

INTERNATIONAL LICHENOLOGICAL NEWSLETTER

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The opinions expressed in the *Newsletter* are not necessarily those held by
the International Association for Lichenology

INTERNATIONAL ASSOCIATION FOR LICHENOLOGY

The **International Association for Lichenology (IAL)** promotes the study and conservation of lichens. It organizes symposia, field trips, and distributes a biannual newsletter. The activity of IAL can be followed on several social media platforms: [IAL YouTube channel](#), [IAL Facebook page](#), [IAL Twitter account](#). People wishing to renew their membership or become members of IAL are requested to pay their membership fee (one payment of 30 EUR for 2021-2026) using PayPal or by bank transfer. All details available at <http://www.ial-lichenology.org/>.

The **International Lichenological Newsletter** is the official publication of IAL. It is issued twice a year (July and December) in English. Previously published newsletters are available at <https://ial-lichenology.org/newsletters/>. The *Newsletter* is divided into four main sections: 1) **Association news**: official information concerning the Association, such as minutes of Council meetings, proposals of Constitutional changes, new members, changes of addresses, etc. 2) **News**: information about lichenologists, institutional projects, herbaria, requests of collaboration, announcements of meetings, book reviews, etc. 3) **Reports**: reports of past activities, short lectures, obituaries, short historical novelties, etc. 4) **Reviews**: presentation of recent progress and other topics of interest in lichenology with optional discussion.

Any information intended for publication should reach the Editor on or before June 10 and November 10 for inclusion in the July and December issues, respectively.

IAL affairs are directed by an Executive Council elected during the last General Meeting. Council members elected at the virtual IAL9 Symposium (Bonito, Brazil, 2021) are listed below, and will serve until 2026.

IAL COUNCIL 2021-2026

President: François Lutzoni, Department of Biology, Box 90338, Duke University, Durham, NC 27708, USA. Email: francois.lutzoni@duke.edu

Vice President: Marcela Eugenia da Silva Cáceres, Departamento de Biociências, Universidade Federal de Sergipe, Av. Vereador Olímpio Grande, s/n, 49500-000, Itabaiana-SE, Brasil. Email: mscaceres@hotmail.com

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ASSOCIATION NEWS

LETTER FROM THE PRESIDENT

Dear members of the IAL and friends,

I hope you have been enjoying the beginning of the summer despite record-high temperatures in many parts of the world. The 12th International Mycological Congress (IMC12) is approaching quickly. As you will see below, lichenologists will be participating in this important event through two symposia, two keynote addresses, multiple posters, and one field trip. Moreover, the IAL will continue its tradition of organizing a dinner for its members during IMC. One of the goals of this dinner will be to announce the recipients of the Acharius Medal and Mason Hale award. This is a unique opportunity for lichenologists to be together in person after nearly six years. I look forward seeing you at IMC12 and at the IAL dinner. More information about lichenological events during IMC12 is provided in a separate article part of this ILN issue (see below).

It is my pleasure to introduce you to the members of a new IAL committee – the IAL Awards Nomination Committee. The mission of this new committee will be to seek and encourage nominations or applications for IAL awards to be given during IAL10. I want to thank Kansri Boonpragob, Pradeep Kumar Divakar, Paul Kirika, Yoshihito Ohmura, Julieta Orlando, and Gothamie Weerakoon for accepting our invitation to serve the IAL as members of this important committee.

It is with sadness that I report the resignation of Scott LaGreca from the IAL Council. Since IAL9, Scott actively served as a member-at-large and continued to contribute to the International Lichenological Newsletter (ILN) as a member of the Editorial Board. He was also an outstanding archivist for our association. As you all know, Scott served the IAL for many years in various roles, and for this reason he was often our go-to person when we needed to know about past activities, decisional processes, and specific facts. The contributions of Scott LaGreca to the IAL are way too many for me to summarize them here. I am very thankful for all his efforts to improve the IAL. We will miss him very much. Silvana Munzi kindly accepted the invitation of the IAL Council to take this vacant officer position. For nearly three years, Silvana has been one of the most active members of the IAL. Her work as Chair of the Communication Committee has transformed the IAL. In this role, she has been participating in most of our council meetings. Therefore, I cannot think of a better person than Silvana to take this important officer position as member-at-large on the IAL Council. William Sanders graciously accepted Beata Guzow-Krzemińska's invitation to join her on the Editorial Board of the ILN. It is with great pleasure that I take this opportunity to welcome Silvana Munzi and William Sanders in their new roles to serve the lichenological community.

