

Flora & Fauna of Hokum Rock Farm



Worldwide, we are experiencing the extinction of wildlife and plant species, by some counts, at a rate one thousand times that of earlier eras. In our stewardship of the land, as landowners and farmers, we respect the rights and wellbeing of the wildlife and plants species, which share this habitat with us. On our eighteen-acre farmland and woods, we have identified many species over the years and we will continue to add to our biodiversity count in the years ahead; hopefully we will not have to subtract from it. Every season brings us the joy of discovery at the varied and vibrant biodiversity present here and strengthens our resolve to preserve and protect this ecosystem.

The following is **Hokum Rock Farm's Biodiversity Count**, a partial list of flora & fauna we have identified on our farm in East Dennis, Massachusetts, as of 2016. The count is included in the book *Out in Blue Fields, A Year at Hokum Rock Blueberry Farm*, written by Janice Riley and Stephen Spear, and published in 2018 by *Schiffer Publishing*.

Wild Flowers:

Amaranth, Green- *Amaranthus retroflexus*
Arrow-Leaved Tearthumb (Native)- *Polygonum sagittatum*
Aster, Heath (Native)- *Symphotrichum ericoides*
Aster, Late Purple (Native)- *Aster patens*
Aster, White Wood (Native)- *Eurybia divaricata*
Bearberry- *Arctostaphylos uva-ursi*
Black-Eyed Susan (Native), *Rudbeckia hirta*

Blackberry (Native)- *Rubus fruticosus*
 Blue/Old-Field Toadflax (Native)- *Linaria canadensis*
 Broadleaf Dock- *Rumex obtusifolius*
 Buttercup, Creeping- *Ranunculus repens*
 Butterfly-Weed (Native)- *Asclepias tuberosa*
 Buttercup, Tall/ Meadow- *Ranunculus acris*
 Canada Mayflower (Native)- *Maianthemum canadense*
 Chicory- *Cichorium intybus*
 Clematis (Native)- *Clematis virginiana*
 Common Blue Violet (Native)- *Viola papilionacea*
 Common Burdock- *Arctium minus*
 Common Fleabane- *Erigeron philadelphicus*
 Common Milkweed- *Asclepias syriaca*
 Common Sunflower- *Helianthus annuus*
 Common Speedwell- *Veronica officinalis*
 Coreopsis/ Long-Stalked Tickseed (Native)- *Coreopsis lanceolata*
 Cypress, Spurge- *Euphorbia cyparissias*
 Daisy Fleabane (Native)- *Erigeron annuus*
 Daisy, Ox-Eye (Native)- *Leucanthemum vulgare*
 Dandelion- *Taraxacum officinale*
 Day-lily- *Hemerocallis fulva*
 Deptford, Pink- *Dianthus armeria*
 Dewberry (Native)- *Rubus flagelleris*
 Dwarf/Old-Field Cinquefoil (Native)- *Potentilla canadensis*
 English Plantain- *Plantago lanceolata*
 Everlasting Pea- *Lathyrus latifolius*
 Field Bindweed- *Convolvulus arvensis*
 Field Pansy (Native)- *Viola bicolor*
 Field Thistle (Native) - *Cirsium discolor*
 Forget-Me-Not, True- *Myosotis scorpiodes*
 Foxglove, Common- *Digitalis purpurea*
 Frostweed (Native)- *Helianthemum canadense*
 Goldenrod, Early (Native)- *Solidago juncea*
 Goldenrod, Seaside (Native)- *Solidago sempervirens*
 Grape-hyacinth- *Muscari botryoides*
 Heath Aster (Native)- *Symphotrichum ericoides*
 Hedge Bindweed (Native)- *Calystegia sepium*
 Henbit- *Lamium amplexicaule*
 Hop Clover- *Trifolium agrarium*
 Horse-Nettle (Native)- *Solanum carolinense*
 Indian-Pipe (Native)- *Monotropa uniflora*
 Inkberry (Native)- *Ilex glabra*
 Japanese Honeysuckle- *Lonicera japonica*
 Lady's-Slipper, Pink/ Moccasin Flower- *Cypripedium acaule*
 Lady's-Thumb- *Polygonum persicaria*
 Late Purple Aster (Native)- *Symphotrichum patens*
 Low Showy Aster (Native)- *Eurybia spectabilis*
 Lupine, Wild Blue (Native)- *Lupinus perennis*

