

**WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN**



- Location: Hights Bay Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Hights Bay sago and coontail submergent bed. Depth of water 0 - 1.5 feet. This aquatic bed is denser than previous two years of observation.

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- Location: Hights Bay Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Hights Bay plot location. Sago and coontail submergent bed up to edge of emergent bed. Water depth at edge of emergent < 1 inch. Depth of water 15' out from middle of plot 1-inch with sago and coontail present. The emergent vegetation similar in density and composition to May 2002. River bulrush predation evident along lakeward edge of emergent bed.

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- Location: Hights Bay Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Hights Bay Quadrant A. Vegetation consists of river bulrush, common reed, wild iris and water smartweed.

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- Location: Hights Bay Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Hights Bay Quadrant A showing the predation of the river bulrush and common reed along the shoreline. Exposed sediments were observed in the nearshore areas in the background.

**WDNR/RKLD COOPERATIVE LAKE STUDY
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- Location: Gilberts Bay Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Gilberts Bay sago submergent bed. Very isolated coontail was also observed. Depth of water 0 - 1.5 feet. This aquatic bed appears to be denser than previous two years of observation.

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- Location: Gilberts Bay Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of plot from west looking east. Edge of water 20 feet from stakes (OHWM). Very little change in vegetation since May 2002. Two river bulrush plants (2-inch tall) growing on exposed sediments lakeward of stakes.

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- Location: Carcajou Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Carcajou Shallow Marsh Quadrant A. Edge of water 3 feet from stakes. 70% of this quadrant unvegetated. 20% common reed, 3% river bulrush, 17% water smartweed.

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- Location: Carcajou Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant D. Evidence of predation on river bulrush and common reed along shore. 10% of this quadrant unvegetated. 70% common reed, 4% river bulrush, 5% water smartweed, 5% arrowhead. Some young river bulrush sprouted along edge of water.

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- Location: Carcajou Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant B. 38% of this quadrant unvegetated. 40% river bulrush, 20% water smartweed, 2% arrowhead.

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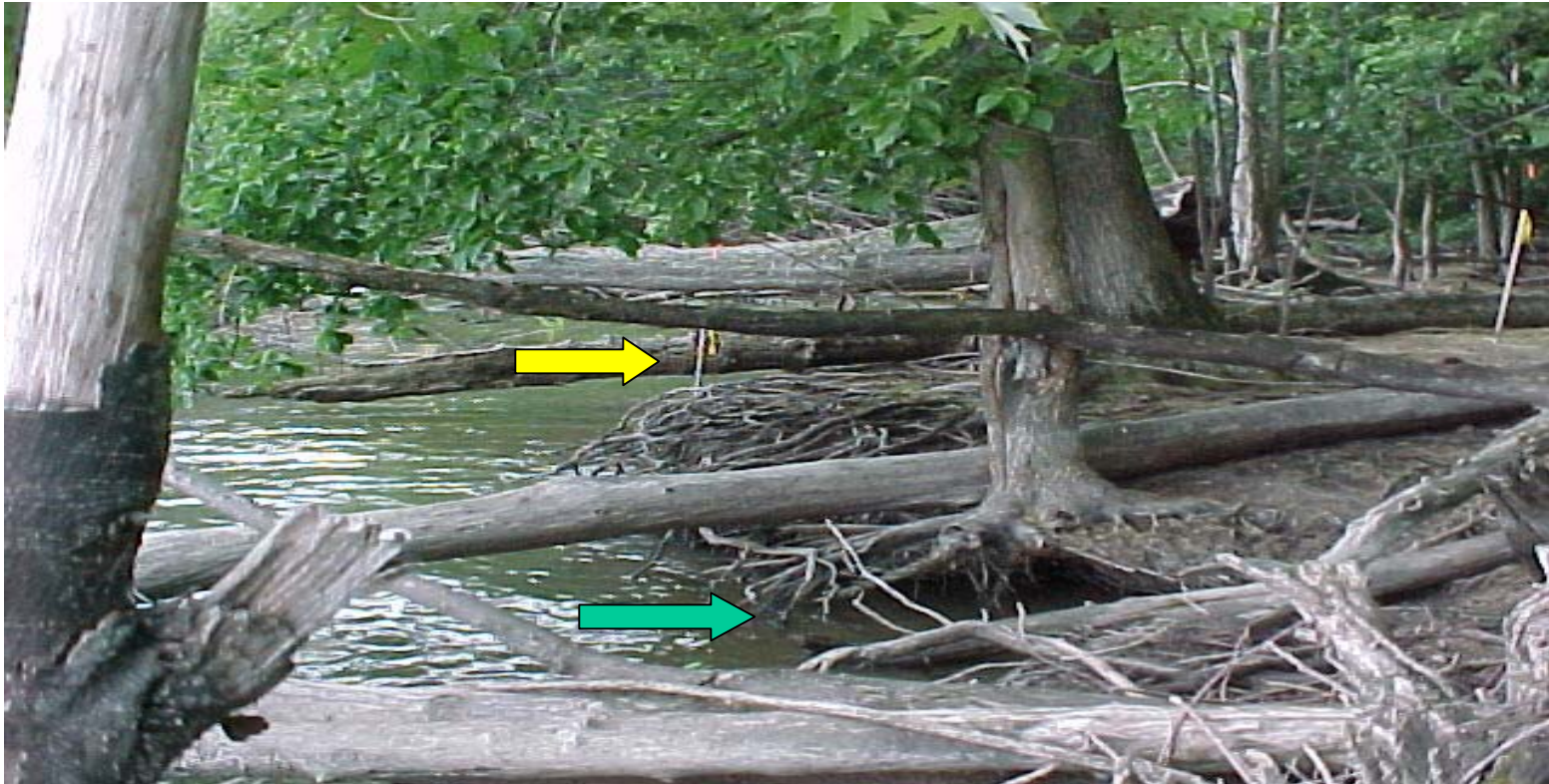
- Location: Carcajou Shallow Marsh Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of entire plot arrows indicating stakes. Quadrant A (left side of photo) shows area void of emergent vegetation.

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- Location: Carcajou Floodplain Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of entire plot. Arrows indicate stakes present, westernmost stake missing (replaced).

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- Location: Carcajou Floodplain Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant A, yellow arrow is SW corner of quadrant. Green arrow points to observed erosion under tree root systems. More than one foot of sediment loss since February 2002.

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- Location: Carcajou Floodplain Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant D in foreground and Quadrant C in background. Erosional sediment loss along shoreline root systems and water smartweed growing within five feet of shoreline edge.

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- Location: Carcajou Floodplain Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant D, erosional sediment loss along shoreline root systems.

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- Location: Carcajou Floodplain Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant A, erosional sediment loss along shoreline root systems, < 1% water smartweed and unidentifiable grass seedlings present. No other changes observed.

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- Location: Carcajou Floodplain Forest Date: 7/9/02 WL: 776.14 msl
- Photo Description: Photo of Quadrant A, erosional sediment loss along shoreline root systems. Green arrow indicates location of sediment in February, 2002. Sediment loss approximately 1 foot laterally and 8 inches vertically.