



North Carolina Native Plant Society

Native Plant Habitat Certification Application

Name: Daniel Boone Native Gardens
Street Address: P.O. Box 1705 (for mail, see below for location)
City/State/Zip Code: Boone, NC 28607
County: Watauga
Preferred phone #: n/a
Email address: dbgardens@danielboonenativegardens.org
Website: <https://danielboonenativegardens.org/>

Name(s) and address to appear on certificate:
Daniel Boone Native Gardens
651 Horn in the West Drive, Boone, NC 28607

ABOUT YOUR PROPERTY

Total property size: ~3 acres

Approximate percentage of that area dedicated to North Carolina native plants: ~75% (the rest is lawn/paths)

Number of years you have been working on creating native habitat on your property: 55+ years
(ground-breaking March 13, 1961, dedication on June 29, 1963)

LANDSCAPE PROFILE

TERRAIN: ☒ Level ground ☒ Gentle slope ☐ Steep slope
EXPOSURE: ☐ Primarily sunny ☒ Mixed sun/shade ☐ Primarily shaded

LANDSCAPE FEATURES (check all that are applicable to your garden/yard):

☒ Wooded area	☐ Native grass lawn	☒ Pond/lake
☒ Meadow/prairie	☒ Rock retaining wall	☒ Rock outcropping
☒ Sitting/viewing area	☐ Stream/creek	☒ Garden path
☒ Rock garden	☒ Arbor	☒ Rain garden
☒ Pollinator garden	☒ Moss garden	☐ Other (describe):

Interesting historic features of your property (if applicable):

Squire Boone Cabin (built by Jesse Brown Boone and originally located in the wilderness below Grandfather Mountain), Gatehouse with wrought iron gates forged by a direct descendant of Daniel Boone; the Gardens are adjacent to Hickory Ridge Living History Museum and Horn in the West

NATIVE PLANTS ON YOUR PROPERTY

For NCNPS certification, a native garden must have representation in a minimum of 5 of the 11 plant categories listed below. Plants listed should be native to North Carolina. List scientific as well as common names on this application. As noted in the Introduction, HELP is available if needed!

Note: Examples listed below, an inventory of our plants with pictures can be found online at:

<https://www.plantsmap.com/organizations/daniel-boone-native-gardens>

CATEGORIES

1. Canopy Trees (3 species minimum):

Hardwood forest walk area; *Acer rubrum* (Red Maple), *Aesculus flava* (Yellow Buckeye), *Betula allegheniensis* (Yellow Birch), *Carya tomentosa* (Mockernut Hickory), *Fraxinus americana* (White Ash), *Liriodendron tulipifera* (Tulip Tree), *Magnolia fraseri* (Fraser Magnolia), *Nyssa sylvatica* (Blackgum), *Quercus palustris* (Pin Oak), *Tsuga canadensis* (Eastern Hemlock) and more

2. Understory Trees (3 species minimum):

Amelanchier laevis (Serviceberry), *Cercis canadensis* (Eastern Redbud), *Chionanthus virginicus* (Fringetree), *Cornus florida* (Flowering Dogwood), *C. alternifolia* (Pagoda Dogwood), *Halesia tetraptera* (Silverbell), *Hamamelis virginiana* (Witchhazel), *Ilex montana* (Mountain Winterberry), *Sassafras albidum* (Sassafras), *Styrax americanus* (American Snowbell) and more

3. Shrubs (3 minimum):

Callicarpa americana (Beautyberry), *Calycanthus floridus* (Sweetshrub), *Clethra alnifolia* (Summersweet), *Fothergilla gardenii* (Dwarf Fothergilla), *Ilex verticillata* (Winterberry), *Kalmia latifolia* (Mountain Laurel), *Lindera benzoin* (Spicebush), *Physocarpus opulifolius* (Ninebark), *Vaccinium stamineum* (Deerberry), *Viburnum lantanoides* (Hobblebush) and many others, including at least 7 native rhododendron/azalea species (*Rhododendron catawbiense*, *R. maximum*, *R. carolinianum*, *R. calendulaceum*, *R. vaseyi*, *R. minus*, *R. arborescens*)

