

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 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.

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ASSOCIATION NEWS

LETTER FROM THE PRESIDENT

Dear members of the IAL and friends,

I want to take this opportunity to welcome all new members of the IAL and to thank past members that have renewed their membership recently. I am happy to report that the IAL currently includes 308 members. We are continuing our efforts to reach out to the lichenological communities that are outside Europe and the Americas. If you know someone that is not a member, but would probably like to be a member of the IAL, please reach out to that person. If someone cannot pay the 30 Euro membership fee, please contact Vice President Marcela Eugenia da Silva Cáceres (mscaceres@hotmail.com). The IAL has sponsors that are more than happy to cover that fee, when needed. If you would like to sponsor future members that cannot afford the membership fee, you can do so by visiting the IAL website (<https://ial-lichenology.org/membership/>) and select the "Donate" button, followed by an email to our Assistant Treasurer, Imke Schmitt (imke.schmitt@senckenberg.de) to explain if your donation is for someone in particular or if this is for anyone requesting a sponsorship in the future. Thank you for your support.

As I mentioned in the previous issue of the ILN (July 2023, https://ial-lichenology.org/wp-content/uploads/Issue56_1.pdf), the IAL will be giving several awards at the 12th International Mycological Congress (IMC12; August 11-15, 2024; Maastricht, Netherlands; <https://imc12.org>). Nominations for some of these awards is sometime quite low and can be biased. To help remedy this situation, the IAL Council and associated committees have been establishing a new IAL committee – the Awards Nomination Committee. The mission of this new committee will be to seek and encourage nominations or applications for IAL awards. We hope to have seven members on this committee by mid-January, 2024. This committee is different from the current Nominating Committee, whose mission is to encourage nominations for the election of the next Council Officers, Auditors, and Nominating Committee members. More information about IAL awards for IMC12 are included in this issue of the ILN. We will be providing more information about the IAL dinner at the IMC12 in the June 2024 issue of the ILN.

In addition to the IMC12, I want to highlight the XX International Botanical Congress (IBC 2024, July 21-27, Madrid, Spain). Several symposia are organized by members of the IAL, and will be of interest to lichenologists. More information can be obtained here: <https://ibcmadrid2024.com>.

It is with sadness that I report the passing of two influential lichenologists: Wanda Quilhot, an inspirational lichenologist that established and mentored an entire generation of lichenologists in Chile, and Hörður Kristinsson who pioneered lichenology in Iceland. I did not have the privilege of meeting Professor Quilhot, however, I have a connection with Dr. Kristinsson through his collaboration with Bill and Chicita Culberson at Duke University, and as a host when I visited Iceland during my Ph.D. (early 90's). I remember Hörður being very welcoming and taking the time to share with me his vast knowledge of lichens and plants of Iceland. Two obituaries are included in this issue of the ILN in remembrance of their many contributions to lichenology.

I wish you a relaxing and joyful Holiday Season and a peaceful New Year.

François Lutzoni, Durham, North Carolina

CALL FOR NOMINATIONS AND DEADLINES FOR IAL AWARDS TO BE GIVEN AT THE IMC12

The IAL Council is planning to give the following awards during the 12th International Mycological Congress (IMC12; August 11-15, 2024; Maastricht, Netherlands; <https://imc12.org>). The deadline to submit nominations for these awards is March 15, 2024.

The Acharius Medal is presented in recognition to the life work of distinguished lichenologists. This award was established in 1992.

The **Aino Henssen Award** has been given to prominent researchers early in their career, who have completed a Ph.D. within five years prior to the submission deadline. Nominations for this award should include two letters of support.

The Dharani Awasthi Award is for a prominent young researcher working and living in a low income country, who has completed a Ph.D. within five years prior to the submission deadline. Nominations for this award should include two letters of support.

The **Mason Hale Award** is granted to recognize excellence in research by young lichenologists for outstanding work resulting from doctoral dissertations or similar studies. Only graduate students that defended their dissertation between February 1, 2020, and January 31, 2024 (inclusively) are eligible for this award. Nominations should include a pdf(s) of the nominated thesis/work(s) or a link to a Dropbox account (or similar) where such a pdf is present.