Best wishes, and I hope to see you at IMC12,

François Lutzoni, Durham, North Carolina

LICHENOLOGICAL EVENTS AT IMC12

The 12th International Mycological Congress (IMC12) will take place in Maastricht, Netherlands, August 11-15, 2024. It is possible to register with substantial savings until August 6. Starting August 7, it will be possible to register but at a much higher rate. As you will see under the “Programme” tab of the IMC12 website (<https://imc12.org>), there will be many symposia, workshops, and other activities that will be of interests to lichenologists. More specifically, lichenologists will be participating in this important event through two symposia, two keynote addresses, multiple posters, and one field trip. As part of IMC12, the IAL council organized a dinner for its members where the recipients of the 2024 Acharius Medal and the Mason Hale award will be unveiled. More information about these activities is provided below.

Two symposia will include talks focusing on lichenology:

On Tuesday, August 13, Symposium 21: Tropical lichens unveiled: Exploring biodiversity wonders. Co-organized by Manuela Dal Forno and Marcela E. Cáceres.

On Wednesday, August 14, Symposium 33: Ecology and evolution of fungal-photoautotroph interactions. Co-organized by François Lutzoni and A. Elizabeth Arnold.

There will be two keynote addresses given by lichenologists:

On Tuesday, August 13, as part of Keynote session 3: “Evolution, biodiversity and systematics”, Jolanta Miadlikowska will give a talk entitled “An ecological clade-based genomic approach for the study of symbiotic pairing mechanisms in lichens”.

On Thursday, August 15, as part of Keynote session 7: “Nomenclature”, Robert Lücking will give a talk entitled “Global fungal diversity and the importance of dark fungi”.

One field trip was organized for lichenologists:

On Friday, August 16, there will be a one-day lichen excursion in Eiffel, western Germany. The main goal is to observe outstanding and rare lichens for this part of Europe growing on lava rock. However, this excursion is currently full. For more information about this field trip, contact Nicolas Magain (Nicolas.Magain@uliege.be)

IAL dinner with unveiling of recipients of the Acharius Medal and Mason Hale Award:

The IAL is organizing a dinner for its members at the IMC12. It is scheduled for Monday, August 12, 19:30-22:30, at the Orangerie located at: Grote Gracht 18, 6211 SW Maastricht (<https://thiessen.nl/locaties-zalen/orangerie/>). The cost is 50 Euro per person. Tickets for this event need to be purchased in advance. To purchase a ticket, go to the IAL website (<https://ial-lichenology.org/>). Using the “Membership” tab, select “Join/Renew”. Scroll down this page and select the “Donate to IAL” button. We are using this payment option to purchase tickets for the IAL dinner. Please pay 50 Euro and send an email to the IAL treasurer (ialmembership.info@gmail.com) to let us know that your “donation” was for your ticket to attend the IAL dinner. You will receive an email confirming that you were added to the list of IAL members that purchased a ticket for the IAL dinner. Tickets need to be purchased by July 31, 2024.

François Lutzoni, Durham, North Carolina

AN ILLUSTRATED HANDBOOK OF LICHEN TRAITS - A CABINET OF LICHENS SUBPROJECT

When you are a beginner, using identification keys can often require a good bit of imagination. It can be very challenging to figure out what, in real life, corresponds to a certain description and, even more, whether what you have in your hands is the described structure. Although fascinating, the morphological variability of some structures and the incredible variety of forms for each trait across habitats and ecosystems makes things complicated.

Of course, books, papers, and a wealth of online materials are available, but navigating among many different sources takes time and a certain degree of knowledge, and not all possible forms of a trait are represented in the same place. Illustrated books can be costly, not available everywhere, and often not translated into many languages.

To answer these needs, the “IAL Handbook of Lichenology” project was conceived in an informal conversation between me (Silvana Munzi), Pat Wolseley, Adriano Spielmann and Maria del Pilar Santamaria Motta, after one of the sessions of the Cabinet of Lichens. Their enthusiasm and competence are the real foundation of this project.

