



State of New Hampshire  
Department of Natural and Cultural Resources  
DIVISION of FORESTS and LANDS  
172 Pembroke Rd. Concord, New Hampshire 03301

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*Visit our website at [www.nhnursery.com](http://www.nhnursery.com) to view pictures  
of seedlings, mature plants, flowers and fruit.*

**Quality seedlings since 1910**

# NH STATE FOREST NURSERY

DIVISION of FORESTS and LANDS

**SPRING  
2019**

**405 Daniel Webster Hwy  
Boscawen NH**

DEPARTMENT OF NATURAL AND CULTURAL RESOURCES  
**DIVISION OF FORESTS AND LANDS**

172 Pembroke Road  
 CONCORD, NEW HAMPSHIRE 03301  
 TEL: (603) 271-2214  
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<http://www.nhnursery.com>

Quality seedlings since 1910

Hello Valued Customers,

Putting together our catalog marks the end of another growing season here at the Nursery. It has been a busy season. The warm temperatures and plentiful moisture made for some great growing conditions, and our seedlings have benefited. Unfortunately so did the weeds, and a lot of effort went into weeding to ensure our seedlings received the maximum benefit.

As anticipated we have an increase in the number of available fir seedlings this year, and we are no longer limiting the quantity you may order. We are also offering a small number of balsam fir 3-2 transplants. Due to their size we are unable to ship them by UPS, however they will be available through county shipments. If you are interested in ordering any of the firs after January 1<sup>st</sup>, we suggest you check our website ([www.nhnursery.com](http://www.nhnursery.com)) for availability. Information is updated daily.

Many of the deciduous trees and shrubs we offer are considered good plants for pollinators, especially those species that bloom between April and early June, such as: red maple, juneberry, buttonbush, hawthorn, beach plum, and pussy willow. Another species of note is bayberry (*Myrica pennsylvanica*). Birds and other wildlife really love the berries, the foliage has a unique fragrance, and the berries can be used for candle making. We have exceptional bayberry seedlings this year.

You can find more information on our web page at [www.nhnursery.com](http://www.nhnursery.com) or you may contact the Nursery directly with any questions or suggestions by phone at (603) 796-2323; by e-mail: [Concord.Nursery@dncr.nh.gov](mailto:Concord.Nursery@dncr.nh.gov); or by regular mail at: 405 Daniel Webster Highway, Boscawen, NH. 03303. Our job is growing seedlings, but our business is serving you. Thank You for your support!

*There will be a few openings for seasonal employees for the shipping season in 2019. If you enjoy working with plants in a farm setting, please give us a call in February. Shipping work starts around April first and lasts 2 – 3 weeks. Work is sorting seedlings part time weekdays and we allow for flexible hours/schedules. Contact the Nursery directly at 796-2323 if you are interested.*

COVER PHOTO: Chickadee on a white pine branch

**CONIFER SEEDLINGS**

**NOTE:** The following are bare root seedlings as opposed to plugs and must be ordered in quantities listed.

**BALSAM FIR, *Abies balsamea*** - The original old-fashioned Christmas tree. Steeple-shaped evergreen tree with soft, flat green to blue-green extremely fragrant needles up to 1" long. Prefers moist, well-drained soils; avoid planting in low areas. Mature height: 50-75'.

**Please check [www.nhnursery.com](http://www.nhnursery.com) for availability if ordering after Jan. 1st**

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
3 yr.	4-7"	\$10	\$20	\$80	\$400	\$600
3 yr.	8-12"	\$15	\$25	\$100	\$500	\$800

3-2 trans. 10-14" \$20 \$50 \$200 **Very limited quantity please check the web site or call before ordering. Shipping is not available for transplants.**

**Please choose Nursery or county pick up for transplants!**

**FRASER FIR, *Abies fraseri*** - Physical characteristics similar to balsam fir but slower growing and good resistance to late spring frosts. These beautiful trees have medium to dark-green needles with a silvery underside. Excellent needle retention for Christmas trees. Prefers moderately well-drained soil on cool sites. Mature height: 50-75'.

