

VASCULAR PLANTS INVENTORY OF THE OBED RIVER WATERSHED

No. 27

Obed Watershed Community Association

May 2008

In the years 2000 - 2001, a number of Cumberland County volunteers worked with Dr. Felix Coe of TN Technological University to conduct a floristic inventory of vascular plants in the Obed River Watershed. The TTU Department of Biology professor and his graduate students catalogued the wildflowers and other vascular plants collected by the volunteers Dr. Coe trained. The trained volunteers were assigned to collect and curate specimens in designated study areas. These collections were sent to TTU for identification and cataloging into the TTU herbarium. The following vascular inventory provided by Dr. Coe includes the results of this inventory. This inventory is by no means inclusive. Unfortunately, TTU lost Dr. Coe to another university in 2003 and has not found another taxonomist to maintain and expand TTU's herbarium.

PTERIDOPHYTES

ASPLENIACEAE

- o *Asplenium rhizophyllum* (Walking Fern)

EQUISETACEAE

- o *Equisetum arvense* (Field Horsetail)

- o *E. hyemale* (Scouring Rush)

LYCOPODIACEAE

- o *Lycopodium complanatum* (Running Pine)

- o *L. obscurum* (Tree Clubmoss)

OSMUNDACEAE

- o *Osmunda claytoniana* (Interrupted Fern)

POLYPODIACEAE

- o *Athyrium Filix-femina* (Lady Fern)

- o *Cystopteris protrusa* (Spreading Bladder Fern)

- o *Polystichum acrostichoides* (Christmas Fern)

PTERIDACEAE

- o *Dennstaedtia punctilobula* (Hay-Scented Fern)

- o *Pteridium aquilinum* (Bracken Fern)

GYMNOSPERMS

CUPRESSACEAE

- o *Juniperus virginiana* (Red Cedar)

PINACEAE

- o *Tsuga canadensis* (Eastern Hemlock)

DICOTYLEDONS

ACERACEAE

- o *Acer negundo* (Box elder)

- o *A. rubrum* (Red Maple)

- o *A. saccharinum* (Silver Maple)

- o *A. saccharum* (Sugar Maple)

- o *A. nigrum* (Black Maple)

ANACARDIACEAE

- o *Rhus glabra* (Smooth or Common Sumac)

- o *R. radicans* (Poison Ivy)

ANNONACEAE

- o *Asimina triloba* (Pawpaw)

APIACEAE

- o *Chaerophyllum tainturieri* (Wild Chervil)

- o *Daucus carota* (Wild Carrot, Queen Anne's Lace)

- o *Thaspium barbinode* (Meadow Parsnip)

ARISTOLOCHIACEAE

- o *Asarum canadense* (Wild Ginger-deciduous, pubescent leaves)

- o *Hexastylis arifolia* (Wild Ginger-evergreen, glabrous leaves)

ASTERACEAE

- o *Achillea millefolium* (Yarrow)

- o *Ambrosia artemisiifolia* (Ragweed)

- o *A. trifida* (Giant Ragweed)

- o *Antennaria plantaginifolia* (Pussy-toes)

- o *A. solitaria* (Pussy-toes)

- o *Arctium* sp. (Burdock)

- o *Aster laevis*

- o *A. divaricatus* (Heart-Leaved Aster)

- o *Bidens cristata* (Beggar Ticks)

- o *Cardus spinosissimus* (Thistle)

- o *Chrysanthemum leucanthemum*

- o *Coreopsis* sp.