Milkweed, Blunt-Leaved (Native)- *Asclepias amplexicaulis*
 Mouse-Ear Hawkweed- *Hieracium pilosella*
 Mullein, Common- *Verbascum thapsus*
 Mullein, Pink- *Lychnis coronaria*
 Multiflora Rose- *Rosa multiflora*
 Mugwort- *Artemisia vulgaris*
 Ox-Eye Daisy (Native)- *Leucanthemum vulgare*
 Periwinkle/Myrtle- *Vinca minor*
 Plantain, English- *Plantago lariceolata*
 Plantain-Leaved Pussetoes (Native)- *Antennaria plantaginifolia*
 Poison Ivy, Common- (Native)- *Toxicodendron radicans*
 Pokeweed (Native)- *Phytolacca americana*
 Primrose, Common Evening- *Oenothera biennis*
 Purple Dead-Nettle- *Lamium purpureum*
 Purslane, Common- *Portulaca oleracea*
 Queen Anne's lace- *Daucus carota*
 Rabbit-Foot Clover- *Trifolium arvense*
 Ragweed, Common- *Ambrosia artemisiifolia*
 Red Clover- *Trifolium pratense*
 Red Sorrell, *Rumex acetosella*
 Rock Cress, Lyre-leaved-*Arabis lyrata*
 Rocky Mountain Bee Flower- *Cleome serrulata* (once)
 Scotch broom- *Cytisus scoparius*
 Shepard's Purse- *Capsella bursa-pastoris*
 Smartweed, Long-Bristled- *Polygonum caepitosum*
 Spiderwort- *Tradescantia virginiana*
 Spotted knapweed- *Centaurea maculosa*
 Spotted Wintergreen (Native)- *Chimaphila maculata*
 Star-of-Bethlehem- *Ornithogalum umbellatum*
 St. John's Wort, Common- *Hypericum perforatum*
 Starflower (Native)- *Trientalis borealis*
 Toadflax (Butter-and-Eggs)- *Linaria vulgaris*
 Tulip- *Tulipa gesneriana*
 Virginia Dayflower- *Commelina virginica*
 Virginia Creeper (Woodbine)- *Parthenocissus quinquefolia*
 Virginia Spiderwort (Native)- *Tradescantia virginiana*
 Vetch, Cow- *Vicia cracca*
 Vetch, Purple- *Vicia americana*
 White Campion- *Silene latifolia*
 White Clover- *Trifolium repens*
 White Wood Aster (Native)- *Eurybia divaricata*
 Wood Anemone (Native)- *Anemone quinquefolia*
 Yarrow (Native)- *Achillea millefolium*
 Yellow Stargrass/Common Goldstar (Native)- *Hypoxis hirsuta*
 Yucca- *Yucca filamentosa*

Grasses & Ferns & Sedges:

Bristly Foxtail- *Setaria verticillata*
Brome (Native)- *Bromus ciliatus*
Broom Sedge (Native)- *Andropogon virginicus*
Canada Bluegrass- *Poa compressa*
Deer-Tongue (Native)- *Dichanthelium clandestinum*
Field Garlic-*Allium vineale*
Lady Fern- *Athyrium filix*
Little Barley- *Hordeum pusillum*
Little Bluestem- *Andropogon scoparius (aka/Schizachyrium scoparium)*
Meadow Fescue- *Festuca elatior*
Oats- *Avena sativa*
Old Witch Grass (Native)- *Panicum capillare*
Panic Grass (Native)- *Panicum lanuginosum*
Poverty Grass (Native)- *Aristida dichotoma*
Quack Grass (Native)- *Agropyron repens*
Redtop (Native)- *Agrostis alba*
Sedge (Native)- *Carex scoparia*
Sensitive Fern- *Onoclea sensibilis*
Sweet Fern- *Comptonia peregrina*
Sweet Vernal Grass- *Anthoxanthum odoratum*
Switch Grass- *Panicum virgatum*
Timothy- *Phleum pratense*
Wild Rye- *Elymus virginicus*
Yellow Nutsedge- *Cyperus esculentus*

Other:

Mosses, Various, including:

Club Moss- *Lycopodium obscurum*
Cushion Moss- *Selaginella kraussiana*

Mushrooms, Various, including:

Giant Puffball Mushroom- *Calvatia gigantea*
Little Toadstool Mushroom (several varieties)- *Amanita muscaria*
& Possibly:
Cinnamon Webcap Mushroom- *Cortinarius cinnamomeus*
False Parasol Mushroom- *Chlorophyllum molybdites*
Heath Waxcap Mushroom- *Hygrophorus laetus*
King Bolete- *Boletus edulis*
Parasol Mushroom-*Macrolepiota procera*
Sickener Mushroom- *Russula emetica*

Lichen, Various, including:

