

**Plant Names in BOLD have been documented in Carlisle during Wetland Delineation activities									
<u>TYPE</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>DRIER UPLAND</u>	<u>FORESTED WETLANDS & SHADE</u>	<u>WET, SUNNY MEADOWS</u>	<u>BANKS & WATER'S EDGE</u>	<u>UNDER WATER (>1' DEEP)</u>	<u>WETLAND INDICATOR STATUS</u>	
Deciduous Trees	Acer pensylvanicum	Striped Maple	x	x				FACU	
Deciduous Trees	Acer rubrum	Red Maple	x	x	x	x		FAC	
Deciduous Trees	Acer saccharinum	Silver Maple	x	x	x	x		FACW	
Deciduous Trees	Acer saccharum	Sugar Maple	x	x	x			FACU-	
Deciduous Trees	Benthamidia (Cornus) florida	Flowering Dogwood	x	x	x			FACU	
Deciduous Trees	Betula alleghaniensis	Yellow Birch	x	x	x	x		FAC	
Deciduous Trees	Betula lenta	Black Birch	x		x			FACU	
Deciduous Trees	Betula nigra	River Birch	x		x	x	x	FACW	
Deciduous Trees	Betula papyrifera	Paper Birch	x					FACU	
Deciduous Trees	Betula populifolia	Grey Birch	x		x	x		FAC	
Deciduous Trees	Carpinus caroliniana	American Hornbeam	x					FAC	
Deciduous Trees	Fagus grandifolia	American Beech	x	x				FACU	
Deciduous Trees	Fraxinus pennsylvanica	Green Ash	x	x	x	x		FACW	The non-native Emerald Ash Borer has been infecting plants. Use with caution.
Deciduous Trees	Hamamelis virginiana	Witch-Hazel	x	x				FAC-	
Deciduous Trees	Larix laricina	Tamarack Larch	X		X	X		FACW	
Deciduous Trees	Nyssa sylvatica	Sweet Gum	x	x	x	x		FAC	
Deciduous Trees	Ostrya virginiana	American Hophornbeam (Ironwood)	x		x			FACU	
Deciduous Trees	Platanus occidentalis	American Sycamore	x		x	x		FACW-	
Deciduous Trees	Populus tremuloides	Trembling Aspen	x					FACU	
Deciduous Trees	Prunus serotina	Black Cherry	x					FACU	
Deciduous Trees	Prunus virginiana	Choke-cherry	x					FACU	
Deciduous Trees	Quercus alba	White Oak	x	x	x			FACU	
Deciduous Trees	Quercus bicolor	Swamp White Oak	x	x	x	x		FACW+	
Deciduous Trees	Quercus coccinea	Scarlet Oak	x		x			UPL	
Deciduous Trees	Quercus montana (prinus)	Chestnut Oak	x	x	x			UPL	
Deciduous Trees	Quercus rubra	Red Oak	x	x	x			FACU-	
Deciduous Trees	Quercus velutina	Black Oak	x	x	x			UPL	
Deciduous Trees	Tilia americana	American Basswood	x		x			FACU	
Deciduous Trees	Ulmus americana	American Elm	x	x	x	x		FAC	Dutch Elm Disease has been infecting plants. Use with caution
Evergreen Trees	Abies balsamea	Balsam Fir	X	X	X			FAC	
Evergreen Trees	Chamaecyparis thyoides	Atlantic White Cedar	x		x			OBL	
Evergreen Trees	Picea mariana	Black Spruce	X	X	X	X		FACW-	
Evergreen Trees	Pinus resinosa	Red Pine	x		x			FACU	
Evergreen Trees	Pinus rigida	Pitch Pine	x		x			FACU	
Evergreen Trees	Juniperus virginiana	Eastern Red Cedar	x		x			UPL	
Evergreen Trees	Pinus strobus	White Pine	x	x	x			FACU	
