

## ECOSCAPER LEVEL II FIELDWORK

Complete a minimum of 2 items.

This is intended to be a listing of appropriate fieldwork and project items to complete Ecoscaper II certification. If you would like to suggest an alternative fieldwork or project item which is not listed, please do not hesitate to submit it to the Ecoscaper Certification Committee for consideration and approval.

Although much of the fieldwork and some of the projects were developed to be accomplished in conjunction with the local Wild Ones chapters, we are aware that we have many members who are not affiliated with chapters. So, as you go about developing your fieldwork and your project, please feel free to contact environmental organizations with which Wild Ones has established a liaison relationship to accomplish the requirements of the program. If you are not sure what organizations are partnering with Wild Ones on this program, please contact [ecoscaper@for-wild.org](mailto:ecoscaper@for-wild.org) for specific information or to suggest a local organization with which to establish a liaison.

1. Volunteer a property for a Chapter Garden Tour
  - a. Contact local Wild Ones Chapter Program Chair and offer property (yours or another's property with property owner's permission) as site for Show Me-Help Me Day program.
  - b. Prepare a handout for attendees which includes the following: (Example: <http://www.for-wild.org/download/touryard.pdf>)
    - (1) A description of the site, its history and how you determined soil amendments, if any.
    - (2) List of known plants (native and non-native) on site indicating both common and Latin names including rationale behind placement of plants.
    - (3) description of usual maintenance efforts including any problem areas
    - (4) description of landscaping plan including any unusual obstacles and special goals and how it meets the recommendations of the acronym BRASH. (<http://www.for-wild.org/download/bretrapp/city2.html>)
    - (5) description of future landscaping plans including methods by which it will meet the recommendations of BRASH.
  - c. Have attendees sign guestbook.
  - f. Write a brief description of the event including discussion points, new information brought out, things that went especially well or that were problematic from a staging perspective, suggestions for future garden tours.
  - g. Submit copy of handout and copy of guestbook.
  
2. Organize a Natural Area Tour within 100 miles of your community
  - a. Contact the Chapter Program Chair and explain the member certification process and volunteer to organize a tour of a natural area tour or hike. Ask him/her if he/she would be willing to sign a document acknowledging your efforts.
  - b. Supervise arrangements for transportation and get financial arrangements approved through the chapter financial committee.
  - c. Supervise the preparation of any handouts and notifying members about the tour.

- Supervise publicity including news releases and placement of posters.
  - Supervise placement of signage for day of sale.
  - d. Whether bus, caravan or individual tours, on day of tour, be on hand to greet participants as they arrive. Make certain materials and refreshments are offered to the participants, answer questions which might arise and make sure all attendees are accounted for.
  - e. Upon completion of a tour of a natural or restored native landscaped area, prepare in +/- 300 words a description of your efforts.
    - (1) when, where, why and with which organization
    - (2) the flora and fauna observed using both common and Latin names
    - (3) tell us about the ecoregion; diagrams or maps may included (with source information). Include reference lists and excerpts (photocopies) to help us verify accuracy and understand more about the area. Items that you might include are:
      - (a) Which of the TNC Ecoregions do you live in (show us on a map)
      - (b) What are the general characteristics of this region? Soil types, climatic conditions, elevation ranges, etc.
      - (c) Are there sub-regions or other ecoregion designations for the specific area where you live (for example state ecoregion maps)?
      - (d) Are there names for different parts of this ecoregion (such as Mississippian Plateau, etc)
      - (e) Describe the various plant communities of this ecoregion giving examples of representative plants for each area.
    - (4) at least three new things you learned while on the tour
  - f. Submit copy of waiver of liability form signed by all participants. (Example: <http://www.for-wild.org/download/guidebook/0050OriginalForms/005gEventWaiver.doc>)
3. Participate in a plant rescue and transplant donated plants to local receiving area (<http://www.for-wild.org/download/plantrescue/plantrescue.html>)
- a. If you have not already signed up for participation in plant rescues conducted by your local Wild Ones chapter, do so.
  - b. If there are not already donation receiving facilities identified by the local chapter, develop one or more who should be recipients of donated rescued plants, making sure the facility understands the maintenance requirements for accepting the responsibility for these plants and the waiver of liability. This facility might be a local nature preserve, school outdoor learning center, or government facility such as a park, water retention area, utility development, etc.
  - c. Participate in plant rescue, salvaging at least 20 plants appropriate for donation to a specific receiving facility site identified, and transplant to the receiving facility.
  - d. Upon completion of rescue and transplanting, prepare in +/- 100 words a description of the process including
    - (1) when, where, why the plant rescue was conducted
    - (2) when, where, why the donation receiving facility was chosen
    - (3) the flora and fauna observed using both common and Latin names
    - (4) any problems or successes you encountered during this process

