

## **APPENDIX 11.2:**

### **Diversity of Vascular Plants in Maine and Northeastern U.S.**

Maine data are derived from Haines and Vining (H&V; 1998). Aquatic taxa include submerged, floating and emergent species (habitat data from descriptions by H&V). Northeastern U.S. data are from Crowe and Hellquist (2002). Family designations follow H&V; data from Crowe and Hellquist were manipulated where necessary to place taxa in equivalent H&V family designations.

Appendix 11.2

Family	Maine Taxa				Northeastern U.S. Taxa	
	Total Genera	Total Species	Wetland Species	Aquatic Species	Aquatic & Wetland Genera	Aquatic & Wetland Species
Lycopodiaceae	4	15	3	0	2	4
Isoetaceae	1	6	0	6	1	9
Selaginellaceae	1	3	2	0	0	0
Ophioglossaceae	2	10	2	0	0	0
Equisetaceae	1	8	3	1	1	7
Osmundaceae	1	3	2	0	1	2
Marsileaceae	1	1	0	1	2	3
Polypodiaceae	18	41	11	0	4	6
Pinaceae	5	13	2	0	2	2
Taxaceae	1	1	0	0	0	0
Cupressaceae	3	5	1	0	2	2
Ceratophyllaceae	1	2	0	2	1	2
Nymphaeaceae	3	6	0	6	4	10
Aristolochiaceae	2	2	0	0	0	0
Lauraceae	2	2	1	0	1	1
Acoraceae	1	1	0	1	1	1
Nartheciaceae	1	1	0	0	0	0
Tofieldiaceae	1	1	1	0	1	3
Scheuchzeriaceae	1	1	1	0	1	1
Najadaceae	1	3	0	3	1	5
Alismataceae	2	7	0	7	3	21
Hydrocharitaceae	2	3	0	3	6	7
Juncaginaceae	1	3	0	0	1	4
Zannichelliaceae	1	1	0	1	1	1
Zosteraceae	1	1	0	0	1	1
Potamogetonaceae	3	25	0	24	3	34
Araceae	7	8	1	6	8	15
Tiliaceae	1	4	1	0	0	0
Melanthiaceae	1	1	1	0	1	1
Smilacaceae	1	2	0	0	0	0
Uvulariaceae	3	5	0	0	0	0
Liliceae	3	3	0	0	3	3
Hemerocallidaceae	1	2	0	0	0	0
Convallariaceae	3	7	2	0	1	1
Hypoxidaceae	1	1	0	0	0	0
Asparagaceae	1	1	0	0	0	0
Amaryllidaceae	2	2	0	0	0	0
Alliaceae	1	5	2	0	0	0
Hyacinthiaceae	1	1	0	0	0	0

Appendix 11.2 (cont.)

Family	Maine Taxa				Northeastern U.S. Taxa	
	Total Genera	Total Species	Wetland Species	Aquatic Species	Aquatic & Wetland Genera	Aquatic & Wetland Species
Iridaceae	2	9	7	0	1	6
Orchidaceae	18	46	27	0	10	29
Pontederiaceae	42	2	0	2	4	6
Commelinaceae	2	3	0	0	0	0
Typhaceae	2	9	0	8	2	13
Xyridaceae	1	3	3	0	1	10
Eriocaulaceae	1	2	0	1	2	5
Juncaceae	2	35	17	0	1	42
Cyperaceae	14	214	103	8	13	215
Poaceae	69	209	34	9	29	76
Nelumbonaceae	1	1	0	0	1	2
Platanaceae	1	1	0	0	0	0
Papaveraceae	8	11	0	0	0	0
Berberidaceae	3	4	0	0	0	0
Ranunculaceae	12	39	12	3	6	25
Vitaceae	2	6	0	0	0	0
Viscaceae	1	1	0	0	0	0
Santalaceae	2	2	1	0	0	0
Hamamelidaceae	1	1	0	0	0	0
Penthoraceae	1	1	1	0	1	1
Haloragaceae	2	8	1	7	2	13
Grossulariaceae	1	10	2	0	0	0
Saxifragaceae	4	7	2	0	2	2
Crassulaceae	3	10	1	0	1	1
Droseraceae	1	4	3	1	1	7
Plumbaginaceae	1	1	0	0	1	1
Polygonaceae	7	47	5	0	2	26
Phytolaccaceae	1	1	0	0	0	0
Molluginaceae	1	1	0	0	0	0
Nyctaginaceae	1	2	0	0	0	0
Portulacaceae	3	3	0	0	0	0
Amaranthaceae	10	40	0	1	2	3
Caryophyllaceae	19	53	2	0	0	0
Podostemaceae	1	1	0	1	1	1
Geraniaceae	2	11	0	0	0	0
Oxalidaceae	1	4	0	0	0	0
Parnassiaceae	1	1	1	0	1	6
Celastraceae	2	4	0	0	0	0
Myricaceae	2	3	1	0	1	4
Juglandaceae	2	3	1	0	1	4
Betulaceae	5	14	5	0	2	8