4. Herbaceous Flowering Plants: (annuals, biennials, perennials): **Spring-blooming** (3 species minimum):

Amsonia tabernaemontana (Eastern Bluestar), *Aquilegia canadensis* (Red Columbine), *Arisema triphyllum* (Jack-in-the-Pulpit), *Baptisia australis* (Blue Wild Indigo), *Conopholis americana* (Squawroot), *Dicentra eximia* (Wild Bleeding Heart), *Erythronium americanum* (Trout Lily), *Geranium maculatum* (Wild Geranium), *Hexastylis arifolia* (Heartleaf Ginger), *Iris cristata* (Dwarf Crested Iris), *Maianthemum canadense* (Canada Mayflower), *Mertensia virginica* (Virginia Bluebell), *Pachysandra procumbens* (Alleghany Spurge), *Podophyllum peltatum* (Mayapple), *Polygonatum biflorum* (Solomon's Seal), *Sanguinaria canadensis* (Bloodroot), *Thermopsis villosa* (Carolina Bushpea), *Tiarella cordifolia* (Foamflower), *Trillium grandiflorum* (Great White Trillium), *Viola pubescens* (Downy Yellow Violet) and many more

5. Herbaceous Flowering Plants: (annuals, biennials, perennials): **Summer-blooming** (3 species minimum):

Actaea racemosa (Black Cohosh), *Allium cernuum* (Nodding Onion), *Anemone virginiana* (Thimbleweed), *Asclepias tuberosa* (Butterfly Weed), *Coreopsis verticillata* (Whorled Coreopsis), *Echinacea purpurea* (Purple Coneflower), *Filipendula rubra* (Queen-of-the-Prairie), *Liatris spicata* (Dense Blazing Star), *Lilium superbum* (Turk's Cap Lily), *Lysimachia quadrifolia* (Whorled Loosestrife), *Monarda didyma* (Scarlet Beebalm), *Monotropa uniflora* (Indian Pipe), *Oenothera fruticosa* (Sundrops), *Phlox maculata* (Wild Sweet William), *Pycnanthemum incanum* (Hoary Mountainmint), *Rudbeckia hirta* (Black-Eyed Susan), *Saponaria officinalis* (Soapwort), *Scutellaria serrata* (Showy Skullcap), *Stokesia laevis* (Stokes' Aster), *Tradescantia virginiana* (Virginia Spiderwort) and many more

6. Herbaceous Flowering Plants: (annuals, biennials, perennials): **Fall-blooming** (3 species minimum):

Conoclinium coelestinum (Blue Mistflower), *Eutrochium fistulosum* (Joe-Pye Weed), *Helianthus angustifolius* (Swamp Sunflower), *Impatiens capensis* (Orange Jewelweed), *Lobelia siphilitica* (Great Blue Lobelia), *Rudbeckia fulgida* (Orange Coneflower), *Solidago* spp. (Goldenrods), *Symphotrichum nova-angliae* (New England Aster), *Symphotrichum prenanthoides* (Crooked-Stem Aster), *Vernonia noveboracensis* (New York Ironweed) and others

7. Ferns (3 species minimum):

Dedicated Fern Garden: *Adiantum pedatum* (Maidenhair Fern), *Athyrium filix-femina* (Lady Fern), *Matteuccia struthiopteris* (Ostrich Fern), *Dennstaedtia punctilobula* (Hay-scented Fern), *Onoclea sensibilis* (Sensitive Fern), *Osmundastrum cinnamomeum* (Cinnamon Fern), *Polystichum acrostichoides* (Christmas Fern), *Pteridium aquilinum* (Bracken Fern); fern allies, e.g. *Diphasiastrum digitatum* (Running Cedar), *Huperzia lucidula* (Shining Clubmoss)

8. Grasses (3 species minimum):

Eragrostis spectabilis (Purple Lovegrass), *Deschampsia flexuosa* (Wavy Hairgrass), also sedges such as *Carex plantaginea* (Plantain-Leaf Sedge), *Cymophyllus fraserianus* (Fraser Sedge)