Our objectives were to:

- Provide user friendly description of traits
- Provide labelled illustration of the structures
- Provide photographs of named species from all regions illustrating variety of forms for each trait
- Illustrate most of the forms of the trait in the same place
- Cross-reference other similar traits where necessary
- Illustrate the variety of forms that are underrepresented in existing material
- Provide freely available high-resolution images
- Translate the content into as many languages as possible

It took several months and a good number of meetings, but we are proud to present the first results of the project at <https://ial-lichenology.org/handbook-of-lichenology/>.

Each plate illustrates a thallus structure or character, with a drawing made by the talented Pili, a brief description and several credited photographs, mostly from Adriano. On the next page you will find some examples.

This is only the beginning. We are aware that, given the number of forms and characters, this is an endless job. However, it is also a project where many lichenologists can contribute with ideas, observations, translations, and photographs at their own pace. We don't have deadlines, so we can work little by little.

If you would like to contribute to the IAL Handbook of Lichenology, please let us know by filling the 4-question form: <https://forms.gle/nLhjBaTM8YwwfMdg8>.

Thank you!

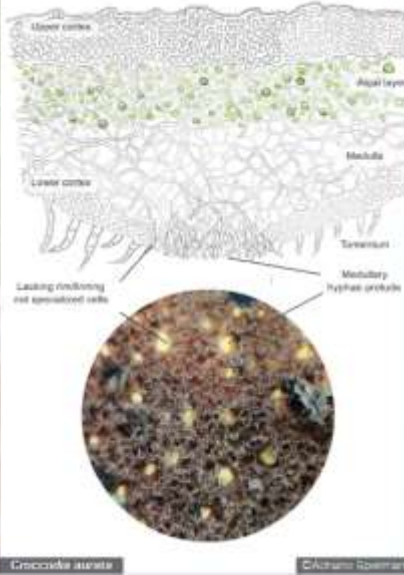
Silvana Munzi



Pseudocyphellae

(Sing. pseudocyphella)

Appear as round, linear or irregular breaks in the cortex on the upper or lower surface of the thallus revealing the medullary hyphae, and forming a simple pore, facilitating gas exchange in the thallus. Pseudocyphellae are distinguished from cyphellae by the absence of a clearly defined cup-like rim and lining. Pseudocyphellae are plane or slightly convex, usually the same colour as the medulla, sometimes becoming fissural and/or developing soredia (e.g. *Parmelia sulcata*). They are found in all growth forms and among a wide variety of genera.



Lirellae

(Sing. lirela)

Lirellae are fruiting bodies that are elongated and more or less compressed to form a linear fruiting body that may be lip-like, branched or stellate as found in crustose Graphidaceae where the thalline exciple is inconspicuous or absent. (e.g. *Phaeographis* spp.) In *Sarcographa* spp. the lirellae are formed in a stroma of fungal tissue the same colour as the medulla.



NEWS

A NEW LICHEN FLORA FOR TASMANIA

In mid-2023, the first generic accounts of Tasmanian lichens were published electronically (<https://flora.tmag.tas.gov.au/about/lichens/>). This lichen flora is a component of the *Flora of Tasmania Online*, which until that time had dealt solely with vascular plants.

With an estimated 1500 taxa, many of which are yet to be discovered, identified or formally named, lichens represent a very significant part of Tasmania's biodiversity. In most Tasmanian habitats or vegetation types, lichens will easily outnumber the other terrestrial plant groups (flowering plants, conifers, ferns and their allies, and bryophytes).

No comprehensive systematic account of Tasmania's lichens exists, although the literature pertaining to particular taxonomic groups or to the species composition of particular places or habitats is extensive. The first, and indeed only, attempt to include lichens in a Flora of Tasmania was by Joseph Dalton Hooker in his monumental *Flora Tasmaniae* (published 1855–1860). Although including only 93 taxa, Hooker's flora remains the sole milestone in the aspiration to document all of Tasmania's flora in a single work. An exception is the massive *Flora of Australia* series (1981–present), where a large number of genera and families that occur in Tasmania are treated in the five lichen volumes.