Evergreen Trees	Tsuga canadensis	Eastern Hemlock	x	x				FACU	

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Evergreen Shrubs	<i>Juniperus communis</i>	Common Juniper	x		x			FAC
Evergreen Shrubs	<i>Juniperus horizontalis</i>	Prostrate Juniper	x		x			FACU
Evergreen Shrubs	<i>Kalmia latifolia</i>	Mountain Laurel	x	x	x			FACU
Shrubs	<i>Alnus incana</i>	Speckled Alder	x		x	x	x	FACW+
Shrubs	<i>Amelanchier arborea</i>	Downy Serviceberry	x	x	x			FAC
Shrubs	<i>Amelanchier canadensis</i>	ShadBush	x	x	x			FAC
Shrubs	<i>Amelanchier laevis</i>	Smooth Shadbush	x	x	x			UPL
Shrubs	<i>Arctostaphylos uva-ursi</i>	Bearberry	x	x				UPL
Shrubs	<i>Baccharis halimifolia</i>	Groundseltree	x		x	x		FACW
Shrubs	<i>Ceanothus americanus</i>	New Jersey Tea	x					UPL
Shrubs	<i>Cephalanthus occidentalis</i>	Buttonbush	x	x	x	x	x	OBL
Shrubs	<i>Chamaedaphne calyculata</i>	Leatherleaf			x	x	x	OBL
Shrubs	<i>Clethra alnifolia</i>	Sweet Pepper Bush	x	x	x	x	x	FAC+
Shrubs	<i>Comptonia peregrina</i>	Sweet Fern	x		x			UPL
Shrubs	<i>Corylus americana</i>	American Hazelnut	x	x	x	x		FACU-
Shrubs	<i>Diervilla lonicera</i>	Bush Honeysuckle	x	x	x			UPL
Shrubs	<i>Ilex mucronata</i>	Mountain Holly		x	x	x	x	OBL
Shrubs	<i>Ilex verticillata</i>	Winterberry Holly	x		x	x	x	FACW+
Shrubs	<i>Iva frutescens</i>	High-Tide Bush	x		x	x		FACW+
Shrubs	<i>Kalmia angustifolia</i>	Sheep Laurel	x	x	x	x		FAC
Shrubs	<i>Lindera benzoin</i>	Spice Bush						FACW-
Shrubs	<i>Lyonia ligustrina</i>	Maleberry	x	x	x	x		FACW
Shrubs	<i>Morella (Myrica) pensylvanica</i>	Bayberry	x		x			FAC
Shrubs	<i>Myrica gale</i>	Sweet Gale	x		x	x		OBL
Shrubs	<i>Photinia (Aronia) arbutifolia</i>	Red Chokeberry	x		x			FACW
Shrubs	<i>Photinia (Aronia) melanocarpa</i>	Black Chokeberry	x		x			FAC
Shrubs	<i>Prunus maritima</i>	Beach Plum	x					UPL
Shrubs	<i>Rhododendron periclymenoides</i>	Pink Azalea	x	x	x			FAC
Shrubs	<i>Rhododendron viscosum</i>	Swamp Azalea		x	x	x		OBL
Shrubs	<i>Rhus coppalinum</i>	Winged Sumac	x		x			UPL
Shrubs	<i>Rhus coppalinum</i>	Winged Sumac	x		x			UPL
Shrubs	<i>Rosa carolina</i>	Pasture Rose	x					FACU
Shrubs	<i>Rosa palustris</i>	Swamp Rose	x		x	x		OBL
Shrubs	<i>Rosa virginiana</i>	Low Rose	x		x			FAC
Shrubs	<i>Rubus allegheniensis</i>	Common Blackberry	x		x			FACU
Shrubs	<i>Rubus idaeus</i>	American Red Raspberry	x		x			FACU
Shrubs	<i>Rubus occidentalis</i>	Black Raspberry	x					UPL
Shrubs	<i>Salix bebbiana</i>	Beb's Willow			x	x		FACW
Shrubs	<i>Salix discolor</i>	Pussy Willow		x	x	x	x	FACW
Shrubs	<i>Salix nigra</i>	Black Willow	x	x	x	x	x	FACW+
Shrubs	<i>Salix sericea</i>	Silky Willow			x	x	x	OBL
Shrubs	<i>Sambucus canadensis</i>	Common Elderberry	x		x	x		FACW-
