WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of plot from the east side of the plot along shoreline. Quad D in the foreground right and Quad A in the background right. Vegetation included river bulrush (Scirpus fluviatilis OBL), common reed (Phragmites australis OBL), water smartweed (Polygonum amphibium OBL), stinging nettle (Urtica dioica FAC+) and southern yellow cress (Rorippa sylvestris OBL). First time that we have observed southern yellow cress here. Evidence of wetland burn in this area and loss of organic layer.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad D. Vegetation included river bulrush (Scirpus fluviatilis OBL), common reed (Phragmites australis OBL), water smartweed (Polygonum amphibium OBL), stinging nettle (Urtica dioica FAC+) and southern yellow cress (Rorippa sylvestris OBL).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quads B & C. Vegetation included river bulrush (Scirpus fluviatilis OBL), common reed (Phragmites australis OBL), water smartweed (Polygonum amphibium OBL), stinging nettle (Urtica dioica FAC+) and southern yellow cress (Rorippa sylvestris OBL).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of the plot from the lake. Vegetation consistent with what was observed during 2002 monitoring with the addition of <1 % herb layer consisting of a seedling currant species stinging nettle (Urtica dioica FAC+) and seedling jewelweed (Impatiens capensis FACW). Area east of plot appeared to contain more herb layer vegetation than in 2002.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad D taken from lake (west) looking east. Vegetation consistent with what was observed during 2002 monitoring with the addition of <1 % herb layer consisting of a seedling currant species (Ribes), stinging nettle (Urtica dioica FAC+) and seedling jewelweed (Impatiens capensis FACW). Three feet wide area of mucky substrate deposited above OHWM likely from recent high winds.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad A taken from lake (west) looking east. Vegetation consistent with what was observed during 2002 monitoring with the addition of <1 % herb layer consisting of a seedling currant species stinging nettle (Urtica dioica FAC+) and seedling jewelweed (Impatiens capensis FACW). Three feet wide area of mucky substrate deposited above OHWM likely from recent high winds.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad B taken from north looking south. Vegetation consistent with what was observed during 2002 monitoring with the addition of <1 % herb layer consisting of a seedling currant species stinging nettle (Urtica dioica FAC+) and seedling jewelweed (Impatiens capensis FACW).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad C taken from south looking north. Vegetation consistent with what was observed during 2002 monitoring with the addition of <1 % herb layer consisting of a seedling currant species (Ribes), stinging nettle (Urtica dioica FAC+) and seedling jewelweed (Impatiens capensis FACW).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of shoreline along plot taken from north looking south.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of seedling currant in Quad B. Either Ribes cynobasti or R. hirtellum.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of new riprap installed lakeward of shallow marsh shoreline.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of plot from the lake. Depth of water at OHWM measured at about 15 inches. The marsh was burned over winter and the organic layer has been removed. Newly sprouting vegetation in lake sediments and approximately 3 – 4 inches of organic duff layer gone that previously provided protection from erosion and intrusion by other species. Plot contained a relatively high percentage of stinging nettle compared to 2002. River bulrush appeared to be taller and healthier east and west of plot that is slightly lower in elevation.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quads C & D taken from north looking south. Plot contained a relatively high percentage of stinging nettle compared to 2002.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quads A & B taken from north looking south. Quad B in foreground. Vegetation included river bulrush (Scirpus fluviatilis OBL), common reed (Phragmites australis OBL), water smartweed (Polygonum amphibium OBL), stinging nettle (Urtica dioica FAC+) and southern yellow cress (Rorippa sylvestris OBL).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad A taken from north looking south. Vegetation included river bulrush (Scirpus fluviatilis OBL), common reed (Phragmites australis OBL), water smartweed (Polygonum amphibium OBL) and stinging nettle (Urtica dioica FAC+).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad D taken from north looking south. Vegetation included river bulrush (Scirpus fluviatilis OBL), common reed (Phragmites australis OBL), water smartweed (Polygonum amphibium OBL) and stinging nettle (Urtica dioica FAC+).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of area east of plot showing the exposed sediments as a result of the over winter burn in the area. Slightly higher areas are root balls of bulrush and common reed. Organic layer was previously at approximately the elevation of root balls or higher.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad A. Herb layer in the plot was present for the first time since Lake Study inception in 2002. Small herbaceous plants and seedling tree species.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quads B and C. Quad C in foreground and Quad B in background. Herb layer in the plot was present for the first time since Lake Study inception in 2002. Small herbaceous plants and seedling tree species.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of herbaceous plants in Quad C.

