

# Swede Forest SNA Bioblitz Findings

## Species found at the June 17, 2017 bioblitz.

---

### Bacteria:

- Apical chlorosis of Canada thistle aka PST – (Pseudomonas syringae pv. tagetis)

### Fungi and Lichens:

- Crown Rust (Puccinia coronata)

### Amphibians:

- Northern Leopard Frog (Rana pipiens)
- Eastern Gray Treefrog (Hyla versicolor)

### Reptiles:

- Red-sided Garter Snake (Thamnophis sirtalis parietalis)
- Plains Garter Snake (Thamnophis radix)
- Redbelly Snake (Storeria occipitomaculata)
- Five-lined Skink (Plestiodon fasciatus)
- Western Painted Turtle (Chrysemys picta belli)

### Mammals:

- Eastern Cottontail (Sylvilagus floridanus)
- Whitetail Deer (Odocoileus virginianus)
- White-footed Mouse (Peromyscus leucopus)
- Coyote (Canis latrans) scat

### Bats (determined by bat detectors):

- Little Brown Bat (Myotis lucifugus)
- Eastern Red Bat (Lasiurus borealis)
- Big Brown Bat (Eptesicus fuscus) or Silver Haired Bat (Lasionycteris noctivagans)
- Hoary Bat (Lasiurus cinereus)

### Birds:

- Ring-necked Pheasant (Phasianus colchicus)
- Pied-billed Grebe (Podilymbus podiceps)
- American White Pelican (Pelecanus erythrorhynchos)
- Green Heron (Butorides virescens)
- Killdeer (Charadrius vociferus)
- Mourning Dove (Zenaida macroura)
- Turkey Vulture (Cathartes aura)
- Bald Eagle (Haliaeetus leucocephalus)
- Belted Kingfisher (Megascops alcyon)
- Eastern Kingbird (Tyrannus tyrannus)
- Great Crested Flycatcher (Myiarchus crinitus)
- Eastern Wood-Pewee (Contopus virens)
- Brown-headed Cowbird (Molothrus ater)
- Red-winged Blackbird (Agelaius phoeniceus)
- Orchard Oriole (Icterus spurius)
- Baltimore Oriole (Icterus galbula)
- Common Grackle (Quiscalus quiscula)
- American Goldfinch (Spinus tristis)
- Lark Sparrow (Chondestes grammacus)—confirmed nesting
- Chipping Sparrow (Spizella passerina)
- Clay-colored Sparrow (Spizella pallida)
- Field Sparrow (Spizella pusilla)
- Rose-breasted Grosbeak (Pheucticus ludovicianus)
- Blue Grosbeak (Passerina caerulea)
- Dickcissel (Spiza americana)
- Barn Swallow (Hirundo rustica)
- Common Yellowthroat (Geothlypis trichas)
- Blue-gray Gnatcatcher (Poliophtila caerulea)
- Wood Thrush (Hylocichla mustelina)
- American Robin (Turdus migratorius)

- Eastern Bluebird (*Sialia sialis*)

## Insects:

### *Odonata (Dragonflies and Damselflies):*

- Lance-tipped Darner (*Aeshna constricta*)
- Shadow Darner (*Aeshna umbrosa*)
- Common Green Darner (*Anax junius*)
- Midland Clubtail (*Gomphurus fraternus*)
- Plains Clubtail (*Gomphurus externus*)
- Twelve-spotted Skimmer (*Libellula pulchella*)
- Four-spotted Skimmer (*Libellula quadrimaculata*)
- Widow Skimmer (*Libellula luctuosa*)
- Dot-tailed Whiteface (*Leucorrhinia intacta*)
- Halloween Pennant (*Celithemis eponina*)
- Common Pondhawk (*Erythemis simplicicollis*)
- Common Whitetail (*Plathemis lydia*)
- Blue Dasher (*Pachydiplax longipennis*)
- White-faced Meadowhawk (*Sympetrum obtrusum*)
- Cherry-faced Meadowhawk (*Sympetrum internum*)
- Black Meadowhawk (*Sympetrum danae*)
- Black Saddlebags (*Tremema lacerate*)
- Plains Emerald (*Somatochlora ensigera*)
- Racket-tailed Emerald (*Dorcordulia libera*)
- Ebony Jewelwing (*Calopteryx maculata*)
- Hagen's Bluet (*Enallagma hageni*)
- Tule Bluet (*Enallagma carunculatum*)
- Eastern Forktail (*Ischnura verticalis*)
- Sedge Sprite (*Nehalennia irene*)
- Slender Spreadwing (*Lestes rectangularis*)