Family	Maine Taxa				Northeastern U.S. Taxa	
	Total Genera	Total Species	Wetland Species	Aquatic Species	Aquatic & Wetland Genera	Aquatic & Wetland Species
Fagaceae	3	11	0	0	3	3
Cucurbitaceae	4	4	0	0	0	0
Rosaceae	24	115	16	0	8	16
Elaeagnaceae	2	3	0	0	0	0
Rhamnaceae	3	4	1	0	1	1
Cannabaceae	2	3	0	0	0	0
Ulmaceae	1	3	0	0	1	1
Urticaceae	6	7	0	0	2	3
Polygalaceae	1	6	1	0	0	0
Fabaceae	26	59	8	0	3	3
Elatinaceae	1	3	2	1	2	5
Linaceae	2	5	0	0	0	0
Salicaceae	2	30	11	0	2	22
Violaceae	1	24	7	1	1	7
Clusiaceae	2	12	6	1	2	19
Euphorbiaceae	3	10	0	0	0	0
Lythraceae	2	4	3	1	5	10
Onagraceae	4	20	4	1	2	24
Melastomataceae	1	1	0	0	1	5
Resedaceae	1	2	0	0	0	0
Brassicaceae	33	66	5	3	5	16
Anacardiaceae	2	6	0	0	1	1
Sapindaceae	2	11	1	0	1	3
Simaroubaceae	1	1	0	0	0	0
Rutaceae	2	2	0	0	0	0
Cistaceae	3	7	0	0	0	0
Thymelaeaceae	2	2	0	0	0	0
Malvaceae	5	11	0	0	2	4
Cornaceae	2	8	3	0	1	4
Hydrangeaceae	1	1	0	0	0	0
Diapensiaceae	1	1	0	0	0	0
Sarraceniaceae	1	1	1	0	1	2
Actinidaceae	1	1	0	0	0	0
Clethraceae	1	1	1	0	1	1
Polemoniaceae	3	7	1	0	1	1
Primulaceae	7	17	5	1	4	11
Balsaminaceae	1	3	0	0	1	2
Ericaceae	21	46	17	0	9	21
Convolvulaceae	4	11	1	0	0	0
Boraginaceae	13	23	2	2	2	3
Solanaceae	7	17	0	0	1	1
Oleaceae	3	6	1	0	2	4

Family	Maine Taxa				Northeastern U.S. Taxa	
	Total Genera	Total Species	Wetland Species	Aquatic Species	Aquatic & Wetland Genera	Aquatic & Wetland Species
Phrymaceae	1	1	0	0	0	0
Verbenaceae	1	3	1	0	2	4
Lamiaceae	27	47	8	0	7	27
Lentibulariaceae	2	10	1	9	2	15
Orobanchaceae	11	21	4	0	2	9
Scrophulariaceae	2	5	0	0	10	38
Veronicaceae	17	51	9	6	16	51
Gentianaceae	7	1	4	0	4	16
Apocynaceae	4	8	1	0	1	3
Rubiaceae	5	23	5	0	3	9
Adoxaceae	2	10	2	0	2	15
Aquifoliaceae	2	4	4	0	2	4
Caprifoliaceae	8	18	5	0	2	3
Apiaceae	25	37	5	0	13	25
Menyanthaceae	2	2	1	1	2	4
Campanulaceae	3	14	5	0	2	12
Asteraceae	71	220	21	1	16	75

Appendix 11.2 (end)