For the past four decades, the author of this new flora, Gintaras Kantvilas, has been working steadily to bring the lichens of this remarkable island to the attention of lichenologists world-wide, mainly through a series of taxonomic, floristic and ecological papers. To combine all the available information on Tasmanian species into a single work has been a long-term goal.

The work is arranged by genera, even if each tranche of published accounts aims to deal principally with related genera that may be classified in the same family. The intention is to produce a key to genera in the future. However, the ongoing discovery of previously unrecorded genera and species in Tasmania means that, for the present, such a key would be necessarily incomplete. The keys to genera found in the *Flora of Australia*, in David Galloway's *Flora of New Zealand Lichens*, in Lumbsch *et al.* (2001) and in McCarthy & Malcolm (2004) as well as other sources, are very useful but have been quickly left behind by ongoing advances in knowledge.

All the generic accounts have been compiled *de novo* and are based exclusively on Tasmanian specimens. Many lichens have broad geographical distributions and feature in floras and monographs from other parts of the world. Whilst these have been consulted when preparing the Tasmanian accounts, simply "borrowing" treatments and data from them has been strictly avoided. Cases where Tasmanian species differ significantly from their counterparts elsewhere in the world are noted, as these may well indicate subjects for future investigations.

At present, 100 genera comprising just over 270 species have been completed, representing but a small fraction of the total task ahead. It is a task that will probably not be completed, given time constraints, certain practical complications, and the complexity of some of the lichen groups. Completed thus far are many small, chiefly crustose genera, often with wide distributions (e.g. from the families Acarosporaceae, Graphidaceae, Megalosporaceae, Mycoblastaceae, Psoraceae, Roccellaceae and others) as well as some characteristic "austral" genera such as *Bunodophoron*, *Menegazzia*, *Parasiphula* and *Siphula*.

The flora is a synthesis of decades of study, where literally dozens of lichenologists from around the world, too numerous to name, contributed their specialist knowledge at some time or other. The *Flora Online* site is edited and maintained by Miguel de Salas; all the lichen chapters have also been proofread by Patrick McCarthy. The author is grateful to these individuals and to many others who have been a constant source of encouragement. He invites colleagues to view the site and welcomes any feedback and corrections.

References

- Lumbsch HT, McCarthy PM & Malcolm WM (2001) *Key to the genera of Australian Lichens. Apothecial crusts*. Flora of Australia Supplementary Series 11. Australian Biological Resources Study: Canberra.
- McCarthy PM & Malcolm WM (2004) *Key to the genera of Australian macrolichens*. Flora of Australia Supplementary Series 23. Australian Biological Resources Study: Canberra.

Gintaras Kantvilas

THE FOURTH LICHEN PHOTOBIONT WORKSHOP

Following previous workshops held in Italy, Spain and Czech Republic, The Fourth Lichen Photobiont Workshop will take place in Gdansk (Poland). The meeting will be held on 17-20 September 2024.

ACCOMMODATION

The Conference will take place in the Faculty of Biology building, University of Gdańsk. (University Campus, Wita Stwosza street, number 59, Gdańsk). There are plenty of hotels and hostels around. Booking can be done via Booking.com or any other source.

HOW TO GET TO GDAŃSK

BY AIR. The Lech Walesa Airport is located approx. 10 km west of Gdańsk (address: Słowackiego 200, 80-298 Gdańsk; www.airport.gdansk.pl). The major airlines operating at this airport include Lufthansa, SAS, Finnair, LOT, Ryanair, WIZZ and other.

You can also fly to Warsaw and then take a train to Gdańsk (see below).

BY TRAIN. Gdańsk is well connected with many large cities in Poland and neighbouring countries. Many Polish cities offer direct train services to Gdańsk. For timetables, see website PKP Intercity (<https://www.intercity.pl/pl/>)

BY CAR. Gdańsk is connected to the European motorway network via the A1 highway, which provides access to the city from Germany and Czech Republic. The European road network also provides easy access to Gdańsk from other European countries.

HOW TO GET TO FROM THE AIRPORT TO THE UNIVERSITY CAMPUS

The easiest way is to use car transport. Gdańsk offers services of different taxi companies. The other possibly is to use UBER services, which is very commonly used by locals and tourists.

