





















# THE ERB FAMILY SCIENCE GARDEN | DIRECTORY






## ZONE 6: NORTHERN WOODLAND

	American Larch		Christmas Fern
	Blue Lobelia		Cinnamon Fern
	Canadian Hemlock		Mayapple
	Coralberry		White Baneberry




## ZONE 5: WOODLAND

	Bellwort		Paw Paw Tree
	Bloodroot		Sharp-lobed Hepatica
	Bulblet Fern		Royal Fern
	Cardinal Flower		Solomon's Seal
	Foamflower		Spicebush
	Great White Trillium		Tall Meadowrue
	Jacob's Ladder		Tulip Tree
	Maidenhair Fern		Thimbleberry





## ZONE 2: SHRUB EDGE

	American Cranberry Viburnum 'Wentworth'		Black Gum Tree
	Black Chokeberry		Creeping Juniper
			Red Chokeberry





## ZONE 4: SHRUB EDGE

	Allegheny Serviceberry
	Blackhaw Viburnum
	Shrubby Cinquefoil







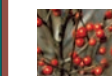

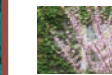



## ZONE 3: MEADOW

	Blazing Star		New England Aster
	Joe-pye Weed		Prairie Rose



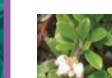


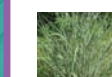


## ZONE 8: WOODLAND

	Barren Strawberry		Red-osier Dogwood
	Jack-in-the-Pulpit		Wild Ginger

## ZONE 7: SHRUB EDGE

	American Filbert
	Bladdernut
	Early Meadowrue
	Flowering Dogwood
	Gray Dogwood
	Interrupted Fern
	Michigan Holly
	Ostrich Fern
	Redbud
	Sensitive Fern
	Shrubby St. John's Wort
	Wild Geranium

## ZONE 1: DRY UPLAND

	American Cranberry Viburnum 'Bailey'
	Arrowwood Viburnum
	Bearberry
	Bristleleaf Sedge
	Compass Plant
	Indian Blue Grass
	Quaking Aspen
	Sweet Fern



FERNS		
NAME	SIZE	DESCRIPTION
<b>Christmas Fern</b> <i>Polystichum acrostichoides</i>	1-2 ft	woods & open thickets; dark green leathery fronds; likes part-shade and moist soil; leaves are evergreen
<b>Cinnamon Fern</b> <i>Osmunda cinnamomea</i>	3-5 ft	swamps & moist places; moist acid soil in part-shade; if wet soils then tolerates full-sun; fertile fronds resemble cinnamon sticks in spring
<b>Interrupted Fern</b> <i>Osmunda claytoniana</i>	3-5 ft	woodland edges; prefers drier soil; fertile leaves appear on the stem in between regular leaves
<b>Bulbet Fern</b> <i>Cystopteris bulbifera</i>	1-2 ft	rocky water margins; arching fronds, finely-cut; green bulbets form on the underside of the leaves, drop off & grow into new ferns
<b>Maidenhair Fern</b> <i>Adiantum pedatum</i>	1-2 ft	moist woods; unique, lacy leaves; likes abundant shade & moisture
<b>Ostrich Fern</b> <i>Matteuccia struthiopteris</i>	3-5 ft	swamps & moist woods; young fiddleheads less than 6 in. are edible, use raw in salads or cooked like asparagus; needs moisture & shade to part-shade
<b>Royal Fern</b> <i>Osmunda regalis</i>	3-5 ft	swamps & moist places; needs shade & moist to wet soils; acid pH
<b>Sensitive Fern</b> <i>Onoclea sensibilis</i>	1-3 ft	swamps, open woods & meadows; bright green leaves; likes wet places, in full-sun or shade