Shrubs	<i>Sambucus nigra</i>	Black Elderberry	x	x	x	x		FACW

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Shrubs	Spirea alba (latifolia)	Meadowsweet	x		x			FAC+	
Shrubs	Spirea tomentosa	Steeple-bush	x		x	x		FACW	
Shrubs	Swida (Cornus) alternifolia	Pagoda Dogwood	x	x				UPL	
Shrubs	Swida (Cornus) amomum	Silky Dogwood	x	x	x	x		FACW	
Shrubs	Swida (Cornus) racemosa	Grey Dogwood	x	x	x	x		FAC	
Shrubs	Swida (Cornus) sericea	Red Osier Dogwood	x	x	x	x		FACW+	
Shrubs	Vaccinium angustifolium	Low Bush Blueberry	x	x	x			FACU-	
Shrubs	Vaccinium corymbosum	High Bush Blueberry	x	x	x	x		FACW	
Shrubs	Viburnum acerifolium	Maple-leaf Viburnum	x	x	x			UPL	The non-native Viburnum Leaf Beetle has been defoliating plants. Use with caution
Shrubs	Viburnum dentatum	Northern Arrow-wood	x	x	x			FACW-	The non-native Viburnum Leaf Beetle has been defoliating plants. Use with caution
Shrubs	Viburnum lentago	Nannyberry	x	x				FAC	
Shrubs	Viburnum nudum	Wild Raisin	x	x	x			FACW	The non-native Viburnum Leaf Beetle has been defoliating plants. Use with caution
Shrubs	Viburnum trilobum	American Cranberrybush	x	x	x			FACW	The non-native Viburnum Leaf Beetle has been defoliating plants. Use with caution
Ferns	Adiantum pedatum	Maidenhair Fern						FAC-	
Ferns	Dennstaedtia punctilobula	Hay Scented Fern	x	x	x	x		UPL	
Ferns	Dryopteris marginalis	Marginal Wood Fern	x	x				FACU	
Ferns	Matteuccia struthiopteris	Ostrich Fern						FACW	
Ferns	Onclea sensibilis	Sensitive Fern						FACW	
Ferns	Osmunda cinnamomea	Cinnamon Fern	x	x		x		FACW	
Ferns	Osmunda claytoniana	Interrupted Fern						FACW	
Ferns	Osmunda regalis	Royal Fern						OBL	
Ferns	Parathelypteris noveboracensis	NY Fern	x	x				UPL	
Ferns	Polystichum acrostichoides	Christmas Fern						FACU-	
Grasses & Sedges	Andropogon gerardii	Big Bluestem	x					FAC	
Grasses & Sedges	Andropogon virginicus	Broom Sedge	x					FACU	
Grasses & Sedges	Calamagrostis canadensis	Canada Bluejoint Grass	x		x	x	x	FACW+	
Grasses & Sedges	Carex amphibola	Stiff Sedge						FAC	
Grasses & Sedges	Carex appalachica	Appalachian Sedge	x	x	x			UPL	
Grasses & Sedges	Carex comosa	Bearded Sedge	x		x	x	x	OBL	
Grasses & Sedges	Carex crinita	Awed Sedge	x	x	x	x		OBL	
Grasses & Sedges	Carex lupulina	Hop-sedge	x	x	x	x		FACW+	
Grasses & Sedges	Carex lurida	Sallow Sedge	x		x	x		OBL	
Grasses & Sedges	Carex pensylvanica	Oak Sedge	x	x		x		UPL	
Grasses & Sedges	Carex platyphylla	Broad-leaved Woodland-sedge						UPL	
Grasses & Sedges	Carex radiata	Star Sedge	x		x	x		FAC	
Grasses & Sedges	Carex scoparia	Broom Sedge	x		x	x		FACW	

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Grasses & Sedges	Carex stipata	Awl Fruited Sedge	x	x	x	x		OBL