**Please check [www.nhnursery.com](http://www.nhnursery.com) for availability if ordering after Jan. 1st**

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
3 yr.	4-7"	\$10	\$20	\$80	\$400	\$600
3 yr.	8-12"	\$15	\$25	\$100	\$500	\$800

**CANAAN FIR, *Abies balsamea phanerolenis*** - Similar to Balsam and Fraser Fir, but has later bud break, therefore tolerant of late frosts. A good choice for low, cold planting sites. Mature height: 50-70'.

Age	Size	Per 10	Per 25	Per 100
3 yr.	6-12"	\$15	\$25	\$100

**CONCOLOR FIR, *Abies concolor*** - Native to the southwest, this tree exhibits blue-green needles up to 3" in length. Becoming popular as a Christmas tree with its striking foliage, good needle retention, and zesty, tangerine fragrance. Prefers well-drained fertile soils. A slow grower, but perfect for the customer looking for one-of-a-kind Christmas tree. Mature height: 70-90'.

Age	Size	Per 10	Per 25	Per 100	Per 500
2 yr.	4-8"	\$10	\$20	\$60	\$250

**DOUGLAS-FIR, *Pseudotsuga menziesii*** - Tall evergreen tree native to western United States. A magnificent tree with soft, 3/4 to 1 1/4" green needles radiating in all directions from the branch. A popular Christmas tree. Susceptible to late spring frost; avoid planting in low areas. Prefers moist, well-drained soils. Excellent response to shearing, one of the fastest growers. Grows best in central and southern NH. Mature height: 60-80'.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	6-10"	\$10	\$20	\$60	\$250	\$400

**WHITE SPRUCE, *Picea glauca*** - Hardy, symmetrical and naturally dense evergreen. Needles 1/2 to 1", blue-green, angled and sharp tipped. Important for timber and Christmas trees; also used for erosion control and site reclamation because it is adaptable to wide range of planting sites but prefers moderately well to well-drained loamy soils. Grows well throughout NH. Mature height: to 70'.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	4-8"	-	-	\$60	\$250	\$400
3 yr.	8-16"	\$15	\$25	\$80	\$300	\$500

**BLUE SPRUCE, Picea pungens** - Native to Rocky Mountains of western United States. Popular Christmas tree; blue color, good needle retention. Prefers moist, well-drained soils. Mature height: 60-80'. Seed source: Colorado.

Age	Size	Per 10	Per 25	Per 100	Per 500
2 yr.	5-8"	-	-	\$60	\$250
3 yr.	8-14"	\$15	\$25	\$80	\$300

**RED SPRUCE – Picea rubens** – A dark green, extremely shade tolerant evergreen tree of cool, moist northern forests and high elevations. Height up to 70 ft. Uses include lumbar and pulpwood. Spruce forests provide wintering habitat for deer and other wildlife.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	5-8"	\$15	\$25	\$80	\$300	\$500

**NORWAY SPRUCE, Picea abies** - Fast growing pyramidal tree. Short to medium dark needles. Often planted as a Christmas tree; also produces high-quality lumber. Prefers moderately well to well-drained soils. Grows well throughout NH. Mature height: 60-90'.

Age	Size	Per 10	Per 25	Per 100	Per 500
2 yr.	6-8"	-	-	\$60	\$250
3 yr.	8-16"	\$15	\$25	\$80	\$300

**RED PINE, Pinus resinosa** - A tall tree widely used for reforestation and gravel pit reclamation. Tolerates wide variety of planting sites but prefers well-drained soils. Shade intolerant; grows well throughout NH. Mature height: to 85'.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	3-6"	-	-	\$45	\$200	\$350
3 yr.	6-16"	\$10	\$20	\$60	\$250	\$400

**SCOTCH PINE, Pinus sylvestris** - A fast growing tree with long needles. Excellent Christmas tree if sheared annually. Prefers well-drained sandy soils. Grows well throughout NH. Mature height: 60-90'.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	5-10"	\$10	\$20	\$60	\$250	\$400

**WHITE PINE, Pinus strobus** - One of the most important and tallest timber trees in the northeast; also planted for Christmas trees. Long, soft needles; supple branches. Tolerates a variety of soils. Grows well throughout NH. Mature height: to 100' plus.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	3-6"	-	-	\$45	\$200	\$350
3 yr.	8-12"	\$10	\$20	\$60	\$250	\$400

**RED CEDAR, Juniperus virginiana** - Small dense tree with both scale-like and needle-like leaves, making it less susceptible to deer browse. Grows best in full sun. Rot-resistant heartwood oxblood color and aromatic. Dark blue berries consumed by song and game birds. Grows best in central and southern New Hampshire. Avoid planting near apple trees. Height: 20-40'.

