

# MONARCH WATCH

## MONARCH WAYSTATION CERTIFICATION REQUIREMENTS

If your monarch habitat meets or exceeds the general description of a Monarch Waystation set forth below, your habitat may be certified by Monarch Watch as a Monarch Waystation. Upon certification, your habitat will be included in the Monarch Waystation Registry, an online listing of Monarch Waystations worldwide, and you will be awarded a certificate bearing your name and your habitat's unique Monarch Waystation ID number. You may also choose to purchase a weatherproof sign to display, identifying your habitat as an official Monarch Waystation.

**Size.** A suitable Monarch Waystation habitat can be easily integrated with an existing garden. There is no minimum area requirement in order to certify your habitat; however, a truly effective Monarch Waystation will be at least 100 square feet. The total area may be split among several sites at your location and there is no upper limit for the size of a Monarch Waystation habitat.

**Exposure.** Butterflies and butterfly plants need lots of sun; therefore, Monarch Waystations need to be located in an area that receives at least six hours of sun a day.

**Drainage and Soil Type.** Milkweeds and nectar plants will do best in relatively light (low-clay) soils. Good drainage is needed to avoid root rot and provide good aeration of the roots.

**Shelter.** To assure that the maximum number of monarchs survive in your habitat, the plants should be relatively close together. However, they should not be crowded – be sure to follow the planting guides specific to each plant. All monarch life stages need shelter from predators and the elements. Planting milkweeds and nectar plants close together contributes to this shelter for monarchs and other wildlife.

**Milkweed Plants.** To maximize the utilization of your habitat by monarchs, it is desirable to include a number of milkweed species. It is best to have at least 10 plants, made up of two or more species; however, a large number of plants (more than 10) of one species is sufficient. Milkweeds of different species mature and flower at different times during the season. By increasing the number of milkweed species in your habitat you will increase the likelihood that monarchs will utilize your property for a longer period during the breeding season.

**Nectar Plants.** Monarchs, other butterflies, and numerous pollinators need nectar. By providing nectar sources that bloom sequentially or continuously during the season (as many butterfly plants do) your Monarch Waystation can provide resources for monarchs throughout the breeding season and the migration in the fall. A Monarch Waystation should contain at least 4 annual, biennial, or perennial plants that provide nectar for butterflies.

**Management.** You should have a plan to sustain a Monarch Waystation. Specific actions you take will depend on the features of your habitat; however, some general examples include mulching, thinning, fertilizing, amending the soil, removing dead stalks, watering, eliminating insecticide use, removing invasive plant species, and incorporating additional features.

Be sure to visit [www.MonarchWatch.org/waystations](http://www.MonarchWatch.org/waystations) for updated information.

Thank you for your interest and continued support!

**APPLICATION FOR MONARCH WATCH  
MONARCH WAYSTATION CERTIFICATION**

A non-refundable application fee of \$16 is required for each habitat you would like to certify. At this time, please allow 3-6 weeks for processing. An online application is available at [www.MonarchWatch.org/waystations](http://www.MonarchWatch.org/waystations) or you may fill out all three (3) pages of this form completely (print or type) and mail or fax to:

**Monarch Watch c/o NBS • 2701 Centerville Road • Wilmington, DE 19808 • 1-877-687-4878 fax**

**MONARCH WAYSTATION REGISTRATION INFORMATION**  
(this information will be added to the Monarch Waystation Registry)

**Registrant Name(s)** exactly as you would like it/them to appear on the certificate:

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**Habitat Name** (Be creative! e.g., “The Monarch Inn,” “Pete’s Pollinator Patch,” “Grandma’s Garden,” etc.):

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**Habitat City, State/Province, Zip/Postal Code:** \_\_\_\_\_

**Habitat Country:** \_\_\_\_\_ U.S.A. \_\_\_\_\_ Canada \_\_\_\_\_ Other: \_\_\_\_\_

**Habitat Type:** \_\_\_\_\_ Rural \_\_\_\_\_ Suburban \_\_\_\_\_ Urban

**Habitat Location:**

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Business              | <input type="checkbox"/> Home             | <input type="checkbox"/> School                 |
| <input type="checkbox"/> Community Garden/Park | <input type="checkbox"/> Nature Center    | <input type="checkbox"/> Zoo                    |
| <input type="checkbox"/> Farm                  | <input type="checkbox"/> Place of Worship | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Golf Course           | <input type="checkbox"/> Retirement Home  | _____   |

