

INTERNATIONAL LICHENOLOGICAL NEWSLETTER

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The opinions expressed in the *Newsletter* are not necessarily those held by
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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. There is a listserv that enables on-line discussion of topics of interest. Webpages devoted to lichenology are also maintained by members of the Association. People wishing to renew their membership or become members of IAL are requested to pay their membership fee (one payment of 40 USD for 2016-2020) using PayPal or by bank transfer. All details available at <http://www.lichenology.org/>.

The **International Lichenological Newsletter** is the official publication of IAL. It is issued twice a year (July and December) in English. The *Newsletter* is also available on the Internet. 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. When the material exceeds the available space, the Editor will prepare a summary, on prior agreement with the contributors.

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 IAL8 Symposium (Helsinki, Finland, 2016) are listed below, and will serve until 2020.

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ASSOCIATION NEWS

LETTER FROM THE PRESIDENT

Dear IAL Members!

2019 is an important year for our Association, as it is our 50th anniversary. The IAL was formally inaugurated in 1969. As for many other societies, the exact year for the start may be debated, as at least discussions on starting an international lichen association was conducted as early as 1964, and the Newsletter (together with some preliminary societal functions) took off in 1967. But in 1969, the IAL was finally established at the 11th IBC in Seattle and a first Council was elected. We intend to celebrate our jubilee in the next issue of the Newsletter!

2019 is a year full of planning. Our colleagues in Brazil have, together with the Scientific Committee, been working hard on the preparations for the IAL Conference that will be held in Bonito in August 2020. This is reported on elsewhere in this Newsletter. Please observe that the registration has already opened! 12 symposia organised under four broad headings have already been formed, but note that there will also be room for talks outside these areas, as six further symposia will be organised based on what titles are actually submitted. We can thus look forward to an exciting meeting, and I hope to meet many of you there next year! At the Conference, the IAL will hold our General Meeting and elect a new Council—the Nomination Committee will send out a call for nominations later this year. Finally, the IAL have six Awards, and the recipients of these will be presented at the General Meeting. Information about nominations to the IAL Awards will also follow later this year.

Here in northern Europe summer has just begun and like many of you, I am looking forward to my summer vacation and a chance to, again, spend more time outdoors and explore Nature. Many of the more interesting sites that I wanted to visit close to my property in the deep woods of mid-Sweden are still impossible to go to after last summer's huge forest fires. It is difficult to predict how the coming summer will be, but as the start has been considerably cooler and wetter than last year in "my" areas of Sweden, so far so good.

Finally, I want to remind you all again about making sure that you have paid your IAL dues for the current period (2016-2020). Unfortunately, we have been forced to temporarily remove our list of members from the IAL website due to the GDPR changes in the European Union until we have collected permissions from members that your membership status is available online. This is on its way to be solved, but it is at the moment of writing still difficult for you to check your membership status. If you are uncertain about if you have paid your dues, please contact Andreas Beck <beck@bsm.mwn.de>! We want you all to continue being members, and the IAL and our possibilities to be a strong voice for lichenology depends on our members!

All best wishes and I hope that you all will enjoy a great summer!

Mats Wedin, IAL President

NEWS

UPDATES REGARDING THE NEXT IAL MEETING IN BONITO, BRAZIL



DATES: 2–7 August 2020 (opening ceremony on Sunday evening)

WEBSITE: www.boineventos.com.br/ial9

VENUE: Bonito Convention Center (<http://www.ccbonito.com.br/en/index.html>)

SOCIAL MEDIA: @IAL9Brazil (Facebook, Instagram, Twitter)

IMPORTANT DATES:

- Registration is **NOW OPEN!**
- Abstract Submission: **01/Aug/2019 until 15/Nov/2019**
- Selected Presentations Announced by: **31/Jan/2020**

REGISTRATION FEES: Prices until 31/ Oct/2019 (for prices after this date please see website)

Professionals \$350

Postdoctoral Researchers \$300

Graduate Students (MSc/PhD) \$250

Undergraduate Students \$200

All above prices are for IAL members. If you are not a member, please add \$50 to the price.

