

Vol 36 (1) June 2016

Boreus



Newsletter of the Entomological Society of British Columbia



June 2016
Volume 36(1)

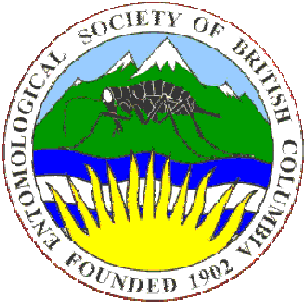


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The Entomological Society of British Columbia is a scientific Society founded in 1902 for the advancement of entomological knowledge in the province.

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of National Society Web Page Editor	Canadian Forest Service, Victoria
	Rylee Isitt



Hedya nubiferana (green budworm) adult. Credits: Gary Judd AAFC

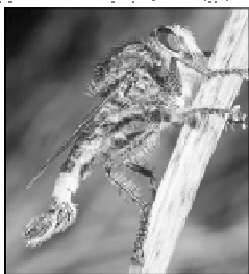


Hedya nubiferana larva. Credits: Gary Judd, AAFC

Publications of ESBC

Journal of the Entomological Society of British Columbia

Journal of the Entomological Society of British Columbia



The Journal of the Entomological Society of BC is a peer reviewed, open-access journal. Manuscripts dealing with all facets of the study of arthropods will be considered for publication. Submissions may be from regions beyond British Columbia and the surrounding jurisdictions provided that content is applicable or of interest to a regional audience. Authors are invited to submit ideas for review and forum articles as well. Line drawings or photographs as candidates for the cover are also accepted.

For more information please contact Dr. Dezene Huber, Editor-in-Chief at journal@entsocbc.ca.

The deadline for submissions to be included in the 2015 issue is 1 September, 2015. Please submit articles at the JESBC website: <http://journal.entsocbc.ca/>.

Boreus

Boreus



Boreus, the Newsletter of the Society is published in June and December. It contains entomological news, comments, reports, reviews and notices of meetings and other events. While emphasizing the Society's affairs, *Boreus* provides members with a forum for their views and news of British Columbia entomology, as well as informal articles, notes regarding research projects, and anything else that may be of interest to entomologists.

Please submit any entomological photograph, article, event or informational tidbit to the Editor!

Please send correspondence concerning *Boreus* to Dr. Gabriella (Riella) Zilahi-Balogh at boreus@entsocbc.ca.

The deadline for submissions to be included in the June issue is early June and the December issue is early December. If you have something to submit and missed the deadline email me I may be able to accommodate you.



ESBC Website

Main Webpage: <http://entsocbc.ca>

Update your bookmarks, and save our new URL to your browser favorites. Our website provides all the information you need, in one place: ESBC announcements, meeting info, publications, contact information, and other useful links.

Facebook



Find us on
Facebook

Join us on Facebook:

<https://www.facebook.com/groups/13552445022/>

Keep in touch with students, colleagues, and friends! Stay up to date with the latest entomological happenings in BC, upcoming conferences, education and employment opportunities.

Twitter



Follow us on Twitter: <https://twitter.com/EntSocBC>

Join the conversation and connect with thousands of other entomologists and insect enthusiasts from all over the world. Stay up to date with insect news, announcements, conferences and job opportunities.



Membership

Membership of the Entomological Society of B.C. is available to anyone interested in entomology. Annual dues are: Canadian resident \$20.00, International member \$25 or Student member \$10. There is an additional \$10.00 (Domestic) or \$15.00 (International) charge to receive hardcopies of the Journal. Join or renew your membership online via the Society’s website <http://entsocbc.ca/membership/>.

Inquiries concerning membership and back issues should be sent to the Treasurer, Ward Strong, E-mail: membership@entsocbc.ca

Cover Sketch: *Boreus elegans* (Mecoptera: Boreidae), one of the more conspicuous snow scorpionflies in B.C. Larvae and flightless adults live in, and feed on, moss and clubmoss. Adults appear in the fall and are active on snow on warm winter days. Cover sketch credit Ward Strong and Robert A. Cannings.

Cover Photographs:

Greater Night-stalking Tiger Beetle (<i>Omus dejeani</i>), taken on Denman Island, B.C. Photograph by Jennifer Heron.	Helliwell Provincial Park, May 2012. Photograph by Jennifer Heron
Photographs taken in the Peace Region, BC. Photographs by Jennifer Heron	





ESBC Annual General Meeting and Symposium October 14 and 15, 2016

Annual General Meeting of the Entomological Society of British Columbia will be held at the Pacific Forestry Centre in Victoria, BC on October 14 & 15. The ESBC Symposium: theme TBD will be held **October 15, 2016** in Victoria. Location is the Natural Resources Canada, Pacific Forestry Centre at 506 Burnside Road West Victoria. Mark it on your calendars.