Age	Size	Per 10	Per 25	Per 100	Per 500
2 yr.	5-10"	\$10	\$20	\$60	\$250

**NORTHERN WHITE CEDAR (ARBORVITAE), Thuja occidentalis** - A medium-sized evergreen tree with scale-like leaves. Rot resistant wood is soft, light-colored, durable and aromatic. Tolerates a wide variety of soils, and likes full sun. Cedar swamps provide good winter habitat and food for deer. Mature height: to 70'.

Age	Size	Per 10	Per 25	Per 100
3 yr.	6-10"	\$15	\$25	\$80

**AMERICAN LARCH (TAMARACK), Larix laricina** - A native deciduous conifer well adapted to wet sites. Wood is hard, heavy, durable and strong. Mature height: 40-80'.

Age	Size	Per 10	Per 25	Per 100
2 yr.	6-10"	\$15	\$25	\$80

## HARDWOOD TREE SEEDLINGS

**RED OAK, Quercus rubra** - A large tree producing some of the most valuable lumber in the northeast. Prefers fertile, well-drained soils from central NH southward. Oak acorns are a valuable source of winter food and eaten by deer, bear, turkeys and squirrels. These seedlings have been root pruned to stimulate root growth. Mature height: 70-80'.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
2 yr.	6-10"	\$15	\$25	\$80	\$300	\$500

**BLACK WALNUT, Juglans nigra** - Valuable hardwood tree that grows best on rich, well-drained sites in southern NH. Dark brown heartwood lumber used for veneer, furniture, cabinets and ornamental woodworking. Large, round nuts favored by squirrels and mice. Tomatoes, apples and other species may not survive near large walnut trees. Mature height: 70-100'.

Age	Size	Per 10	Per 25	Per 100	Per 500	Per 1000
1 yr.	8-16"	\$15	\$25	\$80	\$300	\$500

**SILVER MAPLE, Acer saccharinum** - A fast-growing shade tree, locally common in bottomlands along larger rivers in the northeast; well adapted to wet sites. Also known as soft, white or river maple. Mature height: 60-80'.

Age	Size	Per 10	Per 25	Per 100
2 yr.	8-12"	\$15	\$25	\$80

**RED MAPLE, Acer rubrum** - A common shade tree with red buds, twigs and flowers. Popular for its yellow to red autumn color. It is well adapted to wet sites. Also known as soft, white, or swamp maple. Mature height: 60-80ft.

Age	Size	Per 10	Per 25	Per 100
2 yr.	4-8"	\$15	\$25	\$80



## **NATIVE CONSERVATION SEEDLINGS**

Disclaimer: These plants are primarily intended for wildlife and songbird use. Some species may contain toxins harmful to humans if consumed.

The following are 1 or 2-year old seedlings. Heights are at least 6 to 12", and are available for the following prices (except as noted):

Age	Size	Per 10	Per 25	Per 100
1-2 yr.	6-12"	\$15	\$25	\$80

**ARROWWOOD, NORTHERN, Viburnum recognitum** - Soil/site: moist to well-drained; Wildlife value: fruit consumed by songbirds, grouse, chipmunks; Fruit: July to winter. Mature height: 4-12'.

**BAYBERRY, NORTHERN, Myrica pennsylvanica** - Soil/site: well-drained to dry soils, also salt tolerant; Wildlife value: food and cover; plant 1-3' apart for best wildlife use, fruit consumed by songbirds and game birds; This fragrant plant provides food and cover for wildlife. The berries can be used for candle making. Fruit: persists through winter. Mature height: 3-8'.

