Introduction to Aquatic Plants
Monday evening – Thursday evening
August 20 – 23
This is a hands-on feet-wet survey of the habitats and lifestyles among higher plants of lakes, streams and marshes in northern Michigan. This residential program is held at the U-M Biological Station, east of Pellston, where simple lodging and excellent meals are included.
Instructor: Edward G. Voss, Ph.D.; Curator Emeritus, Herbarium; Author Michigan Flora
Fee: $400 Members and U-M Students, ($480 Non-members) includes lodging, meals, lab and instructor fees.
#07-AE-41

Arb Ramble
Saturday, September 1, 9:30 – 11:30 am
Join local naturalist Robert Ayotte on a walk through Nichols Arboretum examining the full flush of summer leaves.
Instructor: Robert Ayotte
Fee: $4 Members and U-M Students ($5 Non-members)
#07-AE-42

Forest and Landscape Ecology
2 classes – dates below

We’ll focus on studying forest ecosystems and their woody plant communities, past, present and future. The landscape ecosystem approach is emphasized. In this approach, we examine the geology, landform, and soil of the area and relate these ecosystem components to the occurrence of vegetation of each ecosystem. As ecological detectives, we’ll look for the effects of natural and human disturbances of wind-storm, fire and fire exclusion. The presence of forest regeneration by seedlings and sprouts will allow us to estimate successional trends for the future. We’ll visit old-growth ecosystems and second-growth forests on outwash plain, moraine and ice-contact landforms.
Instructor: Burt Barnes, Forest Botanist, Matthaei Botanical Gardens

Forest and Landscape Ecology,
Class 1
Saturday, September 8, 8:30 am – 12:30 pm
Saturday, September 15, 9 am – 1 pm
This class is for those who are new to Dr. Barnes’ field classes. The first session will include an introduction to forest and landscape ecosystems and will then move to Radrick Forest and Fen. The second session will meet at the Eddie Discovery Center in the Waterloo Recreation Area. Specific location, map and description of the area will be provided at the first class meeting.
Fee: $64 Members and U-M Students ($80 Non-members)
#07-AE-43

Forest and Landscape Ecology,
Class 2
Sundays, September 9, 16, and 23, 1–4:30 pm
This class is for those who have taken Dr. Barnes’ Fall 2006 Forest Ecology class through MBGNA. The first session will meet at the Botanical Gardens for an orientation and drive to Miller’s Woods. This woodland near Plymouth is the only old-growth remnant of beech-sugar maple forest ecosystem that once occupied most of the mesic landscapes in our vicinity. The second session will be held at the Waterloo Recreation Area. We will examine ice-contact terrain of swamp kettles and upland features. Boots or shoes to get wet in are recommended. The third session will visit a remarkably diverse wetland and upland sites west of Dexter. (Maps, specific locations and brief descriptions will be provided at the previous session.)
Fee: $84 Members and U-M Students ($105 Non-members)
#07-AE-44

Yoga at the Gardens
This Vinyasa Yoga class is a flowing sequence of sun salutations and postures coordinated with music. Class will be at a moderate pace. For students with yoga experience. Held in the auditorium of Matthaei Botanical Gardens.
Please enter from the west entrance and bring a yoga mat and bath-sized towel. Instructor: Janine Bennett, Certificate from White Lotus Foundation, Santa Barbara CA; Instructor of Inward Bound, Ann Arbor, MI

Section 10
Mondays, noon – 1 pm
September 10, 17, 24, October 1, 8, and 15
Fee: $48 Members and U-M Students ($60 Non-members)
Drop-ins welcome, $10/class
#07-AE-45

Section 11
Mondays, noon – 1 pm
October 22, 29, November 5, 12, 19, and 26
Fee: $48 Members and U-M Students ($60 Non-members)
Drop-ins welcome, $10/class
#07-AE-46

Michigan Mushrooms
Lecture: Tuesdays, September 11, 18, 25, and October 2, 7:15 – 9:15 pm
Field Trip: Saturdays, September 15, 22, 29, and October 6, 9 am – noon
Wild mushrooms are studied through slide lectures which concentrate on their natural history, identifying characteristics, and edible and poisonous qualities. The course also includes field trips to collect mushrooms in four different natural areas. Each trip ends with display, identification, and discussion of the morning’s finds, plus sautéing and tasting some of the edibles. Former students may register either for the complete course or for the field trips only.
Instructors: Robert Shaffer, Ph.D., Curator Emeritus of Fungi, Herbarium, U-M; and Jocelyn Shaffer
Fee: Lectures and Field Trips $148 Members and U-M Students ($185 Non-members)
Field trips only $96 Members and U-M Students ($120 Non-members)
#07-AE-47 Lectures and Field Trip
#07-AE-48 Field Trip only
Beginning/Gentle Yoga
This class is for students new to yoga, or those who prefer a gentle pace. Class will focus on yoga fundamentals including basic stretching, postures, relaxation and integration of breath and movement. Held in the auditorium of Matthaei Botanical Gardens. Bring a yoga mat and bath-sized towel.
Instructor: Janine Bennett, Certificate from White Lotus Foundation, Santa Barbara, CA; Instructor at Inward Bound, Ann Arbor, MI.