- o *Elephantopus tomentosus* (Elephant's-Foot)
- o *E. carolinianus*
- o *Eupatorium album* (White Eupatorium)
- o *E. coelestinum* (Foam Flower)
- o *E. fistulosum* (Joe-Pye-Weed)
- o *E. hyssopifolium* (Eupatorium)
- o *E. maculatum* (Eupatorium)
- o *E. purpureum* (Joe-Pye-Weed)
- o *Krigia biflora* (Dwarf Dandelion)
- o *Lactuca canadensis* (Wild Lettuce)
- o *L. floridana* (Wild Lettuce)
- o *Polymnia canadensis* (Leaf-cup)
- o *Prenanthes alba* (White Lettuce, Rattlesnake-Root)
- o *Rudbeckia triloba* (Rudbeckia)
- o *R. hirta* (Black-Eyed-Susan)
- o *Senecio aureus* (Senecio)
- o *S. glabellus* (Butterweed)
- o *S. obovatus* (Butterweed)
- o *Solidago sp.* (Goldenrod)
- o *S. caesia* (Goldenrod)
- o *S. smallii* (Goldenrod)
- o *Taraxacum officinale* (Common Dandelion)

- o *Verbesina alterniflora* (Wingstem)
- o *V. occidentalis* (Wingstem)
- o *V. virginica* (Frostweed)
- o *Vernonia noveboracensis* (Vernonia)

BALSAMINACEAE

- o *Impatiens capensis* (Spotted Touch-Me-Not, Jewel-weed)
- o *I. pallida* (Touch-Me-Not, Jewel-weed)

BERBERIDACEAE

- o *Jeffersonia diphylla* (Twin Leaf)
- o *Podophyllum peltatum* (May Apple)

BETULACEAE

- o *Betula lenta* (Cherry Birch, Sweet Birch)
- o *Carpinus caroliniana* (Ironwood)
- o *Ostrya virginiana* (Hop Hornbeam)

BIGNONIACEAE

- o *Anisostichus capreolata* (Cross Vine)
- o *Campsis radicans* (Trumpet Vine, Cow-Itch Vine)
- o *Catalpa speciosa* (Catawba Tree)

BORAGINACEAE

- o *Cynoglossum virginianum* (Wild Comfrey)
- o *Lithospermum arvensis* (Corn Gromwell)
- o *L. latifolium* (Puccoon, Stoneseed)
- o *L. tuberosum* (Puccoon, Stoneseed)
- o *Mertensia virginica* (Virginia Bluebells)

- o *Myosotis laxa* (Forget-Me-Not)
- o *M. macrosperma* (Forget-Me-Not)
- o *M. scorpioides* (True Forget-Me-Not)
- o *M. verna* (Forget-Me-Not)

BRASSICACEAE

- o *Arabis laevigata* (Rock Cress)
- o *A. patens* (Rock Cress)
- o *Barbarea verna* (Winter Cress)
- o *Daucus carota* (Queen Ann's Lace)
- o *Cardamine dissecta* (Cut-leaved Toothwort)
- o *C. concatenata* (Cut-leaved Toothwort)
- o *C. diphylla* (Two-leaved Toothwort)
- o *C. douglassii* (Purple Spring Cress, Bitter Cress)
- o *C. hirsuta* (Bitter Cress)
- o *Draba verna* (Whitlow-Grass)
- o *Lepidium campestre* (Cow Cress)
- o *Rorippa islandica* (Yellow Cress)

BUXACEAE

- o *Pachysandra procumbens* (Alleghany Spurge)

CACTACEAE

- o *Opuntia compressa* (Prickly Pear)

CAMPANULACEAE

- o *Lobelia siphilitica* (Giant lobelia)

CAPRIFOLIACEAE

- o *Lonicera japonica* (Japanese Honeysuckle)

o *Sambucus canadensis* (Elderberry)

o *Viburnum acerifolium* (Maple-leaf Viburnum)

o *V. rufidulum* (Blue Haw)

CARYOPHYLLACEAE

o *Silene virginica* (Fire Pink)

o *Stellaria aquatica* (Chickweed)

o *S. media* (Chickweed)

o *S. pubera* (Giant Chickweed)

CELASTRACEAE

o *Euonymus americanus* (Strawberry Bush)

CONVOLVULACEAE

o *Ipomoea pandurata*. (Man-Root)

CORNACEAE

o *Cornus alterniflora* (Alternate-leaved Dogwood)

o *C. amomum* (Dogwood)

o *C. drummondii* (Rough-leaved Dogwood)

o *C. florida* (Flowering Dogwood)

