

Systems/Communities Conservation Elements

ARKANSAS VALLEY PRAIRIE AND WOODLAND SYSTEM

Communities (Associations):

- *Acer saccharinum* - *Acer negundo* forest association (G?, Silver maple - box-elder maple forest association, IB2ND00001)
- *Acer saccharum* - *Quercus rubra* - *Carya cordiformis*/*Asimina triloba* Forest (G3, Sugar maple - Northern red oak - bitternut hickory/common pawpaw forest, C EGL002060)
- *Andropogon gerardii* - *Panicum virgatum* - *Helianthus grosseserratus* Herbaceous Vegetation (G2G3, Big bluestem - switchgrass - sawtooth sunflower herbaceous vegetation, C EGL002024)
- *Andropogon gerardii* - *Sorghastrum nutans* Unglaciaded Herbaceous Vegetation (G3, Big bluestem - yellow Indiangrass unglaciaded herbaceous vegetation, C EGL002204)
- *Pinus echinata* - *Quercus stellata* - *Quercus marilandica*/*Schizachyrium scoparium* woodland (G3, Xeric shortleaf pine - post oak - blackjack oak woodland, IIA2A00008)
- *Quercus rubra* - *Quercus shumardii* forest (G?, Northern red oak - Shumard oak forest, C EGL004796)
- *Salix caroliniana* Temporarily Flooded Forest (G?, Carolina willow temporarily flooded forest, C EGL007373)
- *Schizachyrium scoparium* - *Bothriochloa laguroides* ssp. *torreyana* - *Croton willdenowii* Herbaceous Vegetation (G1?, Little bluestem - silver beardgrass - broadleaf rushfoil herbaceous vegetation, C EGL008564)
- *Schizachyrium scoparium* - *Dichanthelium* spp. - *Buchnera americana* - *Echinacea pallida* Herbaceous Vegetation (G2G3, Little bluestem - witchgrass species - bluehearts - pale purple coneflower herbaceous vegetation, C EGL007827)

WEST GULF COASTAL PLAIN HERBACEOUS SEEPAGE BOG SYSTEM

Communities (Associations):

- *Carex lurida* - *Andropogon glomeratus* - *Sarracenia alata* - *Symphyotrichum puniceum* var. *scabricaule* - *Doellingeria sericocarpoides* Herbaceous Vegetation (G1, Sallow sedge - bushy broomsedge - trumpet pitcherplant - purple-stem aster - southern whitetop herbaceous vegetation, C EGL008417)
- *Dichanthelium scoparium* - *Boehmeria cylindrica*/*Sphagnum* spp. - *Polytrichum commune* Herbaceous Vegetation (G2Q, Broom witchgrass - false nettle/peatmoss species - haircap moss herbaceous vegetation, C EGL004916)
- *Osmunda regalis* - *Osmunda cinnamomea* - *Eupatorium perfoliatum* - *Utricularia* spp. Herbaceous Vegetation (G3?, Royal fern - cinnamon fern - common boneset - bladderwort spp. herbaceous vegetation, C EGL007974)
- *Sarracenia alata* - *Rhynchospora gracilentia* - *Rudbeckia scabrifolia* - *Schoenolirion croceum* Herbaceous Vegetation (G2G3, Trumpet pitcherplant - slender beaksedge - bog coneflower - yellow sunnybell herbaceous vegetation, C EGL004175)

CROSTIMBERS OAK FOREST AND WOODLAND SYSTEM

Communities (Associations):

- *Acer saccharum* - *Quercus muehlenbergii*/*Cotinus obovatus* Forest (G2G3Q, Sugar maple - Chinquapin oak/American smoketree forest, C EGL004795)

Communities (Associations) cont'd:

- *Acer saccharum* - *Ulmus rubra* - *Juglans nigra* Forest (G2Q, Sugar maple - slippery elm - black walnut forest, CEGL004794)
- *Muhlenbergia reverchonii* - *Croton monathogynus* Herbaceous Vegetation (G2G3, Seep muhly-prairie-tea herbaceous vegetation, CEGL004785)
- *Quercus buckleyi* - *Fraxinus texensis* - *Quercus muehlenbergii* Forest (G2G3, Buckley oak - Texas ash - chinquapin oak forest, CEGL004912)
- *Quercus buckleyi* - *Juniperus ashei* - *Fraxinus texensis* Forest (G3, Buckley oak - Ashe juniper - Texas ash forest, CEGL002135)
- *Quercus falcata* - *Quercus stellata* - (*Pinus taeda*) West Gulf Coastal Plain Forest (G?, Southern red oak - post oak - (loblolly pine) West Gulf Coastal Plain forest, CEGL008415)
- *Quercus fusiformis*/*Schizachyrium scoparium* Woodland (G?, Plateau live oak/little bluestem woodland, CEGL002115)
- *Quercus marilandica*/*Schizachyrium scoparium* Woodland (G3G4Q, Oklahoma blackjack oak / little bluestem woodland, CEGL004938)
- *Quercus muehlenbergii* - *Acer saccharum* Forest (G2G4, Chinquapin oak - sugar maple forest, CEGL004662)
- *Quercus muehlenbergii* - *Quercus shumardii* Forest (G2G4, Chinquapin oak - Shumard oak forest, CEGL004602)
- *Quercus sinuata* var. *breviloba* Shrubland (G3, White shin oak shrubland, CEGL004453)
- *Quercus stellata* (*marilandica*) - *Prosopis glandulosa* - *Rhus tilobata* Forest (G?, Post oak (blackjack oak) - honey mesquite - squaw-bush sumac forest, proposed addition)
- *Quercus stellata* - *Quercus marilandica* - *Carya* (*glabra*, *texana*)/*Vaccinium arboreum* forest association (G?, Post oak - blackjack oak - pignut hickory - black hickory/farkleberry forest association, IB2NA00011)
- *Quercus stellata* - *Quercus marilandica* - *Carya texana* - (*Quercus shumardii*, *Quercus velutina*) Forest (G3G5, Post oak - blackjack oak - black hickory - (Shumard oak, black oak) forest, CEGL002324)
- *Quercus stellata* - *Quercus marilandica*/*Schizachyrium scoparium* Woodland (G4, Post oak - blackjack oak/little bluestem cross timbers woodland, CEGL002147)
- *Quercus stellata* - *Ulmus alata* Forest (G?, Oklahoma post oak - winged elm forest, CEGL004546)
- *Quercus virginiana* - *Quercus stellata*/*Schizachyrium scoparium* - *Paspalum plicatulum* Woodland (G3, Live oak-post oak/little bluestem-brownseed crowngrass woodland, CEGL002155)
- *Schizachyrium scoparium* - *Lechea tenuifolia* - *Acalypha radians* Herbaceous Vegetation (G2G3, Little bluestem - narrowleaf pinweed - round copperleaf herbaceous vegetation, CEGL004913)
- *Sedum nuttallianum* - *Selaginella peruviana* Granitic Outcrop Sparse Vegetation (G2, Nuttall's stonecrop-Peruvian spikemoss granitic outcrop sparse vegetation, CEGL004396)

CROSTIMBERS SOUTHERN PINE FOREST AND WOODLAND SYSTEM**Communities (Associations):**

- *Pinus taeda* - *Quercus stellata* Lost Pines Forest/Woodland (G?, Loblolly pine - post oak lost pines forest/woodland, proposed addition)
- *Quercus incana* - *Quercus margaretta* Lost Pines Vegetation (G?, Blue jack oak - sand post oak lost pines vegetation, proposed addition)

CROSTIMBERS SOUTHERN XERIC SANDHILL SYSTEM**Communities (Associations):**

- *Quercus incana* - *Quercus margaretta* Lost Pines Vegetation (G?, Blue jack oak - sand post oak lost pines, proposed addition)
- *Schizachyrium scoparium* - *Lechea tenuifolia* - *Acalypha radians* Herbaceous Vegetation (G2G3, Little bluestem - narrowleaf pinweed - round copperleaf herbaceous vegetation, CEGL004913)