4. Plan a native landscaped garden for butterflies
  - a. Show layout, i.d. plants in both Latin and common names, define maintenance procedures, etc. References: *Landscaping with Native Plants and Wild Ones* Website, <http://www.for-wild.org>.
    - (1) Some of these questions may require referencing other materials such as books, internet sites not listed. Please list your additional sources and provide the web address if applicable.
  - b. Define a site (yours or any other site). Draw a rough sketch of the outline of the site (we don't expect you to be an artist) and include the types of habitats that border the property. (suburban, industrial, wooded, etc.). This diagram will be used later and submitted with your answers to questions below.
    - (1) Reference *Landscaping with Native Plants*, pg. 12-14.
    - (2) Include a listing of additional resources used to complete this requirement.
  - c. Answer the following questions in a paragraph or two:
    - (1) In most parts of the United States, you can find roughly 100 species of butterflies near your home. Why is attracting butterflies and other pollinators beneficial to your landscape?  
[http://www.xerces.org/Pollinator\\_Insect\\_Conservation/Poll\\_Why\\_Care.htm](http://www.xerces.org/Pollinator_Insect_Conservation/Poll_Why_Care.htm)
    - (2) Name five butterflies indigenous to your area  
[http://www.enature.com/guides/select\\_Butterflies.asp](http://www.enature.com/guides/select_Butterflies.asp)
    - (3) Butterflies need food for both the caterpillar and adult stages. These plant food sources can be found in annuals, perennials, trees and shrubs.
      - (a) Name at least 5 caterpillar host plants  
[http://www.xerces.org/Pollinator\\_Insect\\_Conservation/Poll\\_Why\\_Care.htm](http://www.xerces.org/Pollinator_Insect_Conservation/Poll_Why_Care.htm).
      - (b) Name at least 5 native plants that supply adult nectar sources.
      - (c) Butterflies need salt and minerals in their diet. How will you supply this source?  
[http://www.xerces.org/Pollinator\\_Insect\\_Conservation/butterflygarden.htm](http://www.xerces.org/Pollinator_Insect_Conservation/butterflygarden.htm) & <http://for-wild.org/download/corr1.html>
    - (4) Pesticides are harmful to humans as well as wildlife. What are some of the dangers of pesticide use for wildlife, even if used 'as directed'? <http://www.for-wild.org/land/nbirdscaping.html> and <http://www.beyondpesticides.org/>.
    - (5) Looking over your site, describe the type of plants you will be using on the site. List common and Latin names of plant species.
    - (6) Referring back to your diagram, add the plants and other elements you will be using in your new landscape. You can include a separate "wish list" for future elements. Include this diagram with your completed questions.
    - (7) Briefly list and describe what non-plant elements you've selected for your site and why they are being used.
    - (8) Describe any obstacles from the neighbors or the community which you are likely to encounter and how you plan to overcome them.
  - d. Submit landscape plan along with all documentation.

Reference *Landscaping with Native Plants*. You can search the Wild Ones website for additional information about specific topics at: <http://www.for-wild-org>.

5. If you installed a segment of the landscape plan in Level I, do an update of the plan for level II.
  - a. Submit updated landscape plan.
  - b. Prepare a brief report (+/-300 words) indicating how the design was developed, how it was prepared for planting, the type of plant(s) and/or seed selected using common and Latin names, process used to plant or sow, and future plans for maintenance of the site. Photos or sketches would be helpful. (<http://www.for-wild.org/land/ecotype.html>) (*Landscaping with Native Plants* pg 10-26)
  - c. Explain activities which have occurred since completion of Level I including what specific successes or failures you experienced and what you have learned in the process.

## ECOSCAPER LEVEL II PROJECTS

Complete a minimum of 1 item.

