



LIFE SCIENCE NEWS

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Announcements

IAB Life Science Hour seminar: Aug. 28. "Forest and Wetland Change in the Mississippi Alluvial Valley" by Sammy King, leader Louisiana Cooperative Fish and Wildlife Research Unit, Louisiana State University. Details [here](#).

The 2015 IAB-IMS Irving-Scholander Memorial Guest Lecturer will be [Mimi R. Koelh](#), professor of integrative biology, University of California, Berkeley. The public and scientists seminars are planned for the second week in September. Please mark your calendars and plan to join us. Details will be shared as soon as we have them. Link to [Koehl's lab](#).

Events and Seminars

No events scheduled.

Travel

- **Abels, Mike**, 8/24/15 - 8/27/15, Toolik Field Station, Facility Upgrade Meeting
- **Barnes, Brian**, 8/28/15 - 8/30/15, Toolik Field Station, Graduate Student Field Trip
- **Breed, Greg**, 8/7/15 - 8/27/15, Arctic Bay, Canada, Field work on Baffin Island; 8/8/15 - 8/26/15, Arctic Bay, Canada, Field work
- **Brown, Dana**, 8/23/15 - 9/1/15, Coldfoot, AK, Field work
- **Dunlap, Kriya**, 6/25/15 - 10/30/15, Salcha, North Pole, White Mountains, Field work
- **Edgar, Colin**, 8/4/15 - 8/25/15, Cherskiy, Russia, Field work
- **Griffith, Brad**, 8/30/15 - 8/30/15, Anchorage, AK, Speak at the conference on Global Leadership in the Arctic (GLACIER)
- **Hollingsworth, Jamie**, 8/29/15 - 9/4/15, Estes Park, CO, 2015 LTER All Scientist Meeting
- **Hollingsworth, Jamie and group**, 8/17/15 - 8/30/15, Remote field Sites, Establishing Forest Inventory and Analysis Plots
- **Hollingsworth, Teresa**, 8/29/15 - 9/4/15, Estes Park, CO, 2015 LTER All Scientist Meeting
- **Kielland, Knut**, 8/30/15 - 9/3/15, Estes Park, CO, LTER ASM Meeting
- **Leigh, Mary Beth**, 8/30/15 - 9/2/15, Estes Park, CO, Present and Lead a workshop at the LTER All Scientists Meeting
- **Marsh, Amy and Brown, Dana**, 8/23/15 - 9/1/15,

LIFE SCIENCE HOUR SEMINAR

Friday, 28 August 2015

3:00 PM - Murie Life Science Bldg, Murie Auditorium.

Forest and Wetland Change in the Mississippi Alluvial Valley

Sammy L. King, Leader, USGS Louisiana Cooperative Fish and Wildlife Research Unit
Louisiana State University

Field work, Coldfoot, AK

- **Moore, Jeanette**, 4/16/15 - 8/30/15, Toolik Field Station, Field work
- **Okano, Kyoko**, 8/24/15 - 9/11/15, Denali National Park, Field work

Grants and Awards

Go to the IAB funding opportunities webpage, www.iab.uaf.edu/research/funding_opps.php, for the latest on available grants, scholarships, fellowships, and awards.

IAB in the News

8/23/15: Alaska Dispatch News
[Habitat changes expected to shift distribution of tiny mammals in Alaska](#)
Andrew Baltensperger, Falk Huettmann

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

Khamis, K., Brown, L.E., Hannah, D. M., and **Milner, A.M. (r)** (2015). Experimental evidence that predator range expansion modifies alpine stream community structure. *Freshwater Science* 34:66-80 [IAB 3990].

Klaar, M.J., Kidd, C., Malone, E., Bartlett, R., Pinay, G., **Chapin, F.S. (e)**, and **Milner, A. (r)** (2015).

Vegetation succession in deglaciated landscapes: implications for sediment and landscape stability. *Earth Surface Processes and Landforms* 40:1088-1100 [IAB 3991].

Khamis, K., Hannah, D.M., Clarvis, M.H., Brown, L.E., Castella, E., and **Milner, A.M. (r)** (2014). Alpine aquatic ecosystem conservation policy in a changing climate. *Environmental Science & Policy* 43:39-55 [IAB 3992].

Blaen, P.J., Hannah, D.M., Brown, L.E., and **Milner, A.M. (r)** (2014). Water source dynamics of high Arctic river basins. *Hydrological Processes* 28:3521-3538 [IAB 3993].

Blaen, Phillip J., Brown, Lee E., Hannah, David M., and **Milner, Alexander M. (r)** (2014). Environmental drivers of macroinvertebrate communities in high Arctic rivers (Svalbard). *Freshwater Biology* 59:378-391 [IAB 3994].

Khamis, K., Hannah, D.M., Brown, L.E., Tiberti, R., and **Milner, A.M. (r)** (2014). The use of invertebrates as indicators of environmental change in alpine rivers and lakes. *The Science of the Total Environment* 493:1242-1254 [IAB 3995].

Lewis, T.M. (g), Pyare, S., and **Hundertmark, K.J. (f)** (2015). Contemporary genetic structure of brown bears (*Ursus arctos*) in a recently deglaciated landscape. *Journal of Biogeography* 42:1701-1713 [IAB 3996].

Baltensperger, A.P. (g) and **Huettmann, F. (f)** (2015). Predicted Shifts in Small Mammal Distributions and Biodiversity in the Altered Future Environment of Alaska: An Open Access Data and Machine Learning Perspective. *PLoS ONE* 10:e0132054EP - [IAB 3997].

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

Quote of the Day

Nothing is a waste of time if you use the experience wisely.

[Auguste Rodin](#)