The **Sylvia Sharnoff Education Award** is given to an outstanding educational web page devoted to lichens, prepared by a student or school at pre-university, university, or graduate level (in any language). Any aspect of lichen biology used in an educational program would be acceptable.

To learn more about these awards and to see previous recipients, go to this webpage: <https://ial-lichenology.org/awards/>.

All nominations should be sent directly by e-mail to François Lutzoni (flutzoni@duke.edu) and Lucia Muggia (lucia_muggia@hotmail.com), and should include a detailed justification by the person making the nomination, including a CV and copies of certificates and/or university diplomas where relevant. All nominations must be made by a person other than the one being proposed. To oversee the nomination process and to generate more nominations, the IAL Council will establish a new committee – the Awards Nomination Committee. For full transparency, the members of this new committee will soon be disclosed on the IAL website. Decisions about these awards will be taken by the IAL Council. Please be proactive about this important nomination process.

François Lutzoni, IAL President

REPORTS

WESTERN CANADA IAL FORAY – KANANASKIS COUNTRY, ALBERTA



Field forays are back! IAL wants to expand its member services; encouraging and supporting forays is part of that rejuvenation. To that end, Toby Spribille, Diane Haughland, and Bruce McCune organized the first of what we hope will be many field excursions for members, the inaugural IAL Western Canada Foray. On September 7-10, 2023, 28 attendees met at the University of Calgary's Barrier Lake Field Station, a prime launching point for venturing into the Canadian Rockies. Located 84 km west of Calgary in the Kananaskis region, Barrier Lake Field Station is at the confluence of numerous provincial parks and protected areas. Our ideal and cozy home base provided easy access to a range of habitats such as calcareous and siliceous rock, dry montane forests east of the Continental Divide, and *Bryoria*-rich forests more common west of the Divide. The attendees comprised a diverse group— early enthusiasts, undergraduate and graduate students, devoted admirers, and established researchers.

Upon arrival we assembled for dinner, orientation, and introductions via lightning talks. Many hair lichen moustaches were showcased along with some fascinating research. The next two days we enjoyed breakfast together, packed lunches, divided into groups to embark on field trips led by each organizer, returned for dinner, and spent the evening identifying our collections. All the group meals were lively with lichen conversations in every corner of the dining hall. One morning at my breakfast table, Roger Rosentreter shared that Mason Hale was inspired to use UV light for lichen chemistry and species identification after attending a party thrown by geology students who demonstrated how rock minerals glow under UV light. Roger concluded it was wise to attend parties because you might learn something important.

Here is an overview of the different sites visited on our field trips and some of the lichens encountered:

Day 1 - Diane Haughland guided a group to Elbow Lake and Rae Glacier Trail, Peter Lougheed Provincial Park; these areas featured rockslides, a riparian zone, profuse patches of *Peltigera* spp., and a few populations of *Psoroma hypnorum*. The Toby Spribille group trekked up Jumpingpound Mountain, Kananaskis Country, to roam montane-subalpine-alpine habitat with hummocky meadows, erratic boulders, and rocky slopes. At this locality, Chris Lewis may have collected Alberta's first *Leptochidium*, and hikers enjoyed a bryological interlude with a crowd-pleasing *Buxbaumia* sighting. Bruce McCune traveled with a group to Ptarmigan Cirque, Peter Lougheed Provincial Park, another montane-subalpine-alpine habitat with limestone and siliceous rock, where a variety of alpine lichens were observed such as *Solorina*, *Cetraria ericetorum*, *Thamnolia subuliformis*, and *Vulpicida juniperinus*.