Lichen, Common Green Shield- *Flavoparmelia caperata*
Lichen, Dixie Reindeer Shield- *Cladina subtenuis*

Lichen, Old Man's Beard- *Usnea strigosa*
Lichen, Peppered Rock Shield- *Xanthoparmelia conspersa*
Lichen, Texas Shield- *Canoparmelia texana*

Trees & Shrubs:

American Holly- *Ilex opaca*
Atlantic White Cedar-*Chamaecyparis thyoides*
Arborvitae, Eastern White Cedar- *Thuja occidentalis*
Ash- *Fraxinus omus*
Autumn Olive- *Elaeagnus umbellata*
Black Cherry- *Prunus serotina*
Black Oak, Eastern- *Quercus velutina*
Blueberries, Highbush (wild & cultivated), *Vaccinium corymbosum*
Blueberries, Common Lowbush (Native)- *Vaccinium angustifolium*
Cherry, Pin- *Prunus pensylvanica*
Common Chokecherry- *Prunus virginiana*
Common Juniper- *Juniperus communis*
Elm, Slippery- *Ulmus rubra*
Elm, American- *Ulmus Americana*
Eastern hemlock- *Tsuga canadensis*
Eastern Red Cedar- *Juniperus virginiana*
Eastern White Pine- *Pinus strobus*
Forsythia- *Forsythia x intermedia*
Honeysuckle- *Lonicera japonica*
Lilac- *Syringa vulgaris*
Locust, Black- *Robinia pseudoacacia*
Locust, Honey- *Gleditsia triacanthos*
Maple, Norway- *Acer platanoides*
Oak, Northern Red- *Quercus rubra*
Oak, White- *Quercus alba*
Pine, Pitch- *Pinus rigada*
Pine, Red- *Pinus resinosa*
Sycamore, American- *Platanus occidentalis*
Sassafras- *Sassafras albidum*
Scotch Pine- *Pinus sylvestris*
Sugar Maple- *Acer saccharum*
Sumac, Staghorn- *Rhus typhina*
Sweet Pepper-Bush (Native)- *Clethra alnifolia*

Insects & Arthropods

Ants (various)- *Formicidae*
Aphids- *Aphidoidea*
Banded Woollybear Caterpillar Moth- *Pyrrharctia isabella*
Bee, American Bumble- *Bombus pennsylvanicus*

Bee, Common Eastern Bumble- *Bombus impatiens*
 Bee, Honey- *Apis mellifera*
 Butterfly, Cabbage White- *Pieris rapae*
 Butterfly, Baltimore checkerspot- *Euphydryas phaeton*
 Butterfly, Monarch Butterfly- *Danaus plexippus*
 Butterfly, Mourning cloak (Camberwell beauty/Brit.)- *Nymphalis antiopa*
 Butterfly, Spring azure- *Celastrina ladon*,
 Cicada, Dog Day- *Tibicen canicularis*
 Click Beetles- *Elateridae*
 Clover mites- *Bryobia praetiosa*
 Cricket, Field- *Gryllus pennsylvanicus*
 Cricket, House- *Acheta domestica*
 Cricket, Spotted Camel- *Ceuthophilus maculatus*
 Damselfly, Green darner- *Anax junius*
 Damselfly, Familiar bluet (Endangered)- *Enallagma civile*
 Dragonfly, Blue-eyed darner, *Aeshna multicolor*
 Dragonfly, Common Whitetail- *Plathemis (Libellula)*
 Earthworm- *Lumbricina*
 Earwig, Common- *Forficula auricularia*
 Firefly, Common Eastern- *Photinus pyralis*
 Flies- *Diptera*
 Fly, Scorpion- *Mecoptera*
 Fly, Spotted Wing Drosophila Fruit- *Drosophila suzukii*
 Grasshopper, Carolina locust- *Dissosteira carolina*
 Green Lacewings- *Chrysopa perta*
 Hornet, Bald-Faced- *Dolichovespula maculata*
 Hover (Flower) flies- *Syrphidae*
 Katydid- *Microcentrum rhombifolium*
 Leafhopper- *Cicadellidae*
 Meadow Spittlebug (Froghopper)- *Philaenus spumarius*
 Moth, Milkweed Tussock (Tiger)- *Euchaetes egle*
 Moth, Orange Sulphur- *Colias eurytheme*
 Moth, Winter- *Operophtera brumata*
 Moths, Tiger- *Arctiinae*
 Moth, Underwing- *Catocala*
 Japanese Beetle- *Popillia japonica*
 Ladybug, Asian- *Harmonia axyridis*
 Ladybug, Seven-spotted Lady Beetle- *Coccinellidae septempunctata*
 Ladybug, Two-spotted Lady Beetle- *Adalia bipunctata*
 Live-oak Root Borer- *Archodontes melanopus*
 Long Horn Beetle/Red Milkweed Borer- *Tetraopes tetraophanus*
 May Beetle (June Bug)- *Phyllophaga*
 Mosquitos- *Culicidae*
 Robber Fly- *Asilidae laphria*
 Sowbug- *Oniscidea*
 Spiders (various)- *Araneae*
 Springtails- *Collembola*
 Stink Bug, Brown Marmorated- *Halyomorpha halys*