### *Lepidoptera (Butterflies and Moths):*

- Least Skipper (*Ancyloxypha numitor*)
- Buckeye (*Junonia coenia*)
- Hackberry Emperor (*Asterocampa celtis*)
- Monarch (*Danaus plexippus*)
- Meadow Fritillary (*Boloria bellona*)
- Painted Lady (*Vanessa cardui*)
- Cabbage White (*Pieris rapae*)

- Eastern-tailed Blue (*Cupido comyntas*)
- Summer Azure (*Celastrina neglecta*)
- Eastern Tiger Swallowtail (*Papilio glaucus*)
- Red Admiral (*Vanessa atalanta*)
- Silvery Checkerspot (*Chlosyne nycteis*)
- Lilac/Ash Borer (*Podosesia syringae fraxini*)
- White-lined Sphinx (*Hyles lineata*)
- yellow-collared Scape Moth (*Cisseps fulvicollis*)

### *Tiger Beetles:*

- Six-spotted Tiger Beetle (*Cicindela sexguttata*)

### *Other Insects:*

- Deer Fly (*Chrysops* spp.)
- Goldenrod Bunch Gall Midge (*Rhopalomyia solidaginis*)
- Goldenrod Gall Fly (*Eurosta solidaginis*)
- Ichneumon Wasp (Family *Ichneumonidae*)
- Spotted Lady Beetle (*Coleomegilla maculata*)
- Western Honey Bee (*Apis mellifera*)
- Brown-belted Bumble Bee (*Bombus griseocollis*)
- Wasp Mantidfly (*Climaciella brunnea*)
- Sweat Bee (*Agapostemon* sp.)

## Arachnids (Spiders and Ticks):

### *Ticks:*

- American Dog Tick (*Dermacentor variabilis*)

### *Spiders:*

#### *Araneidae:*

- *Araneus pratensis* ♀
- *Neoscona arabesca* Subadult ♂

#### *Dictynidae:*

- *Emblyna hentzi* ♀♂
- *Emblyna sublata* ♀

#### *Gnaphosidae:*

- *Zelotes puritanus* ♀♂

- Zelotes sp\* ♀--possibly Z. subterraneus,

#### *Linyphiidae:*

- Erigone atra ♂

#### *Lycosidae:*

- Pardosa fuscula ♀
- Pardosa milvina ♀
- Pardosa modica ♀
- Pardosa moesta ♀♂
- Pirata piraticus ♀

#### *Oxyopidae:*

- Oxyopes salticus Subadult ♂
- Oxyopes scalaris Subadult ♂

#### *Philodromidae:*

- Philodromus placidus ♀
- Tibellus oblongus ♀♂

#### *Salticidae:*

- Eris militaris ♂
- Naphrys pulex ♂
- Pelegrina insignis ♀
- Phidippus clarus Subadult ♂
- Tutelina elegans ♀

#### *Theridiidae:*

- Theridion differens ♀

#### *Thomisidae:*

- Mecaphesa celer ♂
- Misumena vatia ♀
- Xysticus emertoni ♂
- Xysticus triguttatus ♀

#### **Fish:**

- Creek Chub (*Semotilus atromaculatus*)
- Blacknose Dace (*Rhinichthys atratulus*)

- Fathead Minnow (*Pimephales promelas*)
- Brook Stickleback (*Culaea inconstans*)