Day 2 - A group journeyed with Diane Haughland to the King Creek Ridge Trail and the Kananaskis Fire Lookout Trail, Peter Lougheed Provincial Park, where they found *Cladonia*, *Solorina crocea*, *Solorina spongiosa*, more *Peltigera*, and a plethora of calicioids. The Bruce McCune crew went to Crane Meadows and Stoney Creek, Kananaskis Country, to peruse sandstone outcrops and a riparian forest populated by *Evernia divaricata* and *Ramalina sinensis*. Toby Spribille's team wandered around the talus slopes and cliffs at Sibbald Cliffs, Kananaskis Country, and a riparian forest at Jumpingpound Creek, Dawson Provincial Recreation Area. At the Sibbald Cliffs, the diversity of lichens was phenomenal. Notable species there included *Heterodermia japonica*, *Spilonema revertens*, *Psorula rufonigra*, *Leptogium saturninum*, *Fuscopunnaria* spp., *Dactylina ramulosa*, *Chaenotheca furfuracea*, *Lobaria pulmonaria*, and *Dimelaena oreina*.



A horde of lichen hounds ready to embark into Kananaskis Country (Photo: David Díaz Escandón)

Back row: Alejandro Huereca Delgado (University of Alberta), Arseniy Belosokhov (University of Alberta), Emilie Porter (University of Alberta), Heather Stewart-Ahn (Eastern Washington University / Spribille Lab), Toby Spribille (University of Alberta), Bruce McCune (Oregon State University), Seth Raynor (University of Colorado Boulder), Britton McNerlin (University of Alberta), Andrew Simon (University of British Columbia), Randal Mindell (British Columbia), Troy McMullin (Canadian Museum of Nature), Diane Haughland (Alberta Biodiversity Monitoring Institute, University of Alberta), Chris Lewis (Government of British Columbia).

Middle row: Tracy Thai (University of Alberta), Roger Rosentreter (Boise State University), Haley Lacza (University of Alberta), Eva Ullstrom (University of Victoria), Christine Rimmington (Northwest Lichenologists), Grace Gilker (Texas), Jude Bibkewich (University of Alberta), Paula Bartemucci (Gentian Botanical Research), Steve Selva (University of Maine at Fort Kent), Jose Maloles (Alberta Biodiversity Monitoring Institute, University of Alberta), Zane Walker (Oregon State University).

Front row: Rebecca Innes (University of Alberta), Heather Magusin (British Columbia), Jen Weil (University of California Davis), David Díaz Escandón (University of Alberta).



Two lichen seekers deep into their lichen-gazing atop Jumpingpound Mountain (*Photo: Haley Lacza*)



Each day in the field was complimented by identifying lichens late into the night (*Photo: Toby Spribille*)



Little lichen hunters roaming the Ptarmigan Cirque, Peter Lougheed Provincial Park (Photo: Emilie Porter)



Looking for lichens along the King Creek Trail, Peter Lougheed Provincial Park (Photo: Grace Gilker)



Bruce McCune ecstatic to be eyeing lichens and views of the Canadian Rockies (Photo: Heather Magusin)



Lunch at the head of the Kananaskis Fire Lookout trail (Photo:Diane Haughland)

From right to left: Grace Gilker, Jose Maloles, Emilie Porter, Heather Magusin, Haley Lacza, Jude Bibkewich, Rebecca Innes.

After our final dinner together, some attendees meandered out to the lawns to see a rare lichen for Alberta, *Squamarina lentigera*, occurring handily on the Barrier Lake Field Station premises. The next morning, we enjoyed breakfast, bid farewell, and traveled home.

The organizers thank everyone for their engagement and generosity. All the enthusiasm, knowledge sharing, and mentorship warmed our lichen-loving hearts. In sum, the IAL western Canada foray was a wonderful event enjoyed by all attendees. We were graced by perfect weather, enchanting scenery, captivating lichens, and joyous community.

Heather Stewart-Ahn

31ST MEETING OF THE POLISH BOTANICAL SOCIETY LICHENOLOGICAL SECTION

The 31st Meeting of Polish Lichenologists, under the auspices of the Lichenological Section of the Polish Botanical Society, took place on September 11-14, 2023. The meeting was organized by Katarzyna Szczepańska, Jacek Urbaniak and Agnieszka Woś from the Department of Botany and Plant Ecology, Wrocław University of Environmental and Life Sciences in cooperation with Monika Dimos-Zych from the Regional Directorate for Environmental Protection in Wrocław. The meeting took place in the beautiful mountain town – Międzygórze, located in southwestern Poland, in the Eastern Sudetes at the foot of the Śnieżnik Kłodzki Mountain. The event was attended by 34 lichen enthusiasts, including researcher at Polish universities, amateurs, and students. The youngest participant of the conference was one-year-old Amaya Flakus. During the one-day plenary session,



Participants of the 31st Lichenological Section of the Polish Botanical Society Congress (Photo: Dariusz Kubiak).