CRASSULACEAE

o *Sedum pulchellum* (Rockmoss, Rosy Stonecrop)

o *S. ternatum* (Stonecrop)

ERICACEAE

o *Chimaphila maculata* (Spotted Wintergreen)

o *Kalmia latifolia* (Mountain Laurel)

o *Oxydendrum arboreum* (Sourwood)

o *Vaccinium stamineum* (Deerberry)

EUPHORBIACEAE

o *Euphorbia commutatus* (Wood Spurge)

o *E. corollata* (Flowering Spurge)

o *E. curtisii* (Euphorbia)

o *E. mercurialina* (Caper Spurge, Mole Plant)

FABACEAE

o *Cercis canadensis* (Redbud, Judas Tree)

o *Cassia fasciculata* (Partridge Pea)

o *Centrosema virginianum* (Butterfly Pea)

o *Desmodium laevigatum* (Beggar Lice)

o *Gleditsia triacanthos* (Honey Locust)

o *Lespedeza sp.* (Lespedeza)

o *Trifolium dubium* (Low Hop)

o *T. repens* (White Clover)

o *Vicia angustifolia* (Vetch)

o *V. cracca* (Vetch)

FAGACEAE

o *Fagus grandifolia* (American Beech)

o *Quercus alba* (White Oak)

o *Q. muehlenbergii* (Chinkapin Oak)

o *Q. rubra* (Red Oak)

FUMARIACEAE

o *Corydalis flavula* (Yellow Star)

o *Dicentra cucullaria* (DutchmanÆs

Breeches)

GENTIANACEAE

o *Obolaria virginica* (Pennywort)

o *Swertia caroliniensis* (Columbo)

GERANIACEAE

o *Geranium carolinianum* (Cranesbill)

o *G. maculatum* (Wild Geranium)

HAMAMELIDACEAE

o *Hamamelis virginiana* (Witch-hazel)

o *Liquidambar styraciflua* (Sweetgum)

HIPPOCASTANACEAE

o *Aesculus octandra* (Yellow Buckeye)

o *A. glabra* (Ohio Buckeye)

HYDROPHYLLACEAE

o *Hydrophyllum canadense* (Waterleaf)

o *H. macrophyllum* (Waterleaf)

o *H. virginianum* (Waterleaf)

o *Phacelia bipinnatifida* (Phacelia)

o *P. purshii* (Phacelia)

JUGLANDACEAE

o *Carya cordiformis* (Bitternut Hickory)

o *C. ovata* (Shagbark Hickory)

o *Juglans cinerea* (Butternut, White Walnut)

o *J. nigra* (Black Walnut)

LAMIACEAE

o *Blephilia ciliata* (Down Wood Mint)

o *Lamium amplexicaule* (Henbit)

o *L. purpureum* (Henbit)

o *Lycopus virginicus* (Lycopus)

o *Monarda sororia* (White Beebalm)

o *Prunella vulgaris* (Heal-all)

o *Perilla frutescens* (Perilla)

o *Salvia lyrata* (Lyre-leaved Sage)

o *Scutellaria lateriflora* (Skullcap)

o *Synandra hispidula* ()

LAURACEAE

o *Lindera benzoin* (Spicebush)

o *Sassafras albidum* (Sassafras)

LOGANIACEAE

o *Spigelia marilandica* (Indian Pink)

MAGNOLIACEAE

o *Liriodendron tulipifera* (Tulip Tree)

o *Magnolia acuminata* (Cucumber Tree)

o *M. tripetala* (Umbrella Magnolia)

MONOTROPACEAE

o *Monotropa uniflora* (Indian Pipe)

OROBANCHACEAE

o *Epifagus virginiana* (Beech-drops)

o *Conopholis americana* (Squaw root,
Cancer-root)

OXALIDACEAE

o *Oxalis rubra* (Wood Sorrel)

o *O. stricta* (Wood Sorrel)

o *O. violacea* (Violet Wood Sorrel)