President's Corner

Submitted by Bob Lalonde

Greetings Fellow Entomologists,

Here we are half-way through another year. I hope that you are having an enjoyable and productive summer!

Our AGM at the Henry Grube Educational Centre, in Kamloops last fall was a great success. Special thanks go to Lorraine Maclauchlan for being the local organizer. It was fun re-connecting with old friends and catching up on what everyone is doing. Our graduate student representative, Joyce Leung, organized an evening workshop on insect photography which featured instruction in a variety of techniques and tools ranging from cell phones to advanced DSLR set-ups.

The relevance of small regional societies to young faculty and graduate students is sometimes questioned. However, if you have ever been lost in the shuffle at a national or International AGM, I think you will agree that presenting one's work to a small, knowledgeable and friendly audience at a meeting with a single session has many advantages. For one thing folks listening to your talk will not disappear into the blue immediately after you have finished talking! I can guarantee a friendly, constructive audience at this fall's meeting. While I think everyone appreciates this kind of atmosphere, small meeting venues are particularly useful for graduate students who have perhaps not presented work at society meetings. So, if you are a graduate student or a supervisor with graduate students, do consider coming and presenting work at this year's upcoming meeting! We have already begun to plan this year's meeting, which will be at the Pacific Forestry Centre in Victoria, BC on October 14 & 15.

The business of the Society goes on all year. I hosted the spring executive meeting at my place in Kelowna and the physical attendees professed to enjoy my curry and beer (I can only take them at their word). Dezene Huber, our journal editor has completed the publication of the *Checklist of the Lepidoptera of British Columbia*. Thanks go to



Ward Strong, our treasurer, who along with Rylee Isitt (our web editor) helped with administrative and web support for the Symposium on the Science and Stewardship of Pollinators held at Okanagan College in Penticton this past March. This event was put on in collaboration with Environment Canada, BC Ministry of the Environment and the Royal Saskatchewan Museum and featured a number of prominent researchers in pollination biology.

I myself assisted Elizabeth Elle of SFU who came to Kelowna to give a workshop on wild bee identification this past May. The workshop was part of an ongoing series organized by Nancy Holmes in the Faculty of Creative and Critical Studies here at UBC Okanagan on pollinators.

Our graduate student representative, Joyce Leung has organized a t-shirt contest! If you have a talent for drawing and/or design, please enter. The winner gets a free t-shirt and priceless bragging rights!

Don't forget to periodically check out our website. Rylee Isitt has taken over webmaster duties from Alex Chubaty and is doing a bang-up job. There are regularly updated job postings and announcements. I understand that Rylee also maintains other web-based media (Twitter and Facebook). Typical of graduate students, Rylee will be moving on soon and we will need a new Web Page Editor. If your interests run in this direction, drop me, or Rylee a line!

I would like to finish by sincerely thanking the executive. Any learned society leans heavily on a strong, engaged executive in order to function. All of these individuals do an amazing job off the sides of their desks. In addition to Rylee and Joyce, who you know by now, Brian Van Hezewijk and Jenny Cory are the first and second Vice Presidents, respectively and Brian will be assuming the mantle of the Presidency at the end of this year's AGM. Directors and VP's take on a variety of Society tasks. Thanks also go to our Directors, Tamara Richardson and Kathy Blieker. Bill Riel is the Regional Director the ESC and acts as a liaison for us with the national society. The publications of the Society are edited by Dezene Huber (The Journal of the Entomological Society of BC) and Gabriella Zilahi-Balogh (Boreus: the Bulletin of the Entomological Society of BC). Finally, thanks go out to our Secretary, Tracy Hueppelsheuser and our Treasurer, Ward Strong, who really keep things running in the Society.

I hope that you all enjoy the upcoming summer and I look forward to seeing you at the AGM this fall!

Bob Lalonde



Graduate Student Representative Report

Prepared by Joyce Leung

Hi everyone!

I hope everyone is having a wonderful summer and for those that are doing field work, remember to drink lots of water!