12 lectures were delivered and six posters were presented. The topics of the speeches included contemporary research directions in Polish lichenology; challenges, difficulties and successes. In the evening, participants visited Międzygórze and listened to the guide's extraordinary stories about the history and monuments of this place. The night passed traditionally with conversations in a circle and singing until the morning accompanied by a guitar. On the second day of the conference, there was a trip including a visit to an inactive uranium mine located in the Kleśnica Valley, as well as geological workshops. During the workshops, lichenologists armed with hammers searched for valuable minerals such as purple amethyst, blue fluorite, milky quartz or green malachite. It was a great time, full of laughter and fun. During the meeting, the 40th anniversary of the activity of the Lichenological Section of the Polish Botanical Society was also celebrated. The evening was spent talking and eating delicious cake.



Plenary session (Photo: Rafał Szymczyk).



Visiting of the Międzygórze town (Photo: Rafał Szymczyk).



Uranium mine in the Kleśnica Valley (Photo: Dominika Potrzęsaj).



Geological workshops (Photo: Dariusz Kubiak)



40th anniversary of the Lichenological Section of the Polish Botanical Society celebration (Photo: Dominika Potrzásaj).

Unfortunately, the 32nd meeting will not take place until next year...

Katarzyna Szczepańska

NEWS

THE FOURTH LICHEN PHOTOBIONT WORKSHOP

After 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. Please send your initial applications for participation by indicating in your e-mail your data (name, institution) and the type of your contribution, if any (poster or oral presentation are welcome), by the end of February 2024. Correspondence can be sent to beata.guzow-krzeminska@ug.edu.pl or martin.kukwa@ug.edu.pl with the subject "Fourth Lichen Photobiont Workshop".

Beata Guzow-Krzemińska & Martin Kukwa

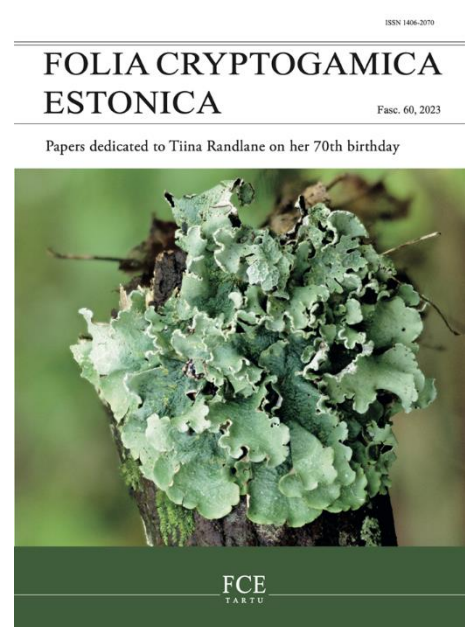
NEW BOOKS AND PUBLICATIONS

THE SPECIAL ISSUE OF FOLIA CRYPTOGAMICA ESTONICA IS PUBLISHED!

The 60th issue is dedicated to the lichenologist Assoc. Prof. Tiina Randlane on her 70th birthday
<https://ojs.utlib.ee/index.php/FCE>

This collection of articles is prepared by admiring colleagues and friends who wished to pay tribute to Tiina and celebrate this remarkable occasion. Tiina is an esteemed researcher who has been a leader of Estonian lichenology for many years. Tiina served as a member of the Editorial Board of FCE from 1996 to 2020. Since 2020, she has been an associate editor of the eminent scientific journal, The Lichenologist. Her great contribution to lichenology also includes the organization of IAL5 in Tartu in 2004. Read more about Tiina in our Editorial "A tribute to Tiina Randlane on her seventieth birthday!":
<https://ojs.utlib.ee/index.php/FCE/article/view/23261>