1. Plan a native plant sale (Examples:  
<http://www.for-wild.org/download/guidebook/0040Reference/>)
  - a. Contact the Chapter President and explain the member certification process and volunteer to conduct the sale. Ask him/her if he/she would be willing to sign a document acknowledging your efforts.
  - b. Survey available sources of plants for the sale. Determine various funding requirements and submit to chapter board for final approval of source and any resultant funding requirements.
  - c. Supervise preparation of any handouts or notifying members about the plant sale. Supervise publicity including news releases and placement of posters. Supervise placement of signage for day of sale.
  - d. Supervise accounting procedures used for record keeping purposes.
  - e. On day of plant pick up supervise the greeting of participants. Assist with identifying plants, sorting plants, and depositing with rightful purchasers. Answer questions which might arise.
  - f. Upon completion of the plant sale, prepare in +/- 300 words a description of the day's events including
    - (1) when, where, why and with which organization
    - (2) the three most popular plants sold including common and Latin names
    - (3) at least three new things you learned while participating
  - g. Submit a copy of the final reconciliation sheet for all sales.
  
2. Participate on a Chapter Special Project Committee Related to Native Landscaping
  - a. Prior to the beginning work on the special project, contact the Project Leader and explain the member certification process and volunteer to assist with the project. Ask him/her if he/she would be willing to sign a document acknowledging your participation.
  - b. Assist in preparing any handouts or notifying members about the project. Assist with publicity for project as appropriate.
  - c. Assist leader with handing out materials and refreshments to the participants as work is convened on the project, answer questions which might arise or refer to project leader, etc.
  - d. Upon completion of a of your term, prepare in +/- 300 words a description of the your efforts including
    - (1) when, where, why and with which organization
    - (2) the relationship between the project and native landscaping
    - (3) at least three new things you learned while working on the project
  
3. Organize a group to eradicate invasive species (in your area at a local park, nature preserve, or outdoor learning center)
  - a. Contact the manager of a local nature center, park, or outdoor learning center to offer your assistance in eradicating invasive species from the site. Explain the member certification process to manager and ask him/her if he/she would be willing to sign a document indicating the hours your group worked. Must be at

- least 4 hours.
- b. Prepare a brief report (+/-300 words) indicating type of plant(s) being removed using common and Latin names, process used to eradicate invasive species, any special procedures or precautions taken, and future plans for maintenance of the site. Photos or sketches would be helpful. (<http://www.for-wild.org/native.html> – invasives) (Landscaping with Native Plants pg 23)
  - c. Submit copy of waiver of liability form signed by all participants. (Example: <http://www.for-wild.org/download/guidebook/0050OriginalForms/005gEventWaiver.doc>)
4. Organize a restoration project for a local park, preserve, learning center, or Wild Ones chapter
    - a. Contact the manager of a local nature center, park, outdoor learning center or environmental organization to offer your assistance in restoring the site to native landscaping. Explain the member certification process to manager and ask him/her if he/she would be willing to sign a document indicating the hours your group worked. Must be at least 4 hours.
    - b. Prepare a brief report (+/-300 words) indicating history of the site, description of the existing site including type of soil, plant species, etc., how the design was developed and why, how it was prepared for planting, the type of plant(s) and/or seed selected for the restoration using common and Latin names, process used to plant or sow, and future plans for maintenance of the site. Photos or sketches would be helpful. (<http://www.for-wild.org/land/ecotype.html>) (Landscaping with Native Plants pg 10-26)
    - c. Submit copy of waiver of liability form signed by all participants.(Example: <http://www.for-wild.org/download/guidebook/0050OriginalForms/005gEventWaiver.doc>)
  5. Install garden listed in fieldwork item 5 above.
    - a. Review plan with a local landscape practitioner or experienced native landscaper.
    - b. Provide before and after photos and/or sketches.
    - c. Describe planned steps for next three years including maintenance, weed control, introduction of new plants species, signage and other personalizing amenities, etc
  6. If you installed a garden in Level I, and have done an update for level II, question 6, prepare an article on the development and installation of your garden for placement in the *Wild Ones Journal*.
    - a. Contact Editor and offer to write an article for consideration for placement in *Wild Ones Journal*
      - (1) Confirm with the Editor any specific date requirements.
      - (2) Confirm with the Editor the approximate number of words in the article and if there will be photos and/or graphics included.
    - d. Upon completion of the article and submittal to the Journal, prepare a report to include
      - (1) a copy of the article and anticipated date of publication
      - (2) at least three new things you learned while participating in the activity either from the speaker presentation or the process of developing the presentation