

Lindsay (Glines) Dombroskie

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Education

University of Alberta

Edmonton, Alberta
Department of Biological Sciences
M.Sc. Ecology, 2012
Supervisor: Dr. Evelyn H. Merrill

University of Saskatchewan

Saskatoon, Saskatchewan
Department of Biology
B.Sc. Biology (High Honors), 2008
Advisor: Dr. Karen Wiebe

Select Reports/ Proposals

- Dombroskie, L.** FORCES guidance document: summer projects in the Finger Lakes region, 2017-2019. April 2019. Report for NYS ORPHP. 20 pp.
- Glines, L., K. Allen, C. Linnen.** 2015. Oil and gas project proposal: Vawn pipeline and facilities, May 2015. Prepared by MWH Canada (Saskatoon) for SaskEnergy. 127 pp.
- Glines, L., K. Allen, C. Linnen.** 2015. Oil and gas project proposal: Seraphina pipeline, May 2015. Prepared by MWH Canada (Saskatoon) for SaskEnergy. 103pp.
- Glines, L., K. Allen, C. Linnen.** 2015. Oil and gas project proposal: Edam east pipeline, May 2015. Prepared by MWH Canada (Saskatoon) for SaskEnergy. 114 pp.
- Glines, L., K. Allen, C. Linnen.** 2015. Oil and gas project proposal: Edam west pipeline, May 2015. Prepared by MWH Canada (Saskatoon) for SaskEnergy. 117 pp.
- Glines, L., J. Kevinsen, C. Linnen.** 2015. Environmental site assessment and remediation proposal, April 2015. Prepared by MWH Canada (Saskatoon) for TransGas/SaskEnergy. 128 pp.
- Glines, L., J. Kevinsen, C. Linnen.** 2015. Oil and gas project proposal: Last Mountain Lake pipeline, April 2015. Prepared by MWH Canada (Saskatoon) for TransGas. 67pp.
- Olenick, A., **L. Glines**, M. McPherson. 2014. Environmental effects evaluation: Triland well site Weyburn HZ 4C16-22-2D16-13-05-13 W2M, September 2014. Prepared by MWH Canada (Saskatoon) for Triland Energy Inc. 97pp.
- Glines, L., K. Allen, J. Kevinsen, C. Linnen.** 2014. Oil and gas project proposal: Bolney west and far west re-drill, in-fill and new source water well sites 1 & 12-51-24, & NW 7-51-23 W3M, September 2014. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 129 pp.
- Kevinsen, J., **L. Glines**, K. Allen, C. Linnen. 2014. Husky 2014 North Saskatchewan River Valley biodiversity monitoring program: proposed scope and estimated costs. May 2014. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 28pp.
- Glines, L., R. Sainsbury, C. Linnen.** 2014. Scope of work and cost estimate for 2014 biophysical assessments: Tulita District, Sahtu Region, NT. February 2014. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 7 pp.
- Glines, L., K. Allen, J. Kevinsen, M. Lacroix.** 2014. Habitat suitability mapping for Boreal Woodland Caribou in the Sahtu, Gwitch'in and Inuvialuit regions of the Northwest Territories. January 2014. Prepared by MWH Canada (Saskatoon) for the Government of the Northwest Territories. 32 pp.
- Linnen, C., **L. Glines**, K. Allen. 2014. Biophysical baseline - 2013/2014 wildlife survey and habitat suitability modeling results, Slater River EL462 and EL463 Tulita District, Sahtu Region, NWT. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 326 pp.