SOUTHEASTERN GREAT PLAINS TALLGRASS PRAIRIE SYSTEM

Communities (Associations):

- *Andropogon gerardii* - *Schizachyrium scoparium* Northern Plains Herbaceous Vegetation (G3G5, Big bluestem - little bluestem northern plains herbaceous vegetation, CEG002205)
- *Andropogon gerardii* - *Schizachyrium scoparium* - *Sorghastrum nutans* herbaceous association (G?, Big bluestem - little bluestem - yellow Indian-grass herbaceous association, VA5NA00002)
- *Andropogon gerardii* - *Sorghastrum nutans* - *Schizachyrium scoparium* Flint Hills Herbaceous Vegetation (G4?, Big bluestem - yellow Indian-grass - little bluestem Flint Hills herbaceous vegetation, CEG002201)
- *Andropogon gerardii* - *Sorghastrum nutans* Unglaciaded Herbaceous Vegetation (G3, Big bluestem - yellow Indian-grass unglaciaded herbaceous vegetation, CEG002204)
- *Bouteloua curtipendula* - *Bouteloua hirsuta* Herbaceous Vegetation (G4, Sideoats grama - hairy grama herbaceous vegetation, CEG002250)
- *Juniperus ashei*/*Bouteloua (curtipendula, hirsuta)* Woodland (G2G3, Ashe's juniper/sideoats grama, hairy grama woodland, CEG002125)
- *Muhlenbergia reverchonii* - *Croton monanthogynus* Herbaceous Vegetation (G2G3, Seep muhly - prairie-tea herbaceous vegetation, CEG004785)
- *Schizachyrium scoparium* - *Andropogon gerardii* - *Sorghastrum nutans* - *Bifora americana* Mollisol Herbaceous Vegetation (G1G2, Little bluestem - big bluestem - yellow Indian-grass - prairie Bishop mollisol herbaceous vegetation, CEG004025)
- *Schizachyrium scoparium* - *Aristida dichotoma* - *Croton willdenowii*/Lichens Wooded Herbaceous Vegetation (G3, Little bluestem - forktip three-awn - broadleaf rushfoil/lichens wooded herbaceous vegetation, CEG002242)
- *Schizachyrium scoparium* - *Bouteloua curtipendula* - *Rudbeckia missouriensis* - *Mentzelia oligosperma* Wooded Herbaceous Vegetation (G2, Little bluestem - side-oats grama - Missouri coneflower - few-flower stick-leaf wooded herbaceous vegetation, CEG002251)
- *Schizachyrium scoparium* - *Sorghastrum nutans* - *Andropogon ternarius* - *Coreopsis grandiflora* Sandstone - Shale Herbaceous Vegetation (G3, Little bluestem - yellow Indian-grass - silver bluestem - large-flowered tickseed herbaceous vegetation, CEG002212)
- *Schizachyrium scoparium* - *Sorghastrum nutans* - *Tradescantia bracteata* Alkaline Bedrock Herbaceous Vegetation (G1G2, Little bluestem - yellow Indian-grass - long-bract spiderwort alkaline bedrock herbaceous vegetation, CEG005280)

SOUTHERN BLACKLAND TALLGRASS PRAIRIE SYSTEM

Communities (Associations):

- *Muhlenbergia capillaris* Herbaceous Vegetation (G1G2, Hair-awn muhly herbaceous vegetation, CEG004607)
- *Muhlenbergia reverchonii* - *Croton monanthogynus* Herbaceous Vegetation (G2G3, Seep muhly- prairie-tea herbaceous vegetation, CEG004785)
- *Schizachyrium scoparium* - *Andropogon gerardii* - *Sorghastrum nutans* - *Bifora americana* Mollisol Herbaceous Vegetation (G1G2, Little bluestem - big bluestem - yellow Indian-grass - prairie Bishop mollisol herbaceous vegetation, CEG004025)
- *Schizachyrium scoparium* - *Paspalum plicatulum* - *Sorghastrum nutans* - *Dicanthelium oligosanthos* - *Paspalum setaceum* - *Aster sericeus* var. *microphyllus* Alfisol Herbaceous Vegetation (G1, Little bluestem - brownseed crowngrass - yellow Indian-grass - few-flower witchgrass - slender crowngrass - western silvery aster alfisol herbaceous vegetation, CEG002208)