PAPAVERACEAE

o *Stylophorum diphillum* (Celandine Poppy)

o *Sanguinaria canadensis* (Bloodroot)

PASSIFLORACEAE

o *Passiflora incarnata* (May Pops)

o *P. lutea* (Passion Flower)

PHYTOLACCACEAE

o *Phytolacca americana* (Pokeweed)

PLANTAGINACEAE

o *Plantago aristata* (Plantain)

o *P. cordata* (Plantain)

o *P. lanceolata* (Plantain)

o *P. major* (Plantain)

o *P. rugelii* (Plantain)

o *P. virginica* (Plantain)

POLEMONIACEAE

o *Phlox divaricata* (Wild Blue Phlox)

o *P. paniculata* (Fall Phlox)

o *Polemonium reptans* (JacobÆs Ladder)

POLYGALACEAE

o *Polygala sp.* (Polygala)

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o *Polygonum aviculare* (Knotweed)

o *P. cespitosum* (Knotweed)

o *P. hydropiper* (Knotweed)

o *P. pensylvanicum* (Pink Smartweed)

o *P. persicaria* (LadyÆs Thumb)

o *P. punctatum* (Knotweed)

o *Rumex acetosella* (Sheep-sorrel)

o *R. crispus* (Curly Dock)

o *Tovara virginiana* (Jumpseed)

PORTULACACEAE

o *Claytonia caroliniana* (Spring-Beauty)

o *C. virginica* (Spring-Beauty)

PRIMULACEAE

o *Dodecatheon meadia* (Shooting-Star)

o *Lysimachia ciliata* (Fringed Loosestrife)

RANUNCULACEAE

o *Actaea pachypoda* (Baneberry)

o *Anemone quinquefolia* (Windflower)

o *A. virginiana* (Thimbleweed)

o *Aquilegia canadensis* (Columbine)

o *Clematis crispa* (Leather-Flower)

o *C. virginiana* (VirginÆs Bower)

o *Delphinium tricorne* (Larkspur)

o *Hepatica acutiloba* (Liverleaf)

o *H. americana* (Liverleaf)

o *Hydrastis canadensis* (Golden Seal)

o *Isopyrum biternatum* (Isopyrum)

o *Ranunculus abortivus* (Buttercup)

o *R. bulbosus* (Buttercup)

o *R. micranthus* (Buttercup)

o *R. recurvatus* (Buttercup)

o *R. septentrionalis* (Swamp Buttercup)

o *Thalictrum thalictroides* (Rue Anemone)

o *Xanthorhiza simplicissima* (Yellow-Root)

ROSACEAE

o *Agrimonia parviflora* (Agrimony, Cocklebur, Harvest-Lice)

o *Amelanchier arborea* (Shadbush)

o *Duchesnea indica* (Indian Strawberry)

o *Geum canadense* (Avens)

o *Gillenia stipulata* (Indian-Physic)

o *Potentilla recta* (Potentilla)

o *P. simplex* (Five Fingers Potentilla)

o *Prunus serotina* (Black Cherry)

o *Rosa carolina* (Wild Rose)

o *R. multiflora* (Multiflower Rose)

o *R. palustris* (Swamp Rose)

o **Rubus sp.** (Raspberry)

RUBIACEAE

o *Galium aparine*. (Bedstraw)

o *G. triflorum* (Bedstraw)

o *Houstonia caerulea* (Bluets)

o *H. purpurea* (Bluets)

o *Mitchella repens* (Partridgeberry)

SAXIFRAGACEAE

o *Hydrangea arborescens* (Hydrangea)

o *H. villosa* (Alumroot)

o *Saxifraga virginensis* (Saxifrage)

o *Tiarella cordifolia* (Foamflower)

SCROPHULARIACEAE

o *Agalanis tenuifolia* (Gerardia)

o *Aureolaria flava* (Aureolaria)

o *Aureolaria virginica* (Aureolaria)

o *Mimulus alatus* (Winged Mimulus)

o *Mimulus ringens* (Monkey Flower)

o *Verbascum thapsus* (Woolly Mullein)

o *Veronica arvensis* (Speedwell)

o *V. hederifolia* (Speedwell)

