

*Draba globosa*

# 2010 Montana Plant Conservation Conference

Sponsored by the Montana Native Plant Society & the University of Montana

February 9 and 10, 2010

University Center Theater, third floor, University of Montana, Missoula

Join us at the University of Montana in Missoula for the 2010 Montana Plant Conservation Conference. The first day of the conference will be devoted to acquiring new tools for protecting natural resources and managing threats to biological diversity. The morning of the first day will be an introduction to three on-line plant database resources followed by hands-on instructional workshops (be sure to bring your laptop with wireless card if you have one). That afternoon there will be a symposium on the pros and cons of using herbicide to manage weeds in wildlands followed by a panel/audience discussion. The second day of the conference will consist of two workshops. Botanists and resource managers will review the Montana Natural Heritage Program Species of Concern (SOC) list, providing new information on distribution and threats and suggestions for rank changes. That afternoon the Important Plant Areas (IPA) Committee and others who wish to attend will work to develop vegetation-based IPA criteria and evaluate at least one IPA nomination. Amateur and professional botanists alike can contribute to both workshops and help protect our state's natural heritage. **And please bring your own cup for coffee or tea**—this is a conservation conference!

## Schedule

### Tuesday, February 9

**8:30–9:30 Registration**

**MONTANA ON-LINE DATABASES FOR PLANT CONSERVATION** *Peter Lesica, Division of Biological Sciences, University of Montana, Moderator*

**9:30–9:50 Let Your Fingers Do the Walking: the University of Montana On-line Database** *Zia Maumenee, Division of Biological Sciences, University of Montana and Peter Lesica*

**9:50–10:10 Accessing and Using Montana Natural Heritage Program Web Services for Plant Information** *Allan Cox, Montana Natural Heritage Program*

**10:10–10:30 INVADERS Database System for Initiation of Early Detection & Rapid Response to New Invaders** *Peter M. Rice, Division of Biological Sciences, University of Montana and Jane Mangold, Montana State University Extension Service*

**10:30–10:45 Break**

**10:45–12:30 Hands-on Database Training.** BRING YOUR LAPTOP with WIRELESS! We will break out into three rooms (one for each database), and presenters will train you to use their databases one-on-one.

**12:30–1:30 Lunch** on your own. There are more than a dozen places to eat within ten minutes of the University Center (a guide will be provided at the door).

**WHEN SHOULD WE USE HERBICIDE TO MANAGE WILDLANDS?** *Steve Sutherland, USDA Forest Service, Moderator*

**1:30–1:50 Spotted Knapweed Control Effort Imperils Native Plants** *Matt Rinella, USDA Agricultural Research Service, Fort Keogh, Miles City*

**1:50–2:10 Non-target Plant Species' Response to Broad-leaf Herbicide Treatments** *Peter Rice, Division of Biological Sciences, University of Montana*

**2:10–2:30 Efficacy of a Common Herbicide Treatment for Mitigating Impacts of Knapweed Invasion** *Yvette Ortega, USDA Forest Service, Rocky Mountain Research Station*

**2:30–2:50 Break**

**2:50–3:10 Plateau Herbicide and Re-seeding After a Wildfire on Mt. Sentinel** *Marilyn Marler, Division of Biological Sciences, University of Montana; Cara Nelson and Elizabeth Crone, University of Montana College of Forestry; and Heather Whiteley, Environmental Studies Department, University of Montana*

**3:10–3:30 Why are Non-target Effects of Herbicides so Hard to Understand?** *Elizabeth Crone, College of Forestry, University of Montana*

**3:30–4:45 Panel and Audience Discussion** *Panel members: Elizabeth Crone, Andy Kulla (Lolo National Forest), Bruce Maxwell (Montana State University), Yvette Ortega, Dean Pearson (Rocky Mountain Research Station), Peter Rice, Matt Rinella*

**4:45–5:00 Discussion Summary** *Steve Sutherland*

### Wednesday, February 10

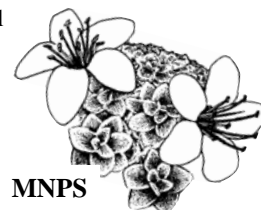
**8:30–12:00 Workshop: Threats and Ranks of Montana's Plant Species of Concern** *Scott Mincemoyer, Montana Natural Heritage Program, Moderator*

We will review all the SOC species, updating the threats, threat category, and state Heritage ranks. Botanists and managers accomplish this task by contributing new information for species they manage. Please review the SOC list before you come at <http://mtnhp.org/SpeciesOfConcern/?AorP=p>. This is important work because this list directs conservation actions by both agencies and NGOs.

