## ALASKA BOTANY FORUM, 7-8 NOV. 2013

**University of Alaska Fairbanks**  
**Room 501, Akasofu Building**

### THURSDAY 7 NOV. 2013

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<th>Time</th>
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<td>8:40 – 9:00</td>
<td>*ICKERT-BOND, STEFANIE(^1) – METZGAR, JORDAN(^1) ALA updates.</td>
<td>(^1) Herbarium (ALA), UA Museum of the North &amp; Dept. of Biology &amp; Wildlife, University of Alaska Fairbanks, Alaska.</td>
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<td>9:00 – 9:30</td>
<td>*BENNETT, BRUCE(^1) Yukon Plants and the Species At Risk Act.</td>
<td>(^1) Yukon Conservation Data Centre, Biodiversity Section, Environment Yukon, Government of Yukon, Whitehorse, Yukon, Canada.</td>
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| 9:30 – 9:45| *AMY L. BREEN\(^1,2\) – DRUKENMILLER, LISA \(^1\) – RAYNOLDS, MARTHA K. \(^1\) – HENNEKANS, STEPHAN \(^3\) – WALKER, MARILYN \(^1,4\) – WALKER, DONALD A. \(^1\) Prototype for the Arctic Vegetation Archive. | \(^1\) Institute of Arctic Biology, University of Alaska Fairbanks, Alaska,  
\(^2\) International Arctic Research Center, University of Alaska Fairbanks, Alaska,  
\(^3\) Alterra, Wageningen UR, Netherlands,  
\(^4\) Homer Energy, Boulder, Colorado. |
| 9:45 – 10:00| *JORGENSON, JANET\(^1\) – BATTEN, ALAN\(^2\) – GLORIA. | \(^1\) U.S. Fish & Wildlife Service, Arctic National Wildlife Refuge, Fairbanks, Alaska,  
\(^2\) Herbarium (ALA), UA Museum of the North, University of Alaska Fairbanks, Alaska. |
| 10:00 – 10:30| Coffee break                        |                                                                                           |
| 10:30 – 10:45| *OLIVER, MARGARET\(^1\) – METZGAR, JORDAN\(^1\) - ICKERT-BOND, STEFANIE\(^1\) The evolutionary history of three closely related species of *Therorhodion* (Ericaceae): preliminary data from literature searches, a review of specimens, and molecular sequence data. | \(^1\) Herbarium (ALA), UA Museum of the North & Dept. of Biology & Wildlife, University of Alaska Fairbanks, Alaska. |
| 10:45 – 11:15| *METZGAR, JORDAN\(^1\) – ICKERT-BOND, STEFANIE\(^1\) Temporal and geographic patterns of diversification in the fern genus *Cryptogramma*. | \(^1\) Herbarium (ALA), UA Museum of the North & Dept. of Biology & Wildlife, University of Alaska Fairbanks, Alaska. |
11:15 – 12:15  *STEHN, SARAH¹ – ROLAND, CARL²  An altered successional trajectory? 54 years of vegetation change measured on a chronosequence near the Muldrow Glacier.

¹Denali National Park and ²Central Alaska Network Botany Program, National Park Service

12:15 -13:15  Lunch break


¹Institute of Northern Engineering, Department of Anthropology, University of Alaska Fairbanks, Alaska.


¹Resilience and Adaptation Program and Dept. of Anthropology, University of Alaska Fairbanks

13:55 – 14:15  *STAMEY, MACKENZIE¹ – METZGAR, JORDAN¹ – ICKERT-BOND, STEFANIE¹  How was the octoploid Turkish parsley fern (Cryptogramma bithynica) formed?

¹Herbarium (ALA), UA Museum of the North & Dept. of Biology & Wildlife, University of Alaska Fairbanks, Alaska.

14:15 – 14:25  *ANDERSON, ELLEN¹  Discovering and re-uniting with rares.

¹USDA Forest Service, Botanist on Juneau, Yakutat and Admiralty National Monument districts.

14:25 – 14:40  *FULKERSON, JUSTIN, R.  Understanding the pollination ecology in rare plants.

Alaska Natural Heritage Program, University of Alaska Anchorage, Anchorage, Alaska.