**Habitat Size:**

- |  |   |
|--|---|
| <input type="checkbox"/> Small (less than 200 sq ft) | <input type="checkbox"/> X-Large (1,000-4,999 sq ft)      |
| <input type="checkbox"/> Medium (200-499 sq ft)      | <input type="checkbox"/> Colossal (more than 5,000 sq ft) |
| <input type="checkbox"/> Large (500-999 sq ft)       |   |

**Shelter**

All monarch life stages need shelter from predators and the elements. In the context of a Monarch Waystation, shelter is provided by the variety of the plants and the density, or closeness, of the plantings. Please estimate the number of milkweed and nectar plants (combined) per square yard (3' x 3' area) in your habitat. Depending on the species and size of the plants, densities of 2-10 plants per square yard are probably the most effective.

1     2-5     6-10     11- 20     20+

**Host Plants For Monarchs - Milkweeds** (check all that are present in your habitat):

- |   |  |
|---|--|
| <input type="checkbox"/> Balloonplant ( <i>Asclepias physocarpa</i> )       | <input type="checkbox"/> Narrowleaf Milkweed ( <i>Asclepias fascicularis</i> ) |
| <input type="checkbox"/> Blue Vine Milkweed ( <i>Cynanchum laeve</i> )      | <input type="checkbox"/> Purple Milkweed ( <i>Asclepias purpurascens</i> )     |
| <input type="checkbox"/> Butterfly Milkweed ( <i>Asclepias tuberosa</i> )   | <input type="checkbox"/> Showy Milkweed ( <i>Asclepias speciosa</i> )          |
| <input type="checkbox"/> Common Milkweed ( <i>Asclepias syriaca</i> )       | <input type="checkbox"/> Sullivant's Milkweed ( <i>Asclepias sullivantii</i> ) |
| <input type="checkbox"/> Desert Milkweed ( <i>Asclepias erosa</i> )         | <input type="checkbox"/> Swamp Milkweed ( <i>Asclepias incarnata</i> )         |
| <input type="checkbox"/> Green Antelopehorn ( <i>Asclepias viridis</i> )    | <input type="checkbox"/> Tropical Milkweed ( <i>Asclepias curassavica</i> )    |
| <input type="checkbox"/> Heartleaf Milkweed ( <i>Asclepias cordifolia</i> ) | <input type="checkbox"/> Whorled Milkweed ( <i>Asclepias verticillata</i> )    |
| <input type="checkbox"/> Indian Milkweed ( <i>Asclepias eriocarpa</i> )     | <input type="checkbox"/> Other Milkweed(s)                                     |

**Nectar Plants - Annuals or Biennials** (check all that are present in your habitat):

2 of 3

- |   |   |
|---|---|
| <input type="checkbox"/> Blanket Flower ( <i>Gaillardia</i> spp.)           | <input type="checkbox"/> Pentas ( <i>Pentas</i> spp.)                       |
| <input type="checkbox"/> Cleome ( <i>Cleome</i> spp.)                       | <input type="checkbox"/> Porterweed ( <i>Stachytarpheta</i> spp.)           |
| <input type="checkbox"/> Cosmos ( <i>Cosmos</i> spp.)                       | <input type="checkbox"/> Sweet William ( <i>Dianthus</i> spp.)              |
| <input type="checkbox"/> Floss Flower ( <i>Ageratum</i> spp.)               | <input type="checkbox"/> Thistle ( <i>Centaurea</i> and <i>Cirsium</i> sp.) |
| <input type="checkbox"/> French Marigold ( <i>Tagetes patula</i> )          | <input type="checkbox"/> Verbena/Vervain ( <i>Verbena</i> spp.)             |
| <input type="checkbox"/> Lantana ( <i>Lantana</i> spp.)                     | <input type="checkbox"/> Zinnia ( <i>Zinnia</i> spp.)                       |
| <input type="checkbox"/> Mexican Sunflower ( <i>Tithonia rotundifolia</i> ) | <input type="checkbox"/> Other Annuals or Biennials                         |