Registration Fee Includes: coffee breaks, lunches, social opening event (Sunday), IAL dinner party (Thursday; usually paid separately, but included here) and congress kit.

Students: You can also sign up for the student social (\$10) on Wednesday evening.

Extras: When registering, you will have a chance to donate money (\$10+) towards bringing Latin American students to the meeting. This is entirely optional.

OFFICIAL EVENT TRAVEL AGENCY (OPTIONAL): <https://eventos.h2oecoturismo.com.br/IAL9/en>

We have partnered with a local travel agency to offer different travel packages for your attendance to IAL9. When you click on the link above, for example, you can already choose amongst 8 different hotels and 16 tours (half and full day trips, starting at R\$50), etc. They will work with you to purchase your perfect visit, including discounted air tickets. But this is just a suggestion! You are welcome to make your own arrangements for accommodation, airfare and travel plans – the city of Bonito has many options for lodging and activities.

SYMPOSIA – 12 two-hour symposia were accepted, divided into four main broad topics:**COMPLEXITY OF THE LICHEN SYMBIOSIS**

- Ecology, evolution and diversity of lichen algae. *Andreas Beck & Eva Barreno*
- Eco-evolutionary dynamics of symbiotic interactions. *Nicolas Magain & Garima Singh*
- Lichen-associated microorganisms. *Lucia Muggia & Sergio Pérez-Ortega*

ORIGINS AND QUANTIFICATION OF LICHEN EVOLUTION

- Macroevolution of lichens. *François Lutzoni & Pradeep Kumar Divakar*
- Genomics and bioinformatics. *Silke Werth & Philipp Resl*
- New approaches to harness genetic data from herbarium specimens. *Cecile Gueidan & Manuela Dal Forno*

THE WORLDWIDE PICTURE OF LICHEN DIVERSITY

- Biodiversity of Neotropical lichens. *André Aptroot & Lidia I. Ferraro*
- New developments in the taxonomy of the Lecanoraceae. *Christian Printzen*
- Paleotropical lichens. *Ulla Kaasalainen & Paul Kirika*

LICHEN PHYSIOLOGY, ECOLOGY AND CONSERVATION BIOLOGY

- Progress in classical and genomic aspects of lichen secondary chemistry. *Edit Farkas & Daniele Armaleo*
- Lichens as invaders of rocks and control strategies. *Sergio Enrico Favero Longo & Asuncion De Los Ríos*
- Lichens and climate change: a multi-scale challenge. *Christopher Ellis & Paolo Giordani*

Beyond the selected above symposia, there will be **SIX MORE SYMPOSIA** based entirely on groupings of presentations we will receive from the regular abstract submission. All symposia will be the same length (2-hours) and have the same number of speakers (6), resulting in a standard 20-minute presentation format. The above symposia will have four invited speakers by the organizers and two more speakers selected based on the review of submitted abstracts. We will also include in the program **SIX BLOCKS OF LIGHTING TALKS** – one-hour slots with multiple short presentations (less than 10 minutes each). You will have a chance to choose which format you wish to present when submitting your abstract.

FIELD TRIPS NEWS

We are currently preparing several post-congress excursions for you to choose from. While the details of the trips are still being finalized, we can anticipate how the collecting and shipping of the material will take place. Most field trips will be organized by two lichenologists in collaboration with local travel agencies. They may vary in length and price depending on lichen richness, distance, air fare costs, etc. All visited places will require a collecting permit, but the organizers of the trip will handle that paperwork. However, we will need your information ahead of time to be listed under that permit, and you will have to sign a document stating you understand the process and will abide by the new biodiversity law under current Brazilian legislation. This means you will collect specimens, make duplicates, organize the material to be sent out, and sign a Material Transfer Agreement (MTA) between involved institutions, so the material can be legally sent out to

your institutions at a later date as a gift. We are happy to provide copies of this MTA ahead of time, so you can be as prepared as possible to collect lichens during your field trip in Brazil. More details will be posted and sent to those who sign up for the field trips.

