanorales*, *Ectolechiaceae*), a new foliicolous lichen genus from Tasmania. *The Lichenologist* 32: 317–324.
- Puntillo, D., Bricaud, O. & Sérusiaux, E. 2000. A further locality with foliicolous lichens in Italy, with taxonomical and ecological data on foliicolous lichens in Western Europe. *Cryptogamie, Mycologie* 21: 171–186.
- Lücking, R., Kalb, K., Sérusiaux, E. & Vězda, A. 2000. Proposals to reject the names *Pyrenotrichum*, *Chlorocyphella* and *Cyrta* (lichenized Fungi Imperfecti: form-class *Coelomycetes*). *Taxon* 49: 558–560.
- Lücking, R., Sérusiaux, E. & Sipman, J. M. H. 2000. New or interesting records of foliicolous lichens. VII. *Calenia flava* (*Ostropales*: *Gomphillaceae*). *Tropical Bryology* 19: 55–58.
- Diederich, P. & Sérusiaux, E. 2000. *The Lichens and Lichenicolous Fungi of Belgium and Luxembourg. An Annotated Checklist*. Musée National d'Histoire Naturelle, Luxembourg.
- Sérusiaux, E. & Goffinet, B. 2000. Lichens et Bryophytes sur le site de la Makandé. In: Hallé, F. (ed.), *Biologie d'une canopée de forêt équatoriale – IV. Rapport de la mission du radeau des cimes à la Makandé, forêt des Abeilles, Gabon, Janvier – Mars 1999*, pp. 68–89. Pro-Natura International & Opération Canopée, Paris.
- Sérusiaux, E., Diederich, P., Brand, A. M. & van den Boom, P. 1999. New or interesting lichens and lichenicolous fungi from Belgium and Luxembourg. VIII [Lichens et champignons nouveaux ou intéressants pour la flore de la Belgique et du G.-D. de Luxembourg. VIII]. *Lejeunia* n. S. 162: 1–95.
- Sérusiaux, E. & Aptroot, A. 1998. *Mycomicrothelia striguloides* sp. nov. from New Zealand. *The Bryologist* 101: 144–146.
- Lücking, R. & Sérusiaux, E. 1998. *Gyalideopsis cochlearifer*, a new pantropical, commensalistic species on foliicolous *Gomphillaceae*. *The Lichenologist* 30: 543–549.
- Sérusiaux, E. 1998. Deux nouvelles espèces de *Byssoloma* Trev. (lichens *Pilocarpaceae*) d'Europe Occidentale et de Macaronésie. *Cryptogamie, Bryologie, Lichénologie* 19: 197–209.
- Sérusiaux, E. 1998. Further observations on the lichen genus *Strigula* in New Zealand. *The Bryologist* 101: 147–152.
- Sérusiaux, E. 1998. Notes on the *Gomphillaceae* (Lichens) from Guadeloupe (West Indies), with four new species of *Gyalideopsis*. *Nova Hedwigia* 67: 381–402.
- Sérusiaux, E. 1998. Où nichait le martinet noir avant que l'homme construise des habitations? Réflexions sur la conservation de la nature en milieu forestier. Région Wallonne, *Division Nature & Forêts, Travaux* 20: 499–515.
- Sérusiaux, E. & Aptroot, A. 1998. A further new species of *Monoblastia* (lichenized *Ascomycetes*: *Monoblastiaceae*) from Papua New Guinea. *Nova Hedwigia* 67: 259–265.
- van den Boom, P., Sérusiaux, E., Diederich, P., Brand, M., Aptroot, A. & Spier, L. 1998. A lichenological excursion in May 1997 near Han-sur-Lesse and Saint-Hubert, with notes on rare or critical taxa of the flora of Belgium and Luxembourg. *Lejeunia*, n. S. 158: 1–58.