- Linnen, C., **L. Glines**, K. Allen, J. Kevinsen. 2014. North Saskatchewan River Valley biodiversity monitoring program, August 2014. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 88pp.
- Linnen, C., **L. Glines**, K. Allen, S. Allard. 2013. Biophysical baseline – 2012/2013 vegetation survey and ecological land classification, Slater River EL462 and EL463 Tulita District, Sahtu Region, NWT. October 2013. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 59 pp.
- Linnen, C., **L. Glines**, K. Allen. 2013. Biophysical baseline – 2012/2013 wildlife survey and habitat suitability modeling results, Slater River EL462 and EL463 Tulita District, Sahtu Region, NWT. October 2013. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 78pp.
- Glines, L.**, C. Linnen, A. Olenick. 2012. Biophysical baseline – vegetation all-weather access road and associated facilities Slater River EL462 and EL463 Tulita District, Sahtu Region, NWT. October 2012. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 58pp.
- Linnen, C., M. McPherson, **L. Glines**. 2013. Environmental assessment plan: CanEra pipeline right of way, Tatagwa 07-07-06-15 to 01-27-06-16 W2M. September 2013. Prepared by MWH Canada (Saskatoon) for CanEra Energy Corp. 32 pp.
- Linnen, C. **L. Glines**, K. Allen, J. Kevinsen. 2013. Weed management plan: facilities associated with the North Saskatchewan River Valley. May, 2013. Prepared by MWH Canada (Saskatoon) for Husky Oil Operations Limited. 96pp.
- Glines L.**, C. Linnen. 2013. Oil and gas project proposal: 9-23-08-02 W2M well site and 2-23 to 16-23 8-2 W2M and 9-23 to 1-24-08-02 W2M flowlines. January 2013. Prepared by MWH Canada (Saskatoon) for Harvest Operations Corp. 24pp.
- Glines, L.** 2012. BHPB Jansen 13-24-34-21 W2M application for acknowledgment of reclamation, 131 /13 24-034-21 W2, well license 08G619. December 2012. Prepared by MWH Canada (Saskatoon) for BHP Billiton Canada Inc. 153 pp.
- Glines, L.M.** 2012. Woody plant encroachment into the grasslands of the Red Deer River drainage, Alberta. M.Sc. thesis, Department of Biological Sciences, University of Alberta, Edmonton. 149 pp.
- Glines L.**, S. Eggemen, A. Bohm, H. Spaedtke , M. Hebblewhite, E. Merrill. 2011. Red Deer River Valley Ecotone and Elk Project: Final Progress Report, 1 July 2011. University of Alberta and Montana, 109 pp
- Glines L.**, A. Bohm, S. Eggemen, E. Merrill, M. Hebblewhite. 2010. Red Deer River Valley Ecotone and Elk Project: Second year progress report, June 2010. University of Alberta. 24 pp.
- Glines L.**, S. Eggemen, E. Merrill, M. Hebblewhite. 2009. Red Deer River Valley Ecotone and Elk Project: First year progress report, June 2009. University of Alberta. 17 pp.

Professional Affiliations

Alberta Society of Professional Biologists: Professional Biologist (P.Biol) 2015

Language Proficiencies

English, French (basic)

Presentations

- Dombroskie, L.** Hemlock woolly adelgid and hemlock health overview. Guest lecture, South Hill Elementary School 3rd grade class, 25 October 2018, Ithaca, NY.
- Dombroskie, L.,** and C. Drury. Introduction to ArcGIS. FORCES Membership Gathering, annual meeting, 30 September 2018, Glimmerglass State Park, NY.
- Dombroskie, L.,** and C. Drury. Terrestrial and aquatic invasive plant identification. FORCES Membership Gathering, annual meeting, 30 September 2018, Glimmerglass State Park, NY.
- Dombroskie, L.,** and C. Drury. Goldenrod identification in the Finger Lakes region. FORCES Membership Gathering, annual meeting, 30 September 2018, Glimmerglass State Park, NY.
- Dombroskie, L.,** Oaks, K., Minett, T., and J. Isnardi. FORCES in the Finger Lakes Region: an overview and season summary. NYS OPRHP Growing Season Summary, annual meeting, 7 August 2018, Sonnenberg Gardens and Mansion State Historic Site, NY.
- Dombroskie, L.** Winter hardiness and grit. FORCES Membership Gathering, annual meeting, Fillmore Glen State Park, NY. October 1, 2017
- Dombroskie, L.** Habitat suitability analysis in GIS. FORCES Membership Gathering, annual meeting, 1 October 2017, Fillmore Glen State Park, NY.
- Dombroskie, L.,** and K. Broz. Red-backed salamander surveys. FORCES Membership Gathering, annual meeting, 1 October 2017, Fillmore Glen State Park, NY.
- Dombroskie, L.,** Liao, J., Grewal, J., and N. Henderson. FORCES in the Finger Lakes region: an introduction and season summary. NYS OPRHP Growing Season Summary, annual meeting, 15 August 2017, Ganondagan Historic Site, NY.
- Dombroskie, L.** Salamander walk. FORCES Trainapalooza, annual meeting, 31 May & 1 June 2017, Watkins Glen State Park, NY.
- Glines, L.** Woody plant encroachment into grasslands within the Red Deer River drainage, Alberta. Eastern Slopes of the Rocky Mountains Stakeholders Meeting, 9 March 2012, Sundre, AB
- Glines, L.** Woody plant encroachment into grasslands within the Red Deer River drainage, Alberta. M.Sc. Public seminar, 21st November 2011, Edmonton, AB.
- Glines, L.,** E. H. Merrill and C. White. Shifting landscapes: 50 years of grassland change in the montane region of the upper Red Deer River, Alberta. Alberta Chapter of The Wildlife Society, annual meeting, AB, March 11 - 13, 2011, Camrose, AB.
- Glines, L.,** Merrill, E., and C. White. Implications of a changing montane landscape: assessing the capacity for the YHT elk herd. Alberta Chapter of The Wildlife Society, annual meeting, 14 March 2010, Red Deer, AB.