Communities (Associations) cont'd:

- *Schizachyrium scoparium - Sorghastrum nutans - Andropogon gerardii - Bifora americana Vertisol Herbaceous Vegetation* (G1G2, Little bluestem - Big bluestem - yellow Indian-grass - prairie Bishop vertisol herbaceous vegetation, CEGL004027)
- *Schizachyrium scoparium - Sorghastrum nutans - Bifora americana Alfisol Herbaceous Vegetation* (G1G2, Little bluestem - yellow Indian-grass - prairie Bishop alfisol blackland prairie, CEGL004026)
- *Sporobolus silveanus - Carex meadii Herbaceous Vegetation* (G1, Silveanus dropseed - Mead's sedge herbaceous vegetation, CEGL004521)
- *Sporobolus silveanus - Tridens strictus Herbaceous Vegetation* (G2, Silveanus Dropseed - longspike tridens herbaceous vegetation, CEGL002216)
- *Tripsacum dactyloides - Panicum virgatum - Sorghastrum nutans - Helianthus maximiliani Herbaceous Vegetation* (G1, Eastern gammagrass - switchgrass - yellow Indian-grass - Michaelmas-daisy herbaceous vegetation, CEGL002217)
- *Tripsacum dactyloides - Sporobolus compositus var. compositus Herbaceous Vegetation* (G1, Eastern gammagrass - tall dropseed herbaceous vegetation, CEGL004036)

CENTRAL MIXEDGRASS PRAIRIE SYSTEM**Communities (Associations):**

- *Blacktailed Prairie Dog Town Grassland Complex* (G4, Blacktailed prairie dog town grassland complex, CECX005703)
- *Juniperus ashei/Bouteloua (curtipendula, hirsuta) Woodland* (G2G3, Ashe juniper/side-oats grama, hairy grama woodland)
- *Muhlenbergia reverchonii - Croton monathogynus Herbaceous Vegetation* (G2G3, Seep muhly-prairie-tea herbaceous vegetation, CEGL004785)
- *Schizachyrium scoparium - Bouteloua curtipendula - Bouteloua gracilis Central Plains Herbaceous Vegetation* (G2G4, Little bluestem - side-oats grama - blue grama Central Plains herbaceous vegetation, CEGL002246)
- *Schizachyrium scoparium - Bouteloua curtipendula - Nassella leucotricha Herbaceous Vegetation* (G?, Little bluestem - side-oats grama - Texas needlegrass herbaceous vegetation, CEGL004070)
- *Schizachyrium scoparium - Bouteloua curtipendula Red Hills Herbaceous Vegetation* (G2Q, Little bluestem - side-oats grama Red Hills herbaceous vegetation, CEGL002248)

WESTERN GREAT PLAINS FLOODPLAIN SYSTEM**Communities (Associations):**

- *Acer saccharinum - Celtis laevigata - Carya illinoensis Forest* (G3G4, Silver maple - sugarberry - pecan floodplain forest, CEGL002431)
- *Arundinaria gigantea ssp. gigantea Shrubland* (G2?, Giant cane shrubland, CEGL003836)
- *Forestiera accuminata - Cephalanthus occidentalis Shrubland Association* (G?, Swamp privet - common buttonbush shrubland association, IIB2NF002)
- *Fraxinus pennsylvanica - Ulmus americana Forest Association* (G?, Green ash - American elm forest association, IB2ND00004)
- *Justicia americana Herbaceous Association* (G?, Common water-willow herbaceous association, VB2ND00001)
- *Panicum virgatum - Andropogon glomeratus - Cladium mariscus ssp. jamaicense Herbaceous Vegetation* (G2G3, Switchgrass - bushy broomsedge - sawgrass herbaceous vegetation, CEGL004928)
- *Platanus occidentalis - Betula nigra - Celtis laevigata - Fraxinus pennsylvanica/Arundinaria gigantea Temporarily Flooded Forest* (G3? Ozark elm - ash - sugarberry forest sycamore - river birch - sugarberry - green ash/giant cane temporarily flooded forest, CEGL007999)