**BUTTONBUSH, Cephalanthus occidentalis** - Soil/site: wet, pond edges. Flowers mid to late summer; Fruit: favored source of food for waterfowl as well as several song-bird/wildlife species. Wildlife value: flowers are a favorite of honeybees and butterflies. Mature height: 3-8'.

**DOGWOOD, GRAY, (red panicle dogwood), Cornus racemosa** - Soil/site: wet or dry. Wildlife value: a songbird favorite. Has white flowers in June; Fruit: in the fall the leaves turn reddish and plant produces clusters (panicles) of white berries on red stems. Mature height: to 15'.

**DOGWOOD, SILKY, Cornus amomum** - Soil/site: wet. Uses: planted for hedgerows, windbreaks and for stream bank erosion control. Fruit: August-September. Wildlife value: bluish fruit eaten by game birds, especially important as a source of food for migrating songbirds; twigs browsed by deer and rabbits. Mature height: 10-12'.

**ELDERBERRY, COMMON, Sambucus canadensis** - Soil/site: tolerant of wet to dry. Uses: screens or shrub borders planted 4-8' apart; Wildlife value: favored by squirrels, deer and migrating songbirds; Fruit: August-October. Mature height: to 10'. **Seedlings may be less than 6" or rootstock.**

**HAZELNUT, AMERICAN, Corylus americana** - Soil/site: dry sites, often in thickets. Wildlife value: nuts, also called filberts, ripen in late summer and are preferred by numerous mammals, game birds and some songbirds. Mature height: 5-10'.

**NINEBARK, Physocarpus opulifolius** - Soil/site: grows in moist or dry soils, partial shade or full sun. Dense foliage good for nesting birds. Known for its flaky bark. Can withstand deer browse. Abundant flowers May-June. Mature height: 5-10'.

**PLUM, AMERICAN, Prunus americana** - Soil/site: moist to dry. Plant 15 ft. apart for maximum fruiting. Flowers May to June; fruit August to Oct. Used by game birds and mammals. Mature height: 15-20'.

**PLUM, BEACH, Prunus maritima** - Soil/site: dry soils also salt tolerant; Flowers: May-June; Fruit: late summer, purple or yellowish in color, 1/2 to 1" in size. Mature height: to 6'.

**PUSSY WILLOW, Salix discolor** - Soil/site: wet soils; full sun. Can grow to 20 ft. if not pruned. Do not plant near water, sewer, or septic pipes.

**ROSE, VIRGINIA, Rosa virginiana** - Soil/site: moist to dry; salt tolerant; Fruit: 1/2 to 3/4" hips remain on plant until following spring if not eaten; Wildlife value: used by songbirds, mammals and upland game birds. Mature height: 4-7'.

**ROSE, WETLANDS, Rosa palustris** - Soil/site: wet soils; Fruit/flowers: flowers pink, hips persistent; Wildlife value: songbirds, game birds and mammals; thicket-forming shrub with slender stems. Mature height: 4-7'.

**WINTERBERRY HOLLY, COMMON, Ilex verticillata** - Soil/site: common in swamps and along field edges; Fruit: bright red berries formed by early autumn, persisting into winter. Wildlife value: fruit used by many species of songbirds, waterfowl, upland game birds and small mammals. Mature height: to 15'.

### **THE FOLLOWING NATIVE SPECIES ARE AVAILABLE IN THE SPECIALTY PACKAGES ONLY**

**JUNEBERRY (shadbush), Amelanchier canadensis** - Soil/site: moist to dry, can often be found along field edges and streams. Flowers in May; Fruit: June-July; Early source of fruit for a variety of song and game birds, and animals. Mature height: 10-20'. **SONGBIRD/WILDLIFE PKG ONLY.**

**NANNYBERRY, Viburnum lentago** - Soil/site: prefers moist, well-drained soils, but will grow in dry, acidic soil. Large berries turn blue/black in autumn and persist into winter. Many bird and mammal species use the fruit of this native shrub. Mature height: 10-30'. **SONGBIRD/WILDLIFE PKG ONLY**

Please visit our website at

[www.nhnursery.com](http://www.nhnursery.com)

to see sample pictures of these and other species  
in this catalog.

### NON NATIVE CONSERVATION SEEDLINGS

Disclaimer: These plants are primarily intended for wildlife and songbird use. Some species may contain toxins harmful to humans if consumed.

