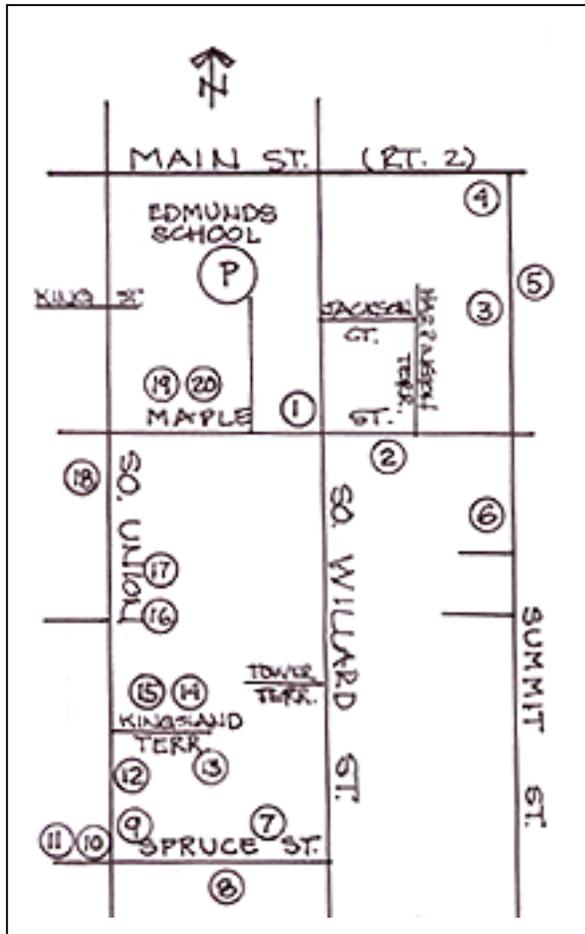


A Tree Walk in the Hill Section

The trees included in this walk are within a comfortable walking area in the hill section of Vermont's largest city. This area is also rich in scenic beauty and building architectural styles. **Enjoy your walk!**



1. Camperdown Elm (*Ulmus glabra* 'Camperdownii') Elm family, 225 South Willard St. on the corner of Maple St. A cultivar of the Scotch Elm, it is similar to 'Horizontalis' which has a flatter top. Only reaching about 15 feet high, but up to 30 feet across, notice the bulging graft union on the trunk at eye level. This is where the top part of the tree, from Scotland, was grafted to a different root stock.

2. American Beech (*Fagus grandifolia*) Beech family, across from 390 Maple St. This tree has smooth, thin, slate gray bark, ideal for carving initials. It can reach over 80 feet and live 200 years. It rarely reaches maturity in Vermont due to an insect-transmitted fungus that attacks trees over 10 inches in diameter.

3. Northern Catalpa (*Catalpa speciosa*) Bignonia family, 411 Main St. (Summit St. side). This tree has large clusters of white flowers in early summer, large rounded leaves in summer, and long "bean pods" in fall, giving rise to nicknames "Cigartree" and "Indian-bean". Usually about 40-60 feet high, its rot resistant wood has been used for railroad ties.

4. Bur Oak (*Quercus macrocarpa*) Beech family, 411 Main St. Located by the Summit St. sidewalk, this tree is also called Mossycup Oak because of its fringed acorns. Growing slowly to about 75 feet with an equally broad spread, it is a majestic tree for large spaces.

5. Ginkgo (*Ginkgo biloba*) Ginkgo family, 42 Summit St. Located to the right of the driveway, the Ginkgo is noted for its fan-shaped leaves and pyramidal shape. Usually growing to 50-80 feet, it has beautiful yellow fall color.

6. European Horsechestnut (*Aesculus hippocastanum*) Buckeye family, 83 Summit St. Tolerant of city conditions, this tree grows 50-75 feet high and has showy masses of white flower clusters in 6-12" upright spires in the spring.