Section 3
Wednesdays, noon – 1 pm
September 12, 19, 26, October 3, 10 and 17
Fee: $48 Members and U-M Students
($60 Non-members)
#07-AE-49

Section 4
Wednesdays, noon – 1 pm
October 24, 31, November 7, 14, 21 and 28
Fee: $48 Members and U-M Students
($60 Non-members)
#07-AE-50

Wednesday A.M. Hiker- Fall
September 19, 26, October 3, 10 and 17, 9 am – noon
Weekly hikes take the inquisitive plant seeker to the more remote habitats of woods and wetlands. Edible plants and mushrooms, as well as the interesting plants and intriguing habitats of little-known and out-of-the-way places, are emphasized in our usual academic but playful atmosphere. Wear long pants, long-sleeved shirt, and sturdy shoes. Stay the last day for a potluck lunch.
Instructor: Ellen Elliott Weatherbee, M.A., former head of Adult Education Program, MBGNA; wetland and protected plants consultant.
Fee: $120 Members and U-M Students
($150 Non-members)
#07-AE-51

Shrubs of Southeastern Michigan
Wednesday, September 19, 7 – 9 pm and Sunday, September 23, 1 – 4 pm
Shrubs are some of the most interesting (and least known) of the common woody plants. They provide food and cover for wildlife; they heal disturbed areas by acting as pioneers in woody plant succession; they prevent erosion along edges of waterways; and they contribute a natural buffer to woodlots. With the help of this knowledgeable and enthusiastic instructor, shrubs will take on a new importance.
Instructor: Sylvia Taylor, PhD. Botany
Fee: $40 Members and U-M Students
($50 Non-members)
#07-AE-52

Arb Ramble
Saturday, October 6, 9:30 – 11:30 am
Join local naturalist Robert Ayotte on a walk through Nichols Arboretum examining the Nuts of the Arb: Walnuts and Butternuts.
Instructor: Robert Ayotte
Fee: $4 Members and U-M Students
($5 Non-members)
#07-AE-53

Prairie Walks
Saturday, October 6
At Matthaei Botanical Gardens from 1 – 3 pm
At Nichols Arboretum from 4 – 6 pm
Join us on this informative and enjoyable tour with a passionate guide. Discover the richness of the prairie – its plants and history. This tour is offered at two locations: Matthaei Botanical Gardens and Nichols Arboretum. The prairies at these sites are very different. Take both tours and discover for yourself!
Instructor: Aunita Erskine, MBGNA Docent, Master Gardener, City of Ann Arbor Park Steward, Furstenberg Prairie Demonstration Garden
Fee: $4 Members and U-M Students
($5 Non-members)
#07-AE-54 at Matthaei Botanical Gardens
#07-AE-55 at Nichols Arboretum

Fall Color Walk at MBG
Saturday, October 13, 10 am – noon
Fall’s colors are truly spectacular. Spend a relaxing morning on a guided walk observing this seasonal show of color. Learn a bit about the physiology of trees that signals the advent of winter.
Instructor: Judy Dluzen, MBGNA staff
Fee: $4 Members and U-M Students
($5 non-members)
#07-AE-56

In-Between Seasons
Wednesday, October 24 and 31, 9 am – noon
Take a relaxing break from holiday preparations to keep botanically sharp and in shape for holiday “pig-outs.” These field trips feature invigorating hikes to little-known nature areas, state land, or turn-of-the-century classic botany localities. Plants, habitats, and people encountered will be identified and enjoyed. Come dressed to be outdoors for both sessions. Stay the last day for a potluck lunch.
Instructor: Ellen Elliott Weatherbee, M.A., former head of Adult Education Program, MBGNA; wetland and protected plants consultant.
Fee: $48 Members and U-M Students
($60 Non-members)
#07-AE-57

Indoor Bulb Forcing
Section 1: Saturday, October 27, 10 am – noon
Section 2: Monday, October 29, 7 – 9 pm
One of the many ways to combat winter dreariness is to force bulbs for continuous color and fragrance. Learn how easy it is to grow perfect pots of flowers. Several pots of bulbs will be planted including amaryllis, daffodils, hyacinths, paper whites, and tulips. Bring a box to take home the pots; everything else is supplied.
Instructor: Adrienne O’Brien, MBGNA staff
Fee: $48 Members and U-M Students
($60 Non-members)
Section 1: #07-AE-58
Section 2: #07-AE-59

Continued on pg 13
Arb Ramble

Saturday, November 3, 9:30 - 11:30 am
Join local naturalist Robert Ayotte on a walk through Nichols Arboretum examining the Oak Hickory Forest.
Instructor: Robert Ayotte
Fee: $4 Members and U-M Students ($5 Non-members)
#07-AE-62

