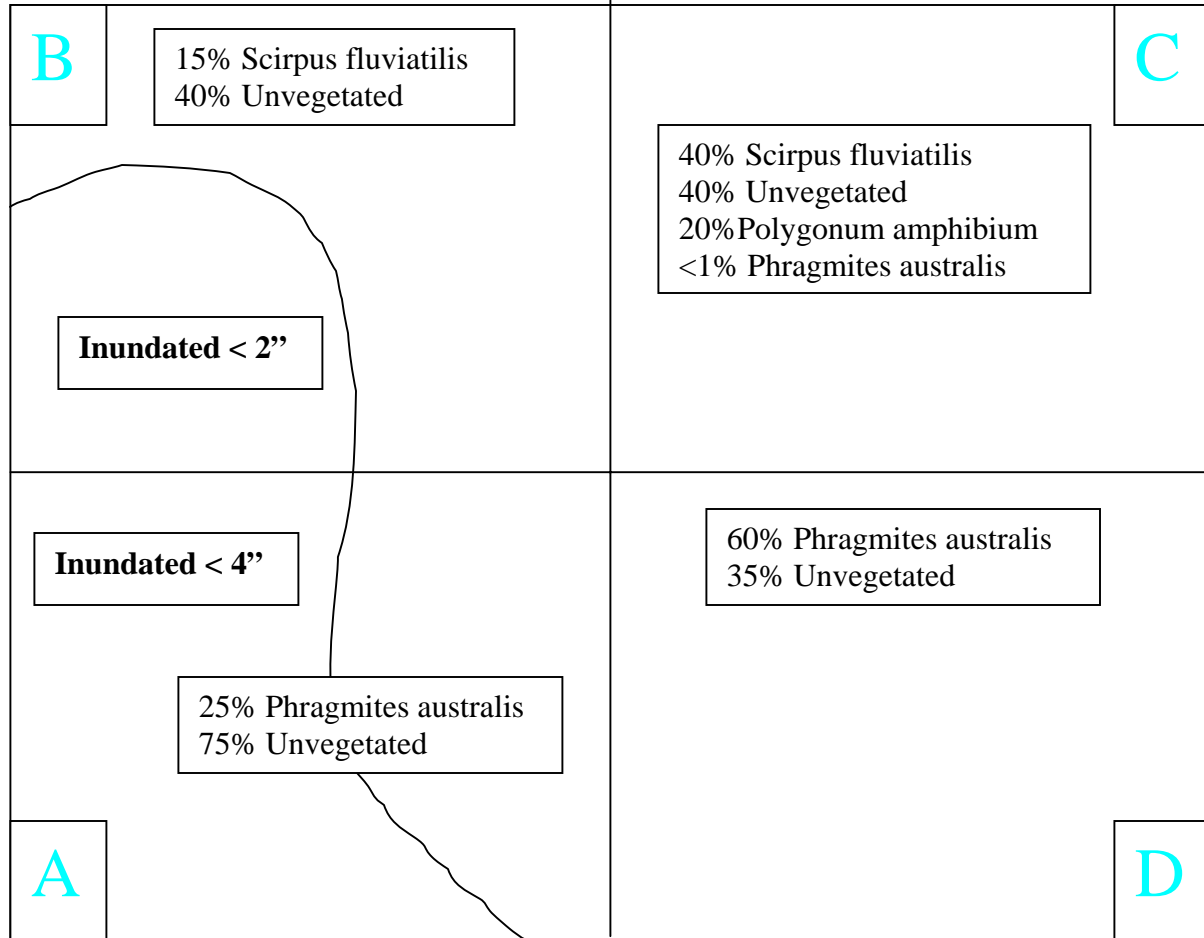


COOPERATIVE LAKE STUDY FIELD MONITORING SHEET



Location: Carcajou Shallow Marsh (N42° 53' 15.2", W88° 58' 32.3") Date: 05-13-03
 Observers: Mike Halsted & Steve Hjort Water Level: 777.28 msl
 Conditions: Clear, 50°F, light NW winds.

Quad A: 25% *Phragmites australis*, remaining area unvegetated. Approximately 75% of the organic layer and vegetation has been lost to erosion since 3-13-02. Inundated to a depth of 4 inches. Organic layer lost leaving clayey mineral sediment exposed.

Quad B: 15% *Scirpus fluviatilis* (young shoots-some partially submerged.), remaining area 85% unvegetated.

Quad C: 40% *Scirpus fluviatilis*, 40% unvegetated, 20% *Polygonum amphibium*, <1% *Phragmites australis*.

Quad D: 60% *Phragmites australis*, 35% unvegetated.

Notes: •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.