Ticks-*Ixodidae*
Tiger Beetle, Six-Spotted- *Cicindela sexguttata*
Wasp, Paper- *Polistes exclamens*
Wasp, Yellow Jacket- *Vespula maculifrons*

Reptiles

American Toad- *Anaxyrus americanus*
Eastern Box Turtle (Endangered)- *Terrapene carolina carolina*
Salamander, Eastern Red-backed- *Plethodon cinereus*
Snake, Black Racer- *Coluber constrictor*
Snake, Eastern Garter- *Thamnophis sirtalis*
Snake, Eastern Milk- *Lampropeltis triangulum*

Birds

American Crow- *Corvus brachyrhynchos*
American Robin- *Turdus migratorius*
Baltimore Oriole- *Icterus galbula*
Bluebird, Eastern- *Sialia sialis*
Bluejay- *Cyanocitta cristata*
Broad-winged Hawk- *Buteo platypterus*
Brown-headed Cowbird- *Molothrus ater*
Canada Goose- *Branta canadensis*
Cardinal- *Cardinalidae*
Catbird, Gray- *Dumetella carolinensis*
Chickadee, Black-capped- *Poecile atricapillus*
Cooper's Hawk- *Accipiter cooperii*
Finch, House- *Haemorhous mexicanus*
Finch, Purple- *Haemorhous purpureus*
Goldfinch, American- *Spinus tristis*
Grackle, Common- *Quiscalus quiscula*
Great Blue Heron- *Ardea herodias*
Gull, Herring, (daily flyover)- *Larus smithsonianus*
Northern Harrier (Marsh Hawk)- *Circus cyaneus*
Nuthatch, Red-breasted- *Sitta canadensis*
Mockingbird, Northern- *Mimus polyglottos*
Mourning Dove- *Zenaidura macroura*
Osprey (daily summer flyover)- *Pandion haliaetus*
Owl, Great Horned- *Bubo virginianus*
Owl, Eastern Screech- *Megascops asio*
Red-tailed Hawk- *Buteo jamaicensis*
Red-winged Blackbird- *Agelaius phoeniceus*
Ruby-throated Hummingbird- *Archilochus colubris*
Screech Owl, Eastern- *Megascops asio*
Sparrow, American Tree- *Spizella arborea*

Sparrow, Chipping- *Spizella passerina*
Sparrow, House- *Passer domesticus*
Sparrow, Song- *Melospiza melodia*
Starling, Common- *Sturnus vulgaris*
Swallow, Barn- *Hirundo rustica*
Tern, Common (daily summer flyover)-*Sterna hirundo*
Tufted Titmouse- *Baeolophus bicolor*
Turkey Vulture (flyovers)- *Cathartes aura*
Warbler, Common yellowthroat- *Geothlypis trichas*
Turkey- *Meleagris gallopavo*
Woodpecker, Downey- *Picoides pubescens*
Woodpecker, Northern Flicker- *Colaptes auratus*
Wren, Carolina-*Thryothorus ludovicianus*
Wren, House- *Troglodytes aedon*

Fauna

American Black Bear (possible)- *Ursus americanus*
Bat, Little Brown, *Myotis lucifugus*
Cat- *Felis catus*
Chipmunk- *Tamias minimus*
Coyote/ Coywolf- *Canis latrans x Canis lupus*
Deer, White-tail *Odocoileus virginianus*
Dog- *Canis familiaris*
Fox, Red- *Vulpes vulpes*
Groundhog- *Marmota monax*
Human- *Homo sapien*
Mole, Eastern- *Scalopus aquaticus*
Mouse, House- *Mus musculus*
Opossum- *Didelphimorphia*
Rabbit, Cottontail - *Sylvilagus*
Raccoon- *Procyon lotor*
Skunk- *Mephitidae*
Squirrel, Eastern Grey- *Sciurus carolinensis*
Vole, Meadow- *Microtus pennsylvanicus*