



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology

Monday, 8 August 2016

Announcements

2016 IAB-IMS Irving-Scholander Memorial Lecture series. Mark your calendar now to attend three exciting seminars Sept. 6-7 by Professor Art DeVries and Professor Chi-Hing "Chris" Cheng. Their public seminar, "[Not Your Chevy's Antifreeze ...](#)" is free and everyone is welcome. Details on the science seminars coming soon.

The 2016 Wildlife Society Publication Award - Outstanding Monograph was given to Terry Bowyer, professor emeritus and IAB research scientist, and co-authors for "Effects of harvest, culture, and climate on trends in size of horn-like structures in trophy ungulates," by Kevin L. Monteith, Ryan A. Long, Vernon C. Bleich, James R. Heffelfinger, Paul R. Krauseman, and R. Terry Bower, *Wildlife Monographs* 183, 2013.

Caribou-Poker Creeks Research Watershed is an active NEON construction site. The road remains open only to ATV and foot traffic. NEON is in the process of installing power in and along the road so please use caution when approaching people or equipment. The contractor has agreed to make every effort to ensure that we have access but this means communicating with them when folks will be working in the watershed. Please send Jami Hollingworth your work schedules if you have any activities planned for CPRW this summer.

Events and Seminars

9 August 2016

- **Webinar: Ocean Acidification in Alaska: Current status, monitoring efforts, and potential impacts to marine life**
Natalie Monacci & Bob Foy
UAF & NOAA
10:00AM - 11:00AM
https://accap.uaf.edu/OA_Alaska

Travel

- **Abels, Mike**, 8/8/16 - 8/9/16, Toolik Field Station, UA Presidents Visit
- **Euskirchen, Eugenie**, 5/24/16 - 8/30/16, Field sites south of Fairbanks, Periodic visits to field sites
- **Julie Benson**, 8/6/16 - 8/12/16, Washington, DC, NCURA and NIH meetings
- **Peterson, Don Labar, Gina and Sexton, Aaron**, 6/13/16 - 8/31/16, Manley, AK, Field Work
- **Wagner, Diane**, 4/15/16 - 8/20/16, Various field sites within Interior Alaska, Field work

IAB in the News

8/4/16: Alaska Dispatch News
[The curious life of Alaska's birch shieldbug](#)
Brian Barnes, Todd Sformo, Derek Sikes

New IAB Publications

Legend: **f**=faculty, **r**=research scientist, **s**=staff, **e**=emeritus, **a**=affiliate, **g**=grad student, **p**=post-doc, **u**=undergrad student, **h**=high school student

Life Science Hour Seminars in the Murie Auditorium, Fridays 3-4 p.m.
No seminar scheduled this week.

Aycrigg, J., Beauvais, G., Gotthardt, T., **Huettmann, F. (f)**, Pyare, S., Andersen, M., Keinath, D., Lonneker, J., Spathelf, M., and Walton, K. (2015). Novel Approaches to Modeling and Mapping Terrestrial Vertebrate Occurrence in the Northwest and Alaska: An Evaluation. *Northwest Science* 89:355-381 [IAB 4259].

Scerbak, C. (g), **Vayndorf, E. (p)**, Hernandez, A., McGill, C., and **Taylor, B.E. (f)** (2016). Mechanosensory Neuron Aging: Differential Trajectories with Alaskan Berry and Fungal Treatments in *Caenorhabditis elegans*. *Frontiers in Aging Neuroscience* 8: [IAB 4260].

Ueyama, Masahito, Tahara, Narumi, Iwata, Hiroki, **Euskirchen, Eugenie S. (f)**, Ikawa, Hiroki, Kobayashi, Hideki, Nagano, Hirohiko, Nakai, Taro, and Harazono, Yoshinobu (2016). Optimization of a biochemical model with eddy covariance measurements in black spruce forests of Alaska for estimating CO2 fertilization effects. *Agricultural and Forest Meteorology* 222:98-111 [IAB 4261].

Jacobson, Sandra L., Bliss-Ketchum, Leslie L., de Rivera, Catherine E., and **Smith, Winston P. (r)** (2016). A behavior-based framework for assessing barrier effects to wildlife from vehicle traffic volume. *Ecosphere* 74: [IAB 4262].

Zockler, Christoph, Beresford, Alison, Bunting, Gillian, Chowdhury, Sayam, Clark, Nigel, Fu, Vivian, Wing Kan, Hla, Tony Htin, Morozov, Vladimir, Syroechkovskiy, Evgeny, Kshiwagi, Minoru, Lappo, Elena, Tong, Menxiu, Le Long, Trai, Yu, Yat-Tung, **Huettmann, Falk (f)**, Akasofu, Herrick, Tomida, Hiroshi, and Buchanan, Graeme (2016). The winter distribution of the Spoon-billed Sandpiper *Calidris pygmaeus*. *Bird Conservation International* 1-14 [IAB 4263].

Latty, C.J. (g), Hollmén, T.E., Petersen, M.R., **Powell, A.N. (f)**, and Andrews, R.D. (2016). Biochemical and clinical responses of Common Eiders to implanted satellite transmitters. *The Condor* 489-501 [IAB 4264].

Jones, Jeremy B. (f) and Stanley, Emily H. (eds) (2016). *Stream Ecosystems in a Changing Environment*. Book [IAB 4265].

Park, Taejin, Ganguly, Sangram, Tømmervik, Hans, **Euskirchen, Eugénie S (f)**, Høgda, Kjell-Arild, Karlsen, Stein Run, Brovkin, Victor, Nemani, Ramakrishna R, and Myneni, Ranga B (2016). Changes in growing season duration and productivity of northern vegetation inferred from long-term remote sensing data. *Environmental Research Letters* 11: [IAB 4266].

See the [UAF Cornerstone](http://uafcornerstone.net/) for more news and events (<http://uafcornerstone.net/>).

Quote of the Day

The difficulty in life is the choice.

[George A. Moore](#)