

VANTAGE HILL VEGETATION SCHEDULE

PLANTING SCHEDULE										PLANTING QUANTITIES (BASED ON ONE-GALLON SIZE) ⁴					
CONTAINER PLANTING ZONE	SPECIES GROUP ^{1,2}	SPECIES ²	INDICATOR STATUS	WILDLIFE VALUE				PLANT SPACING ³	CONTAINER SIZE, RATE, AND QUANTITY ⁴	AREA (SF): AREA (AC): LENGTH (LF):	A	B	C	D	E
				FUNCTIONS	PRIMARY SPECIES	PLANT PART	SEASON								
RIPARIAN FOREST	TREE LAYER	1	QUERCUS ALBA (WHITE OAK)	FACU-	Food	Blue jays, woodpeckers, turkey, deer, fox, raccoons, squirrels, other small mammals	Nuts	Fall, Winter	SEE NOTE #3	300 ONE-GAL -- or -- 600 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	174 (BASED ON ONE-GALLON)			93	81
			QUERCUS PALUSTRIS (PIN OAK)	FACW											
			QUERCUS PHELLOS (WILLOW OAK)	FAC+											
			QUERCUS RUBRA (NORTHERN RED OAK)	FACU-											
		2	ACER NEGUNDO (BOX ELDER)	FAC+	Food	Finches, chickadees, squirrels, robins, goldfinches, other birds	Seeds, buds, flowers, plant	Spring, summer	SEE NOTE #3	150 ONE-GALLON -- or -- 300 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	88 (BASED ON ONE-GALLON)			47	41
		ACER RUBRUM (RED MAPLE)	FAC	Food	Finches, chickadees, squirrels, robins, goldfinches, other birds	Seeds, buds, flowers, plant	Spring, summer								
		BETULA NIGRA (RIVER BIRCH)	FACW	Food, cover	Song birds	Seeds, plant	All								
		LIQUIDAMBAR STRYACIFLUA (SWEET GUM)	FAC	Food	Finches, cardinals, chickadees, sparrows, squirrels	Seed	Summer, fall, winter								
		PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE)	FACW-	Food	Raccoons, opossum, wood duck, pileated and other woodpeckers	Hollow trunks	All								
		3	ILEX OPACA (AMERICAN HOLLY)	FACU+	Food, cover, reproductive areas	Robins, bluebirds, mockingbirds, hermit thrush	Fruit, plant	All	SEE NOTE #3	100 ONE-GALLON -- or -- 200 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	58 (BASED ON ONE-GALLON)			31	27
				FACU-	Food, cover	Songbirds, small mammals	Fruit, plant	All							
		SHRUB LAYER	4	AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC	Food, cover	Song birds, small mammals	Fruit, plant	All	SEE NOTE #3	150 ONE-GALLON -- or -- 300 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	88 (BASED ON ONE-GALLON)			47
			CERCIS CANADENSIS (EASTERN REDBUD)	FACU-	Food	Honeybees, butterfly caterpillars	Flowers, leaves	Spring, summer							
			CORNUS FLORIDA (FLOWERING DOGWOOD)	FACU-	Food	Wild turkey, cardinal, cedar waxwing, robin, brown thrasher, wood thrush, rabbits	Flower, fruit	Spring, fall							
			CORYLUS AMERICANA (AMERICAN HAZELNUT)	FACU-	Food, cover	Songbirds, small mammals	Fruit	Summer, fall							
			VBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC	Food	Robins, bluebirds, other thrushes, thrashers, catbirds, vireos	Fruit	Fall							
			VBURNUM PRUNIFOLIUM (BLACK-HAW)	FACU	Food, cover	Catbirds, thrashers, thrushes, cover and nest sites for songbirds	Fruit, plant	Spring, fall							

RIPARIAN FOREST QUANTITY SUBTOTALS

CORNUS AMOMUM (SLIKY DOGWOOD)	FACW	Food	Catbird, thrasher, thrushes, woodpeckers	Fruit	Summer, fall	SEE NOTE #3 (AVERAGES 3' O.C. FOR ONE-GALLON)	N/A	429 (BASED ON ONE-GALLON)				207	222		
ILEX VERTICILLATA (COMMON WINTERBERRY)	FACW+	Food, cover, reproductive areas	Bluebird, catbird, brown thrasher, robin, yellow bellied sapsucker, mockingbird	Flower, seed, leaves	All										
SAMBUCUS CANADENSIS (ELDERBERRY)	FACW-	Food, cover	Brown thrasher, catbird, woodpeckers, thrushes	Seed	Spring, fall, winter										
VBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC	Food, cover, reproductive areas	Purple finch, goldfinch, robin, junco, bluebird, hermit thrush	Flower, fruit	Spring, summer, fall										
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STREAM BANK QUANTITY SUBTOTALS

