

USGS-NPS Vegetation Mapping Program
Congaree Swamp National Monument

DIAGNOSTIC SPECIES

Globally

The globally diagnostic species are currently the same as the park-specific diagnostic species listed below.

Congaree Swamp National Monument

Platanus occidentalis, Celtis laevigata, Acer negundo, Ulmus americana, Fraxinus pennsylvanica, Lindera benzoin, Carex grayi, Carex retroflexa

VEGETATION DESCRIPTION

Globally

The global description currently is the same as the park-specific description below.

Congaree Swamp National Monument

The mostly closed canopy of this community is dominated by *Platanus occidentalis, Celtis laevigata, and Fraxinus pennsylvanica*. These species, along with *Acer negundo*, are also important in the well developed subcanopy. Other tree species are possible in these strata; these include *Crataegus viridis, Juglans nigra, Acer saccharinum, Morus rubra, Ilex decidua, Ulmus americana, Planera aquatica, Quercus laurifolia, Liquidambar styraciflua, Carya aquatica*, and others. The shrub layer generally is sparse and is dominated by *Lindera benzoin, Ilex decidua, Asimina triloba*, and likely other species as well. The herbaceous layer is typically sparse, and constant species are *Boehmeria cylindrica, Carex grayi, Carex retroflexa, and Viola* spp. Other typical species include *Botrychium dissectum, Carex lupulina, Chasmanthium latifolium, Onoclea sensibilis, Pilea pumila, Polygonum hydropiperoides, Polygonum virginianum*, and others. The vine stratum is moderate, and many species are possible. Among these are *Bignonia capreolata, Parthenocissus quinquefolia, Smilax tamnoides, Vitis rotundifolia, and Toxicodendron radicans*.

OTHER NOTEWORTHY SPECIES

The exotics *Ligustrum sinense* and *Microstegium vimineum* are present in occurrences of this community.

CONSERVATION RANK G3G5

RANK JUSTIFICATION This community type is globally relatively secure.

DATABASE CODE CEGL007730

COMMENTS

REFERENCES