The following are 1 or 2-year old seedlings unless otherwise noted. Heights are at least 6 to 12", and are available for the following prices:

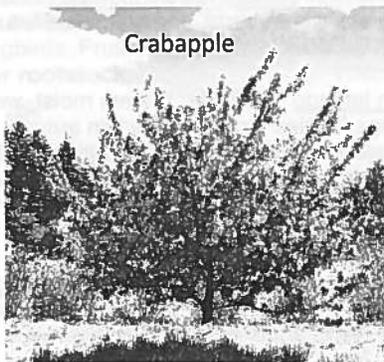
Age	Size	Per 10	Per 25	Per 100
1-2 yr.	6-12"	\$15	\$25	\$80

**CRABAPPLE, Malus spp.** - Plant at least 10-15' apart; Fruit: abundant fruit usually persistent through winter. Wildlife value: used by numerous songbirds, game birds and mammals; a small tree. Mature height: 10-25'.

**CRANBERRY, EUROPEAN Highbush, Viburnum opulus** - Grows in wet to well-drained soils; spacing for hedgerows 4' apart, singular spacing 10' apart. Flowers/fruit: abundant red berries retained through the winter, eaten by grouse, turkey, deer and numerous songbirds. Plants browsed by deer, rabbits, mice. Mature height: 12-15'.

**HAWTHORN, Crataegus spp.** - Size: 10-40'; Soil: moist or well-drained; Use: wind-breaks, screens or shrub borders; Spacing: 5-10'; Wildlife: fruit (persistent through winter) eaten by many songbirds and game birds, rabbit, deer; Nesting: songbirds.

**MOUNTAIN ASH, EUROPEAN, Sorbus aucuparia** - A medium size tree up to 30' tall that grows well in dry soils but prefers rich moist soil. Recommended spacing is to plant each tree singularly, 10 to 20' apart. Has large white flowers in the spring. Red-orange berry clusters are valuable food for deer, rabbit, ruffed grouse, and many species of songbirds, especially grosbeaks and waxwings. In fruit late August into winter.



Crabapple

### SPECIALTY PACKAGES

Our specialty packages consist of 25 assorted seedlings (5 each of 5 different species) color coded for easy identification. Each seedling will average 4 to 12" tall. Each package is a 2' x 3' poly-lined paper bag and will easily fit in the trunk of a small car. Flowering shrubs and trees will flower and produce fruit most abundantly when grown in full sunlight. **NOTE: Occasionally we may need to substitute a species within a packet due to crop failure, winter damage or other circumstances beyond our control.**

**WINTER SURVIVAL PACKAGE** - This package contains plants which will produce fruit that will remain on the plant into the winter months. This provides wildlife with a valuable survival food source above deep snow cover, through freezing temperatures and strong winds. This package contains European cranberry, wetlands rose, hawthorn, European Mt. ash, and bayberry. **Price-\$30 per pkg.**

**NATIVE SPECIES PACKAGE** - This package contains plants that are native to NH (present when European settlers arrived in the early 1600's). These species will grow on average to dry soils. The package contains ninebark, hazelnut, beach plum, Virginia rose and bayberry. **Price-\$30 per pkg.**

**SONGBIRD/WILDLIFE PACKAGE** - This package includes plants that provide seeds and berries that attract birds and other wildlife, whether summer visitors or year-round residents. A valuable source of natural food. The package contains American hazelnut, gray dogwood, nannyberry, silky dogwood, and juneberry. **Price-\$30 per pkg.**

**WETLANDS PACKAGE** - These shrub species grow well in wetlands and saturated soils, including pond edges and stream banks. They will tolerate surface water during part of the growing season. The package contains silky dogwood, buttonbush, arrowwood, wetlands rose, and pussy willow. **Price-\$30 per pkg.**

**DECIDUOUS TREE PACKAGE** - These trees lose their leaves every fall. The seeds, nuts, or berries they produce are an important food source for a variety of birds and animals. This package contains black walnut, red maple, red oak, silver maple, and crabapple. **Price-\$30 per pkg.**