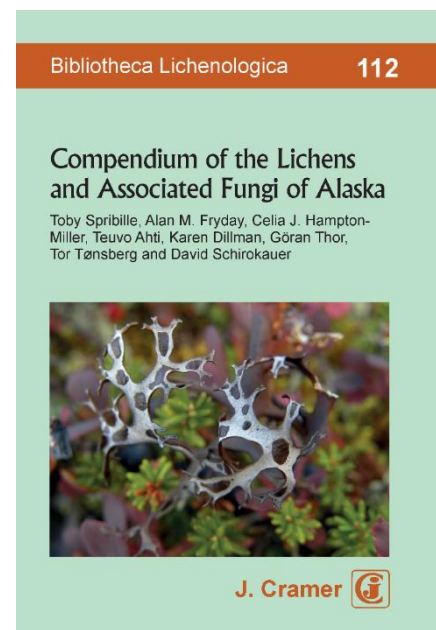
This special issue contains 11 research papers, an editorial and a note. Authors present descriptions of 11 species new to science, including the commemorative taxa *Lepraria tiinae*, *Leptogium tiinae* and *Pyxine tiinae*. The hard copy of the issue will be ready in December. Enjoy the reading!



Sincerely yours,
 Polina Degtjarenko
 Editor-in-Chief of FCE
 Tartu, Estonia

Toby Spribille; Alan M. Fryday; Celia J. Hampton-Miller; Teuvo Ahti; Karen Dillman; Göran Thor; Tor Tonsberg; Dave Schirokauer (2023) *Compendium of the Lichens and Associated Fungi of Alaska*. 524 pages, Bibliotheca Lichenologica, Band 112, ISBN: 978-3-443-58093-3, paperback, 99.00 €

Further information to the print edition and Open Access:
<https://www.schweizerbart.de/9783443580933>



OBITUARIES

WANDA QUILHOT PARRA 1929-2023



During the early morning on September 28th, we mourned the passing of a distinguished researcher and treasured friend, Professor Wanda Quilhot Parra, who gracefully concluded her journey at the age of 94. Born in 1929 in Concepción, Wanda's life unfolded against the backdrop of both personal triumphs and health challenges, shaping her into an indomitable force within the academic realm.

Her educational odyssey, though delayed by health setbacks, bore testament to her unyielding determination. Completing her secondary education at the age of 24, Wanda's academic prowess shone brightly as she earned the highest grade in Humanities with a specialization in Biology. In 1959, she proudly obtained the professional title of state teacher in biology and chemistry from Universidad de Chile.

Wanda's professional path led her to the Institute of Zoological Research at the University of Chile, where, from 1957 to 1959, she served as an assistant in Hydrobiology courses under the tutelage of Professor Nivaldo Bahamondes. Subsequently, in 1960, she found her home at the University of Valparaíso as a chemistry assistant at the Montemar Marine Biology Station.

The 1960s saw Wanda don various teaching hats in the fields of Botany, Plant Physiology, and Pharmacognosy. However, it was in the late '60s that she unearthed her true passion: the intricate study of the chemistry and diversity of Chilean lichens.

Guided by the eminent Dr. Jorge Redón, Wanda embarked on a scholarly journey that spanned biogeography, conservation, secondary chemistry, and bioindication. Her contributions left an indelible mark on the understanding of Chilean lichens, as evidenced by an extensive body of publications that continues to influence succeeding generations.

Wanda's impact transcended her individual achievements. She cultivated a thriving community of scholars through the formation of a multidisciplinary working group, a testament to her commitment to advancing lichen research. Colleagues and friends, including Marissa Piovano, Ernesto Fernández, María Eliana Hidalgo, Mauricio Cuellar, Rodrigo Díaz, and Cecilia Rubio, found inspiration and camaraderie within this intellectual haven.