Grasses & Sedges	Carex stricta	Tussock-sedge	x	x	x	x	x	OBL
Grasses & Sedges	Carex vulpinoidea	Fox Sedge	x	x	x	x		OBL
Grasses & Sedges	Cinna arundinacea	Stout Wood Reedgrass	x	x		x		FACW+
Grasses & Sedges	Deschampsia cespitosa	Tussock-hairgrass	x	x	x	x		FACW
Grasses & Sedges	Deschampsia flexuosa	Common Hair Grass	x	x	x	x		FACU
Grasses & Sedges	Dulichium arundinaceum	Threeway Sedge	x		x	x		OBL
Grasses & Sedges	Eleocharis palustris	Creeping Spike-rush	x		x	x		OBL
Grasses & Sedges	Elymus riparius	Riverbank Wild Rye		x	x	x		FACW
Grasses & Sedges	Elymus virginicus	Virginia Wild Rye		x	x	x		FACW/FAC
Grasses & Sedges	Eragrostis spectabilis	Purple Lovegrass	x		x			UPL
Grasses & Sedges	Glyceria canadensis	Mannagrass		x		x	x	OBL
Grasses & Sedges	Glyceria striata	Fowl Mannagrass		x	x	x		OBL
Grasses & Sedges	Juncus canadensis	Canada Rush	x	x	x	x	x	OBL
Grasses & Sedges	Juncus effusus	Soft Rush	x		x	x	x	OBL
Grasses & Sedges	Juncus tenuis	Yard-rush	x	x	x	x	x	FAC-
Grasses & Sedges	Leersia oryzoides	Rice Cut-grass	x		x	x	x	OBL
Grasses & Sedges	Panicum virgatum	Switchgrass	x		x			FAC
Grasses & Sedges	Schizachyrium scoparium	Little Bluestem	x		x			FACU-
Grasses & Sedges	Schoenoplectus acutus	Hard Stem Bulrush			x	x	x	OBL
Grasses & Sedges	Schoenoplectus pungens	Common Threesquare			x	x	x	FACW+
Grasses & Sedges	Schoenoplectus tabernaemontani	Soft-stemmed Bulrush						OBL
Grasses & Sedges	Scirpus atrovirens	Dark Green Bullsedge			x	x	x	OBL
Grasses & Sedges	Scirpus cyperinus	Wool Grass	x		x	x	x	OBL
Grasses & Sedges	Sisyrinchium angustifolium	Stout Blue-eyed Grass	x		x			FAC
Grasses & Sedges	Sorghastrum nutans	Indian Grass	x		x			UPL
Grasses & Sedges	Sparganium americanum	Common Bur-reed				x	x	OBL
Grasses & Sedges	Typha latifolia	Common Cat-tail				x	x	OBL
Groundcovers	Anemone canadensis	Canada Anemone	x	x	x			FACW
Groundcovers	Anemone virginiana	Stout Thimbleweed	x	x	x			FACU
Groundcovers	Chamaepericlymenum (Cornus) canadense	Bunchberry	x	x		x		FAC
Groundcovers	Gaultheria procumbens	Wintergreen	x	x				FACU
Groundcovers	Tiarella cordifolia	Foam Flower	x	x				FACU
Perennials	Acorus americanus	Sweetflag	x		x	x	x	OBL
Perennials	Alisma subcordatum	Lesser Water-plantain			x	x	x	OBL
Perennials	Anaphalis margaritacea	Pearly Everlasting	x		x			FACU
Perennials	Antennaria plantaginifolia	Plantain-leaved Pussytoes	x					UPL
Perennials	Aquilegia canadensis	Wild Columbine	x	x	x			FACU
Perennials	Asarum canadense	Wild Ginger		x		x		UPL
Perennials	Asclepias incarnata	Swamp Milkweed	x		x	x	x	OBL
Perennials	Asclepias tuberosa	Butterfly Milkweed	x		x			FACU
Perennials	Caltha palustris	Marsh-marigold			x	x		OBL