#### **Plants:**

##### *Bryophytes (mosses and liverworts):*

- Funaria hygrometrica
- Polytrichum juniperinum

##### *Woody Plants (trees, shrubs and vines):*

- Acer negundo (boxelder)
- Celastrus scandens (American bittersweet)
- Celtis occidentalis (common hackberry)
- Fraxinus pennsylvanica (green ash)
- Juniperus virginiana (eastern redcedar)
- Lonicera morrowii (Morrow's honeysuckle)
- Morus alba (white mulberry)
- Parthenocissus vitacea (woodbine)
- Populus tremuloides (quaking aspen)
- Prunus virginiana (chokecherry)
- Quercus macrocarpa (bur oak)
- Rhamnus cathartica (common buckthorn)
- Rhus glabra (smooth sumac)
- Ribes missouriense (Missouri gooseberry)
- Rubus idaeus (American red raspberry)
- Salix eriocephala (heart-leaved willow)
- Sambucus canadensis (American elderberry)
- Sambucus racemosa (red elderberry)
- Smilax tamnoides (bristly greenbrier)
- Symphoricarpos occidentalis (wolfberry)
- Tilia americana (American Basswood)
- Ulmus americana (American elm)
- Ulmus pumila (Siberian elm)
- Vitis riparia (wild grape)
- Zanthoxylum americanum (northern prickly ash)

##### *Graminoids (grasses, rushes and sedges):*

- Agrostis scabra (tickleglass)

- Andropogon gerardii (big bluestem)
- Bolboschoenus fluviatilis (river Bulrush)
- Bromus inermis (smooth brome)
- Carex annectens (yellow-fruited sedge)
- Carex atherodes (slough sedge)
- Carex bicknellii (Bicknell's sedge)
- Carex blanda (common woodland sedge)
- Carex brevior (shortbeak sedge)
- Carex conoidea (openfield sedge)
- Carex cristatella (crested sedge)
- Carex emoryi (Emory's sedge)
- Carex granularis (limestone meadow sedge)
- Carex gravida (heavy sedge)
- Carex grisea (wood gray sedge)
- Carex meadii (Mead's sedge)
- Carex normalis (greater straw sedge)\*
- Carex pellita (woolly Sedge)
- Carex pennsylvanica (Pennsylvania sedge)
- Carex radiata (eastern star sedge)
- Carex scoparia (pointed broom sedge)
- Carex sprengei (Sprengel's sedge)
- Carex tenera (quill sedge)
- Carex vulpinoidea (fox sedge)
- Dichanthelium acuminatum var. fasciculatum (hairy panic grass)
- Dichanthelium oligosanthos ssp. scribnerianum (Scribner's panic grass)
- Eleocharis compressa (flatstem spikerush)
- Eleocharis palustris (common spikerush)
- Elymus repens (quackgrass)
- Elymus villosus (silky wild rye)
- Eriochloa villosa (woolly cupgrass)
- Festuca subverticillata (nodding fescue)
- Hordeum jubatum ssp. jubatum (foxtail barley)
- Juncus dudleyi (Dudley's rush)
- Juncus interior (inland rush)
- Koeleria macrantha (june grass)
- Leersia oryzoides (rice cutgrass)
- Leersia virginica (whitegrass)
- Muhlenbergia glomerata (spiked muhly)
- Panicum virgatum (switchgrass)
- Pascopyrum smithii (western wheatgrass)

- Phalaris arundinacea (reed canary grass)
- Phleum pratense (Timothy)
- Poa compressa (Canada bluegrass)
- Poa palustris (fowl bluegrass)
- Poa pratensis (Kentucky bluegrass)
- Schizachyrium scoparium (little bluestem)
- Schoenoplectus tabernaemontani (soft-stem bulrush)
- Setaria faberi (giant foxtail)
- Setaria viridis (green foxtail)
- Sorghastrum nutans (Indiangrass)
- Sparganium eurycarpum (common bur-reed)
- Spartina pectinata (prairie cordgrass)
- Sphenopholis intermedia (slender wedgescale)
- Sphenopholis obtusata (prairie wedge grass)
- Sporobolus heterolepis (prairie dropseed)
- Typha angustifolia (narrow-leaved cattail)
- Typha latifolia (broad-leaved cattail)
- Typha x glauca (hybrid cattail)