Student hosted photography workshop recap

At the end of the first day of the 2015 ESBC Annual meeting, a photography workshop was held by Mike Hrabar from SFU. Many participants went home with wonderful photos! Everyone picked up tips about the value of lighting and even learnt how to take awesome photos with a cell phone. Do you have suggestions or future ESBC workshops? Send in your suggestions to secretary@entsocbc.ca!

ESC Annual Meeting and International Congress of Entomology

Travelling to Orlando this fall to attend the ESC and ICE annual meeting this year? Be sure to join our Facebook event at <https://www.facebook.com/events/1094106117302165/> to make plans with your fellow BC reps! You can also access the event through our Facebook group www.facebook.com/groups/entsocBC/.

ESBC Annual Meeting

Don't forget to take some time out from prodding insects to submit an abstract to present at this year's AGM which will be held October 14th-15th at the Pacific Forestry Centre in Victoria. See entsocbc.ca/meetings for details. Once again, ESBC will be offering a Graduate Student Scholarship so stay tuned for information about deadlines.

That's all from me! Have a great summer, and see everyone in October!

Joyce

Joyce - jpl15@sfu.ca



EntSoc BC

T-shirt Design Contest



Prize: T-shirt of YOUR design!
Deadline: August 5th 2016
Online voting: August 8th-12th
Visit www.entsocbc.ca for more information

EntSoc BC is proud to present the Entomology T-shirt Design Contest! Do you have a creative side, as well as a love for entomology? Then we need you! The winner will receive a FREE T-shirt of the best design!

Submit a .JPEG or .PNG file to Joyce at jpl15@sfu.ca. Images must be:

- 300 dpi at actual print size (i.e. will fit onto letter size paper)
- Single color
- Submitted by August 5th

Scanned sketches are also welcomed. Only designs that are considered suitable for print will be shortlisted.

Art not your thing? Be involved by voting for the best design!

Online voting for the best design will take place from August 8th-12th, so be sure to keep an eye out for an email from us!

Get creating!

- Joyce



Graduate Student Scholarship Competition

The Entomological Society of British Columbia announces the annual Graduate Student Scholarship competition. Up to two \$400 scholarships are awarded each year at the Annual General Meeting to be used to defray costs (including travel) incurred by graduate students for participation in conferences other than the ESBC AGM.

For consideration, applicants must be graduate students and ESBC members in good standing, and must submit a single PDF file containing:

- Name and location of conference to be attended
- Title and abstract of research to be presented
- Current CV

Abstracts should be submitted double spaced, in 12 point font, and with a maximum of 200 words (based on processor electronic word count). Applications will be judged on the basis of scientific importance, quality of the application, and qualifications of the applicant.

Applications should be sent via email to the ESBC Secretary (secretary@entsocbc.ca). Deadline for receipt of applications is typically **3 weeks before the Annual General Meeting**, generally held in October. Please check the meeting and scholarship announcements for this year's deadlines.

Pacific Flat headed Borer, *Chrysobothris mali* Horn (Coleoptera: Buprestidae) found attacking apple saplings in the Southern Interior of British Columbia

Susanna Acheampong, Gabriella M.G. Zilahi-Balogh, Robert G. Footitt, Gary J.R. Judd and T. DiMaria

The Pacific flat headed borer, *Chrysobothris mali* Horn (Coleoptera: Buprestidae) is widely distributed throughout western North America, west of the Rocky Mountains from California to British Columbia and western provinces (Furness and Carolin 1977, Soloman 1995). It is known to be a host of 41 genera in 20 families, including *Malus* (Burke 1929).

Chrysobothris mali was reported by a grower in July 2015 in Kelowna, BC on 1 to 2 year old apple, *Malus domestica* saplings. Damage was below the graft union and infested trees had dark coloured, cracked bark with frass showing through. There was frass



around the base of some infested trees. Larvae were found beneath the bark and inside the wood and larval mines were exposed when bark was removed. The mines occasionally encircled the stem which killed the sapling. Leaf symptoms were variable ranging from yellow to purple in the fall.

This is the first time damage to tree saplings has been reported by *C. mali* in the Okanagan.

References

Burke, HE 1929. The Pacific Flat Headed Borer. USDA Technical Bulletin 83. 36 pp.

Furness, RL and VM Carolin 1977. Western Forest Insects. USDA Forest Service. Misc. Publication No. 1339.