14:50 – 15:00  Coffee break

16:00 – 17:00  Herbarium tour

17:30 – 21:00  Potluck at Janet & Torre Jorgenson’s home  Bring a potluck dish to share if you can, but if you’re from out of town, it’s OK to just bring yourself. Maps and car-pooling will be available at the meeting.
FRIDAY 8 NOV. 2013

8:30 – 9:15  *ROLAND, CARL¹ Climate sensitivity of reproduction in *Picea glauca*, a mast-seeding boreal conifer across its range from lowland to treeline forests in interior Alaska.


9:15 – 9:45  *CARLSON, MATT¹ – FULKERSON, JUSTIN¹ – FLAGSTAD, LINDSEY¹ – NAWROCKI, TIMM¹ – HEITZ, BRIAN¹ – GREENSTEIN, CASEY¹ Alaska Natural Heritage Program’s Current Research and Service Activities.

¹Alaska Natural Heritage Program, University of Alaska Anchorage, Anchorage, Alaska.

9:45 – 10:15  *BENNETT, BRUCE¹ Yukon Conservation Data Centre (CDC).

¹Yukon Conservation Data Centre, Biodiversity Section, Environment Yukon, Government of Yukon, Whitehorse, Yukon, Canada.

10:15 – 10:45  *SCHMID, M.S.¹ – HUETTMANN, FALK² Predictive modeling reveals hotspots of epiphytes on Haida Gwaii, BC, Canada and how they are negatively affected by the road system on the island.

¹Takuvik Joint International Laboratory, Laval University (Canada) – CNRS (France), UMI3376, Département de Biologie et Québec-Océan, Université Laval, Québec, Canada, ²EWHALE lab, Dept. of Biology and Wildlife, Institute of Arctic Biology, University of Alaska-Fairbanks Alaska.

10:45 -11:15 Coffee break

11:15 – 11:45  *DILLMAN, KAREN¹ – BAAS, POLLY² – KRIEKHAUS, BRAD¹ – PARKER, CAROLYN³ Botanical surveys in Paradise Valley on the Juneau Icefield.

¹USDA, Forest Service, Tongass National Forest, ²University of Alaska Anchorage, Anchorage, Alaska ³Herbarium (ALA), University of Alaska Museum of the North, University of Alaska Fairbanks.
11:45 – 12:00  *NICKLEN, ELIZABETH (FLEUR)*

Does site moisture modify the effects of climate on *Picea glauca* and *P. mariana* growth in interior Alaska?

Denali National Park and Central Alaska Network Botany Program, National Park Service.

12:00 – 12:15  *WINTERSTEIN, MARK* – *PARKER, CAROLYN*  

A range extension for *Carex sartwellii* in Interior Alaska.

1 University of Alaska Fairbanks, Department of Biology and Wildlife, Fairbanks, Alaska  
2 Herbarium (ALA), University of Alaska Museum of the North, University of Alaska Fairbanks, Fairbanks, Alaska.

12:15 – 12:30  *LABOUNTY, KITTY*  

Beyond tundra: A closer look at alpine vegetation in Southeastern Alaska.

University of Alaska Southeast, Sitka, Alaska.

12:30 – 12:40  *RAYNOLDS, MARTHA K.*  

Two rare plants from the Susitna area - *Vicia americana* and *Eriophorum viridicarinatum*.

1 Institute of Arctic Biology, University of Alaska Fairbanks, Alaska.

12:40 – 13:00  *ICKERT-BOND, STEFANIE M.* – *GERRATH, JEAN* – *WEN, JUN*  

Gynoeical structure of Vitaceae and Leeaceae and implications for placentation evolution in the rosids.

1 Herbarium (ALA), University of Alaska Museum of the North & Department of Biology and Wildlife, University of Alaska Fairbanks, Alaska  
2 Dept. of Molecular and Cell Biology, University of Guelph, Guelph, Ontario, Canada  
3 Dept. of Botany, Smithsonian Institution, Washington, D.C.

13:00 -14:00  Lunch break

14:00 -16:00  *PARKER, CAROLYN*  

Grass identification workshop

Museum Classroom, University of Alaska Museum of the North, University of Alaska Fairbanks, Fairbanks, Alaska.