Communities (Associations) cont'd:

- *Platanus occidentalis* - (*Salix nigra*)/*Juglans microcarpa* - *Baccharis salicifolia* Woodland (G2G3, Sycamore - (black willow)/little walnut - seep-willow woodland, CEGl004930)
- *Platanus occidentalis* - *Juglans major* Woodland (G2?, Sycamore - Arizona walnut woodland, CEGl004929)
- *Platanus occidentalis*- (*Populus deltoides*) - *Acer negundo* Forest (G?, Sycamore - (Eastern cottonwood) - box-elder forest, CEGl002092)
- *Populus deltoides* - *Salix nigra* Woodland (G3G4Q, Eastern cottonwood - black willow woodland, CEGl004919)
- *Populus deltoides* - *Ulmus americana* - *Celtis laevigata* Forest (G3, Eastern cottonwood - American elm - sugarberry forest, CEGl002096)
- *Populus deltoides*/*Distichlis spicata* Woodland (G2, Cottonwood/inland saltgrass floodplain woodland, CEGl000939)
- *Populus deltoides*/*Muhlenbergia asperifolia* Forest (G3, Eastern cottonwood/alkali muhly forest CEGl000678)
- *Populus deltoides*/*Panicum virgatum* - *Schizachyrium scoparium* Woodland (G2, Cottonwood/switchgrass floodplain woodland, CEGl001454)
- *Populus deltoides*/*Salix exigua* Woodland (G3, Cottonwood/coyote willow woodland, CEGl002685)
- *Quercus nigra* - *Quercus (alba, phellos)* forest (G3?, Water oak - white oak, willow oak forest, CEGl002102)
- *Quercus palustris* - *Carya illinoensis*/*Ilex decidua* (G?, Pin oak - pecan/possum-haw forest, CEGl004797)
- *Riverine Gravel Flats Great Plains Sparse Vegetation* (G?, Great Plains riverine gravel flats, CEGl005223)
- *Spartina pectinata* - *Eleocharis* spp. - *Carex* spp. *Herbaceous Vegetation* (G2G4, Prairie cordgrass - spikerush species - sedge species herbaceous vegetation, CEGl002223)
- *Tripsacum dactyloides* - *Carex* ssp. - *Palustrine Herbaceous Vegetation* (G?, Eastern gammagrass - carex sedge species - palustrine vegetation, proposed addition)
- *Ulmus crassifolia* - *Carya illinoensis* - *Celtis laevigata*/*Chasmanthium sessiliflorum* - *Carex cherokeensis* Forest (G2G3, Cedar elm - pecan - sugarberry/longleaf spikegrass-Cherokee sedge forest, CEGl002388)
- *Ulmus (americana, rubra)* - *Quercus muehlenbergii* Forest (G?, Southern elm - chinquapin oak forest, CEGl002091)
- *Ulmus americana* - *Celtis (laevigata, occidentalis)* - *Fraxinus pennsylvanica* Forest (G3?, Southern elm - (sugarberry - Northern hackberry) - green ash forest CEGl002090)
- *Ulmus crassifolia* - *Celtis laevigata*/*Ilex decidua*/*Elymus virginicus* Forest (G3?, Cedar elm - sugarberry/ possum-haw/Virginia wild-rye forest, CEGl008468)

CROSSTIMBERS RIPARIAN FOREST SYSTEM
Communities (Associations):

