



Island Scenario: Belle Island

A 1,000-year flood has destroyed the plants and animals on Belle Island. The 20-acre island is in the middle of an urban river corridor. It has a large hill on the east side of the island, and there is a low area capable of sustaining a marsh on the opposite side of the island. The island also has a flat plain that was formerly a meadow. The island has been used in many different ways since Europeans settled the area. Originally it was used as a plantation. Later, industries powered by hydro-electricity were located on the island. Before the flood, the island was overgrown with a mixture of native and non-native plants and was inhabited by a variety of native and non-native wildlife. The city wants to restore a low-maintenance, native habitat on the island.

List of Native and Non-Native Species Found in Surrounding Sites

Native	Non-Native	Native	Non-Native
Trees	Trees	Animals	Animals
Red oaks	Empress tree	Aquatic turtles	Starling
River birch	Tree-of-heaven	Frogs	House sparrow
Pine		Snakes	Pigeon
Vines	Vines	Raccoon	Norway rat
Virginia creeper	Japanese honeysuckle	Deer	Nutria
Trumpet vine	Kudzu	Opossum	House cat
Poison ivy		Great blue heron	Stray dog
Other Plants	Other Plants	Osprey	Carp
Jack-in-the-pulpit	Cordgrass	Cardinal	Striped bass
Cattails	Crabgrass	Dragonflies	Fire ants
Wild rice	Dandelions	Mayflies	
	Purple loosestrife	Mosquitoes	
		Bluegill	