For more information, please don't hesitate to reach out to us via social media or email (manudalforno@hotmail.com or mscaceres@hotmail.com). See you soon!

*Manuela Dal Forno, Marcela Cáceres & Mats Wedin
Members of the IAL9 Organizing Committee*

UPCOMING ACTIVITIES OF INDIAN LICHENOLOGICAL SOCIETY, LUCKNOW

Workshop on conservation assessment of lichen species preferred in trade as per IUCN guidelines, India - at CSIR-National Botanical Research Institute, Lucknow on 11th July 2019.

Over-exploitation of lichens for the perfume and spice industries have become a major threat to lichen diversity in India. In spite of the fact that considerable information on diversity and distribution exists for India, lichens are not been adequately assessed for their conservation status as per IUCN guidelines. In light of this, the ILS has organized a workshop with subject specialists to evaluate and assign IUCN conservation status to lichen species especially used in trade. This exercise is also a part of Ph.D. dissertation of Ms. Sahaj Kaur, registered at TERI School of Advanced Studies, New Delhi.

Workshop on identification, bioprospecting and conservation of lichens – at Bharathiar University, Coimbatore during 12 – 13th September 2019, in collaboration with CSIR-National Botanical Research Institute, Lucknow and Indian Lichenological Society.

Lichen research in India is now becoming popular. To meet the demand of people needing orientation in lichen research, regional-level meetings are being organized. In this two-day workshop several current topics on lichenology will be dealt with, including collection and herbarium techniques; identification by conventional, molecular and image processing techniques; classification and nomenclature; digitalization and database; chemistry and bioprospecting; conservation through *in situ* and symbiont culture; lichenicolous and endolichenic fungi; and ecology and phytogeography.

Field-based hands-on training on collection, preservation and identification of lichens – at Strabo Pixel Club, Sattal, Uttarakhand during 28th September - 5th October 2019, in collaboration with CSIR – National Botanical Research Institute, Lucknow.

The workshop aims at providing hands-on training on lichen collection and identification to a limited number of young researchers, especially those in regular positions at universities and colleges, who can establish lichen research centres at their organization. The location of the training is in the middle of the temperate forest, which will enable the participants to have direct experience in collecting and identifying lichens in nature. The following topics will be covered during the training: general and applied aspects of lichenology; collection and preservation; identification of different groups; molecular techniques and phylogeny; biogeography and GIS tools; guidance with lichen research manuscript and project proposal writing.

*Sanjeeva Nayaka
Secretary, ILS
nayaka.sanjeeva@gmail.com*



MEETING OF THE NORDIC LICHEN SOCIETY (NLS) AUGUST 5-10, 2019, ESTONIA

The next Nordic Lichen Society meeting in Estonia is approaching and we have created a web page <https://sisu.ut.ee/nlsm2019> to share all the necessary information concerning the meeting, including timetable, accommodation, travel options and registration. The meeting will take place in the southwestern part of Estonia and we will visit several lichenologically unique and interesting places, including two Estonian islands – island Kihnu and island Muhu.

There is also a great opportunity to participate in a workshop about “yellow and sterile lichens” held by Martin Kukwa from Gdansk University. If you have any critical material from this group, please take it with you. If possible, perform a TLC analysis prior the meeting and take photographs of TLC plates with you, as there is no possibility for TLC analyses on-site. Some hints for optimizing TLC for the detection of xanthenes will be given on meeting’s website. In the evenings, we will be able to perform microscopy in a special room at the meeting place equipped with stereo and light microscopes, chemicals, and relevant literature for working with specimens.

The participation fee is 350 euros and that covers 5-days accommodation (including breakfast), dinner, packed lunch, and the NLS dinner on Friday. All transportation is covered by The Estonian Gambling Tax Council. The details for bank transfer will be given upon registration; tick the relevant checkbox if you need an invoice.