#### *Forbs (wildflowers and ferns):*

- Achillea millefolium (common yarrow)
- Ageratina altissima (white snakeroot)
- Alisma sp. (water plantain)
- Allium canadense (wild garlic)
- Ambrosia artemisiifolia (common ragweed)
- Anemone cylindrica (thimbleweed)
- Anemone virginiana (tall thimbleweed)
- Antennaria neglecta (field pussytoes)
- Apocynum cannabinum (Indian hemp)
- Aquilegia canadensis (wild columbine)
- Arctium minus (common burdock)
- Artemisia ludoviciana (white sage)
- Asclepias syriaca (common milkweed)
- Calystegia sepium (hedge bindweed)
- Capsella bursa-pastoris (shepherd's purse)
- Carduus acanthoides (plumeless thistle)
- Carduus nutans (musk thistle)
- Cerastium arvense (field chickweed)
- Cerastium nutans (nodding chickweed)
- Chenopodium album (common lamb's-quarters)
- Chenopodium glaucum (oakleaf goosefoot)

- *Chenopodium simplex* (mapleleaf goosefoot)
- *Cirsium arvense* (Canada thistle)
- *Cirsium discolor* (field thistle)
- *Cirsium flodmanii* (Flodman's thistle)
- *Cirsium muticum* (swamp thistle)
- *Cirsium vulgare* (bull thistle)
- *Conyza canadensis* (Canadian horseweed)
- *Crepis tectorum* (narrow-leaf hawksbeard)
- *Cryptotaenia canadensis* (Canadian honewort)
- *Cynoglossum officinale* (hound's tongue)
- *Delphinium carolinianum* (prairie larkspur)
- *Dracocephalum parviflorum* (American dragonhead)
- *Ellisia nyctelea* (Aunt Lucy)
- *Equisetum laevigatum* (smooth scouring rush)
- *Erigeron annuus* (annual fleabane)
- *Erigeron philadelphicus* (Philadelphia fleabane)
- *Erigeron strigosus* (prairie fleabane)
- *Eupatorium perfoliatum* (common boneset)
- *Euphorbia esula* (leafy spurge)
- *Euphorbia spathulata* (warted spurge)
- *Eupatorium perfoliatum* (spotted Joe-Pye weed)
- *Fallopia scandens* (climbing false buckwheat)
- *Fragaria virginiana* (wild strawberry)
- *Galium aparine* (cleavers)
- *Galium boreale* (northern bedstraw)
- *Galium triflorum* (fragrant bedstraw)
- *Geranium carolinianum* (Carolina geranium)
- *Geum aleppicum* (yellow avens)
- *Geum canadense* (white avens)
- *Hackelia deflexa* (American stickseed)
- *Hackelia virginiana* (Virginia stickseed)
- *Hedeoma hispida* (rough false pennyroyal)
- *Hedyotis longifolia* (long-leaved bluet)
- *Helenium autumnale* (common sneezeweed)
- *Heliopsis helianthoides* (smooth oxeye)
- *Hesperis matronalis* (dame's rocket)
- *Hydrophyllum virginianum* (Virginia waterleaf)
- *Impatiens capensis* (spotted touch-me-not)
- *Iris virginica* (southern blue flag)
- *Lactuca ludoviciana* (prairie lettuce)
- *Lactuca serriola* (prickly lettuce)
- *Laportea canadensis* (Canadian wood nettle)
- *Lappula squarrosa* (European stickseed)
- *Lemna minor* (common duckweed)
- *Leonurus cardiaca* (motherwort)
- *Lepidium densiflorum* (common pepperweed)
- *Lithospermum incisum* (narrow-leaf puccoon)
- *Lotus corniculatus* (birds-foot trefoil)
- *Lycopus americanus* (American bugleweed)
- *Lycopus uniflorus* (northern bugleweed)
- *Lysimachia ciliata* (fringed loosestrife)
- *Lysimachia hybrida* (lowland yellow loosestrife)
- *Matricaria discoidea* (pineapple-weed)
- *Medicago lupulina* (black medick)
- *Medicago sativa* (alfalfa)
- *Melilotus alba* (white sweet clover)
- *Melilotus officinalis* (yellow sweet clover)
- *Mirabilis nyctaginea* (heart-leaved four o'clock)
- *Monarda fistulosa* (wild bergamot)
- *Nepeta cataria* (catnip)
- *Nuphar variegata* (yellow pond-lily)
- *Oenothera biennis* (common evening primrose)
- *Onosmodium molle* (false gromwell)
- *Opuntia fragilis* (brittle prickly pear)
- *Osmorhiza claytonii* (sweet cicely)
- *Oxalis stricta* (yellow wood sorrel)
- *Parietaria pensylvanica* (Pennsylvania pellitory)
- *Persicaria amphibia* (swamp smartweed)
- *Persicaria hydropiper* (marsh waterpepper)
- *Persicaria maculosa* (spotted ladythumb)
- *Phemeranthus parviflorus* (small-flowered fameflower)
- *Physalis heterophylla* (clammy groundcherry)
- *Physalis virginiana* (Virginia groundcherry)
- *Plantago patagonica* (woolly plantain)
- *Plantago rugelii* (blackseed plantain)
- *Polygonatum biflorum* (smooth Solomon's seal)
- *Polygonum aviculare* (prostate knotweed)
- *Potentilla arguta* (tall cinquefoil)
- *Potentilla norvegica* (rough cinquefoil)
- *Potentilla recta* (sulphur cinquefoil)
- *Potentilla simplex* (common cinquefoil)