A Little Latin Lesson

Thursday, November 8, 7 – 9 pm
Do you suffer from BNAD (Botanical Name Anxiety Disorder)? If so, this is the class for you. You will learn why using botanical names is important. You will be amazed at how many botanical names you already use without realizing. Even more common names are simply anglicized versions of the Latin. Then we’ll explore some of the botanical names for plants commonly found in home gardens, woods, cityscapes, etc. By the end of the class, you will feel more confident about using botanical names. No memorization, drill work or other drudgery will be involved.
Instructor: Dorothea Coleman, MBGNA staff
Fee: $16 Members and U-M Students ($20 Non-members)
#07-AE-61

Families, Scouts, & Youth Groups

Prairie Explorer Walk at Matthaei Botanical Gardens

Sunday, October 14, 1 – 4 pm
Interpretative guides and a Prairie Activity booklet will lead you on a fascinating exploration of Matthaei Botanical Gardens' Demonstration Prairie. Discover the amazing range of native plants and animals that call this unique habitat their home. Discover how a prairie is different from a forest or a field. For children ages 7-12 with an adult. Registration required.
Instructors: MBGNA Docents
Fee: $4.80 per child or adult Members ($6 per child or adult Non-members)
#07-YE-4

Discover the World of Plants at Matthaei Botanical Gardens

Thursday Evenings, October 4 through December 6, 6 – 7:30 pm
Explore our conservatory with plants from around the world, follow a scavenger hunt, and create a simple terrarium. This is a great way to introduce everyone to the world of plants. For groups of 5 to 12 children ages 6 to 10 with an adult.
Fee: $6.40 per child Members ($8 per child Non-members)

Rapid Ecological Assessment in the Huron River Watershed

As part of its Biosphere Reserve Project, the Huron River Watershed Council (HRWC) has identified over 1700 sites in the watershed that contain potentially important natural areas. HRWC has developed a rapid assessment procedure to evaluate the ecological status of these. Participants in this class will learn to conduct a rapid ecological assessment of areas including wetlands, grasslands, forests, and aquatic habitats, and will gain broadly applicable skills in ecological assessment. Sessions will include an introduction to Michigan's natural plant communities, outlines of what to look for in different community types, field trips to practice assessments, and some basics of plant identification. Following the class, participants may choose to volunteer for the HRWC project, but the class is open to anyone interested. Experience in plant identification or field biology is helpful but not required.
Instructor: Jacqueline Courteau, Ph.D., ecological consultant to the Huron River Watershed Council.
Class time and instructor/material fee to be determined. Most likely 3 to 4 class sessions of two to three hours each will be offered evenings or weekends in September or October. Please check our web site for more information.

Collaboration continues with the Ann Arbor Art Center. Please check our web site for soon to be scheduled classes.
Here’s How to Register:

Phone: 734-647-7600
Tuesday, Thursday – Sunday: 10 am – 4:30 pm
Wednesday: 10 am – 8 pm
Mondays: Closed

Fax: 734-998-6205. Send completed registration form with credit card information.

Mail: MBGNA – University of Michigan
1800 N. Dixboro Rd.
Ann Arbor MI 48105

On-line: www.mbgna.umich.edu

In Person: Stop by the Information Desk at Matthaei Botanical Gardens during the hours listed above.

Make checks payable to “MBGNA.”
Class spaces will be reserved when registration form and payment are received and processed.

Note: Adult Education classes are open to those at least 16 years of age. Classes meet as designated at Matthaei Botanical Gardens or Nichols Arboretum. Classes may meet off-site (call for location and directions if you miss a class). Field trips may be physically challenging – call the Gardens if you have questions about the difficulty of any class or trip. Classes are popular and fill quickly – early registration is suggested.

Are You a Member?
To become a member of Matthaei Botanical Gardens and Nichols Arboretum, send a separate check made out to “MBGNA.” Fees are $55 for a family membership, $45 for a single membership, and $20 for University students.

Refunds:
To be eligible for a refund:

Adult Education: Withdrawal notification must be received seven days prior to first class and two weeks prior to a trip. Refunds are subject to processing fees of $15 per class and $35 per trip (no refunds for single date classes or lectures).

Youth Education: Withdrawal notification must be received three days prior to the class and is subject to a processing fee of $4/class.

We are sorry but refunds are not available for any class with a fee of $5 or less.

<table>
<thead>
<tr>
<th>Name:</th>
<th>Home Phone:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email:</td>
<td>Work Phone:</td>
</tr>
<tr>
<td>Parent’s name (if student is under 18):</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td>City:</td>
</tr>
</tbody>
</table>

- [ ] Member of Friends of MBGNA (Member Exp. Date )
- [ ] Nonmember
- [ ] U-M student: (Student ID Number )
- [ ] New Address

<table>
<thead>
<tr>
<th>Student’s Name</th>
<th>Class Code</th>
<th>Also attending (if family class)</th>
<th>Class Fee</th>
<th>U-M Student or Member Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total

Payment:
- [ ] Check made payable to: MBGNA
- [ ] Visa  [ ] Mastercard  [ ] Discover

Card # ____________________ Exp. Date _______
Cardholder Signature ____________________