CORNUS AMOMUM (SLIKY DOGWOOD)	FACW	Food, cover, reproductive areas	Catbird, thrasher, thrushes, cedar waxwings, rabbits	Flower, fruit	Summer, fall, winter	1' O.C. (SEE NOTES #5, #6)	N/A	1,287 (TUBELINGS OR LIVESTAKES ONLY - SEE NOTE #5)				621	668		
SALIX NIGRA (BLACK WILLOW)	FACW+	Food, cover	Beaver, porcupine, deer, muskrat, ducks, fish	Seeds, plant, leaves	Spring, summer, fall										
VBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC	Food	Robins, bluebirds, other thrushes, thrashers, catbirds, vireos	Fruit	Fall										
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STREAM EDGE QUANTITY SUBTOTALS

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SEEDING SCHEDULE

SEED PLANTING ZONE	SPECIES GROUP ^{1,2}	SPECIES ²	INDICATOR STATUS	WILDLIFE VALUE				SEEDING RATE ¹ (LBS/AC)	AREA PER PLANT (AC)	QUANTITY (LBS)	AREA (SF): AREA (AC):	A	B	C	D	E
				FUNCTIONS	PRIMARY SPECIES	PLANT PART	SEASON									
RIPARIAN BUFFER SEED MIX	7	LOLUM MULTIFLORUM (ANNUAL RYEGRASS)	NI	Erosion control, food	Sparrows, finches, small mammals	Seeds	Summer, fall	45.00	0.73	32.85		3.15	3.15	13.95	12.15	0.45
		SETARIA ITALICA (FOXTAIL MILLET)	UPL	Food	Sparrows, finches, small mammals	Seeds	Fall, winter	45.00	0.73	32.85		3.15	3.15	13.95	12.15	0.45
	8	CAREX SCOPARIA (BLUNT BROOM SEDGE)	FACW	Food, cover	Song birds (esp. sparrows), small mammals	Seeds, plant	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		CAREX SQUARROSA (SQUARROSE SEDGE)	NI			Seeds	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		CAREX VULPINOIDEA (FOX SEDGE)	OBL	Food	Song birds, waterfowl	Seeds	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		CYPERUS ESCULENTUS (CHIFFA)	FACW	Food	Song birds, waterfowl	Seeds	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		JUNCUS EFFUSUS (SOFT RUSH)	FACW+	Food, cover, reproductive areas	Waterfowl, songbirds (esp. sparrows), bluegill and other fish	Seeds, stems	Summer, fall, winter	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
	JUNCUS TENUIS (PATH RUSH)	FAC-	Food	Songbirds, small mammals	Seeds	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00	
	9	ELYMUS RIPARIUS (RIVERBANK WILD RYE)	FACW	Food	Song birds, small mammals	Seeds, leaves	All	10.00	0.73	7.30		0.70	0.70	3.10	2.70	0.10
		ELYMUS VIRGINICUS (VIRGINIA WILD RYE)	FACW-	Food	Deer, sparrows, small mammals	Seeds, leaves	All	10.00	0.73	7.30		0.70	0.70	3.10	2.70	0.10
		PANICUM CLANDESTINUM (DEER TONGUE GRASS)	FAC+	Food	Song birds, waterfowl, small mammals	Seeds	Summer, fall	10.00	0.73	7.30		0.70	0.70	3.10	2.70	0.10
		PANICUM DICHOTOMIFLORUM (SMOOTH PANIC GRASS)	FACW-	Food	Song birds, waterfowl, small mammals	Seeds	Summer, fall	10.00	0.73	7.30		0.70	0.70	3.10	2.70	0.10
		ANEMONE VIRGINIANA (THIMBLEWEED)	NI	Food	Pollinators, butterflies, beneficial insects	Flowers	Spring, summer	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
	10	ASTER NOVAE-ANGLIAE (NEW ENGLAND ASTER)	FACW-	Food	Butterflies	Flowers	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		ASTER PLOSUS (HEATH ASTER)	UPL	Food	Butterflies	Flowers	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		ASTER PRENANTHOIDES (ZIG ZAG ASTER)	FAC	Food	Butterflies	Flowers	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		LIUM SUPERBUM (TURKSCAP LLY)	FACW+	Food	Butterflies, song birds	Flowers	Summer	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		SOLIDAGO JUNCEA (EARLY GOLDENROD)	UPL	Food	Pollinators, butterflies, beneficial insects	Seeds	Fall, winter	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
	11	EUPATORIUM FISTULOSUS (JOE PYE WEED)	FACW	Food	Pollinators, butterflies, beneficial insects	Flowers, seeds	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		EUPATORIUM PERFORIATUM (BONESET)	FACW+	Food	Pollinators, butterflies, beneficial insects	Flowers	Summer	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		EUTHAMIA GRAMINIFOLIA (GRASS LEAVED GOLDENROD)	FAC	Food	Butterflies	Flowers	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		SOLIDAGO CANADENSIS (CANADIAN GOLDENROD)	FACU	Food	Butterflies, song birds, small mammals	Flowers	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		SOLIDAGO SPECIOSA (SHOWY GOLDENROD)	UPL	Food	Butterflies, song birds, small mammals	Flowers	Summer, fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		VERNONIA NOVEBORACENSIS (NEW YORK IRONWEED)	FACW+	Food	Butterflies	Flowers	Fall	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		ZZZA AUREA (GOLDEN ALEXANDERS)	FAC	Food	Beneficial insects	Flowers	Spring, summer	0.10	0.73	0.08		0.01	0.01	0.03	0.03	0.00