- Lücking, R., Sérusiaux, E., Maia, L. C. & Pereira, E. C. G. 1998. A revision of the names of foliicolous lichenized fungi published by Batista and co-workers between 1960 and 1975. *The Lichenologist* 30: 121–191.
- Egea, J. M., Sérusiaux, E., Torrente, P. & Wessels, D. 1997. Three new species of *Opegraphaceae* (Lichens) from the Namib desert. *Mycotaxon* 61: 455–466.
- Lücking, R. & Sérusiaux, E. 1997. *Musaespora kalbii* (lichenized *Ascomycetes*: *Melanommatales*), a new foliicolous lichen with a pantropical distribution. *Nordic Journal of Botany* 16: 661–668.
- Sérusiaux, E. 1997. *Sporopodiopsis*, a new genus of lichens (*Ectolechiaceae*) from S-E Asia. *Abstracta Botanica* 21: 145–152.
- Sérusiaux, E. 1997. *Strigula macaronesica*, a new species of foliicolous lichen from Gomera and Madeira. *The Lichenologist* 29: 333–337.
- Aptroot, A., Diederich, P., Sérusiaux, E. & Sipman, H. J. M. 1997. Lichens and Lichenicolous Fungi from New Guinea. *Bibliotheca Lichenologica* 64: 1–220.
- Sérusiaux, E. 1996. Follicolous lichens from Madeira, with the description of a new genus and two new species and a world-wide key to foliicolous *Fellhanera*. *The Lichenologist* 28: 197–227.
- Sérusiaux, E. & Polly, B. 1996. *Strigula kaitokensis* sp. nov. from New Zealand. *Mycotaxon* 59: 245–251.
- Tanghe, M., Richel, T., Crisan, F. & Sérusiaux, E. 1996. Première approche de la flore macrolichénique corticole de la Région de Bruxelles-Capitale en situation de dépollution au SO₂. *Belgian Journal of Botany* 129: 38–46.
- van den Boom, P., Diederich, P. & Sérusiaux, E. 1996. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. VII. *Bulletin de la Société des naturalistes luxembourgeois* 97: 81–92.
- van den Boom, P. & Sérusiaux, E. 1996. A site with foliicolous lichens in Belgium. *Belgian Journal of Botany* 129: 19–23.
- Lücking, R. & Sérusiaux, E. 1996. *Musaespora kalbii* (lichenized *Ascomycetes*: *Melanommatales*), a new foliicolous lichen with a pantropical distribution. *Nordic Journal of Botany* 16: 661–667.

- Egea, J. M., Sérusiaux, E. & Torrente, P. 1996. The lichen genus *Lecanactis* and allied genera in Papua New Guinea. *Mycotaxon* 59: 47–59.
- Aptroot, A., Diederich, P., Sérusiaux, E. & Sipman, H. J. 1995. Lichens and lichenicolous fungi on Laing Island (Papua New Guinea). *Bibliotheca Lichenologica* 57: 19–48.
- Aptroot, A., van den Boom, P., Brand, M., Diederich, P., Sérusiaux, E. 1995. De lichenen van de excursie naar Luxemburg in 1992. *Buxbaumia* 36: 21–33.
- Etayo, J., Diederich, P. & Sérusiaux, E. 1995. *Dictyonema interruptum*, new for the Pyrenees. *Graphis Scripta* 7: 5–6.
- Sérusiaux, E. 1995. Further new lichen species producing campylidia or complex conidiomata. *Bibliotheca Lichenologica* 58: 411–431.
- Roux, C. & Sérusiaux, E. 1995. Présence d'appendices mucœides sur les ascospores de *Raciborskiella janeirensis* (Müll. Arg.) R. Sant. *Bulletin de la Société linnéenne de Provence* 46: 91–94.
- van den Boom, P., Brand, M., Diederich, P., Aptroot, P. & Sérusiaux, E. 1994. Report of a lichenological field meeting in Luxembourg. *Bulletin de la Société des naturalistes luxembourgeois* 95: 145–176.