Soloman, J.D. 1995. Guide to Insect Borers in North American Broadleaf Trees and Shrubs. USDA Forest Service Handbook. AH-706. 735 pp.

http://www.srs.fs.usda.gov/pubs/misc/ah_706/ah-706.htm [last accessed 29 April 2016]



Chrysobothris mali larva at the base of an apple sapling in Kelowna. Credits: Gabriella Zilahi-Balogh



Entomology Educational Opportunities in Canada

The Entomological Society of Canada published a Directory of **Entomological Education in Canada**. Available at:

<http://www.esc-sec.ca/direntomology.php>

Grad Student and Post Doc Opportunities

Postdoctoral position - Plant ecology, agronomy, and pollination ecology

University of Calgary, Alberta

Application deadline: June 15, 2016 or until suitable applicant found

[Details](#)

Graduate student positions (1 MSc, 2 PhD) - Greenhouse entomology and biological control

University of Windsor/Agriculture and Agri-Food Canada

Application deadline: 1 May 2016 (September 2016 start date) or 2 August 2016 (January 2017 start date)

[Details](#)

2 Graduate student positions (MSc or PhD), evolutionary ecology of insect-parasite associations

University of Victoria, BC

Application deadline: April 18, 2016

[Details](#)

PhD Position, Forest Entomology

Laval University/NRCan, Québec, QC

Application deadline: ASAP (starts summer 2016)

[Details](#)

MSc Position, Forest Entomology

Laval University/NRCan, Québec, QC

Application deadline: ASAP (starts summer 2016)

[Details](#)

Postdoctoral Position – Entomology/molecular biology

Canadian Food Inspection Agency, Entomology Laboratory, Ottawa

Application deadline: ASAP (starting date: April 1, 2016)

[Details](#)



MSc Position – Chemical ecology of red striped fireworm

Acadia University, Wolfville, NS

Application deadline: March 4, 2016

[Details](#)

PhD position - Ecosystem services provided by carabid beetles

Institute of Ecology, University of Innsbruck, Austria

Application deadline: February 1, 2016, or until position is filled

[Details](#)

Check out Entomological Society of America <http://www.entsoc.org/listjobs> website and Entomological Society of Canada website <http://www.esc-sec.ca/jobs.php> for other positions and details of the positions listed above.

DNA Barcoding Website:

There is a new blog exclusively on the topic of DNA barcoding with the aim to have newsworthy information posted a few times per week. The blog is lead by Dirk Steinke, Lead Scientist Barcoding of Marine Life Biodiversity Institute of Ontario University of Guelph, Ontario. Email: dsteinke@uoguelph.ca and blog website <http://dna-barcoding.blogspot.ca/>

Entomological Society of Canada

Blog Available at <http://escsecblog.com/>

March 2016 Bulletin Vol 48 (1) (current issue) available online at <http://www.esc-sec.ca/bulletin.php>

THE INTERNATIONAL CONGRESS OF ENTOMOLOGY, ENTOMOLOGICAL SOCIETY OF AMERICA AND ENTOMOLOGICAL SOCIETY OF CANADA “Entomology without borders” is held in Orlando, Florida September 25-30, 2016



Some International Entomological Societies

Royal Entomological Society www.royensoc.co.uk/

Entomological Society of Southern Africa www.entsocsa.co.za/

Egyptian Entomological Society www.ees.eg.net/

Australian Entomological Society <http://www.austentsoc.org.au/>

Xerces Society for Invertebrate Conservation www.xerces.org

Japan Coleopterists Society <http://www.mus-nh.city.osaka.jp/shiyake/j-coleopt-soc.html>

Chilean Society of Entomology <http://www2.udec.cl/~insectos/>

Butterfly Conservation <http://butterfly-conservation.org/>

Croatian Entomological Society <http://www.agr.unizg.hr/hed/index.htm>

European Association of Coleopterology <http://www.ub.edu/aec/>

Dutch Butterfly Conservation <http://www.vlinderstichting.nl/>

Butterfly Conservation of the Republic of China <http://butterfly.kingnet.com.tw/>

The 2015 version of the Checklist of Lepidoptera of British Columbia is now available.

The list is published by the BC Entomological Society.

<http://journal.entsocbc.ca/index.php/journal/issue/view/Occasional%20Paper%20%233/showToc>

Updates to the list will be available at <http://bcleps.weebly.com/bc-checklist.html>

at the British Columbia Lepidopterists' Guild website <http://bcleps.weebly.com/>

Anybody wishing to join or get involved please contact: Dave Holden BCLEps@shaw.ca



Entomological Meetings and Conferences

The Entomological Society of America compiles and maintains a list of entomology meetings and references. Below are some of these meetings, a full list is available at <http://www.entsoc.org/Periodicals/News/datebook>

2016

The 11th International Symposium on Adjuvants for Agrochemicals will be held June 20-24, 2016 in Monterey, California.