**12:00–1:00 Lunch** on your own

**1:00–3:30 Workshop: Montana's Important Plant Areas** *Karen Shelly and Peter Lesica, University of Montana, Moderators*

Karen will lead a discussion on developing protocols and criteria for designating IPAs based on plant communities. Peter will review the criteria and nomination form developed last year for species-based IPAs. After that the IPA Committee will review at least one nomination. This could result in the designation of Montana's first Important Plant Area.



MNPS

# REGISTRATION FORM

# 2010 Montana Plant Conservation Conference

University Center, third floor, University of Montana, Missoula

Please return your registration form and check by February 2, or you can register at the door.

Name(s): \_\_\_\_\_  
 Organization: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

## Registration Fee:

\$25 per person; \$20 MNPS member; \$5 student

Send completed form and check made out to Montana Native Plant Society to:

MNPS Conference  
 c/o Marirose Kuhlman  
 P.O. Box 692  
 Florence, MT 59833

## Accommodations

Many of these are listed on the Missoula Chamber of Commerce website, missoula-chamber.com. Distances listed are for walking. Lodgings are organized according to proximity to campus, closest first. Cheapest is asterisked.

**Goldsmith's Bed and Breakfast**, 809 E. Front St., Missoula, 59802  
 866-666-9945, www.goldsmithsinn.com, Single, \$79-\$119; Double, \$89-\$129  
 Right across river from campus

**Ponderosa Lodge**, 800 E. Broadway, Missoula, 59802  
 406-543-3102/877-543-3102, ponderosalodgemt.com, Single, \$60; Double, \$65  
 (conference rate), 2 blocks from campus

**Thunderbird Motel**, 1009 E. Broadway, Missoula, 59802  
 406-543-7251/800-952-2400, No website, Single/double, one bed, \$60; 2 beds, \$75,  
 and goes up in increments of \$5, 2 blocks from campus

**Holiday Inn Riverside (Holiday Inn Express)**, 1021 E. Broadway, Missoula,  
 59802, 877-863-4780, www.holidayinn.com, look for Holiday Inn Express  
 Single, \$119; double, same, 2 blocks

**Campus Inn**, 744 E. Broadway, Missoula, 59802  
 406-549-5134/800-232-8013, www.campusinnmissoula.com, Single, \$62; Double,  
 \$68, 2 1/2 blocks to campus

\* **Motel 6**, I-90 at Van Buren Street, Exit #105, 630 E. Broadway, Missoula, 59808  
 406-549-2387, www.motel6.com, Single, \$48, double, \$54; suites, \$70  
 2 1/2 blocks