- Sérusiaux, E. & Lambinon, J. 1994. *Bacidia clauzadei* sp. nov., une espèce nouvelle de lichen foliicole produisant des cils conidiogènes. *Bulletin de la Société linnéenne de Provence* 45: 349–353.
- Goffinet, B., Sérusiaux, E. & Diederich, P. 1994. Le genre *Peltigera* (Lichenes) en Belgique et au Grand-Duché de Luxembourg. *Belgian Journal of Botany* 127: 184–206.
- Roux, C., Bricaud, O., Sérusiaux, E. & Coste, C. 1994. *Wentomyces lichenicola* subsp. nov. *bouteillei*, champignon lichénicole non lichénisé (*Dothideales*, *Dimeriaceae*). *Mycotaxon* 50: 459–474.
- Diederich, P. & Sérusiaux, E. 1993. A nomenclatural note on *Lauderlindsaya* (*Ascomycotina*, *Verrucariales*). *The Lichenologist* 25: 97–100.
- Sérusiaux, E. 1993. New taxa of foliicolous lichens from Western Europe and Macaronesia. *Nordic Journal of Botany* 13: 447–461.
- Sérusiaux, E. & Gathoye, J.-L. 1993. La conservation de la nature en Wallonie. Un premier bilan. *Cahiers des Réserves naturelles* 3: 1–105.
- Marchal, D., Dufrière, M., Lebrun, P., Devillers, P. & Sérusiaux, E. 1992. Surveillance de l'état de l'environnement wallon par bioindicateurs. *Cahiers des Réserves Naturelles* 1: 73–80.
- Sérusiaux, E. 1992. Reinstatement of the lichenized genus *Eremothecella* Sydow. *Systema Ascomycetum* 11: 39–47.
- Sérusiaux, E. & Diederich, P. 1992. *Pyrenula kakouettae* sp. nov. from SW France. *Nova Hedwigia* 55: 533–537.
- Diederich, P., Lambinon, J., Sérusiaux, E. & van den Boom, P. 1992. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. VI. *Belgian Journal of Botany* 125: 137–150.
- Diederich, P., Sérusiaux, E. & van den Boom, P. 1991. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. V. *Lejeunia*, n. S. 136: 1–47.
- Sérusiaux, E. 1991. *Porina rosei* sp. nov., une espèce nouvelle d'Europe occidentale. *Cryptogamie, Bryologie, Lichenologie* 12: 31–39.
- Diederich, P. & Sérusiaux, E. 1990. Mapping lichens and lichenicolous fungi in Belgium and Luxembourg. *Stuttgarter Beiträge zur Naturkunde, Ser. A* 456: 103–106.
- Sérusiaux, E. 1990. Liste préliminaire des lichens et champignons lichénicoles des rochers et éboulis des affleurements du Salmien (Belgique, région de Vielsalm). *Mémoires de la Société Royale de Botanique de Belgique* 12: 135–147.
- Devillers, P., Beudels, R., Devillers-Terschuren, J., Lebrun, P. & Sérusiaux, E. 1990. Un projet de surveillance de l'état de l'environnement par bio-indicateurs. *Les Naturalistes Belges* 71: 75–98.
- Sérusiaux, E. 1989. *Echinoplaca furcata*, a new species of foliicolous lichen (*Gomphillaeaceae*) from Rwanda. *Mycotaxon* 35: 237–242.
- Sérusiaux, E. 1989. Foliicolous lichens: ecological and chorological data. *Botanical Journal of the Linnean Society* 100: 87–96.
- Sérusiaux, E. 1989. Liste rouge des macrolichens dans la Communauté Européenne. Université de Liège, Liège.
- Diederich, P., Sérusiaux, E., Aptroot, A. & Rose, F. 1988. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. IV. *Dumortiera* 42: 17–35.
