

# Guide to Plants at Hawthorn Pond

CREATED BY TOWER SCHOOL SIXTH GRADERS, MARBLEHEAD, MASS.

## Wetland Plants

### Cattails (a.k.a. Corndog Grass)

*Typha latifolia*

- Grows in marshy areas
- 5-10 feet tall
- Looks like a corndog on top
- Long greenish yellow stalks with smooth edges
- Native to Northern Hemisphere



### Phragmites

*Phragmites australis*

- Large perennial grass
- Grows in swampy areas and along highways
- 6-20 feet tall
- Fluffy, feathery top
- Invasive in MA wetlands



## Invasive and Alien Plants

### Bittersweet

*Celastrus orbiculatus thunb*

- Lives in forest ecosystems
- A vine that wraps around trees
- Vines can be 60+ feet long, with red berries
- Leaves are simple and rounded, up to 4 inches long
- Introduced from Eastern Asia as an ornamental
- Dangerous to our native plants because it can strangle them or block out their sunlight and take their habitat



### Wild Roses

*Rosa rugosa*

- Grows in forests, fields and beaches
- Small shrub 3-4 feet tall
- Stems have thorns
- Leaves are compound with 5-9 leaflets
- Flowers can be white or pinkish
- Takes over native habitats by crowding other species



### Japanese Knotweed

*Fallopia japonica*

- Found near fresh water sources like ponds and streams
- Bushes are 3-4 meters high
- Simple leaves are 3-14 cm long
- Creamy white flowers are shaped like tiny cones
- So strong and invasive, it can grow through concrete



## Hardwood Trees

### Scarlet Oak

*Quercus coccinea*

- Grows in forest ecosystems
- 60–80 feet high, 1–2 feet in diameter
- Leaf has 6 lobes, toothed edges and a yellow midrib
- Deciduous
- Native to MA



### Pin Oak

*Quercus palustris meunchei*

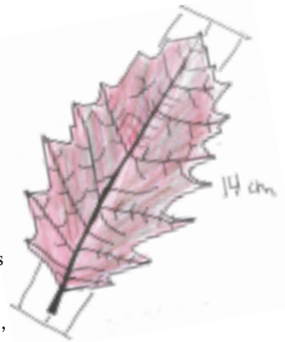
- Grows in forest ecosystems
- 60–70 feet tall, 3 feet in diameter
- Leaf has 5–7 lobes with pointed tips
- Leaves are shiny dark green, turning to red in autumn
- Deciduous
- Native to Northern Hemisphere



### Red Oak

*Quercus rubra*

- Grows in forest ecosystems
- 110–140 feet tall
- Leaf has 6+ rounded lobes, and is 5–10 inches long
- Leaves are smooth and dark green, turning red/brown in autumn
- Native to our area



### Red Maple

*Acer rubrum*

- 15 meters tall
- Leaf is lobed, with pointed tips
- Leaves are bright red in autumn
- Deciduous
- Native to Northern Hemisphere



### Sugar Maple

*Acer saccharum*

- Grows in NE, in any soil that is not sandy
- 80–100 feet tall
- Leaves have toothed edges and 5 lobes
- Leaf tips are green/red/orange/yellow
- Adorns the Canadian flag
- Sap is used to make maple syrup



## Ground Cover

### Raspberry Bushes

*Rubus idaeus*

- 3–5 feet tall
- Reddish or whitish stems with thorns
- Leaves have toothed edges, alternate veins and pointy tips
- 3 leaflets per stem
- Berries are edible
- Native to Northern Hemisphere



### Strawberry Plants

*Fragaria virginiana*

- Grows in woodlands and along banks
- Low plants — 6 inches tall
- Leaves have regularly toothed edges and pointy tips
- 3 leaflets per stem
- Berries are edible
- Native to Northern Hemisphere



**Tower** School

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