- *Acer saccharinum* - *Celtis laevigata* - *Carya illinoensis* Forest (G3G4, Silver maple - sugarberry- pecan floodplain forest, CEGl002431)
- *Alnus maritima* - *Amorpha fruticosa* Shrubland (G1G2, Seaside alder - tall indigobush shrubland, CEGl004455)
- *Forestiera accuminata* - *Cephalanthus occidentalis* shrubland association (G?, Swamp privet - common buttonbush shrubland association, IIB2NF002)
- *Quercus nigra* - *Quercus (alba, phellos)* forest (G3?, Water oak - white oak, willow oak forest, CEGl002102)
- *Ulmus crassifolia* - *Carya illinoensis* - *Celtis laevigata*/*Chasmanthium sessiliflorum* - *Carex cherokeensis* Forest (G2G3, Cedar Elm - pecan - sugarberry/longleaf spikegrass - Cherokee sedge forest, CEGl002388)

Communities (Associations) cont'd:

- *Ulmus (americana, rubra) - Quercus muehlenbergii Forest* (G?, (American elm, slippery elm) - chinquapin oak forest, CEGl002091)
- *Quercus macrocarpa - Quercus muehlenbergi - Quercus shumardii Forest* (G?, Bur oak- chinquapin oak- Shumard oak forest, proposed addition)
- *Tripsacum dactyloides - Carex ssp. - Palustrine Herbaceous Vegetation* (Eastern gammagrass - carex sedge species - palustrine herbaceous vegetation, proposed addition)

WESTERN GREAT PLAINS CLOSED DEPRESSION WETLAND SYSTEM
Communities (Associations):

- *Ceratophyllum demersum Herbaceous Vegetation* (G?, Coontail herbaceous vegetation, CEGl004528)
- *Eleocharis macrostachya - Marsilea vestita herbaceous association* (G?, Creeping spike-rush - hairy water-fern herbaceous association, VA5NJ00003)
- *Eleocharis palustris Herbaceous Vegetation* (G5, Creeping spikerush wet meadow, CEGl001833)
- *Heteranthera limosa - Bacopa rotundifolia - Sagittaria latifolia Herbaceous Vegetation* (G?, Blue mud-plantain - midwestern water-hyssop - broadleaf arrowhead herbaceous vegetation, CEGl002279)
- *Nelumbo lutea Herbaceous Vegetation* (G3G4, American lotus herbaceous vegetation, CEGl004323)
- *Polygonum pensylvanicum - Polygonum lapathifolium Herbaceous Vegetation* (G?, Pennsylvania smartweed-pale smartweed herbaceous vegetation, CEGl002277)
- *Potamogeton nodosus Herbaceous Vegetation* (G?, Longleaf pondweed herbaceous vegetation, CEGl004529)
- *Sagittaria latifolia - Sagittaria longiloba Herbaceous Vegetation* (G?, Broadleaf arrowhead - longbarb arrowhead herbaceous vegetation, CEGl004525)
- *Sarcobatus vermiculatus/Leymus cinereus Shrubland* (G3, Black greasewood/Great Basin lyme grass shrubland, CEGl001366)
- *Stuckenia pectinatus - Ceratophyllum demersum Herbaceous Vegetation* (G?, Sago pondweed - coontail herbaceous vegetation, CEGl002281)
- *Thalia dealbata Herbaceous Vegetation* (G?, Powdery alligator-flag herbaceous vegetation, CEGl004526)

ADDITIONAL COMMUNITIES NOT ASCRIBED TO SYSTEMS:

- *Zizania Texana -Potamogeton illinoensis Herbaceous Vegetation* (G1, Texas wild rice - Illinois pondweed herbaceous vegetation, CEGl004512)
- *Rhynchospora oligantha - Sarracenia ssp. - (Aristida beyrichiana, Ctenium aromaticum) Saturated Herbaceous Alliance* (Feather-bristle beaksedge - pitcherplant species - (southern wiregrass, toothache grass) saturated herbaceous alliance)