

This map and brochure was created with the support of a grant from the **Northeast Kingdom Fund of the Vermont Community Foundation**. Through this grant, The Old Stone House Museum (OSHM) was able to partner with NorthWoods Stewardship Center (NWSC) to create an educational resource for visitors highlighting the museum's Arboretum. Trees in the Arboretum were planted in May of 2018 by 4th and 5th grade students from Orleans Elementary School with help from NWSC Staff. These trees included Butternuts, White Ash, and Sugar Maples—species that were naturally occurring here when early settlers arrived. The planting of these species created a living historical arboretum on museum grounds replacing sugar maples that have suffered from road salt through the years. The designated arboretum includes the museum's Heritage Orchard at the Samuel Reed Hall House and additional species such as Red Oaks, Wild Plum and Black Cherry. Students that planted trees for the arboretum also participated in workshops to learn about tree anatomy, dendrochronology, and tree resources needed in a forest ecosystem. In the Fall of 2018, groups from Brighton Elementary School, Newark Street School, Burke Town School, and The Meeting Place came to OSHM for Fall Harvest Day and participated in workshops led by NWSC. These students identified tree species, made maps and drawings of the newly designated campus arboretum, and engaged in hands-on forestry activities such as looking at dendrochronology with tree cookies, taking diameters and estimating tree heights. This brochure is meant to reflect student participation in the OSHM Arboretum and serve as an educational guide for museum visitors and future classroom visitors.



Students from Newark Street School enjoy apples from the Heritage Orchard during Fall Harvest Day 2018.

Leaf rubbings created by students during Fall Harvest Day at OSHM  
September 2018



*Sugar Maple*



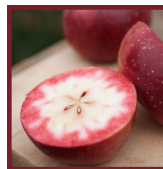
*Red Oak*



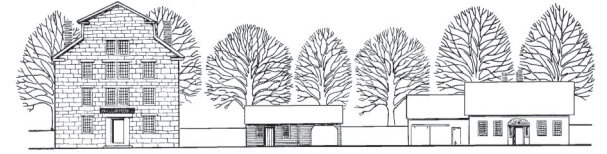
*Apple Tree*

### What are Heirloom Apples?

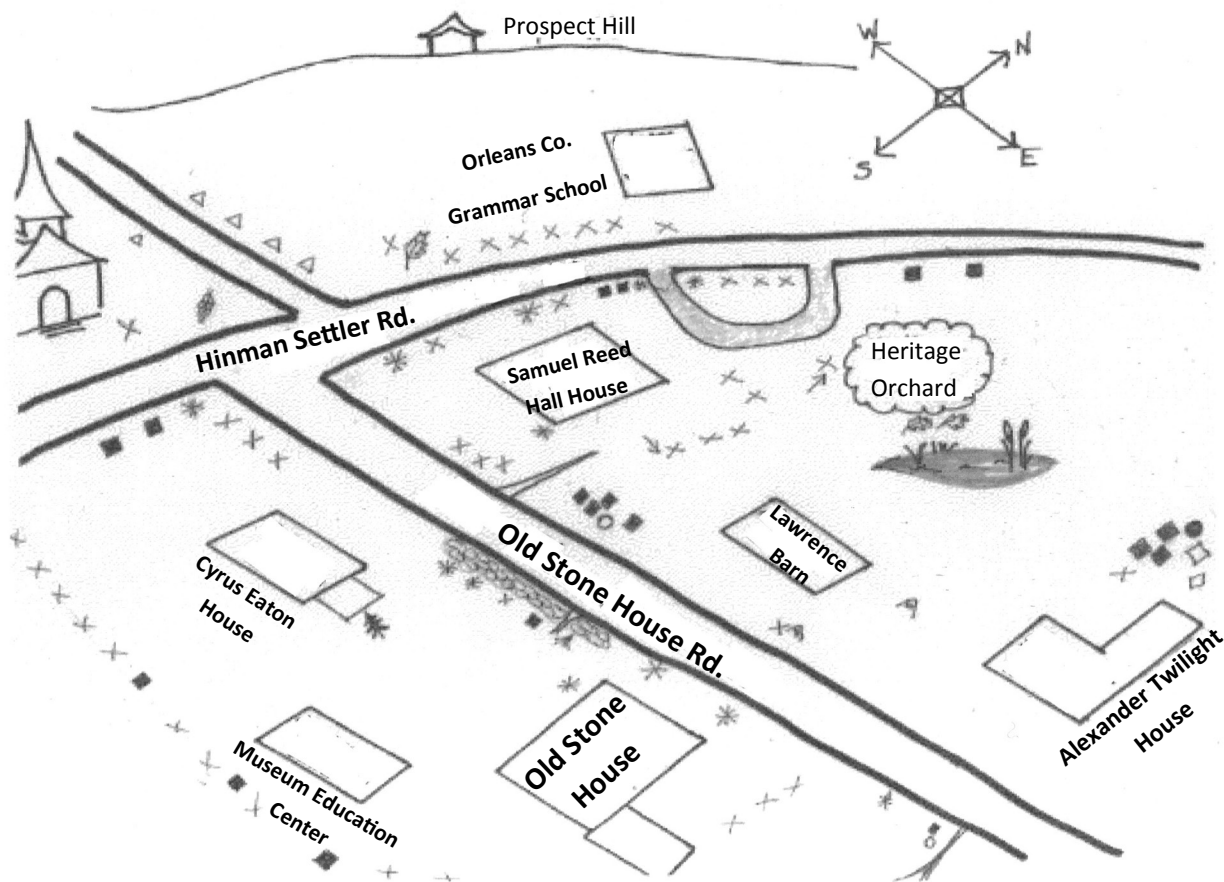
Walk into any grocery store and you will find popular apple species such as Red Delicious, McIntosh, or Honeycrisp. These species have dominated the apple market due to their size and shine, but once you try an heirloom apple you will realize that they do not compare in taste. Heirloom Apple Trees are rare and historic varieties that date back up to hundreds of years. The apples they produce aren't as appealing to the eye, but they taste fantastic—often unlike any other apple you've tried before. Heirloom apples are difficult to perpetuate because you cannot simply plant the apple seed. Instead you must collect cuttings from existing trees and graft them to root stock to produce the same apple. Heirloom apples are a unique and tasty treat for any apple lover.