If you have any questions, please do not hesitate to contact Ave Suija (ave.suija@ut.ee) or anyone on the organizing team.

The organizing team:

Ave Suija, Inga Jüriado (inga.juriado@ut.ee), Piret Lõhmus (piret.lohmus@ut.ee) and Polina Degtjarenko (polina.degtjarenko@ut.ee).

THE AUGUSTIN-PYRAMUS DE CANDOLLE 2020 PRIZE



Founded in 1791

The Société de Physique et d'Histoire naturelle (SPHN) of Geneva is pleased to announce the award of the Augustin-Pyramus de Candolle Prize in 2020. This prize recognizes the author of the best treatment of a taxonomic group of plants, algae or fungi. The intent of the prize is to encourage and foster the publication of monographic treatments in vegetal taxonomy, preferably by scientists still in an early stage of their career.

The submitted work should be a complete coverage of the treated group, namely its arrangement in a system of hierarchical classification. It should follow the integrated taxonomy approach, including descriptions of morphological and anatomical characters, physiology, chemistry, ecology and molecular phylogenetics.

Complete bibliography, critical synonymy and identification keys are required. The work should comply with the International Code of Nomenclature.

The work may consist of a single monograph or of a series of papers on the same group. In this case, the candidate must be the author or the first author of the phylogeny and taxonomy work. Submitted works should be unpublished or published after April 30th, 2016.

The prize is open to authors of all nationalities. The text, however, must be written in French, English, Spanish or Portuguese. A summary of the monograph, of no more than 4000 words, must be written in English or French. The work should be received before September 1st, 2019 along with its summary and author's curriculum vitae, as electronic files uploaded at the following URL <https://vdgbox.ville-geneve.ch/index.php/s/X2FDnKZZCCZDjNk>, or as printed volume(s), in two copies, to the following address:

Augustin-Pyramus de Candolle Prize
Conservatoire et Jardin botaniques de la Ville de Genève
Case postale 60
CH-1292 Chambésy
Switzerland

The 2020 de Candolle Prize of CHF 5000, will be awarded in Geneva, early in 2020, in the presence of the winner, invited by the SPHN to attend the ceremony. For more details, please contact the Prize Secretary, Philippe Clerc at philippe.clerc@ville-ge.ch.

For information on the history of the Prize, consult www.unige.ch/sphn/Prixetbourses/

The President of the SPHN

THE INTERNET PROJECT "CHECKLISTS OF LICHENS" EXCEEDS 850 GEOGRAPHICAL LISTS AND 10000 SPECIES DESCRIPTION FILES

Currently, lichen checklists of 854 geopolitical units, comprising 195 countries, 381 subdivisions of countries, i.e. states, provinces, territories a.o. and 278 islands, are offered in the internet. This collection of checklists was started in 1997 by T. Feuerer (Biocentre Klein Flottbek, University of Hamburg) with 18 flat files of national lists. Since then, the number of lists has been enlarged by contributions of 43 authors from 17 countries. The lists can be queried for distribution data via a MySQL database

(URL: http://www.lichens.uni-hamburg.de/lichens/portalpages/portalpage_checklists_switch.htm).

A second, related database, also online, contains more than 10000 species description files, contains information on lichen substances and the whereabouts of types. The lichen checklists have been created to enable highly complex biodiversity evaluations by the Lichenological Working Group in Hamburg.

For cooperation with the aim of joint publication, please contact:
Dr. T. Feuerer, Herbarium Hamburgense (tassilo.feuerer@gmx.de).