- Sérusiaux, E. 1986. Foliicolous lichens: ecological and chorological data. *Botanical Journal of the Linnean Society* 100: 87–96.
- Sérusiaux, E. 1986. The nature and origin of campylidia in lichenized fungi. *The Lichenologist* 18: 1–35.
- Sérusiaux, E. & De Sloover, J. R. 1986. Taxonomical and ecological observations on foliicolous lichens in northern Argentina, with notes on the hyphophores of *Asterothyriaceae*. *Veröffentlichungen des Geobotanischen Institutes der Eidgenössischen Technischen Hochschule, Stiftung Rübel, in Zürich* 91: 260–292.
- Lambinon, J. & Sérusiaux, E. 1985. Le genre *Stereocaulon* Hoffm. (Lichens) en Belgique et dans les régions voisines. *Bulletin de la Société royale de botanique de Belgique* 118: 79–92.
- Sérusiaux, E. 1985. Goniocysts, goniocystangia and *Opegrapha lambinonii* and related species. *The Lichenologist* 17: 1–25.
- Sérusiaux, E. & Lambinon, J. 1985. Le genre *Xanthoparmelia* (Vainio) Hale (Lichens) en Belgique et dans les régions voisines. *Bulletin de la Société royale de botanique de Belgique* 118: 205–211.
- Sérusiaux, E., Diederich, P. & Rose, F. 1985. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. III. *Dumortiera* 33: 25–35.
- Sérusiaux, E. 1984. Contribution to the study of lichens from Kivu (Zaïre), Rwanda and Burundi. VIII. New or interesting species of parmeliaceous lichens. *The Bryologist* 87: 1–11.
- Sérusiaux, E. 1984. New species or interesting records of foliicolous lichens. *Mycotaxon* 20: 283–306.
- De Sloover, J. R. & Sérusiaux, E. 1984. Une station des lichens foliicoles en Provence. *Cryptogamie, Bryologie et Lichénologie* 5: 291.
- Sérusiaux, E. 1984. *Punctelia columbiana* sp. nov. (*Parmeliaceae*) from South America. *Nordic Journal of Botany* 4: 717–718.
- Sérusiaux, E. 1984. Three new species of *Tricharia* (Lichenes, *Asterothyriaceae*) from New Guinea. *Mycologia* 76: 108–114.

- Sérusiaux, E.** & Rose, F. 1984. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. II. Espèces épiphytiques. *Bulletin de la Société royale de botanique de Belgique* 117: 89–99.
- Sérusiaux, E.** & Wessels, D. 1984. *Santessonia* (Lecanorales, Buelliaceae) in the Namib desert (South West Africa). *Mycotaxon* 19: 479–502.
- Sérusiaux, E.** 1984 Les *Pannariaceae* s.l. (lichens) en Belgique, au Grand-Duché de Luxembourg et dans les régions voisines. *Bulletin de la Société royale de botanique de Belgique* 117: 80–88.
- Lambinon, J. & **Sérusiaux, E.** 1983. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. VII. Approche écogéographique de la flore et la végétation lichéniques dans l'est de l'Afrique centrale. *Bothalia* 14: 533–538.
- Sérusiaux, E.** 1983. Foliicolous lichens from Zimbabwe. *The Lichenologist* 15: 283–287.
- Sérusiaux, E.** 1983. New data on the lichen genus *Punctelia* (Parmeliaceae). *Nordic Journal of Botany* 3: 517–520.
- Sérusiaux, E.** 1983. Nomenclature du genre *Everniastrum* Hale (Lichenes: Parmeliaceae). *Taxon* 32: 295–297.
- Sérusiaux, E.** 1983. Proposal to conserve *Baeomyces* (Fungi). *Taxon* 32: 646–648.
- Sérusiaux, E.**, Lambinon, J. & Malaisse, P. 1983. Lichens et champignons lichénicoles nouveaux ou intéressants pour la flore de Belgique et des régions voisines. I. *Dumortiera* 27: 5–9.