Wanda Quilhot visiting Isla Mocha reserve in October 2009 (Photo: Cecilia Rubio)

For those fortunate enough to have shared the sanctum of Wanda's laboratory, her guidance was a beacon of knowledge. Her extensive collection of reprints and publications, often gifted by the



Wanda Quilhot being named emeritus professor at the University of Valparaíso, 2018 (Universidad de Valparaíso) (Photo: Cecilia Rubio)

authors themselves, spoke volumes about her influence in the scientific community. The stories of her travels across every corner of Chile, shared generously with all who would listen, added a rich tapestry to the hours spent in her cherished herbarium.

Wanda's legacy extends beyond borders. Colleagues from global institutions have echoed tales of her generosity, support, and eagerness to assist whenever called upon. Her absence leaves a profound void, keenly felt by those who traversed the corridors of her laboratory and reveled in the adventure of studying the lichens she held dear.

Yet, even in her physical absence, Wanda Quilhot Parra's legacy stands as a testament to a life lived with passion, resilience, and a profound dedication to the pursuit of knowledge. Her impact will endure as a guiding light for future generations of researchers, ensuring that her contributions to the field of lichenology remain a lasting tribute to a remarkable scholar and friend.

*Reinaldo Vargas,
Herbario Federico Johow,
Universidad Metropolitana de Ciencias de la Educación, Chile*

HÖRÐUR KRISTINSSON **1937-2023**



Hörður Kristinsson has passed away. Hörður laid the foundation of lichenological studies in Iceland and was also an important vascular plant botanist.

Hörður studied at the Georg August Universität (Göttingen, Germany) from 1958 to 1962. After spending one year (1962-1963) teaching in Iceland, he returned to Göttingen and finished his Dr. rer. nat. in Mycology in 1966. After returning to Iceland, he got involved in lichen studies in connection with the appearance of the volcanic Surtsey island off the south coast. There, his cooperation with William Culberson began, and he received a grant to collect lichens in Iceland and work with the specimens at Duke University in North Carolina. Hörður stayed in North Carolina from 1967-1970 and worked there with the extensive collections of lichens he made in Iceland during the summers of 1967 and 1968—many of which are deposited at DUKE. Hörður then moved back to Akureyri and worked at the Akureyri Museum of Natural History from 1970 to 1977. He was a professor of Botany

at the University of Iceland in Reykjavik for the next decade (1977-1987), when he again moved back to Akureyri and was director of the Natural Institute of Northern Iceland, which became part of the Icelandic Institute of Natural History in 1994. He worked at the institute until his retirement in 2007. Although retired, Hörður continued his studies on lichens and vascular plants, and frequently sat at his station at the botany lab at the institute.

Hörður always dedicated part of his free time to lichen collecting and curating, and through time he built an extensive collection of Icelandic lichens, now housed at the Akureyri division of the Icelandic Institute of Natural History. Hörður not only studied Icelandic lichens: the vascular plants of the island also interested him. As a professor of botany, he influenced a whole generation of botanists in Iceland, and his name is also publicly well-known because of his books on the vascular plants and lichens of Iceland (in Icelandic). Hörður always tried to increase public knowledge about the botany of Iceland, and he leaves behind an impressive list of books and articles in Icelandic on vascular plants, lichens and vegetation. Furthermore, in 1998 he initiated the foundation of a botanical society, “Flóruvinir” (friends of the flora), which offered public plant study days throughout Iceland in coordination with other Nordic botanical societies, called “the wildflower day”. In 2016, Hörður was decorated with the order of the falcon by the President to acknowledge his life’s work in research and dedication to public awareness of the Icelandic flora and funga.



Hörður Kristinsson (Photo: Sigrun Sigurdardottir)

Hörður’s publication list is extensive and variable. He is maybe best known by lichenologists for being a co-author of the oft-cited paper on using TLC for lichen substances that he and Chicita Culberson published in 1970. Early in his career, he published papers on colonization of lichens at the pristine island, Surtsey, as well as his studies of *Cetraria islandica* and *Cladonia* in Iceland. Through the years, Hörður studied different subjects, not only within lichenology but also concerning vascular plants in Iceland. His distributional database on vascular plants in Iceland is extensive, based on a 100 km² square system that Hörður adapted with two of his colleagues in 1970. During his time at Duke, Hörður began to accumulate a checklist for Icelandic lichens. Drafts of that checklist have

been distributed on a few occasions, for example for the excursions of the Nordic Lichen Society to Iceland in 1997 and 2009. It will soon be published.