Posters

- Collings, J., Davalos, A., and **L. Dombroskie.** Assessment of *C. rossicum* management in State Parks. North American Congress for Conservation Biology, Toronto, ON, Canada, 23 July 2018.
- Glines, L. M.,** and E. H. Merrill and C. White. Shifting Landscapes: 50 years of grassland change in the montane region of the upper Red Deer River, Alberta. Canadian Society for Ecology and Evolution conference, Banff, Alberta. 14-16 May 2011
- Glines, L. M.,** and E. H. Merrill and C. White. Shifting Landscapes: 50 years of grassland change in the montane region of the upper Red Deer River, Alberta. R.E. Peters Student Conference, University of Alberta, Edmonton, Alberta, 17-18 March
- Glines, L.** Merrill, E. Implications of a changing montane landscape: assessing nutritional carrying capacity for elk (*Cervus elaphus*) of the Red Deer River Valley. International Congress for Conservation Biology, Edmonton, AB, 3-7 July 2010
- Glines, L.,** Merrill, E., and C. White. Grassland dynamics: investigating cause and consequences of woody plant encroachment, Alberta Chapter of The Wildlife Society, Edmonton, AB. 14 March 2009.

Awards and Honors

MWH Canada Spot Bonus: Contributions to Proposals (2014)
Alexander Graham Bell Canada Graduate Scholarship – Masters (NSERC) (2009)
Walter H Johns Graduate Fellowship (2009)
Queen Elizabeth II Scholarship (2008, 2010, 2011)
NSERC Undergraduate Research Assistantship (2008)
Julia O Hrapko Scholarship in Plant Ecology (2008)
Dept. Biological Sciences GTA scholarship (2008, 2010, 2011)
Harvey Undergraduate Scholarship (2007)
Biol. 350 Field Course Scholarship, University of Saskatchewan (2007)
Dean's List, University of Saskatchewan (2006-2007)

Work Experience

FORCES Program Specialist (April 1 2017 to April 2019)

New York State Office of Parks, Recreation, and Historic Preservation (NYS OPRHP)

- Assist staff and researchers with environmental management, ecological studies and environmental education & outreach
- Recruit and co-supervise for-credit, work-study, and/or volunteer interns through the FORCES program. Develop and facilitate diverse array of student projects, and provide training at events.

Field Technician (March 5 2016 to August 31 2016)

Virginia Polytechnic Institute and State University

- Monitored a population of endangered red-cockaded woodpeckers at Camp Lejeune, NC. Duties included banding adults and nestlings, re-sighting colour bands, monitoring reproductive success, and using radio telemetry to follow juveniles.

Biologist (July 2012 to April 2015)

MWH Canada, Inc.

- Field surveys including vegetation inventory, rare plant surveys, avian point-counts, and winter wildlife tracking, in addition to environmental monitoring in Saskatchewan and the Northwest Territories.
- Written works, including pre-disturbance, phase I environmental site assessments, baseline biophysical and biodiversity studies, acknowledgement of reclamation packages, oil and gas project proposals, as well as marketing materials
- ArcGIS products including basic map documents, ecological land classification (ELC) using a combination of air photo interpretation and digitization; spatial analyses including habitat suitability analysis (HSA) models.

Field Technician (May to July 2012)

University of Alberta

- Camera trap surveys in the boreal forest by helicopter and canoe for the Wildlife Habitat Effectiveness and Connectivity (WHEC) project in Fort McMurray, AB, CA.
- Side-project: rabbit/hare pellet survey in northern AB for long-term dataset

Field Technician

(July to September 2011)

University of Alberta

- Vegetation sampling in the Mt. St. Helens area, WA, U.S.A. to assess elk nutrition. Work included identification and biomass sampling of all graminoid, forb, shrub and tree species in sample plots, in addition to tree density and height estimates within Weyerhaeuser logging areas.

Researcher

(August 2008 to November 2011)

University of Alberta, Edmonton

- Vegetation surveying and sampling at the Ya Ha Tinda ranch
- Elk pellet density counts and telemetry for long-term dataset on habitat use
- Aerial photograph analysis using ArcGIS software, and statistical analyses. A M.Sc. thesis was produced from this work, as well as progress reports submitted to Parks Canada and the Alberta Conservation Association. Presented research at conferences.