For those who would like to use public transport:

FIRST OPTION: Take a bus no. 122 from the airport and get off at the stop 'Biblioteka Uniwersytetu Gdańskiego'. The bus stop is outside the airport, but buses run every hour. <https://www.airport.gdansk.pl/passenger-area/transportation/bus-p99.html>

SECOND OPTION (especially for people with large luggage): there is a train stop 'Gdańsk Port Lotniczy' outside the airport. Please take the train going to 'Gdańsk Wrzeszcz' railway station and get off there (tickets can be purchased from the ticket machines located at the platform). Trains run every 10-30 minutes (more often in the morning and afternoon).

<https://www.airport.gdansk.pl/passenger-area/transportation/train-p98.html>

Once you got off in 'Gdańsk Wrzeszcz' railway station, depending where you accommodation is located, you can take:

- a train (SKM) to other parts of Gdańsk as well as to neighbouring cities, Sopot and Gdynia (tickets can be purchased from the ticket machines located at the platform); for timetables see <https://skm.trojmiasto.pl/> (Polish 'ze stacji' means from station; Polish 'do stacji' means to

- station). If you go directly to University Campus, you need to get off the train at the stop ‘Gdańsk Przymorze-Uniwersytet’. The Faculty of Biology Building is a 10-minute walk from the station.
- a tram (in Polish tramwaj)- consult the map to find the tram stop ‘Klonowa,’ located on Grunwaldzka street. From there you get trams operating in Gdańsk; use a Google Map in your mobile phone, where you can find information on the schedules and routes of tram lines (just click on the symbol of the bus stop). The nearest to the University Campus tram stop is ‘Uniwersytet Gdański’ (lines 5, 6, 12).
 - Tram tickets can be bought either from the ticket machines located near ‘Gdańsk Wrzeszcz’ railway station or from kiosks (a single ticket in Polish is ‘bilet normalny’). The cost of the ticket is 4.80 PLN. The ticket must be validated immediately upon getting on the tram in machine located near the doors.
 - a bus (in Polish autobus) – there are plenty bus stops nearby train stop ‘Gdańsk Wrzeszcz’ For timetables see <https://ztm.trojmiasto.pl/> or use a Google Map in your mobile phone, where you can find information and the schedules and routes of bus lines (just click on the symbol of the bus stop). The nearest to the University Campus bus stop is ‘Biblioteka Uniwersytetu Gdańskiego’ (lines 199, 122).

Bus tickets are the same as for trams (see above how to buy a ticket).

Hotels should give more information which public transport can be used to get to the accommodation place.

REGISTRATION

Registration information can be sent to beata.guzow-krzeminska@ug.edu.pl or martin.kukwa@ug.edu.pl with the subject "Fourth Lichen Photobiont Workshop". Please provide the following information:

Name

Surname

E-mail

Institution

Country

Poster/Talk

Title

Meals regular/vegetarian/vegan

Trip to Hel yes/no

Trip to Radunia river valley yes/no

Post conference publication yes/no

Registration deadline: July, 15, 2024

PAYMENTS

The fee is **50 EUR** and will include materials, trip(s), coffee breaks, etc. (this will partly depend on the number of participants, but we will try to include in this as much as possible).

The payments should be done by **July, 20, 2024**.

Account holder: Uniwersytet Gdański

Bank Account - 59 1240 1271 1111 0010 4368 2415

Payment title - **KD0F-24** and name of participants.

If you need invoice, you need to provide VAT number and add data to whom it should be sent.

SUBMISSION OF ABSTRACTS

Abstract should be sent as .doc files to martin.kukwa@ug.edu.pl by the **end of July 2024**.

The main text should be no longer than 2500 characters (with spaces). It should include the title of the presentation, and authors' names and addresses.

PRESENTATIONS

Oral and poster presentations are planned.

Computers with Windows system enabling presentations will be available on-site. We encourage you to save your presentation in a .pdf file. The presentation should not exceed 10 minutes with 5 minutes for discussion.

The maximum poster size is B1 (70 cm x 90 cm) in a portrait orientation.

PUBLICATION AFTER THE CONFERENCE

It is possible to publish a special issue in the Symbiosis journal. Please let us know at the time of registration if you are interested in publishing your data after the conference.