The 60th Annual Livestock Insect Workers' Conference will be held June 26-29, 2016 in Stillwater, OK. Contact Justin Talley at justin.talley@okstate.edu.

The IX International Symposium On Phlebotomine Sandflies will be held June 28 - July 1, 2016 in Reims, France.

Beetles: Diversity, Identification and Natural History in Maine and Around the World will be held July 17-23, 2016 at the Eagle Hill Institute in Steuben, ME. Contact: marilyn@eaglehill.us or 207-546-2821, ext. 1.

The Entomological Collections Management Workshop will be held July 18-20, 2016 at the Smithsonian Institution's National Museum of Natural History in Washington, DC. Contact Floyd Shockley at ShockleyF@si.edu.

A Short Course on Insect Genetic Technologies: Theory and Practice will be held July 24-29, 2016 at the University of Maryland, Insect Transformation Facility, Institute for Bioscience and Biotechnology Research, in Rockville, Maryland. Contact: 240-314-6210 or admin@igtrcn.org.

43° Congreso de la Sociedad Colombiana de Entomología will be held July 27-29, 2016 in Manizales, Caldas, Colombia. For more information, contact Pablo Benavides at presidente.congresosocolen2016@gmail.com or at 57 68 506550.

The Science of Industrial Hemp Conference will be held July 28-29, 2016 in Denver, Colorado.

The Hym Course will be held August 8-20, 2016 at the Highlands Biological Station in North Carolina. Contact Robert Kula at 202-633-4558 or robert.kula@ars.usda.gov.

TAAO 2016 is the first symposium of Tephritid Workers of Asia, Australia and Oceania (TAAO) that is jointly organized by Universiti Putra Malaysia (through the Faculty of Science and the Faculty of Agriculture) and TAAO. The symposium will be held August 15-18 at the Palm Garden Hotel in Putrajaya, Malaysia. A one-day fruit fly diagnostic workshop is also planned for August 14, 2016 in the run-up to the symposium.

Ecology of Aphidophaga XIII will be held August 29 to September 2, 2016 in Freising, Germany.

The Entomological Society of Canada's Annual Meeting will be held September 23-30, 2016 in Orlando, Florida in conjunction with the 2016 International Congress of Entomology.



The International Conference on Ant Systematics and Ecology will be held September 17-18, 2016 at the University of Kelaniya in Sri Lanka. Contact Prof. Sriyani Dias at rkdsdias@kln.ac.lk or +94 11 2932523.

The XXV International Congress of Entomology will be held September 25–30, 2016 in Orlando, Florida, USA. The 2016 ESA Annual Meeting and the 2016 Entomological Society of Canada meeting will be held simultaneously in Orlando.

An **Introductory Course on Insect Respirometry** will be held October 2-4, 2016 at the University of Florida in Gainesville, Florida in collaboration with Sable Systems International. Transfer from ICE 2016 on October 1 and back to Orlando on October 5 will be provided. For more information email Sable Systems or call +1 702-269-4445.

The Combined International Electropetrography (EPG) Conference and Workshop on New AC-DC Technology will be held October 2-7, 2016 in Lake Alfred, Florida. For more information, contact Sarah McCoy at 863-956-8632 or sarahmccoy@ufl.edu.

The 2016 Combined Meeting of the Australian Entomological Society and the Entomological Society of New Zealand will be held November 27-30, 2016 in Rydges on Swanston, Melbourne, Victoria, Australia. For more information, contact Sally Brown at sally.brown@sallybcc.com.au.

2017

The 14th Arbovirus Surveillance and Mosquito Control Workshop in Conjunction with the NE 1443 Regional Project Annual Meeting will be held March 28-30, 2017 in St. Augustine, FL. For more information, please contact Dr. Rudy Xue at xueamcd@gmail.com or visit www.amcdsjc.org.

The 5th International Forum for Surveillance and Control of Mosquitoes and Mosquito-borne Diseases will be held May 22-26, 2017 in Nanjing, Jiangsu Province, China. For more information, contact Dr. Tongyan Zhao at tongyanzho@126.com or Dr. Rudy Xue at xueamcd@gmail.com or visit www.asiansvemc.org or www.mosquitoforum.net.