Tassilo Feuerer

OBITUARY

JOHANNES KNOPH (1951-2019)



On January 29th, 2019, the lichen taxonomist Dr. Johannes Knoph died in Berlin, Germany, after a long disease. He was a pupil of the Lecideaceae specialist Prof. Hannes Hertel at the Ludwig-Maximilians-University of Munich, Germany, where he finished his Mr. degree with the thesis ("Diplomarbeit") "Vorarbeiten zu einer Monographie der euthallinen Arten der Flechtengattung *Porpidia* (Porpidiaceae, Lecanorales) Europas, mit besonderer Berücksichtigung des Alpengebietes" in 1984. Afterwards he went to Berlin, where he worked in the research group of the lichen chemotaxonomist Prof. Christian Leuckert at the Free University. Here he successfully defended his PhD thesis "Untersuchungen an gesteinsbewohnenden xanthonhaltigen Sippen der Flechtengattung *Lecidella* unter besonderer Berücksichtigung von außereuropäischen Proben exklusive Amerika" in 1989. He is best known for his work on the chemotaxonomy of the genus *Lecidella*, where he reshaped the species concepts and introduced various new species. From 1997 to 2003, he was scientific collaborator at the Friedrich Schiller University of Jena, involved in teaching. Afterwards he suffered a disease which increasingly reduced his research capacity. A more detailed obituary, with a complete list of publications, will appear in the journal *Herzogia*.

Harrie Sipman, Berlin

PERSONALIA

ROMAN TÜRK AWARDED SPECIAL FORESTRY PRIZE IN AUSTRIA

In May 2019, the Josef Ressel Prizes (Josef-Ressel-Forstpreis) were awarded at the meeting of the Verein zur Förderung des Forstwesens (Austrian Association for the Promotion of Forestry) at a monastery Seckau in Styria, Austria. There, Elisabeth Köstinger, the Austrian Minister for Sustainability and Tourism, awarded a special Josef-Ressel-Forstpreis to Roman Türk. Roman was honored for special services to Austrian Forestry, among other things, because he is a leading figure in lichen research and has provided important insights into forest damage research.



(Right to left) Roman Türk (right), Elisabeth Köstinger (centre) Austrian Minister for Sustainability and Tourism, and Nora Türk (left) the wife of Roman, at the awarding ceremony (*Quelle: BMNT, Photo: Paul Gruber, <https://www.bmnt.gv.at/service/fotoservice.html>*).

Roman was Associate Professor of Ecology and Ecophysiology of Plants at the University of Salzburg until his retirement. Roman is well known for his knowledge of lichens and has a substantial publication record. However, he is also much appreciated in Austria for his numerous outreach activities, including many talks and presentations to local groups and national media. In 2011, he was elected President of the Austrian Nature Conservation Union (Österreichischen Naturschutzbundes) and, since then, has become well-known for his enthusiastic work for this 80000-member organisation. Since 2014 he has been a member of the European Academy for Science and Art.



The logo of the Naturschutzbund Österreich, of which Roman is President.

Roman initiated the mapping of lichens in Austria, which led to intensive involvement with the lichen flora in Vorarlberg, Carinthia, Salzburg, Upper Austria, Lower Austria and Vienna with numerous new discoveries and several books published on this work. In recent years, he has drawn attention to the new “lichen death zone” on the northern slopes of the Austrian Alps. It is well-known that European lichens suffered badly from high atmospheric sulphur dioxide levels, but this problem



Roman at Juan Carlos I, the Spanish Antarctic station (Photo: Allan Green).

has effectively disappeared in the past decade. However, in the alpine forelands a new pollutant—eutrophication through nitrogen deposition—has appeared, resulting in the almost complete loss of cyanobacterial lichens as well as extensive damage to other species. The pollutant is sourced from car traffic and other sources, mainly in countries to the north of Austria.

In the last ten years of his research at the University of Salzburg he has worked on the lichen flora in the Antarctic, the desert areas of North America, in South America, New Zealand, as well as in the alpine to nivalen zone of the Alps. A long-term research project at the Salzburg National Park Fund in cooperation with the University of Salzburg has recently been completed with a new book about lichens in the Hohe Tauern National Park.