PRELIMINARY PROGRAMME OF WORKSHOP

17th September

15.00-18.00 – Registration

19.00 – Welcome Reception

18th September

8.00-9.00 - Registration

9.00 up to evening - Oral and poster sessions with coffee break and lunch break.

19th September

8.00 up to evening – Field trip to Hel Peninsula (by bus)

20th September

Optional field trip to Radunia River Valley (depending on the number of participants by bus or train).

We are looking forward to meeting you in Gdańsk!

Workshop Organizing Committee

EAGLE HILL INSTITUTE'S 2024 LICHENS AND RELATED SEMINARS

Eagle Hill is right on the coast of Eastern Maine, between Acadia National Park and Petit Manan National Wildlife Refuge.

Jun 30 - Jul 6 — [Introduction to the Study of Lichens](#) — Fred Olday

Jul 28 - Aug 3 — [Natural Communities of the Maine Coast: An In-depth Experience for Field Botanists and Naturalists](#) — Robert Wernerehl and Kristen Puryear

For general information, the registration form, seminar flyers, and a complete calendar: <https://eaglehill.us/programs/sems-weeklong/calendar-weeklong.shtml>

If you have any questions about the content of the seminar, please reach out to the seminar instructor(s), whose contact info can be found on the seminar flyer. If a seminar you are interested in is full, and you would like to be put on the waitlist, please fill out the application form.

If you have any questions about registering for the seminar, please contact us at office@eaglehill.us.

Bailey Tausen

NEW BOOKS AND PUBLICATIONS

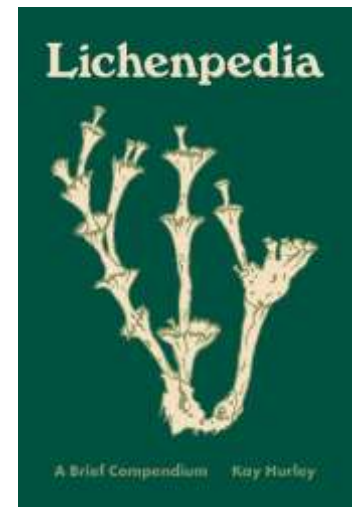
Hurley, Kay (2024) *Lichenpedia: A Brief Compendium*. 192 pages, Princeton University Press, ISBN: 9780691239903, Price: \$17.95/£10.99.

Lichenpedia is a delightfully entertaining and beautifully illustrated A-Z treasury about the strange, obscured, and remarkable world of lichens, from their unique and essential roles in nature and the ways they are used in dyeing, brewing, and drug-making to how they have inspired writers and artists, from Henry David Thoreau to modern painters.

Further information is available here:

<https://press.princeton.edu/books/hardcover/9780691239903/lichenpedia>

Princeton University Press



Lücking, Robert and Spribille, Toby (2024) *The Lives of Lichens. A Natural History*. 150 pages + color illustrations, Princeton University Press, ISBN: 9780691247281, Price: \$35.00/£30.00, ebook: Sale Price: \$24.50/£21.00.

The Lives of Lichens is a richly illustrated guide to lichens and their biology. Blending stunning macrophotography and graphics with in-depth coverage of profiled species, *The Lives of Lichens* provides an unforgettable tour of the marvellous world of these peculiar organisms.

Further information is available here:

<https://press.princeton.edu/books/hardcover/9780691247274/the-lives-of-lichens>

Princeton University Press



Goulet, Clare (2024) *Graphis scripta / writing lichen*. Canadian Poetry, 112 pages, Gaspereau Press Ltd, ISBN: 9781554472659, Price: \$24.95, Trade paper,

Clare Goulet considers how things *are* and also *are not* what they seem, grounding her poems in the natural history of lichen, metaphor's biological analogue. Though presented as a sort of field guide—to lichen, but also to metaphor—this collection is delightfully animated, buoyed by Goulet's sense of mischief, rhythm, and sound. By nimbly shifting our attention from the supposed subject matter to the slippery matter of attention itself, Goulet daylights language's symbiotic relationship with the world and the way in which it nurtures hope and love.

*Gary Dunfield
Gaspereau Press Ltd*



PERSONALIA

THORSTEN LUMBSCH ELECTED AS AAAS FELLOW

Lumbsch, Thorsten was elected as a Fellow of the American Association for the Advancement of Science (AAAS) in April. He is being honored “for distinguished contributions to the field of evolutionary biology, particularly for improving our understanding of species delimitation and the evolutionary history of symbiotic fungi.”