- De **Foucault, B.**, **Sérusiaux, E.** & Van Haluwyn, C. 1982. Une nouvelle station française des lichens foliicoles dans le Massif central occidental (Aveyron). *Cryptogamie, Bryologie et Lichenologie* 3: 73–76.
- Sérusiaux, E.** 1982. Une nouvelle station française de lichens foliicoles dans le Massif central occidental (Aveyron). *Cryptogamie, Bryologie, Lichenologie* 3: 73–76.
- Lambinon, J., Ramaut, J. L. & **Sérusiaux, E.** 1981. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. V. Le genre *Leprocaulon*. *Bulletin du Jardin botanique national de Belgique* 51: 205–207.
- Sérusiaux, E.** 1981. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. VI. Les genres *Cococarpia* Pers. et *Lobaria* (Schreb.) Hoffm. *Cryptogamie, Bryologie, Lichenologie* 2: 461–469.
- Sérusiaux, E.** 1980. Quelques réflexions à propos de l'évaluation des écosystèmes forestiers. *Natura Mosana* 33: 190–205.
- Sérusiaux, E.** 1980. Inventaire des sites wallons d'un très grand intérêt biologique. Namur, Belgique: Inter-environnement-Wallonie.
- Sérusiaux, E.** 1979. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. III. *Vezeadaea*, a new genus for Africa. *Mycotaxon* 8: 135–139.
- Sérusiaux, E.** 1979. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. IV. Le genre *Stereocaulon* (Schreb.) Hoffm. *Revue bryologique et lichénologique* 45: 1–43.
- Sérusiaux, E.** 1979. Foliicolous lichens from southeastern United States. *The Bryologist* 82: 88–93.
- Sérusiaux, E.** 1979. Two new foliicolous lichens from tropical Africa. *The Lichenologist* 11: 181–185.
- Ramaut, J. L., Brouers, M., **Sérusiaux, E.** & Corvisier, M. 1978. Separation of mixtures of atranorin and chloroatranorin by thin-layer chromatography. *Journal of Chromatography. A* 155: 450–453.
- Ramaut, J. L., **Sérusiaux, E.**, Brouers, M. & Corvisier, M. 1978. Lichen acids of the *Stereocaulon ramulosum* group in Central East Africa. *The Bryologist* 81: 415–421.
- Rosoux, R. & **Sérusiaux, E.** 1978. Intérêt et protection des zones tourbeuses de Wallonie. *Colloquium Laagveengebieden* pp. 13–23.
- Auquier, P. & **Sérusiaux, E.** 1978. *Capsella rubella* Reut. et *C. × gracilis* Gren. en Belgique. *Bulletin de la Société royale de botanique de Belgique* 111: 62–68.
- Sérusiaux, E.** 1978. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. II. Espèces nouvelles de lichens foliicoles. *Lejeunia*, n. S. 90: 1–18.
- Sérusiaux, E.** 1977. Les lichens foliicoles: concept, classification écologique et position systématique. *Les Naturalistes belges* 58: 111–118.
- Sérusiaux, E.** 1977. Quelques lichens foliicoles récoltés à La Réunion (Afrique, Océan Indien). *Bulletin de la Société royale de botanique de Belgique* 110: 39–41.
- Lambinon, J. & **Sérusiaux, E.** 1977. Contribution à l'étude des lichens du Kivu (Zaïre), du Rwanda et du Burundi. I. Introduction. Genres *Everniopsis*, *Normandina* et *Placopsis*. *Bulletin du Jardin botanique national de Belgique* 47: 459–471.
- Sérusiaux, E.** 1976. Some foliicolous lichens from the Farlow Herbarium. *Occasional Papers of the Farlow Herbarium* 10: 1–21.
- Sérusiaux, E.** 1975. Contribution à l'étude des oiseaux d'eau de la Haute-Meuse belge. *Aves* 12: 1–25.