Course Meeting Times
Kottman Hall 382
After Spring Break (3/23/16 - 4/20/16): Wednesdays: 2:20 – 5 p.m., Field Trips

Course Instructor
Susan M. Rasche
614-565-8568 (cell)
rasche.4@osu.edu
Office: 384 Kottman Hall
Office hours: T/R 2:30 – 3:30 p.m., and by appointment

Course Description
This course will help students develop a broad understanding of Ohio’s native plants and animals, Ohio’s geology and geography, and the interrelationships between and among them. Students will develop research and observational skills associated with Ohio’s natural history.

Course Goals:
Upon completion of this course, students should be able to:
- Understand the abiotic and biotic components of Ohio’s natural history
- Understand the relationship between the abiotic and biotic components of Ohio’s ecosystems, including the influence of man
- Identify a range of Ohio species and landforms

Course Objectives
- Students will describe and explain Ohio’s geologic and climatic history and their influence on plant and animal communities.
- Students will identify and describe the ecology of Ohio’s common ecosystems and identify the plants and animals which inhabit them.
- Students will study the influence of man on the natural history of Ohio.

Course Text
The Ohio Academy of Science. Columbus, OH
NOTE: any edition will be acceptable, including CD
Attendance
Attendance and punctuality are required and expected. If you need to miss a class, please inform
the instructor in advance or have a written excuse for your absence from the Student Health
Center. If you miss a class, you are responsible for copying the notes from a fellow classmate
and then seeing the instructor if you have any questions. If you have an unexcused absence for a
presentation or test, your grade will be entered as a zero.

Class Format
Classes will be a combination of lectures and field trips. Discussion and questions are welcome;
you sit amongst a synergistic group of your peers. Remember; always have a passion for what
you are learning!

Disability Accommodations
The Office for Disability Services will be relied upon to notify the instructor of the need for
accommodation of a registered disability. If you need an accommodation based on the impact of
a non-registered or temporary disability, please inform me so that we can discuss the class
format, anticipate your needs, and explore potential accommodations.

Tests, Exams, Assignments, and Values

<table>
<thead>
<tr>
<th>Item</th>
<th>Point Value</th>
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<tbody>
<tr>
<td>Subject Tests (3)</td>
<td>100 each</td>
</tr>
<tr>
<td>Midterm Test</td>
<td>200</td>
</tr>
<tr>
<td>Plot Study</td>
<td>300</td>
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<tr>
<td>Comprehensive ID Test</td>
<td>200</td>
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<tr>
<td><strong>Total points possible</strong></td>
<td><strong>1,000</strong></td>
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Notes:
- Tests will cover both lecture and text material. Makeup tests will be offered only under
  extreme circumstances.
- Assignments are due at the beginning of class on the assigned date. Late assignments
  will be devalued by 5% of their grade per day, including weekends.
- Writing skills ALWAYS count! Points will be taken off for poor composition and poor
  spelling.
- Please make sure you cite and give credit for ALL material you use in your work,
  including that which is gathered from the internet.
- Faculty rule 3335-5-54 will be followed in the case of academic misconduct. Basically,
  don’t cheat, don’t plagiarize, and don’t be foolish enough to think I will let these kinds of
  actions slide.

Plot Study Assignment (due Ap. 20):
- to be completed by a team of two students
- see guidelines posted on Carmen
Course Schedule

Mon., Jan. 11:
  Introduction
  Chapters 1, 4 and 17

Wed., Jan. 13:
  Geology – Dennis Hull, hull.135@osu.edu
  Chapter 2

Mon., Jan. 18:
  MLK Day - No Class

Wed., Jan 20:
  Pleistocene – Dale Gnidovec, gnidovec.1@osu.edu
  Chapter 3

Mon., Jan. 25:
  **Subject Test** on Chapters 1 – 5 and 17
  Weather – Ben Gelber, BGelber@wcmh.com (3 p.m.)
  Chapter 5

Wed., Jan 27:
  Ohio’s Unique Natural History – Guy Denny,
  guydenny@centurylink.net, www.onapa.org
  Chapters 7 - 15, and 19

Mon., Feb. 1:
  **Midterm Test** on Chapters 7-15, and 19

Wed., Feb. 3:
  Mushrooms- Julie Powell Albright,
  juliepowell16@yahoo.com, www.morethanmorelmushrooms.co/home

Mon., Feb. 8:
  Non-flowering plants – Bob Klips, klips.1@osu.edu

Wed., Feb. 10:
  Wildflowers – John Watts, watts@metroparks.net

Mon., Feb. 15:
  Woody Plants/Trees – Andrew Boose, boose@metroparks.net
  Leaf ID Key to 88 Ohio Trees

Wed., Feb. 17:
  **Subject Test** – Flora

Mon., Feb. 22:
  Arthropods – George Keeney, keeney.1@osu.edu

Wed., Feb. 24:
  **Fish** – Brian Zimmerman,
  smbass444@yahoo.com, www.ZimmermansFish.com

Mon., Feb. 29:
  Amphibians and Reptiles – John Watts

Wed., Mar. 2:
  Birds – Matt Shumar, ohio1b2mb@gmail.com

Mon., Mar. 7:
  **Mammals – Barbara Ray**, bray@ohiowildlifecenter.org

Wed., Mar. 9:
  **Subject Test** - Fauna
Mon./Wed., Mar. 14, 16
No Class - Spring Break

Wed., Mar. 23:
Field Trip: Trees - Dave Apsley, apsley.1@osu.edu,
meet at Highbanks Metropark

Wed., Mar. 30:
Field Trip: Birds – John Watts
meet at ? TBA

Wed., Ap. 6:
Field Trip: Streams – Debbie Ruppersburg, ruppersburg@metroparks.net
meet at Big Darby Metropark

Wed., Ap. 13:
Field Trip: Wildflowers – Debbie Ruppersburg
meet at Big Darby Metropark

Wed., Ap. 20:
**Comprehensive ID Test** – in classroom
**Plot Study DUE**