JAMES C. LENDEMER

Dr. James C. Lendemer has recently left his position as Associate Curator at the New York Botanical Garden in the Bronx, New York City, and is now serving as Curator of Botany at the New York State Museum for the New York State Education Department in Albany, New York. He is now an Affiliated Scientist at the New York Botanical Garden and adjunct faculty with doctoral students at the City University of New York. E-mail: james.lendemer@nysed.gov.

LIST OF SOCIETIES

Australasia: Australasian Lichen Society. Info: W.M. Malcolm, Box 320, Nelson, New Zealand 7040. Phone: (+64) 3-545-1660, e-mail: nancym@micro-opticspress.com
Journal: *Australasian Lichenology*, web-page: <http://nhm2.uio.no/botanisk/lav/RLL/AL/>

Brazil: Grupo Brasileiro de Liquenólogos (GBL), contact: Dr. Adriano Afonso Spielmann, (e-mail: adriano.spielmann@ufms.br), e-mail: BrazilianLichens@gmail.com;
web-page: <https://brazilianlichens.wixsite.com/website>

Central Europe: Bryologisch-lichenologische Arbeitsgemeinschaft für Mitteleuropa (BLAM). Contact: Martin Nebel, Wellengstr. 14, 70619 Stuttgart, Germany, e-mail nebel_martin@web.de, web-page: <http://blam-bl.de/>
Journals: *Herzogia* <https://blam-bl.de/herzogia/herzogia-ueberblick.html>, *Herzogiella*, web-page: <https://blam-bl.de/herzogiella-oben.html>

Colombia: Grupo Colombiano de Liquenología (GCOL). Info: Bibiana Moncada, e-mail: bibianamoncada@gmail.com;
web-page: <https://www.facebook.com/groups/485251978343916>

Czech Republic: Bryological and Lichenological Section of the Czech Botanical Society. Chairperson: Svatava Kubešová, e-mail: svata.kubesova@gmail.com, web-page: <https://botanospol.cz/cs/bls>
Journal: *Bryonora*, web-page: <https://botanospol.cz/index.php/cs/bryonora>

Ecuador: Grupo Ecuatoriano de Liquenología (GEL). Info: Alba Yanez, e-mail: albayanez8@gmail.com;
web page: <http://grupoecuatorianodeliquenologia.blogspot.com/>

Estonia: Mycology Society, Estonian Naturalists' Society, Struve 2, Tartu 51003, Estonia, Chairman: Külli Kalamees-Pani, e-mail: kulli.kalamees-pani@ut.ee
web-page: <http://mukoloogiauhing.ut.ee/avaleht> (in Estonian).
Journal: *Folia Cryptogamica Estonica*, web page: <http://www.ut.ee/ial5/fce/>

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Journal: *The Lichenologist* (accessible via Cambridge Core <https://www.cambridge.org/core/journals/lichenologist>); *British Lichen Society Bulletin* <https://www.britishlichensociety.org.uk/the-society/bls-bulletin>

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Journal: *Lichenology*, web-page: <http://www.lichenology-jp.org/index.php/en/journal/>

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Journals: *Buxbaumiella* and *Lindbergia*, web-pages: www.buxbaumiella.nl (open access) and www.lindbergia.org (open access)

Nordic Countries: Nordic Lichen Society (Nordisk Lichenologisk Förening, NLF). President: Ave Suija, e-mail: ave.suija@ut.ee, web-page: <http://nhm2.uio.no/lichens/nordiclichensociety/>
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Journals: *Evansia*, web-page: <http://www.bioone.org/loi/evia>; and *The Bryologist*, web-page: <http://www.bioone.org/loi/bryo>

North America, Northwest: Northwest Lichenologists (NWL). Info: Bruce McCune, contact e-mail: bruce@salal.us, web-page: <http://www.nwlichens.org>
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The cover-page illustration

Siphulella coralloidea Kantvilas, Elix & P. James on a steep bank of soil and rock, Sawback Range, south-west Tasmania (Photo: Gintaras Kantvilas).