		ASCLEPIAS SYRACA (COMMON MILKWEED)	UPL	Food	Butterflies, beneficial insects	Flowers	Spring, summer	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		BIDENS FRONDOSA (BEGGAR TICKS)	FACW	Food	Pollinators, butterflies, beneficial insects	Seeds	Summer, fall, winter	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		HELENIUM AUTUMNALE (COMMON SNEEZEWEED)	FACW+	Food	Butterflies	Flowers	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
	12	HELIANTHUS ANGSTIFOLIUS (NARROW-LEAF SUNFLOWER)	FACW	Food	Butterflies, song birds	Flowers, seeds	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		ONOCLEA SENSIBILIS (SENSITIVE FERN)	FACW	Food	Songbirds, small mammals	Fruits	Spring, summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		PENSTEMON DIGITALIS (PENSTEMON)	FAC	Food	Pollinators, butterflies, beneficial insects	Leaves, seeds	All	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		VERBENA HASTATA (BLUE VERVAIN)	FACW+	Food	Pollinators, butterflies, beneficial insects	Flowers, seeds	Spring, summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		VERBESINA ALTERNIFOLIA (WINGSTEM)	FAC	Food	Butterflies, other insects	Flowers	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
	13	COREOPSIS LANCEOLATA (LANCE LEAVED COREOPSIS)	FACU	Food	Song birds, butterflies	Flowers, seeds	Spring, summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		HELOPSIS HELIANTHOIDES (OXEYE SUNFLOWER)	UPL	Food	Pollinators, butterflies, beneficial insects	Flowers, seeds	Spring, summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		POLYGONUM PENNSYLVANICUM (PA SMARTWEED)	FACW	Food	Sparrows, finches, blackbirds, quail, small mammals	Seeds	Fall, winter	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		RUDBECKIA HIRTA (BLACK EYED SUSAN)	FACU-	Food	Butterflies and other pollinators	Flowers, seeds	Summer, fall, winter	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		SENNA HEBEICARPA (WILD SENNA)	FAC	Food	Song birds, upland game birds	Seeds	Summer	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
	14	AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC	Food, cover	Song birds, small mammals	Fruit, plant	All	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		ARONIA MELANOCARPA (BLACK CHOKEBERRY)	UPL	Food, cover	Songbirds, upland game birds, small mammals	Fruit	Fall, winter	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		HAMAMELIS VIRGINIANA (WITCH HAZEL)	FAC-	Food, cover, reproductive areas	Ruffed grouse, wild turkey, rabbit, deer, beaver	Flowers, fruit	Spring, fall, winter	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		ILEX VERTICILLATA (WINTERBERRY)	FACW+	Food, cover, reproductive areas	Song birds, upland game birds	Flower, seed, leaves	All	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		LINDERA BENZON (NORTHERN SPICEBUSH)	FACW-	Food	Thrushes vireos, catbird, bluebird, butterfly caterpillars	Fruit, leaves	Spring, summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		PHYSCARPUS OPULIFOLIUS (COMMON NINEBARK)	FACW-	Food, cover	Songbirds, waterfowl, small mammals, beneficial insects	Flowers, fruit	All	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		VBURNUM DENTATUM (SOUTHERN ARROW WOOD)	FAC	Food	Robins, bluebirds, other thrushes, thrashers, catbirds, vireos	Fruit	Fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		VBURNUM PRUNIFOLIUM (BLACK-HAW)	FACU	Food, cover	Catbirds, thrashers, thrushes, cover and nest sites for songbirds	Fruit, plant	Spring, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		ACER RUBRUM (RED MAPLE)	FAC	Food	Finches, chickadees, squirrels, robins, goldfinches, other birds	Seeds, buds, flowers, plant	Spring, summer	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
		CARPINUS CAROLINIANA (MUSCLEWOOD)	FAC	Food	Ruffed grouse, bobwhite, pheasant, wild turkey, squirrel, rabbit, deer	Fruit	Summer, fall	0.20	0.73	0.13		0.01	0.01	0.06	0.05	0.00
	15	CERCIS CANADENSIS (EASTERN REDBUD)	FACU-	Food	Honeybees, butterfly caterpillars	Flowers, leaves	Spring, summer	0.20	0.73	0.13		0.01	0.			