9. Vines: Herbaceous or Woody (3 species minimum):

Aristolochia macrophylla (Dutchman's Pipevine), *Campsis radicans* (Trumpet Creeper), *Clematis virginiana* (Virgin's Bower), *Lonicera sempervirens* (Trumpet Honeysuckle), *Parthenocissus quinquefolia* (Virginia Creeper)

10. Mosses & Lichens (3 species minimum):

Present on ground, trees and rocks around the garden, but unsure of species identification

11. Water/Bog (3 species minimum):

Pond and bog garden (which needs work); *Arundinaria gigantea* (River Cane), *Equisetum hyemale* (Scouring Rush), *Iris versicolor* (Blue Flag), *Lobelia cardinalis* (Cardinal Flower), *Sagittaria latifolia* (Arrowhead)

REMOVING INVASIVE PLANTS FROM YOUR LANDSCAPE

For NCNPS certification, a native garden/landscape should be as free as possible of non-native, invasive species. Please list the non-native invasive plants that you have removed, are attempting to remove, and/or are preventing from reproducing by seed from your property:

Known problem plants that have been or are currently being targeted for removal/control include: Bishop's Weed (*Aegopodium podagraria*), Coltsfoot (*Tussilago farfara*), Dame's Rocket (*Hesperis matronalis*), English Ivy (*Hedera helix*), Garlic Mustard (*Alliaria petiolata*), Gooseneck (*Lysimachia clethroides*), Mullein (*Verbascum thapsus*), Multiflora Rose (*Rosa multiflora*), Oriental Bittersweet (*Celastrus orbiculatus*), Periwinkle (*Vinca minor*)

CONSERVATION PRACTICES

At least 6 of the following 12 conservation practices are required for certification. Please check those that apply.

- ☐ 1. Minimize or eliminate lawn areas
- ☒ 2. Compost plant material, such as grass clippings and vegetable peels, in a bin or pile
- ☒ 3. Use mulch to retain moisture
- ☒ 4. Avoid chemical use where possible
- ☒ 5. Use soaker hoses or hand watering rather than overhead sprinkling
- ☒ 6. Control pests naturally by encouraging beneficial insects
- ☒ 7. Capture and utilize rainwater
- ☒ 8. Provide water sources for habitat support
- ☒ 9. Install native plants facing destruction, obtained through organized rescues
- ☒ 10. Allow leaves to remain where they fall
- ☐ 11. Reduce use of lawn maintenance equipment, such as fossil fuel powered movers & blowers
- ☒ 12. Leave older and non-hazardous dead trees in the landscape

(Note: Lawn areas at the Gardens are used for event rentals, such as weddings, to raise funds.)

SUBMITTING YOUR CERTIFICATION APPLICATION

Please feel free to use additional sheets, if necessary, to list your native plants, or use the plant list provided on the website.

Please email (to lmellichamp@carolina.rr.com) at least **5 digital pictures** of your garden. These pictures should show the scope of the garden as well as any special features.

Submission of this form gives the NCNPS permission to use these photos in exhibits, on the NCNPS website, in publicity materials, and in other ways that fulfill the mission of NCNPS. Credit will be given to the person who submitted the application unless another photographer is identified by the applicant.

Are you willing to allow planned visits to your garden (circle one): YES NO

Please enclose your certification program application fee of **\$10** (for NCNPS members) or **\$35** (for non-members, includes a 1-year membership), with checks payable to NCNPS. If you are not a member, we encourage you to join us; please visit <http://www.ncwildflower.org/ncnps/membership/>

To help highlight your native habitat garden/yard, you may purchase a metal sign or granite marker. Pictures of the markers and details on costs may be seen at <http://www.ncwildflower.org/about/markers/>.

Yes, I am interested in purchasing (circle one): METAL SIGN GRANITE MARKER
Payment for this will be requested once your garden has been certified.

Thank you for becoming a NCNPS certified property!
NCNPS Native Plant Habitat Certification Committee

Please forward or mail your completed application to:

Larry Mellichamp, Native Plant Habitat Certification Coordinator
3036 Ventosa Drive, Charlotte NC 28205

Email: lmellichamp@carolina.rr.com

Phone: (704) 536-2704