The Third Hemipteran-Plant Interactions Symposium will take place June, 4-8, 2017 in Madrid, Spain. Contact hpis2017@csic.es.

The 12th Arab Congress of Plant Protection (ACPP 2017) will be held November 5–9, 2017 in Cairo, Egypt. For more information, please contact acpp2017@arc.sci.eg.

26th International Conference of the World Association for the Advancement of Veterinary Parasitology, WAAVP 2017 will be held September 4-8, 2017 at the Kuala Lumpur Convention Centre, Malaysia. Contact secretariat@waavp2017kl.org.



Supporting Butterfly Conservation through Collaboration: The BC Butterfly Atlas

The BC Butterfly Atlas is a community-based citizen science project aimed at increasing our knowledge of the status and distribution of butterflies in British Columbia.

Project Description

Beginning in 2012, the BC Butterfly Atlas will harness the efforts of both professional biologists and citizen naturalists to document the distribution and abundance of butterflies in British Columbia. Gathering butterfly records from across BC will help identify which species are truly rare and which are more common, provide a snapshot of butterfly populations to which past and future surveys can be compared, and inform efforts to conserve butterflies and their habitats. Results will be collated into a single database and be made available on maps on the project website. The project also aims to educate and engage the public about the importance of biodiversity and increase involvement in butterfly conservation in BC.

Project Objectives

The BC Butterfly Atlas has the following objectives:

- Increase public interest in butterflies and involvement in butterfly watching;
- Share information on the distribution, abundance, and habitat relationships of butterflies in British Columbia;
- Educate British Columbians on the importance of conservation of butterflies and their habitat; and
- Develop resources and partnerships to improve conservation of butterflies and their habitats.

Background

Mapping biodiversity is a growing stewardship activity around the world, and the information collected is invaluable for the conservation of species and their habitat. Following on the recent success of the BC Breeding Bird Atlas¹ and butterfly atlassing projects in other jurisdictions (e.g., Butterflies of the New Millennium (UK)², Maritimes Butterfly Atlas³, and atlases in several US states), we are initiating a citizen-based survey and atlassing program for butterflies in British Columbia. Despite their important ecological role and value as habitat indicators, butterflies in BC lack adequate information on their distribution, abundance, and habitat relationships needed for effective conservation. An atlassing project would seek to fill this information gap while increasing public awareness and support for butterfly conservation.

¹ <http://www.birdatlas.bc.ca>

² <http://www.butterfly-conservation.org>

³ <http://www.accdc.com/butterflyatlas.html>



Obituaries

Alice Solyma (? – March 19, 2016)



We are saddened and shocked to hear of the sudden passing of our friend and colleague Alice Solyma.

Alice was very active in library, archives and records management in British Columbia. We will remember her for her dedication and mentorship. In 2011, she received the Outstanding Information Professional Award from the Special Libraries Association. A consummate networker, Alice was active in numerous associations and regularly attended library, archival and records management conferences. She used her expansive network to provide hard-to-get information and intelligence for her clients.

Alice's substantive position was with Natural Resources Canada. She began her career with the Geological Survey of Canada in Ottawa in 1975 before a move to Victoria becoming the Chief Librarian at the Canadian Forest Service (NRCan) in Victoria in 1978. She held this position until 2014. In 2012, Alice received the Canadian Forest Service Merit award. Most recently she had been with Fisheries and Oceans Canada.

Alice was an early adopter and forward thinker. Between 1995 and 2002, she negotiated licenses for e-books, scholarly search databases, and e-journals increasing access to content for scientists. She was an early adopter of MARC records ensuring data integrity over time and an early contributor of journal holdings information to AMICUS for the sharing of resources. In 2010, Alice converted library space into a "learning commons" reflecting changing technology and client priorities.

Alice had been a member of numerous library associations throughout her career. In particular, she was a member of the Special Libraries Association. She held the position of Vancouver Island Director from 1993 -1999 and was an active member since 1984. She was planning to attend the annual conference in Philadelphia this June. She volunteered for the Entomological Society of BC where she helped establish the ESBC



catalogue. In 2013 Alice was awarded by ESBC for her volunteer contributions.

Mentorship was a priority for Alice. She so enjoyed supervising interns, was curious about others and offered her expertise willingly. Alice was dedicated to professional development. In recent years, she had become interested in records management and digital archiving. She was planning to take her career in this direction.

Pamela Wilkins

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Fisheries and Oceans Canada / Government of Canada
Pamela.wilkins@dfo-mpo.gc.ca Tel: 250-363-8181

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