

Acer saccharinum / Leersia lenticularis - Commelina virginica Forest

COMMON NAME Silver Maple / Catchfly Cutgrass - Swamp Dayflower Forest

SYNONYM

PHYSIOGNOMIC CLASS Forest (I.)

PHYSIOGNOMIC SUBCLASS Deciduous forest (I.B.)

PHYSIOGNOMIC GROUP Cold-deciduous forest (I.B.2.)

PHYSIOGNOMIC SUBGROUP Natural/Semi-natural (I.B.2.N.)

FORMATION Temporarily flooded cold-deciduous forest (I.B.2.N.d.)

ALLIANCE *Acer saccharinum* Temporarily Flooded Forest Alliance

CLASSIFICATION CONFIDENCE LEVEL 1

USFWS WETLAND SYSTEM Palustrine

RANGE

Globally

Acer saccharinum / *Leersia lenticularis* - *Commelina virginica* Forest has been newly described based on data from the Congaree Swamp National Monument. Global distribution needs assessment.

Congaree Swamp National Monument

This forest type occurs in the southern portion of the park between the levee and the Congaree River.

ENVIRONMENTAL DESCRIPTION

Globally

Acer saccharinum / *Leersia lenticularis* - *Commelina virginica* Forest has been newly described based on data from the Congaree Swamp National Monument. Global environmental conditions await description but likely are similar to those described below.

Congaree Swamp National Monument

Acer saccharinum / *Leersia lenticularis* - *Commelina virginica* Forest occurs on relatively recently deposited sands between the levee and the Congaree River.

MOST ABUNDANT SPECIES

Globally

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

Congaree Swamp National Monument

<u>Stratum</u>	<u>Species</u>
Tree canopy	<i>Acer saccharinum</i>
Tree subcanopy	<i>Acer negundo</i> , <i>Acer saccharinum</i>

DIAGNOSTIC SPECIES

Globally

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

Congaree Swamp National Monument

Acer saccharinum (see "Comments" below)

USGS-NPS Vegetation Mapping Program
Congaree Swamp National Monument

VEGETATION DESCRIPTION

Globally

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

Congaree Swamp National Monument

The fairly open to mostly closed canopy and the subcanopy of this community are dominated by *Acer saccharinum*. Other species that are sparingly present in these strata are *Acer negundo*, *Celtis laevigata*, and *Fraxinus pennsylvanica*. The sparse shrub layer contains *Asimina triloba*, *Ilex decidua*, *Lindera benzoin*, and canopy species. The sparse herbaceous layer has a variety of herbaceous species that may be present; these species include *Leersia lenticularis*, *Acalypha rhomboidea*, *Senecio glabellus*, *Boehmeria cylindrica*, *Pilea pumila*, *Carex grayi*, *Impatiens capensis*, *Polygonum virginianum*, and others.

OTHER NOTEWORTHY SPECIES

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

CONSERVATION RANK G3?

RANK JUSTIFICATION

DATABASE CODE C EGL007727

COMMENTS

Globally

Global rank needs reassessment following evaluation of more complete information on the global range of this community.

Congaree Swamp National Monument

Acer saccharinum as the strong dominant in the canopy is diagnostic of this association.

REFERENCES