**CHRISTMAS TREE SAMPLER PACKAGE** - This package allows one to test small quantities of different species to see which trees will grow best on a selected site. Conifer trees provide cover, nesting habitat, and food for a variety of songbirds and wildlife. This package contains 5 each of the following popular trees: balsam fir, Fraser fir, concolor fir, blue spruce and white spruce. **Price-\$30 per pkg.**

**SCREEN/WINDBREAK PACKAGE** - These conifers are great for providing a screen or windbreak, as well as nesting habitat and food for birds and animals. 5 each of red cedar, Norway spruce, white spruce, northern white cedar, and Douglas fir will provide visual variety to a screen or windbreak. Plant 8-10 ft. apart. **Price-\$30 per pkg.**

The Nursery is located on Rt. 3 in Boscawen about 15 miles north of

Concord and 6 miles south of Franklin at :

405 Daniel Webster Hwy  
Boscawen, NH 03303  
(603) 796-2323

### IMPORTANT

For further information regarding your planting needs contact your county UNH Cooperative Extension office listed below.

### COUNTY FORESTERS

<u>County</u>	<u>Name</u>	<u>Email Address</u>	
Belknap	Andy Fast	andrew.fast@unh.edu	(603) 527-5475
Carroll	Wendy Scribner	wendy.scribner@unh.edu	(603) 447-3834
Cheshire	Steve Roberge	steven.roberge@unh.edu	(603) 352-4550
Coos	Brendan Prusik	brendan.prusik@unh.edu	(603) 788-4961
Grafton	Jim Frohn	jim.frohn@unh.edu	(603) 787-6944
Hillsboro	Ethan Belair	ethan.belair@unh.edu	(603) 641-6060
Merrimack	Tim Fleury	tim.fleury@unh.edu	(603) 796-2151
Rockingham	Greg Jordan	greg.jordan@unh.edu	(603) 679-5616
Strafford	Andy Fast	andrew.fast@unh.edu	(603) 749-4445
Sullivan	Glenn "Dode" Gladders	dode.gladders@unh.edu	(603) 863-9200



### Shipping Charges

1. New Hampshire 15% + \$8.00
2. East of Mississippi 20% + \$8.00
3. West of Mississippi 25% + \$8.00

### IMPORTANT INFORMATION

Orders are accepted on a first come, first served basis, giving preference to New Hampshire residents. Please indicate first and second choice on the SEEDLING ORDER FORM to avoid delay in case of species sellout. ENCLOSE PAYMENT IN FULL (by MasterCard, Visa, check, or money order) and please be sure seedlings are ordered in quantities indicated. Sorry, *we are not equipped to handle phone orders.*

**Orders cancelled by the purchaser after March 1 will not be refunded.** Orders cancelled at any time by the State Forest Nursery will be refunded. **Refunds due the purchaser for cancellation or other adjustment WILL BE MADE AT THE END OF MAY.**

**All seedlings are shipped in moisture resistant thick paper bags of up to 500 seedlings in each bag.** The bags are no larger than 22 inches in diameter, 36 inches in length, and up to about 35 pounds in weight (about the size of a large dog food bag). Average seedling height is measured from the root collar to the top of the seedling.

***Seedlings should be planted immediately upon arrival! Keep the unopened bags as cool as possible and out of direct sunlight until you are ready to plant. If planting must be delayed more than 2-3 days, "heel in" the plants.***

They can also be stored a few days longer in the unopened bag in a refrigerator or cold storage facility. Do not allow them to freeze.

We recommend that you do not fertilize during the first growing season. **Instructions** for care and planting are available from the State Forest Nursery, on our website, or your County Forester. When picking up plants at the Nursery with an open-bed truck you will need to provide protection for the shipping bags. Do not expose them to direct sunlight while in transit.

You may visit us to view the seedbeds weekdays from 8:00 am to 3:30 pm. Tours can be scheduled for groups of 15 or more.

### MAILING LIST REQUEST FORM

If you wish to remain on the Nursery Mailing List for next year or to be included for the first time, please fill out and return this portion to the NH Department of Natural and Cultural Resources, Division of Forests and Lands, 172 Pembroke Rd, Concord, NH 03301.

Name: (last name first) \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_