Thomas Allan Green

AYANA’S YOUNG INTERVIEW WITH KERRY KNUDSEN

Kerry Kent Knudsen works at the University of Life Sciences in Prague. Kerry and his wife, Jana Kocourkova, have begun a four-year project working on lichen biodiversity in the Chihuahuan Desert in New Mexico. To learn more about this project, listen to the podcast:

For The Wild: <http://forthewild.world/listen/kerry-knudsen-on-lichen-and-life-after-capitalism-116>

The Editor

LIST OF SOCIETIES

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

Brazil: Grupo Brasileiro de Liquenólogos (GBL). Info: Marcelo P. Marcelli, Instituto de Botânica, Seção de Micologia e Liquenologia, Caixa Postal 4005, São Paulo – SP, Brazil 01061-970. Fax: (+55)-11-6191-2238, phone: (+55)-11-5584-6304 (institute), 218-5209 (home), e-mail: mpmarcelli@msn.com

Central Europe: Bryologisch-lichenologische Arbeitsgemeinschaft für Mitteleuropa (BLAM). Contact: Volker John, Pfalzmuseum für Naturkunde, Hermann-Schäfer-Straße 17, D-67098 Bad Dürkheim, Germany, e-mail: V.John@pfalzmuseum.bv-pfalz.de, web-page: <http://blam-bl.de/>
Journals: *Herzogia*, *Herzogiella*, web-page: <http://www.blam-hp.eu/herzogia.html>

Colombia: Grupo Colombiano de Liquenología (GCOL). Info: Bibiana Moncada. E-mail: bibianamoncada@gmail.com; web page: <http://grupocolombianodeliquenologia.blogspot.com/>

Czech Republic: Bryological and Lichenological Section of the Czech Botanical Society. Chairperson: Svatava Kubešová, e-mail: svata.kubesova@gmail.com, web-page: <http://botanika.bf.jcu.cz/bls/english/index.html>
Journal: *Bryonora*, web-page: http://botanika.prf.jcu.cz/BLS/bryonora_en.php

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

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

Finland: Lichen Section, Societas Mycologica Fennica. C/o: Botanical Museum (Lichenology), P.O. Box 7, FI-00014, Helsinki University, Finland. Info: Teuvo Ahti, e-mail: teuvo.ahiti@helsinki.fi
Journal: *Karstenia*, web-page: <http://www.karstenia.fi/index.php>

France: Association française de Lichénologie (AFL). Président: Jean-Pierre Gavériaux, e-mail: jp.gaveriaux@numericable.fr, web-page: <http://www.afl-lichenologie.fr>
Bulletin: *Bulletin d'Informations de l'Association française de lichénologie* (deux Bulletins annuels), web-page: http://www.afl-lichenologie.fr/Afl/Publications_afl.htm

Great Britain: The British Lichen Society (BLS). C/o: Department of Botany, The Natural History Museum, Cromwell Road, London SW7 5BD, UK. President: Dr. A. Pentecost. Secretary: P.A. Wolseley. For membership go to <https://my.britishtichensociety.org.uk/>, Society web-page: www.britishtichensociety.org.uk/
Journal: *The Lichenologist* (accessible via Cambridge Core <https://www.cambridge.org/core/journals/lichenologist>); *British Lichen Society Bulletin*

India: Indian Lichenological Society. Address for correspondence: Lichenology Laboratory; CSIR-National Botanical Research Institute; Rana Pratap Marg, Lucknow-226001, U.P., India. President:

Dr. D.K. Upreti. Secretary: Dr. Sanjeeva Nayaka, e-mail: indianlichenology@gmail.com, webpage: <http://www.indianlichenology.com>

Italy: Società Lichenologica Italiana (SLI). President: Sonia Ravera, via del Labaro 54, I-00188 Roma, e-mail: presidente@lichenologia.eu, web-page: <http://www.lichenologia.eu/>
Journal: *Notiziario della Società Lichenologica Italiana* (in Italian), web-page: http://www.lichenologia.eu/index.php?procedure=pubbl_not