## OLD STONE HOUSE MUSEUM Heritage Apple Orchard and Arboretum Map



Created in partnership with:  
**NORTHWOODS**  
STEWARDSHIP CENTER



## Arboretum Key

### Key

- Red Oak - *Quercus rubra* ✱
- Sugar Maple - *Acer saccharum* ✕
- Black Cherry - *Prunus serotina* ●
- Pin Cherry - *Prunus pensylvanica* ○
- Wild Plum - *Prunus* spp. ▼
- American Elm - *Ulmus americana* ✎
- Butternut - *Juglans cinerea* △
- White Ash - *Fraxinus americana* ■
- Eastern White Pine - *Pinus strobus* ✎
- Trembling Poplar - *Populus tremuloides* ◇
- Spruce - *Picea* spp. 🌲
- Eastern White Cedar - *Thuja occidentalis* ↙
- Mountain Ash - *Sorbus aucuparia* ⚓
- Heritage Apples - *Malus pumila*

Map of varieties enclosed.

Tree information packet and blank maps are available in the museum gift shop for student map work.

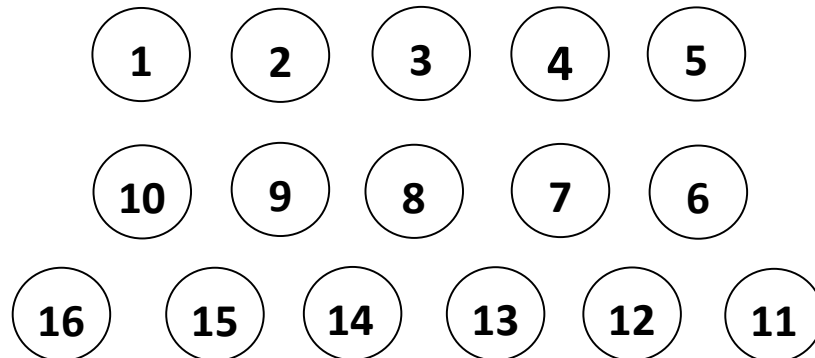
Teachers wanting forestry and/or arboretum mapping programs should contact the museum Outreach Coordinator at [outreach@oldstonehousemuseum.org](mailto:outreach@oldstonehousemuseum.org)

## Heritage Apple Orchard Map

HINMAN SETTLER ROAD

### Orchard Information

The 16 different apple trees in the Heritage Orchard came from St. Lawrence Nurseries in Potsdam, NY and Cummins Nursery in Ithaca, NY. They were planted in April of 2008 by North Country Union High School's Agricultural Class. This project was funded by the Vermont Department of Forest, Parks, and Recreation.



## Heritage Orchard Species Key

- |                               |                    |
|-------------------------------|--------------------|
| 1: Wild Volunteer             | 9: Blue Pearmain   |
| 2: Fameuse Bud 118            | 10: Black Oxford   |
| 3: Keepsake Bud 118           | 11: Eastman Sweet  |
| 4: Cox's Orange Pippin        | 12: Purdy          |
| 5: St. Edmunds Russet Bud 118 | 13: Crimson Beauty |
| 6: Liberty MMII               | 14: Wild Volunteer |
| 7: Yellow Transparent         | 15: Alexander      |
| 8: Redstone Canyon Gold       | 16: Duchess        |