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- Registration Packet/ Detailed Agenda/ General Information
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- Course Evaluation

#1: What is EBIPM – Sheley

- EBIPM Cheat Sheet (In binder pocket)
- EBIPM Glossary

Recommended Reading:

- Sheley, R.L., E.A. Vasquez, J.J. James, & B. Smith. 2009. Applying ecologically-based invasive plant management. (submitted).*
- James, J.J., R.L. Sheley, E.A. Vasquez, & B. Smith. 2009. Principles for ecologically-based invasive plant management. (submitted).*

#2: Goals & Objectives – Boyd

Recommended Reading:

- Hollick, M. 1993. Self-organizing systems and environmental management. Environ. Mgmt. 17:5 621-628.*
- C. S. Boyd and T. J. Svejcar. 2009. Managing complex problems in rangeland ecosystems. Rangeland Ecol. & Mgmt. (in press).*

#3: Assessment Guidelines - Vasquez

Recommended Reading:

- Sheley, R. L. et al. 2009. Linking rangeland health indicators to EBIPM. (submitted)*
- Pyke, D. A., J. E. Herrick, P. Shaver and M. Pellant. 2002. Rangeland health attributes and indicators for qualitative assessment. J. Range Manage. 55: 584-597.*
- Circle Bar Soils Map
- Ecological Site and Vegetation

4: Site Availability – James/ Morris

Recommended Reading:

- Harper, J. L., J. T. Williams, and G. R. Sagar. 1965. The behavior of seeds in soil I. The heterogeneity of soil surfaces and its role in determining the establishment of plants from seed. *Journal of Ecology* 53:273-286.
- Turnbull, L. A., M. J. Crawley, and M. Rees. 2000. Are plant populations seed-limited? A review of seed sowing experiments. *Oikos* 88:225-238.
- Swetnam, T. W., C.D. Allen, J.L. Betancourt. 1999. Applied historical ecology: Using the past to manage for the future. *Eco. Appl.* 9(4):1189-1206.

- Worksheet/ supplemental material for field exercise to demonstrate manipulating disturbance to favor desired species

#5: Species Availability – Davies

Recommended Reading:

- Davies, K. W. and R.L. Sheley. 2007. A conceptual framework for preventing the spatial dispersal of invasive plants. *Weed Sci.* 55:178-184.
- Clark, J. *Invasive Plant Prevention Guidelines*. www.weedcenter.org.
- Pokony, M.L. & J.M. Krueger-Mangold. 2007. Evaluating Montana's Dyer's Wood (*Isatis tinctoria*) cooperative education project. *Weed Tech.* 21: 262-269.
- Chambers, J. C. & J. A. MacMahon. 1994. A day in the life of a seed: Movements and fates of seeds and their implications for natural and managed systems. *Ann. Rev. Ecol. Syst.* 25:263-92.

- Granite Seed Catalog (in binder pocket)
- Revegetation Guidelines for the Great Basin: Considering Invasive Weeds (in binder pocket)
- Starting A Weed Prevention Area – Step by Step Guide

#6: Species Performance (A) - James

Recommended Reading:

- Grime, J. P. 1998. Benefits of plant diversity to ecosystems: Immediate, filter and founder effects. *Journal of Ecology* 86:902-910.
- Grotkopp, E., M. Rejmanek, and T. L. Rost. 2002. Toward a causal explanation of plant invasiveness: Seedling growth and life-history strategies of 29 pine (*Pinus*) species. *American Naturalist* 159:396-419.

- Species performance worksheet
- N-cycle handout

#7: Species Performance (B) - Monaco/Svejcar

Recommended Reading:

- Frost, R. & K.L. Launchbaugh. 2003. Prescription grazing for rangeland weed management. *Rangelands*. 25:43-47
- Sheley, R. L. & T. J. Svejcar. 2009. Response of bluebunch wheatgrass and medusahead to defoliation. *Rangeland Ecol. & Mgmt.* 62: 278-283.
- Hendrickson, J. and B. Olson. 1996. Understanding plant response to grazing. Chapter 4 In: *Targeted Grazing: A natural approach to grazing*. Entire book available online at <http://www.cnr.uidaho.edu/rx-grazing/Handbook.htm>
- Morris, C., T.A. Monaco and C. W. Rigby. 2009. Variable impacts of Imazapic rate on Downy Brome (*Bromus tectorum*) and seeded species in two rangeland communities. *Invasive Plant Sci. & Mgmt.* 2:110-119.

- EBIPM Grazing Guideline

#8: EBIPM in Practice – Sheley, James, Smith

Recommended Reading:

- Sheley, R. L., J.J. James, and E.C. Bard. 2009. Augmentative restoration: repairing damaged ecological processes during restoration of heterogeneous environments. *Inv. Plant Sci. & Management*. 2:10-21.
- Reever- Morghan, K.J., R.L. Sheley and T.J. Svejcar. 2006. Successful adaptive management – The integration of research and management. *Rangeland Ecol. Manage.* 59:216-219.

- Adaptive Management Guidelines
- Pad of Paper and Pen (in binder pocket)