My involvement with lichenology began when I, as a biology student, got a summer job as Hörður's assistant. Hörður was kind and encouraging from the beginning and inspired me to choose lichenology. It was through Hörður's contact with our colleagues in Uppsala that I began my studies there in 1994, and throughout my time in Sweden, Hörður was always happy to help and give good advice when sought for.

Hörður passed away at the age of 85 on June 22nd. He will be remembered by naturalists in Iceland through his publications, and there is a whole generation of Icelandic botanists that he tutored. I am grateful for the company and advice of Hörður through the years and offer my sincere condolences to his family.

Starri Heiðmarsson

PERSONALIA

NEWS FROM RBG KEW

Dr Israel Perez Vargas (U. La Laguna, Tenerife, Spain) spent a sabbatical year at RBG Kew working on a revision of the genera *Anzia* and *Pseudocyphellaria* from the Canary Islands. He also used his visit to revise the specimens at the NHM.

Ester Gaya

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*, webpage: <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;
webpage: <https://brazilianlichens.wixsite.com/website>

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

Colombia: Grupo Colombiano de Liquenología (GCOL). Info: Bibiana Moncada, e-mail: bibianamoncada@gmail.com;
webpage: <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,
webpage: <https://botanospol.cz/cs/bls>
Journal: *Bryonora*, webpage: <https://botanospol.cz/index.php/cs/bryonora>

Ecuador: Grupo Ecuatoriano de Liquenología (GEL). Info: Alba Yanez, e-mail: albayanez8@gmail.com;
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Journal: *Folia Cryptogamica Estonica*, web page: <https://ojs.utlib.ee/index.php/FCE>

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Bulletin: *Bulletin d'Informations de l'Association française de lichénologie* (deux Bulletins annuels),
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Great Britain: The British Lichen Society (BLS). C/o: Royal Society of Biology, 1 Naoroji Street, London, WC1X 0GB, United Kingdom. President: Rebecca Yahr. Secretary: Eluned Smith, e-mail and Info: enquiries@britishlichensociety.org.uk For membership go to <https://my.britishlichensociety.org.uk/>,
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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: *Lichen*, webpage http://lichenjapan.jp/?page_id=19

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Journal: *Lichenology*, webpage: <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, webpage: <http://www.blwg.nl>

Journals: *Buxbaumiella* and *Lindbergia*, webpages: 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,

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Journal: *Graphis Scripta*, webpage: see NLF web page

North America: American Bryological and Lichenological Society, Inc. (ABLS). President: Scott Schuette, contact e-mail: swschuette@gmail.com,

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Journals: *Evansia*, webpage: <http://www.bioone.org/loi/evia>; and *The Bryologist*, webpage: <http://www.bioone.org/loi/bryo>

North America, Northwest: Northwest Lichenologists (NWL). Info: Bruce McCune, contact e-mail: bruce@salal.us,

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Newsletter: *Northwest Lichenologists Newsletter*, webpage: <http://www.nwlichens.org>

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Journal: Bulletin Slovenskej botanickej spoločnosti, webpage: <http://sbs.sav.sk/SBS1/content.html> ; <http://ibot.sav.sk/lichens/>

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Journal: *Clementeana*, webpage: <http://www.ucm.es/info/seliquen/cl.htm>

Sweden: Svensk Lichenologisk Förening (SLF). President: Martin Westberg, e-mail: martin.westberg@em.uu.se,
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Bulletin: *Lavbulletinen*, webpage: <https://lavar.se/lavbulletinen/>

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The cover-page illustration

Acroscyphus sphaerophoroides Lév. (Ascomycota: Lecanoromycetes: Caliciaceae) from alpine area of Hokkaido, northern Japan (Photo: Yoshihito Ohmura).