SOLANACEAE

o *Solanum carolinense* (Nightshade)

STAPHYLEACEAE

o *Staphylea triflora* (Bladderhut)

THYMELAEACEAE

o *Dirca palustris* (Leatherwood)

ULMACEAE

o *Ulmus alata* (Winged Elm)

o *U. americana* (American Elm)

o *U. rubra* (Slippery Elm)

URTICACEAE

o *Boehmeria cylindrica* (False Nettle)

o *B. nivea* (Ramie)

o *Pilea pumila* (Clearweed)

o *Urtica chamaedryoides* (Wild Nettle)

VALERIANACEAE

o *Valerianella radiata* (Corn Salad)

o *V. paucifolia* (Wild Valerian)

VERBENACEAE

o *Verbena canadensis* (Wild Verbena)

VITACEAE

o *Ampelopsis cordata* (Ampelopsis)

o *Parthenocissus quinquefolia* (Virginia Creeper)

VIOLACEAE

o *Viola blanda* (Violet)

o *V. canadensis*. (Canada Violet)

o *V. eriocarpa* (Violet)

o *V. hirsutula* (Violet)

o *V. papilionacea* (Violet)

o *V. pedata* (Bird-Foot Violet)

o *V. rafinesquii* (Violet)

o *V. striata* (Cream Violet)

VITACEAE

o *Vitis spp.* (Grape)

MONOCOTYLEDONS

AMARYLLIDACEAE

o *Hypoxis hirsuta* (Yellow Star Grass)

ARACEAE

o *Arisaema triphyllum* (Jack-in-the-Pulpit)

CYPERACEAE

o *Carex careyana* (Sedge)

o *C. crinita* (Sedge)

o *C. pennsylvanica* (Sedge)

o *C. plataginea* (Plantain leaf Sedge)

o *Cyperus strigosus* (Cyperus)

JUNCACEAE

o *Luzula echinata* (Woodrush)

LILIACEAE

o *Allium bivalve* (False Garlic)

o *A. tricocum* (Wild Leek)

o *Disporum. lanuginosum* (Yellow Mandarin)

o *Erythronium americanum* (Trout Lily)

o *Medeola virginiana* (Indian Cucumber-root)

o *Polygonatum biflorum* (Solomons Seal)

o *Smilacina racemosa* (False Solomon Seal)

o *Trillium cuneatum* (Little Sweet Betsy)

o *T. erectum* (Wake-robin)

o *T. recurvatum* (Trillium)

o *Uvularia grandiflora* (Bellwort)

o *U. perfoliata* (Bellwort)

o *U. sessilifolia* (Bellwort)

ORCHIDACEAE

o *Goodyera pubescens* (Downy Rattlesnake Plantain)

o *Platanthera orbiculata* (Round-Leaf Orchid)

POACEAE

o *Agrostis stolonifera* (Redtop)

o *Arundinaria gigantea* (Cane)

o *Panicum capillare* (Panicum)

o *P. dichotomiflorum* (Panicum)

o *Uniola latifolia* (Uniola)

SMILACACEAE

o *Smilax bona-nox* (Catbrier)

o *S. echinata* (Dwarf Carrion Flower)

o *S. glauca* (Carrion Flower)

o *S. herbacea* (Carrion-Flower)

o *S. hispida* (Catbrier)

o *S. rotundifolia* (Catbrier)

TYPHACEAE

o *Typha latifolia* (Common Cat-Tail)

The Obed Community Association has as its purpose community appreciation and volunteer involvement in ongoing appreciation for our natural and cultural heritage of the Obed River watershed within Cumberland County. Louise Gorenflo, OWCA community educator, produced this fact sheet. Those wanting to join this membership organization or more information may contact OWCA at 484-9033 or at 185 Hood Drive, Crossville, TN 38555.