- *Pycnanthemum virginianum* (Virginia mountain mint)
- *Ranunculus abortivus* (little-leaf buttercup)
- *Ranunculus sceleratus* (cursed crowfoot)
- *Ratibida pinnata* (gray-headed coneflower)
- *Rudbeckia laciniata* var. *laciniata* (cut-leaved coneflower)
- *Rumex crispus* (curly dock)
- *Sagittaria latifolia* (broad-leaf arrowhead)
- *Sanicula gregaria* (clustered black snakeroot)
- *Selaginella rupestris* (rock spikemoss)
- *Silene antirrhina* (sleepy catchfly)
- *Silene latifolia* (white campion)
- *Sisyrinchium campestre* (prairie blue-eyed grass)
- *Sisyrinchium montanum* (mountain blue-eyed grass)
- *Solanum dulcamara* (bittersweet nightshade)
- *Solanum nigrum* (black nightshade)
- *Solidago altissima* (tall goldenrod)
- *Solidago gigantea* (giant goldenrod)
- *Sonchus arvensis* (perennial sowthistle)
- *Sparganium eurycarpum* (giant bur-reed)
- *Stachys palustris* (marsh hedge nettle)
- *Stellaria longifolia* (long-leaved chickweed)
- *Symphotrichum ericoides* (heath aster)
- *Symphotrichum lanceolatum* (panicled aster)
- *Taraxacum officinale* (common dandelion)
- *Teucrium canadense* (Canada germander)
- *Thlaspi arvense* (field pennycress)
- *Tradescantia bracteata* (bracted spiderwort)
- *Tragopogon dubius* (yellow goat's beard)
- *Trifolium pratense* (red clover)
- *Trifolium repens* (white clover)
- *Typha angustifolia* (narrowleaf cattail)
- *Typha × glauca* (hybrid cattail)
- *Typha latifolia* (broadleaf cattail)
- *Urtica dioica* ssp. *gracilis* (stinging nettle)
- *Verbascum thapsus* (common mullein)
- *Verbena hastata* (blue vervain)
- *Verbena stricta* (hoary vervain)
- *Verbena urticifolia* (white vervain)
- *Vernonia fasciculata* (prairie Ironweed)
- *Vicia americana* (American vetch)
- *Viola palmata* var. *pedatifida* (prairie violet)
- *Viola sororia* (common blue violet)
- *Woodsia ilvensis* (rusty woodsia)
- *Xanthium strumarium* (cocklebur)