



WIREWORM WORKSHOP BOZEMAN • TUESDAY MARCH 12, 2014

MSU is offering this one-day wireworm workshop for those interested in learning how to identify and sample wireworms. The workshop covers the basics of identification of Northwestern economically important click beetles and wireworms, hands on experience with identifying specimens to the generic and species level for both life stages, and an overview of sampling methods for both larvae and adults. Lunch is provided. Registrants will receive a map to the facilities at MSU and parking instructions.

REGISTRATION [please print clearly]:

Name: _____ Email: _____ Telephone: _____
Street Address: _____
City / State / Zip: _____

Workshop fee: \$ 20.00 (non-refundable after March 5th)

Total enclosed: \$ _____

Return completed form to:

**Wireworm Workshop
Plant Sciences and Plant Pathology
P.O. Box 173150, MSU
Bozeman, MT 59717-3150 or Fax (406) 994-7600**

Respondents will be notified if they are accepted, please bring either a check made or cash to the workshop For more information, contact Kevin Wanner, email: (kwanner@montana.edu), phone: (406) 994-7267, or Michael Ivie, email: (mivie@montana.edu), phone: (406) 994-4943.

Schedule:

- 08:30 – 09:00 Check-in (coffee, tea, fruits, muffins, and croissants)
- 09:00 – 09:30 Opening remarks and “Taxonomic difficulties associated with Elateridae”
Michael Ivie, Montana Entomology Collection
- 09:30 – 10:00 Frank Etzler “Characters of adults: tips on how to identify click beetles”
- 10:00 – 11:00 Click beetles hands on: identifying genera
- 11:00 – 12:00 Click beetles hands on: identifying economic species
- 12:00 – 01:00 LUNCH BREAK
- 01:00 – 01:45 Anuar Morales-Rodriguez “Sampling techniques of wireworms and click beetles”
- 01:45 – 02:15 Frank Etzler “Characters of larvae: tips on how to identify wireworms”
- 02:15 – 04:15 Wireworms hands on: differentiating species and wireworm types
- 04:15 – 04:30 Final comments and collaborative work discussions