Japan: The Lichenological Society of Japan (LSJ): President: Hiromi Miyawaki, e-mail: miyawakh@cc.saga-u.ac.jp, web-page: <http://eng.lichenjapan.jp/>
Journal: *Lichen*, web-page http://lichenjapan.jp/?page_id=19
The Japanese Society for Lichenology (JSL). President: Kunio Takahashi, contact email (secretary): kawahara@kansai-u.ac.jp, web-page: <http://www.lichenology-jp.org/index.php/en/>
Journal: *Lichenology*, web-page: <http://www.lichenology-jp.org/index.php/en/journal/>

The Netherlands: Dutch Bryological & Lichenological Society (Bryologische +Lichenologische Werkgroep, BLWG). Contact: L.B. (Laurens) Sparrius, contact e-mail: sparrius@blwg.nl, web-page: <http://www.blwg.nl>
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/>
Journal: *Graphis Scripta*, web-page: see NLF web page

North America: American Bryological and Lichenological Society, Inc. (ABLS). President: Catherine LaFarge, contact e-mail: clafarge@ualberta.ca, web-page: <http://www.abls.org/>
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>
Newsletter: *Northwest Lichenologists Newsletter*, web-page: <http://www.nwlichens.org>

North America, California: The California Lichen Society (CALs). President:, contact e-mail: president@californialichens.org, web-page: <http://californialichens.org/>
Bulletin: *Bulletin of the California Lichen Society*, web-page: http://californialichens.org/?page_id=15

North America, East: Eastern Lichen Network. Info: Marian Glenn, e-mail: glennmar@shu.edu, web-page: <http://www.nybg.org/bsci/lichens/eln/>

Poland: Lichenological Section of the Polish Botanical Society (Polskie Towarzystwo Botaniczne). President: Martin Kukwa, e-mail: dokmak@ug.edu.pl, web-page: <http://www.porosty.varts.pl/>

Slovakia: Slovak Botanical Society – Lichenological Working Group, c/o Institute of Botany, Slovak Academy of Sciences, Dúbravská cesta 9, 841 01, Bratislava 4, Slovakia. Info: Alica Košuthová, e-mail: alica.kosuthova@savba.sk, web-page: <http://sbs.sav.sk/>
Journal: *Bulletin Slovenskej botanickej spoločnosti*, web-page: <http://sbs.sav.sk/SBS1/content.html>; <http://ibot.sav.sk/lichens/>

South America: Grupo Latino Americano de Liquenólogos (GLAL). Info: Susana Calvelo, e-mail: scalvelo@crub.uncoma.edu.ar
Journal: *GLALIA*, web-page <http://nhm2.uio.no/botanisk/lav/RLL/GLALIA/>

Spain: Sociedad Española de Liquenología (SEL). President: Isabel Martínez, e-mail: isabel.martinez@urjc.es, secretary: Sergio Pérez-Ortega, e-mail: sperezortega@rjb.csic.es, web-page: <http://www.ucm.es/info/seliquen/>
Journal: *Clementeana*, web-page: <http://www.ucm.es/info/seliquen/cl.htm>

Sweden: Svensk Lichenologisk Förening (SLF). President: Martin Westberg, e-mail: martin.westberg@nrm.se, web-page: <http://www.sbf.c.se/slf/>
Bulletin: *Lavbulletin*, web-page: <http://www.sbf.c.se/slf/Bulletinen.html>; see also *Svensk Botanisk Tidskrift*, web-page: <http://www.sbf.c.se/index.php?id=122>

Switzerland: Swiss Association of Bryology and Lichenology (BRYOLICH). President: Ariel Bergamini, e-mail: praesidium@bryolich.ch, web-page: http://www.bryolich.ch/index_en.html
Journal: *Meylania*, web-page: http://www.bryolich.ch/meylania/meylania_en.html

Venezuela: Grupo Venezolano de Liquenólogos (GVL). Info: Jesús Hernandez, e-mail: Jeshernandezm@gmail.com, web-page: www.bit.ly/lqvzla

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The cover-page illustration

Carbacanthographis chionophora (Redinger) Staiger & Kalb, (Ascomycota: Ostropales:
Graphidaceae) from Brazil (Photo: Adriano A. Spielmann).