Perennials	Chelone glabra	White Turtlehead	x	x	x	x		OBL
Perennials	Eupatorium perfoliatum	Boneset	x		x	x		FACW+
Perennials	Eurybia (Aster) divaricata	White Wood Aster	x		x			UPL

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Perennials	Euthamia graminifolia	Flat Topped Goldenrod	x		x	x		FAC
Perennials	Eutrochium (Eupatorium) fistulosum	Hollow Joe Pye Weed	x		x	x	x	FACW
Perennials	Eutrochium (Eupatorium) maculatum	Spotted Joe Pye Weed	x		x	x	x	FACW
Perennials	Eutrochium (Eupatorium) purpurea	Sweet Joe Pye Weed	x		x	x	x	FAC
Perennials	Gentiana clausa	Manna Grass	x	x	x	x		FACW
Perennials	Geranium maculatum	Wild Geranium	x	x	x			FACU
Perennials	Hibiscus moscheutos	Crimson-eyed Rosemallow		x	x	x		OBL
Perennials	Iris versicolor	Northern Blue Flag			x	x	x	OBL
Perennials	Lobelia cardinalis	Cardinal Flower	x	x	x	x		FACW+
Perennials	Lupinus perennis	Wild Lupine	x					UPL
Perennials	Mimulus ringens	Blue Monkey-flower			x	x		OBL
Perennials	Nymphaea odorata	White Water-lily				x	x	OBL
Perennials	Packera aurea	Golden Ragwort		x	x	x		FACW
Perennials	Packera obovata	Broad-leaved Ragwort		x	x			FACU
Perennials	Peltandra virginica	Arrow-arum			x	x	x	OBL
Perennials	Penstemon digitalis	Beard Tongue	x		x	x		FAC
Perennials	Pontederia cordata	Pickereel-weed				x	x	OBL
Perennials	Potamogeton nodosus	Long-leaved Pondweed				x	x	OBL
Perennials	Pycnanthemum muticum	Mountain Mint	x		x			FAC
Perennials	Rudbeckia laciniata	Green head Coneflower	x		x			FACW
Perennials	Sagittaria latifolia	Common Arrowhead				x	x	OBL
Perennials	Sanguisorba canadensis	Canada Burnet	x	x	x			FACW
Perennials	Solidago caesia	Bluestem-goldenrod	x		x			FACU
Perennials	Solidago odora	Sweet Goldenrod	x		x			UPL
Perennials	Solidago sempervirens	Seaside Goldenrod	x		x			FACW
Perennials	Stuckenia (Potamogeton) pectinata	Sago-pondweed				x	x	OBL
Perennials	Symphyotrichum (Aster) cordifolium	Blue Heart-leaf Aster	x					UPL
Perennials	Symphyotrichum (Aster) laeve	Smooth Aster	x					UPL
Perennials	Symphyotrichum (Aster) novae-angliae	New England Aster	x		x			FACW+
Perennials	Symphyotrichum (Aster) novi-belgii	NY Aster	x		x	x		FACW
Perennials	Symphyotrichum (Aster) puniceum	Swamp Aster	x		x	x		OBL
Perennials	Thalictrum dioicum	Early Meadow-rue	x	x				FACU
Perennials	Tradescantia ohiensis	Smooth Spiderwort	x		x			FACU
Perennials	Uvularia sessilifolia	Wild Oats						FAC
Perennials	Vallisneria americana	Wild Celery				x	x	OBL
Perennials	Verbena hastata	Blue Vervain	x		x	x		FACW+
Perennials	Vernonia noveboracensis	New York Ironweed	x		x			FACW+
Perennials	Zizia aurea	Golden Alexanders	x					FAC
Vines	Clematis virginiana	Virgin's Bower	x		x			FAC