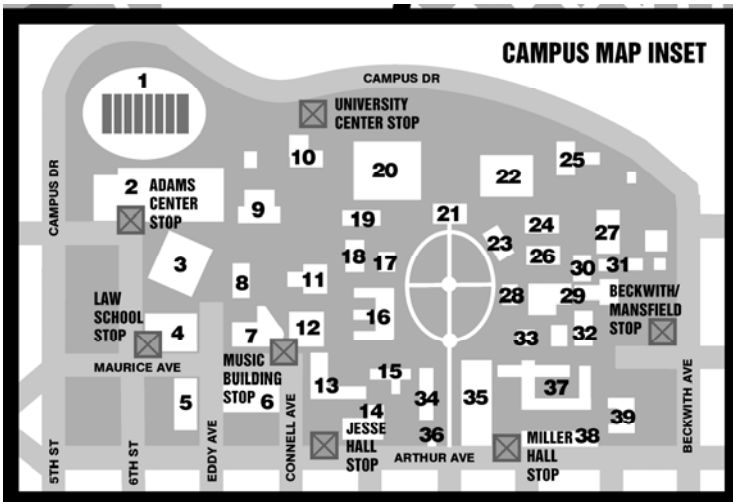
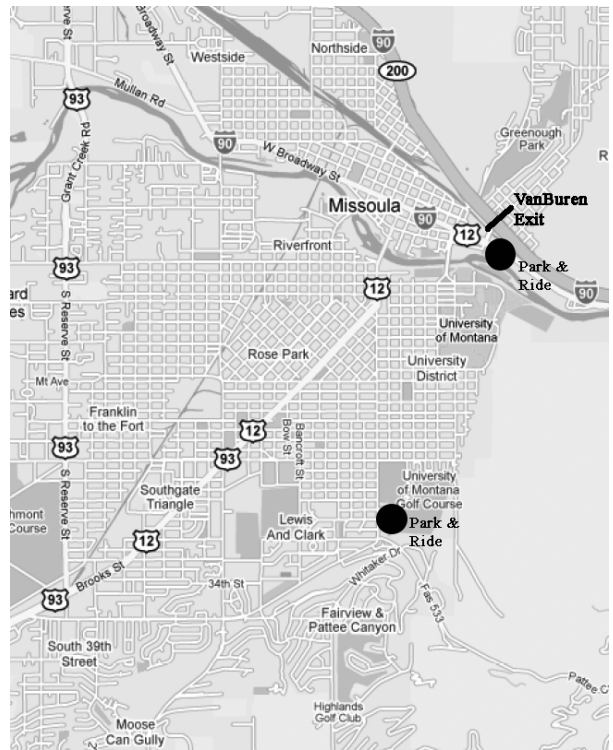
**Doubletree Hotel**, 100 Madison, Missoula, 59802  
 406-728-3100/800-222-TREE, www.missoulaedgewater.doubletree.com  
 Single, \$149; Double, \$159 (gov't rates w/ ID, \$91, \$101), 3 blocks

**Nydia's house**  
 406-721-9878, nydiav@gmail.com, \$50-\$70 (private residence that has a few extra  
 rooms; full kitchen, shared bath), 3 blocks

**Blossom's Bed and Breakfast**, 1114 Poplar, Missoula, 59802  
 406-721-4690, stay@blossomsbnb.com, www.blossomsbnb.com  
 Single/Double: \$110-\$145, but possible conf. rates (ask for Blossom/Troy)  
 4 blocks from campus (7-minute walk)

**Holiday Inn**, 200 S. Pattee St., Missoula, 59802, 406-721-8550/888-HOLIDAY,  
 www.himissoula.com, Single, \$119 plus tax, 3 or 4 blocks to campus

- |                        |                      |                          |
|------------------------|----------------------|--------------------------|
| 1- Grizzly Stadium     | 14- Jesse Hall       | 27- Clapp Science Bldg   |
| 2- Adams Center        | 15- Turner Hall      | 28- Math                 |
| 3- PAR-TV              | 16- Liberal Arts     | 29- Skaggs               |
| 4- Law School          | 17- Rankin Hall      | 30- Chemistry            |
| 5- Curry Health Center | 18- Anderson Hall    | 31- Clinical Psychology  |
| 6- Gallagher Business  | 19- Botany           | 32- Health Sciences      |
| 7- Music               | 20- Univ.Center/Todd | 33- International Center |
| 8- Education           | 21- Main Hall        | 34- Knowles Hall         |
| 9- McGill Hall         | 22- Library          | 35- Lommasson Center     |
| 10- Aber Hall          | 23- Honors College   | 36- Native American St.  |
| 11- Social Science     | 24- Forestry         | 37- Craig/Duniway/Elrod  |
| 12- Fine Arts          | 25- Schreiber Gym    | 38- Miller Hall          |
| 13- Corbin/Brantly     | 26- Old Journalism   | 39- Pantzer Hall         |



## Parking

Attempting to park on campus or in the neighborhoods around campus is not recommended, even with a parking permit. Out of town attendees staying at a nearby motel should walk to campus from there. Otherwise, use the Park-and-Ride. Park in one of the lots (see map) and take the free bus to campus. Busses run every 20 minutes from the north Park-and-Ride lot and every 10 minutes from the south lot. More information can be obtained from the University of Montana website <http://map.umt.edu/>.