**Nectar Plants - Perennials** (check all that are present in your habitat):

- |  |   |
|--|---|
| <input type="checkbox"/> Bee Balm ( <i>Monarda</i> spp.)               | <input type="checkbox"/> Joe-Pye Weed ( <i>Eupatorium purpureum</i> )     |
| <input type="checkbox"/> Black-Eyed Susan ( <i>Rudbeckia hirta</i> )   | <input type="checkbox"/> Mallow ( <i>Malva</i> spp.)                      |
| <input type="checkbox"/> Blazingstar/Gayfeather ( <i>Liatris</i> spp.) | <input type="checkbox"/> New England Aster ( <i>Aster novae-angliae</i> ) |
| <input type="checkbox"/> Boneset ( <i>Eupatorium perfoliatum</i> )     | <input type="checkbox"/> Phlox ( <i>Phlox</i> spp.)                       |
| <input type="checkbox"/> Butterfly Bush ( <i>Buddleia</i> spp.)        | <input type="checkbox"/> Purple Coneflower ( <i>Echinacea purpurea</i> )  |
| <input type="checkbox"/> Caryopteris ( <i>Caryopteris</i> spp.)        | <input type="checkbox"/> Sedum ( <i>Sedum spectabile</i> )                |
| <input type="checkbox"/> Catmint, Catnip ( <i>Nepeta</i> spp.)         | <input type="checkbox"/> Senna, Cassia ( <i>Senna</i> spp.)               |
| <input type="checkbox"/> Coreopsis ( <i>Coreopsis</i> spp.)            | <input type="checkbox"/> Violet ( <i>Viola</i> spp.)                      |
| <input type="checkbox"/> Goldenrod ( <i>Solidago</i> spp.)             | <input type="checkbox"/> Vitex ( <i>Vitex</i> spp.)                       |
| <input type="checkbox"/> Hollyhock ( <i>Alcea</i> spp.)                | <input type="checkbox"/> Other Perennials                                 |
| <input type="checkbox"/> Ironweed ( <i>Vernonia</i> spp.)              |   |

**Sustainable Management Practices**

Maintaining productive monarch habitats requires a management plan. Please indicate which actions you have taken (or will take) to maintain your Monarch Waystation (check all that apply):

- Add other features (e.g., fruit feeders, bee nesting boxes, other host plants, etc.)
- Amend the soil (add nutrients or other materials) to achieve proper conditions before planting
- Eliminate the use of insecticides
- Manage the density of the plot by thinning (removing plants to minimize crowding)
- Mulch around the base of plants to reduce the growth of weeds and retain water
- Remove dead stalks, etc. before the next growing season by mowing, burning, or by hand
- Remove invasive species from the site
- Use natural compost for fertilization
- Water the plot as needed to maintain growth

Once your habitat has been certified you will receive a certificate bearing your habitat's Monarch Waystation ID and instructions for submitting comments and/or photos for display in the Monarch Waystation Registry.

**MONARCH WAYSTATION CONTACT AND PAYMENT INFORMATION**

(this information will be kept private)

**Contact Information**

Organization (if applicable): \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address (certificate and other materials will be sent here): \_\_\_\_\_

City, State/Province, Zip/Postal Code: \_\_\_\_\_

Telephone (w/area code): \_\_\_\_\_

Email Address: \_\_\_\_\_

**Order Information**

I am including payment for the following (U.S. shipping included\*):

Monarch Waystation 9" x 12" Aluminum Sign: \_\_\_\_ (quantity) @ \$24.95 ea. = \$ \_\_\_\_\_

A donation to Monarch Watch: \_\_\_\_ \$10; \_\_\_\_ \$20; \_\_\_\_ \$30; \_\_\_\_ other \$ \_\_\_\_\_

\*International Shipping (outside of the continental U.S.) add \$19.95 \$ \_\_\_\_\_

Monarch Waystation Application Fee \$ 16.00

**Total** \$ \_\_\_\_\_

**Payment and Billing Information**

Payment Method:

\_\_\_\_ Check (check number: \_\_\_\_\_)

\_\_\_\_ Purchase Order (PO# \_\_\_\_\_);

\_\_\_\_ Credit Card (circle type: Visa • MasterCard)

Card Number \_\_\_\_\_ Expiration date: \_\_\_\_\_

Billing Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City, State/Province, Zip/Postal Code: \_\_\_\_\_

Telephone (w/area code): \_\_\_\_\_

Email Address: \_\_\_\_\_

Please double check to make sure all three (3) pages of this application are filled out legibly, completely, and correctly (especially all contact and payment information, should we have any questions) and then mail or fax to:

**Monarch Watch c/o NBS • 2701 Centerville Road • Wilmington, DE 19808 • 1-877-687-4878 fax**

*Thank you for your participation and continued support!*

*- Your Friends at Monarch Watch*