BOTANY 401
VASCULAR FLORA OF WISCONSIN
http://botany.wisc.edu/courses/botany_401/
Spring 2014

Lecture:	T Th	9:55-10:45 p.m.	Birge 346	Kenneth J. Sytsma kjsytsma@wisc.edu
Laboratory:				
301	M W	1:30-3:30 p.m.	Birge 243	John Zaborsky jzaborsky@wisc.edu
302	T Th	1:30-3:30 p.m.	Birge 243	Jeff Rose jrose3@wisc.edu

Office Hours:

Kenneth J. Sytsma	Birge 250	11-12 T Th or by appointment (262-4490)
John Zaborsky	Birge 258	11-12 T or by appointment (262-4422)
Jeff Rose	Birge 258	12-1 W or by appointment (262-4422)

Texts:

Voss, E.G. & Reznicek, A.A. 2012. *Field Manual of Michigan Flora*. University of Michigan Press. Ann Arbor. ISBN 9780472118 [$25 via University of Michigan Press online]

Black, M.R. and E.J. Judziewicz. 2009. *Wildflowers of Wisconsin and the Great Lakes Region A Comprehensive Field Guide*. University of Wisconsin Press. Madison - just published guide specific to Wisconsin; nicely illustrated with descriptions, diagnostic features, and biogeographical distributions. ISBN 9780299230 [approximately $25 on Amazon]

Optional: (copies are available in the lab; check them out to see if you want to purchase)

Cobb, B., E. Farnsworth, and C. Lowe. 2005. *Ferns of Northeastern and Central North America. 2nd edition. [Peterson Field Guides]*. Houghton Mifflin, Boston, MA. – the best up-to-date guide to ferns and their relatives. ISBN 06183949600

Harris, J. G. and M. W. Harris. 1994. *Plant Identification Terminology. An Illustrated Glossary*. Spring Lake Publ. Spring Lake, Utah. ISBN 0964022168

Barnes, B.V. and W.H. Wagner, Jr. 2003. *Michigan Trees: A Guide to the Trees of the Great Lakes Region*. University of Michigan Press – one of the best books on trees (and some shrubs) of this area. ISBN 0472089218

Petrides, G. A. 1986. *Peterson Field Guides: Trees and Shrubs*. Houghton Mifflin Co. - superb guide to all woody plants (trees, shrubs, vines) in NE and N Central USA and adjacent parts of Canada. ISBN 0395175798

Purchase a hand lens, forceps and dissecting kit for use in the lab — all are available at the University Bookstore.

Grading:

400 points possible

Class participation (20 points). You will be graded based on attendance in both lecture and lab! The nature of the course and the material covered necessitate keeping up with the topically linked lectures and labs. Talk to the instructor or TA in advance of missing class or need to attend a different section of lab.

1 written report (30 points) on a vascular species in Wisconsin considered Endangered, Threatened, or Special Concern due on **April 15**. See handout for more information.

2 lecture/lab examinations (180 points total, 90 points each) on **March 3-4** and **April 21-22**. The examinations will be during the laboratory session.

1 field final examination (90 points) during exam week (**May 10-16**). Scheduling to be done later.

Forest site plant collection and report (80 points) due during exam week (**May 10-16**). See later handout on forest plots for more information — but site should be chosen no later than Mar 12-13 before Spring Break.

Field Trip:

An optional half to full day field trip to a mesic hardwood forest and dry prairie in southern Wisconsin will be given on **Saturday, April 26**. We will see plants and communities that will have been discussed during class.