

HIGHER PLANTS of Concord & Lincoln, Mass.

p 11

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Includes only those species recorded on Biodiversity Day, July 4, 1998

adapted from state list on Internet by Peter Alden, August 7, 1998;

Sequence of families within 6 groupings:

1) Fern Allies	(in taxonomic sequence*)	7 species	p 11
2) Ferns	(A-Z by scientific fam. name)	21 species	p 11-12
3) Gynosperms	(A-Z by scientific fam. name)	10 sp. (+ 9 planted)	p 12
	(conifers; all woody)		
4) Woody Dicots	(in taxonomic sequence*)	132 sp. (+ 52 planted)	p 13-17
	(broad-leafs)		
5) Herbaceous Dicots	(in taxonomic sequence*)	365 sp. (+ 7 planted)	p 18-26
	(wildflowers)		
6) Monocots	(in taxonomic sequence*)	181 species	p 27-30
	(none woody, ex. Yucca)		

TOTAL of Higher (Vascular) Plants = 716 species (plus 68 planted (chiefly woody) species.

* = Family sequence generally follows Gleason & Cronquist, 2nd ed., Manual of Vascular Plants of Northeastern U.S. and adj. Canada, N. Y. B. G., 1991.

Sequence of species within families:

A to Z by genus, and by species within genera

Recorder symbols include initials of lead recorder of party; check = species checked on board, observer unknown; few = 2 parties; many = 3 or (many) more parties reporting it.

FERNS & FERN ALLIES

Fern Allies

Lycopodiaceae	Club-moss (Ground-pine) Family	
Huperzia (Lycopodium) lucidula	Shining Club-moss	many
Lycopodium clavatum	Staghorn (Running) Club-moss	many
Lycopodium digitatum (complanatum)	Southern Club-moss	DC, FG, PS
Lycopodium obscurum	Rare Club-moss	many
Lycopodium tristachyum	Deep-root (Wiry) Club-moss	SC, NP
Equisetaceae	Horsetail Family	
Equisetum arvense	Field Horsetail	many
Equisetum pratense	Meadow Horsetail	SC

Ferns (A-Z by scientific Family name)

(Much confusion in family limits)

Aspleniaceae	Spleenwort Fern Family A	
Asplenium platyneuron	Ebony Spleenwort	many
Blechnaceae	Chain-Fern Family	
Woodwardia virginica	Virginia Chain-Fern	SC, BW
Dennstaedtiaceae	Bracken Fern Family	
Dennstaedtia punctilobula	Eastern Hay-scented Fern	many
Pteridium aquilinum	Bracken Fern	many

Dryopteridaceae	Spleenwort Fern Family B	
<i>Athyrium filix-femina</i>	Common Ladyfern	many
<i>Cystopteris fragilis</i>	Brittle Bladderfern	NP
<i>Dryopteris carthusiana</i> (spinulosa)	Spinulose Woodfern	NP, TR
<i>Dryopteris cristata</i>	Crested Woodfern	many
<i>Dryopteris intermedia</i>	Fancy (European) Woodfern	JG
<i>Dryopteris marginalis</i>	Marginal Woodfern	many
<i>Matteuccia struthiopteris</i>	Ostrich Fern	many
<i>Onoclea sensibilis</i>	Sensitive Fern	many
<i>Polystichum acrostichoides</i>	Christmas Fern	many
Ophioglossaceae	Adder's-tongue Fern Family	
<i>Botrychium virginianum</i>	Rattlesnake Fern	NP
Osmundaceae	Royal Fern Family	
<i>Osmunda cinnamomea</i>	Cinnamon Fern	many
<i>Osmunda claytoniana</i>	Interrupted Fern	many
<i>Osmunda regalis</i> var. <i>spectabilis</i>	Royal Fern	many
Polypodiaceae	Polypody Fern Family	
<i>Polypodium virginianum</i>	Rock (Common) Polypody	many
Thelypteridaceae	Spleenwort Fern Family	
<i>Thelypteris noveboracensis</i>	New York Fern	many
<i>Thelypteris palustris</i>	Marsh Fern	many
<i>Thelypteris simulata</i>	Bog (Massachusetts) Fern	many

GYMNOSPERMS (CONIFERS)

(indented species are planted and have not become invasive)

Cupressaceae	Cypress Family	WOODY
<i>Chamaecyparis thyoides</i>	Atlantic White-Cedar	(checked, who?)
<i>Juniperus communis</i>	Common Juniper	many
<i>Juniperus virginiana</i>	Eastern Red-cedar (Juniper)	many
<i>Thuja occidentalis</i>	Atl. White-cedar (E. Arborvitae)	SC, NP
Pinaceae	Pine Family	WOODY
<i>Abies balsamea</i>	Balsam Fir	(planted-SC)
<i>Abies fraseri</i>	Fraser Fir	(planted-SC)
<i>Larix decidua</i>	European Larch	(planted-many)
<i>Larix laricina</i>	American Larch (Tamarack)	SC, RH
<i>Picea abies</i>	Norway Spruce	(planted-many)
<i>Picea mariana</i>	Black Spruce	many
<i>Picea pungens</i>	Blue Spruce	(planted-many)
<i>Picea rubens</i>	Red Spruce	(planted-RH)
<i>Pinus resinosa</i>	Red Pine	many
<i>Pinus rigida</i>	Pitch Pine	many
<i>Pinus strobus</i>	Eastern White Pine	many
<i>Pinus sylvestris</i>	Scotch Pine	(planted-many)
<i>Tsuga canadensis</i>	Eastern Hemlock	many
Taxaceae	Yew Family	WOODY
<i>Taxus baccata</i> (+ others)	English Yew	(planted-many)
<i>Taxus canadensis</i>	Canada Yew	DC, FG, AR