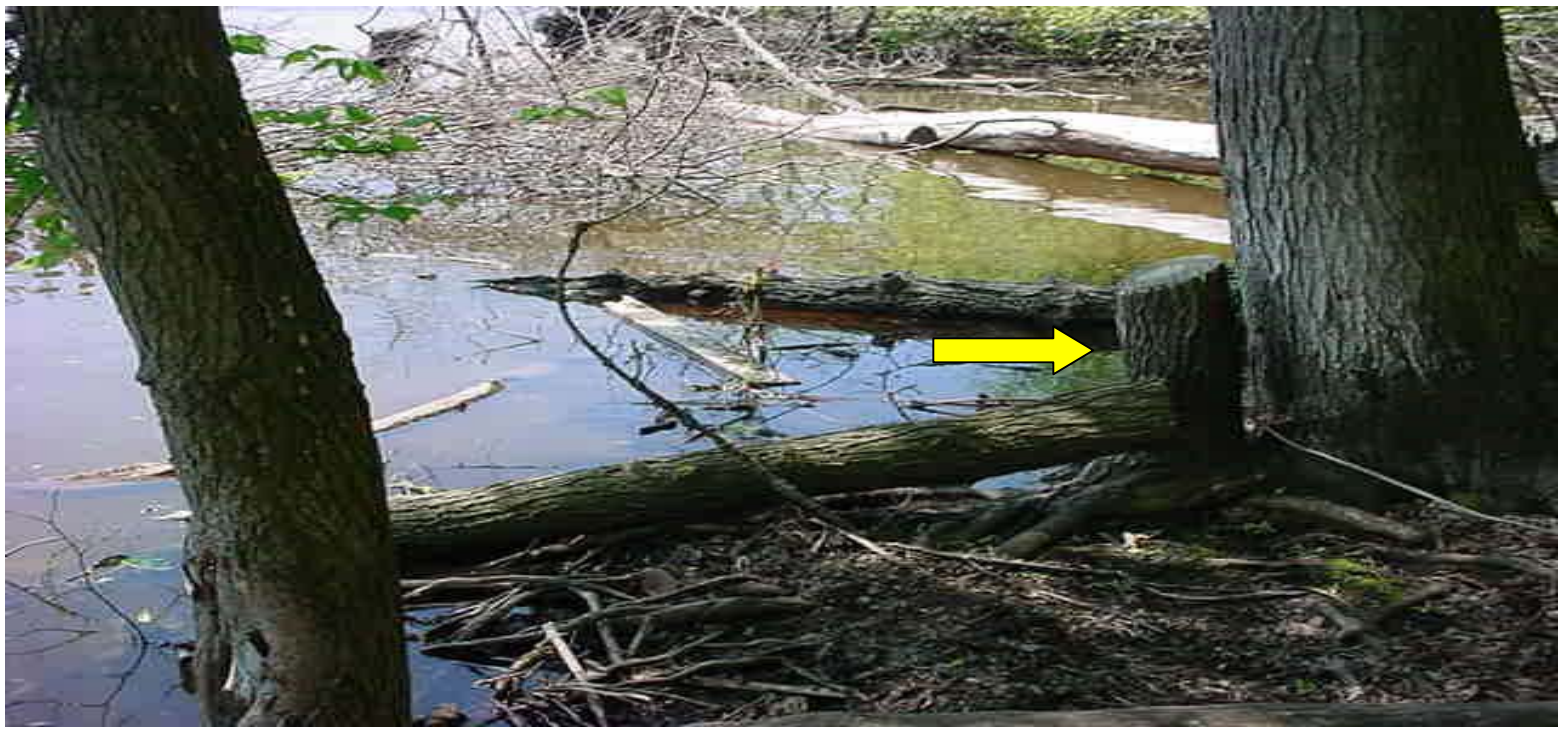
WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quads A and D. Quad A on the right and Quad D on the left. Evidence of continued erosion on shoreline of Quads A and D.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

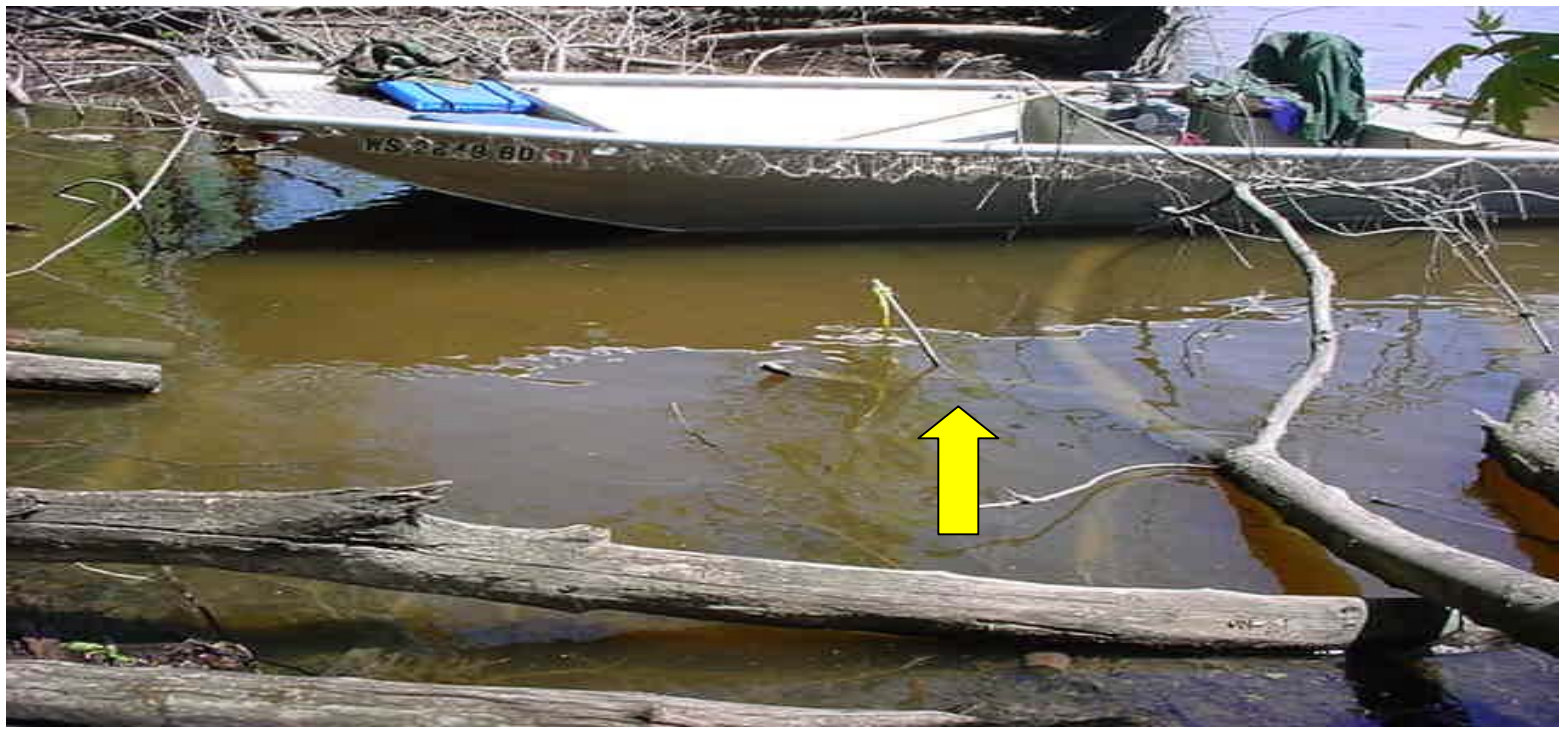
- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of white-flowered herb, possibly a mustard or pepperweed species.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN



- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad A shoreline and the evidence of continued erosion undermining the tree roots. 7" silver maple recently cut by landowner (arrow).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN



- Location: Carcajou Floodplain Forest Date: 5-13-2003 Water Elevation: 777.30 msl
- Photo of Quad D shoreline and the evidence of continued erosion. Stake in water (arrow) was at the edge of the shoreline in February 2002.