Teaching Assistant

(Sept 2008 - May 2009; Sept 2010 to Dec. 2011)

Department of Biological Sciences

- Led lab lectures and guided students in conducting fieldwork and in learning material related to this work, developed a mid-term quiz and graded lab reports and assignments for this junior level course titled General Ecology (Biol. 208).

Field Technician

(July to August 2008)

Department of Biological Sciences

- Assisted collection of vegetation data (ID, biomass) for deer habitat assessment as part of chronic wasting disease (CWD) research in Chauvin, AB. Assessed browse condition at the Ya Ha Tinda ranch and began vegetation sampling (biomass and species ID of forbs, graminoids, shrubs, and trees) in addition to conducting elk telemetry.

Field Technician

(May to July 2007 & 08)

University of Saskatchewan

- Collected data pertaining to reproductive success as part of a long-term data set (clutch size, periodic chick weights, banding) in addition to other questions related to the provisioning behavior of adult Northern Flickers, Mountain Bluebirds and Tree Swallows.

Teaching Assistant

(January to May 2008)

University of Saskatchewan

- Answered questions regarding the lab material, assisted students with assignments, and graded quizzes, spot tests and the final lab exam for the introductory course titled The Diversity of Life (Biol. 121).

Lab Assistant

(May to August 2005; May to August 2006)

Canadian Food Inspections Agency (CFIA)

- 2005: Verified a method for detecting *Trichinella* in meat. This work involved carefully conducting laboratory experiments and visual concentration to count worms. Duties were performed independently and within a small group environment.
- 2006: Lyophilized, cataloged, and databased a backlog of serum samples.

Program Proficiencies

ArcGIS, MS Word, MS Excel, MS PowerPoint, MS Publisher, SPSS, StataSE, SYSTAT, SigmaPlot, R (basic), MS Access (basic)

Licenses, Certifications, and Workshops

- NY Pesticide Technician, Class 3a
- CPR and First Aid
- Class D New York Driver's License
- Get Started with Species Distribution Modelling in Maxent, Udemy
- Binary and Weighted Habitat Suitability Analysis, Udemy
- MS Access 2016: Essential Training
- Hemlock Woolly Adelgid Workshop, New York State Hemlock Initiative
- Identification of Plants in Winter, New York Flora Association.
- iMapInvasives Certified Trainer
- Winter Wildlife Tracking Course
- Trailer Hauling Course
- Animal Care Certification, University of Alberta, level 1
- Green Defensive Driving Course
- Fire Extinguisher Usage Course
- Petroleum Safety Training Program (PST)
- WHMIS (Workplace Hazardous Material Information System)
- H₂S Alive
- Ground Disturbance II
- Wildlife Awareness
- ATV training
- Saskatchewan Workplace Inspections
- Incident Investigations in Saskatchewan Workplaces
- Husky Energy Safety Orientation
- ConocoPhillips' Northern Exposure Awareness
- ConocoPhillips' Ice Road Safety Awareness Course
- ConocoPhillips' Arctic HSE Orientation

Volunteer Activities

- Associate Member of the Town of Ithaca Conservation Board (July 2018-present)
- Town of Ithaca Deer Advisory Committee, Conservation Board Representative (January 2018)
- SIPS BioBlitz, Cayuga Nature Center, NY. One of two members on the Lepidoptera identification team (September 8th & 9th 2017).
- Voting Member of the Town of Ithaca Conservation Board (February 2017)
- Worker Member of the Occupational Health and Safety Committee (Dec. 2014 to April 2015)
- Algonquin Park Christmas Bird Count (Jan. 4, '13, Dec. 30, '16, Dec. 30 '17, Dec. 20, '18)
- Wolf collaring and snow tracking methodology comparison (December 16-21, 2013)
- Mentor for incoming MSc student in the U of A Biological Sciences dept. (Sept-April 2009/10)
- Alberta Chapter of The Wildlife Society Conference (2009): audio/visual technician
- Download of GPS collar data and ungulate pellet count surveys for wolf predation study (August 2009)
- Let's Talk Science, sixth grade class (2009): developed & delivered 'Fire Ecology with Pine Cones' lab.
- Bioscan 2008: Organized & delivered tours/interactive biology-based sessions for the public
- 17th Annual International Biology Olympiad (August '07): Supervised exams & graded exams
- Disease vector study (June 2005): day trip to Saskatchewan Landing to collect ticks

Interests

Hiking, camping, backpacking, canoeing, snowshoeing, downhill skiing, volleyball, soccer, photography, sketching, birding, native plant landscaping/restoration, wild edibles