7. Flowering Dogwood (*Cornus florida*) Dogwood family, 124 Spruce St. A pretty ornamental tree, the four-petaled white or pink flowers are actually bracts with the true flowers being in the center. The trunk bark is dark and deeply checkered like alligator hide.

8. Tuliptree (*Liriodendron tulipifera*) Magnolia family, 119 Spruce St. Also called the Tulip Magnolia, this tall tree to the right of the path can reach 80-120 feet high. A fast grower, the name comes from the beautiful flowers in early June, greenish yellow "tulips" with orange centers.

9. White Fir (*Abies concolor*) Pine family, NE corner of Spruce and South Union Sts. An upright, cone-shaped evergreen tree reaching 30-50 feet high, it is mainly noted for its bluish green needles. Adaptable to many soils and sites, this is an excellent city tree.

10. Butternut (*Juglans cinerea*) Walnut family, behind 335 South Union St. Grows to 100 feet and lives about 80 years. Similar in shape to Black Walnut and also known as White Walnut for its lighter-colored wood. Lumber is not as valuable as the Black Walnut but still used for interiors, cabinetwork and furniture.

11. Black Walnut (*Juglans nigra*) Walnut family, behind 335 South Union St. A large eastern tree, 70-100 feet tall, with a large open spreading head and compound, toothed leaves. The dark wood is quite valuable and is used for veneers, cabinetmaking, interior finishing, and gunstocks.

12. Sugar Maple (*Acer saccharum*) Maple family, 316 South Union St. Vermont's state tree and Canada's national tree, most known for its maple sap and red to orange fall foliage. Slowly growing to 60–75 feet high with upright rounded shape. Tolerant of shade, it doesn't tolerate air pollution or salt well and recently has been susceptible to insect feeding from thrips.

13. White Mulberry (*Morus alba*) Mulberry family, 35 Kingsland Terrace. An exotic species brought from Asia to start a domestic silk industry, which failed. Large spreading tree with glossy green leaves of irregular notched shapes.

14. Tamarack or Larch (*Larix laricina*) 22 Kingsland Terrace. A medium to large tree with slender short needles clustered at the ends of short spurs. One of the few conifers to drop its needles in winter. Trunk bark is dark and flakes off in scales

15. Blue Spruce (*Picea pungens*) Pine family, 300 South Union St. Pyramid form, reaches 90 ft tall and can live 600 years. A native of the Rocky Mountains, its classic conical shape, grace and symmetry have made it a favorite for large Christmas trees.

16. Shagbark Hickory (*Carya ovata*) Walnut family, 260 South Union St. To the side of the steps by the sidewalk, this tree is easily identifiable because of the shaggy bark which separates from the trunk in long curved strips.

17. Copper Beech (*Fagus sylvatica 'Atropunicea'*) Beech family, 254 South Union St. This cultivar of the European Beech has smooth gray bark and lovely dark foliage that turns golden bronze in the fall. Slowly growing to 50-60 feet and equally wide.

18. Common Hackberry (*Celtis occidentalis*) Elm family, SW Corner of South Union and Maple St. (tree on SW corner of lot) An elm tree that increased in its urban presence after Dutch Elm disease ravaged the big elms. It is adaptable to urban conditions because it survives in poor soils and bad conditions. It is a medium size tree (30–60 feet) that spreads wide like an elm.

19. Norway Spruce (*Picea abies*) Pine family, 300 Maple St. A visually pleasing conical, symmetric evergreen that can grow 40-80 feet high in an urban setting. It has the largest cones of the spruces, and limbs that swoop downward then up at the tips on older trees.

20. Canadian or Eastern Hemlock (*Tsuga canadensis*) Pine family, 300 Maple St. Frequently a more round-topped tree than the spruces or firs. Needles are whitened beneath giving the foliage a delicate silvery appearance with small cones 5/8- 1" long.



A Project by Branch Out Burlington! with support from:

**Urban & Community Forestry Program
VT Department of Forest, Parks & Recreation
Burlington Department of Forest, Parks & Recreation
U.S. Forest Service**