



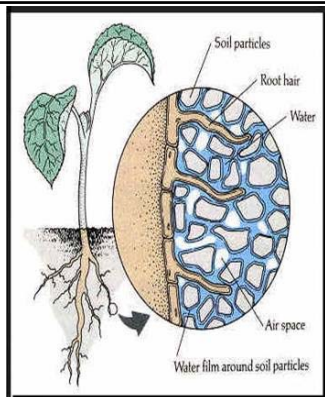
NRES WEEKLY NEWS

March 31 - April 4, 2008

A newsletter for faculty, staff and students
 who participate in the
Natural Resources & Environmental Studies Institute
 and NRES Graduate Programs

COMING EVENTS

NRESI RESEARCH COLLOQUIUM SERIES



Tomorrow

Dr. Brian Pickles

Ecosystem Science and Management Program
 UNBC

Spatial Ecology of Scots Pine Ectomycorrhizas

Ectomycorrhizal (ECM) fungi are important components of forest ecosystems. ECM and their associated mycelial systems are the main organs of water and nutrient uptake for many forest trees. They are a major factor in carbon movement to the soil ecosystem, and important contributors to soil respiration. ECM fungal assemblages are species rich, and there is good reason to believe that their taxonomic diversity reflects important functional diversity. However, we know little about the way in which ectomycorrhizas formed by different ECM fungi are distributed below-ground. Such information is important if we are to understand how communities of ECM fungi are structured, whether spatial patterning exists, and if such patterns reflect the life history and growth form of ECM fungal species, their autecology, and possible interactions (e.g. facilitation, interference, resource competition). The work discussed here comprises a detailed examination of the spatial ecology of ECM fungi in a 120 year old Scots pine stand using a combination of morphological and molecular approaches, repeat sampling, and geostatistical analysis.

Friday, March 31, 2008

3:30 - 4:30 pm

Lecture Theatre 7-150

Light Refreshments will be Served

NOTE
 day & room change

Dr. Jun Zhu

Department of Statistics
 University of Wisconsin - Madison

Next THURSDAY

Statistical Modeling in Forest Entomology: Space, Time and Multiple Species

Thursday, April 3, 2008

3:30 - 4:30 pm

Lecture Theatre 6-205

Light Refreshments will be Served

COMING EVENTS

GLOBAL FRIDAYS

March 28
Room 6-305
12:00 - 1:30 pm

John Young
Political Science Program, UNBC

“Religious Pluralism and Civil Society in Russia”

PUBLICATIONS

Hall, K., Guglielmin, M., and Strini, A. 2008. Weathering of granite in Antarctica I: Light penetration in to rock and implications for rock weathering and endolithic communities. *Earth Surface Processes and Landforms* 33: 295-307.

André, M-F., **Hall, K.**, and **Arocena, J.** 2008. Stone runs in the Falklands: Periglacial or tropical? *Geomorphology* 95: 524-543.

Hall, K., Guglielmin, M., and Strini, A. 2008. Weathering of granite in Antarctica II: Thermal data at the grain scale. *Earth Surface Processes and Landforms* 33: 475-493.

Arocena, J., **Hall, K.**, and Meiklejohn, I. 2008. Minerals Provide Tints and Possible Binder/Extender In Pigments In San Rock Paintings (South Africa). *Geoarchaeology* 23: 293-304.

Johnson, C.J., and **M.P. Gillingham.** 2008. Sensitivity of species-distribution models to error, bias, and model design: An application to resource selection functions for woodland caribou. *Ecological Modelling* 213: 143-155.

Lakeman, T., Clague, J., **Menounos, B.**, 2008. Advance of alpine glaciers during final retreat of the Cordilleran ice sheet in the Finlay River area, northern British Columbia, Canada. *Quaternary Research* 69: 188-200.

New NRESi Occasional Paper Available

Rees, W.E. 2008. Let's Get Serious about (Un)Sustainability (Or is it already too late?). NRESi Occasional Paper No. 2.

Occasional Papers can be downloaded from www.unbc.ca/nres/occasional.html

We're on the web at
www.unbc.ca/nres/newsletter

REMINDER: Share your information about recent publications, grants, and/or other honours you may have received with others interested in NRES issues.

PLEASE EMAIL ALL INFORMATION AND MATERIAL TO ELISSA ZEMLAK: zemplak@unbc.ca