GRASSES		
NAME	SIZE	DESCRIPTION
<b>Bristleleaf Sedge</b> <i>Carex eburnea</i>	6-10 in	flowers on spikes in spring; grass-like plant; sandy or calcareous soil near lakeshores, good native groundcover to replace lawn in drier areas
<b>Indian Blue Grass</b> <i>Sorghastrum nutans</i>	4-6 ft	brownish flowers on spikes; prairies & meadows; full-sun; bluish leaves; butterfly larval host; ornamental grass
SPRING WILDFLOWERS		
<b>Barren Strawberry</b> <i>Waldsteinia fragarioides</i>	6-8 in	yellow flowers, red berries; dry shade; good native ground cover
<b>Bellwort</b> <i>Uvularia grandiflora</i>	1-2 ft	yellow, pendulous flowers; part to full-shade; woodland gardens
<b>Bloodroot</b> <i>Sanguinaria canadensis</i>	2-6 in	delicate white flowers, first to bloom in the spring; red juice in the stem & root; round leaves with lobing
<b>Early Meadowrue</b> <i>Thalictrum dioicum</i>	2-3 ft	delicate white to pink flowers; male & female flowers on separate plants; moist woods
<b>Foamflower</b> <i>Tiarella cordifolia</i>	8-10 in	white flowers on spikes; mixed woods, especially in wet hollows
<b>Great White Trillium</b> <i>Trillium grandiflorum</i>	6-12 in	showy white flowers with three petals, sepals & leaves; part-shade to shade in moist soils; deciduous woods
<b>Jack-in-the-Pulpit</b> <i>Arisaema triphyllum</i>	1-3 ft.	Alluvial areas & boggy areas of mixed forests; flower has a spadix (Jack) and spathe (pulpit); berries are poisonous

NAME	SIZE	DESCRIPTION
<b>Jacob's Ladder</b> <i>Polemonium reptans</i>	1-2 ft	bell-shaped, blue flowers; part-shade in moist soil; supports pollinators
<b>Mayapple</b> <i>Podophyllum peltatum</i>	1-2 ft	large white flowers beneath leaves, fruit is a large green berry; also known as "Mandrake"; most plant parts are poisonous
<b>Sharp-lobed Hepatica</b> <i>Hepatica acutiloba</i>	4-6 in	pink to purple flowers, early bloomer; moist woods; attracts butterflies
<b>Solomon's Seal</b> <i>Polygonatum biflorum</i>	2-3 ft	white tubular flowers dangle beneath the stem; moist woods, thickets & roadsides; part-shade to shade; graceful, arching habit
<b>Tall Meadowrue</b> <i>Thalictrum dasycarpum</i>	3-7 ft	delicate white flowers; woodlands; full-sun to part-shade, moist soil, good for the back border
<b>White Baneberry</b> <i>Actaea pachypoda</i>	1-2 ft	white flowers, showy berries in late summer that are bright white with a purplish eye also known as "Doll's Eyes"; moist forests; berries are poisonous
<b>Wild Geranium</b> <i>Geranium maculatum</i>	1-2 ft	rose-purple flowers, long-lasting blooms; common in woods; foliage forms attractive low mounds

NAME	SIZE	DESCRIPTION
<b>Wild Ginger</b> <i>Asarum canadense</i>	6-12 in	hairy red-brown flowers beneath the leaves; moist woods; good native groundcover
SUMMER WILDFLOWERS		
<b>Blazing Star</b> <i>Liatris spicata</i>	2-3 ft	purple flowers; wet meadows & prairies; butterfly nectar
<b>Blue Lobelia</b> <i>Lobelia silphitica</i>	2-3 ft	blue flowers; swamps & wet ground; part-shade, needs constant moisture; butterfly nectar
<b>Cardinal Flower</b> <i>Lobelia cardinalis</i>	3-4 ft	red flowers; swamps & wet ground; part-shade & moist soil; attracts hummingbirds
<b>Compass Plant</b> <i>Silphium laciniatum</i>	6-12 ft	yellow flowers; prairie & open grassland; can live up to 100-years; edible sap can be used like chewing gum
<b>Joe-pye Weed</b> <i>Eupatorium maculatum</i>	5-7 ft	pink flowers; low, wet places, swamps, & meadows along streams & shores; butterfly nectar
<b>New England Aster</b> <i>Symphyotrichum novae-angliae</i>	3-6 ft	purple flowers; meadows & prairies; butterfly larval host plant; easy to grow

The Erb Family Science Garden is an ever-changing place, for the latest about plants in the garden, visit: [science.cranbrook.edu](http://science.cranbrook.edu)