

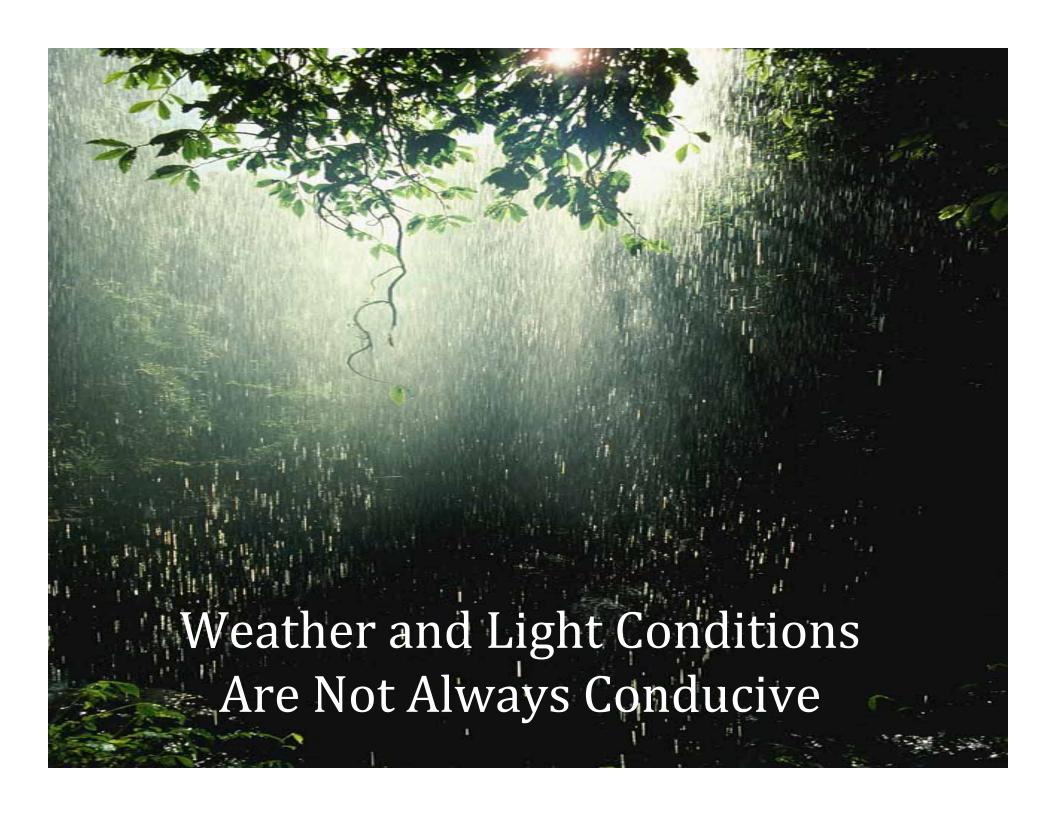


The more thorough the survey; the higher one's confidence in the "NO IAP DETECTED" result



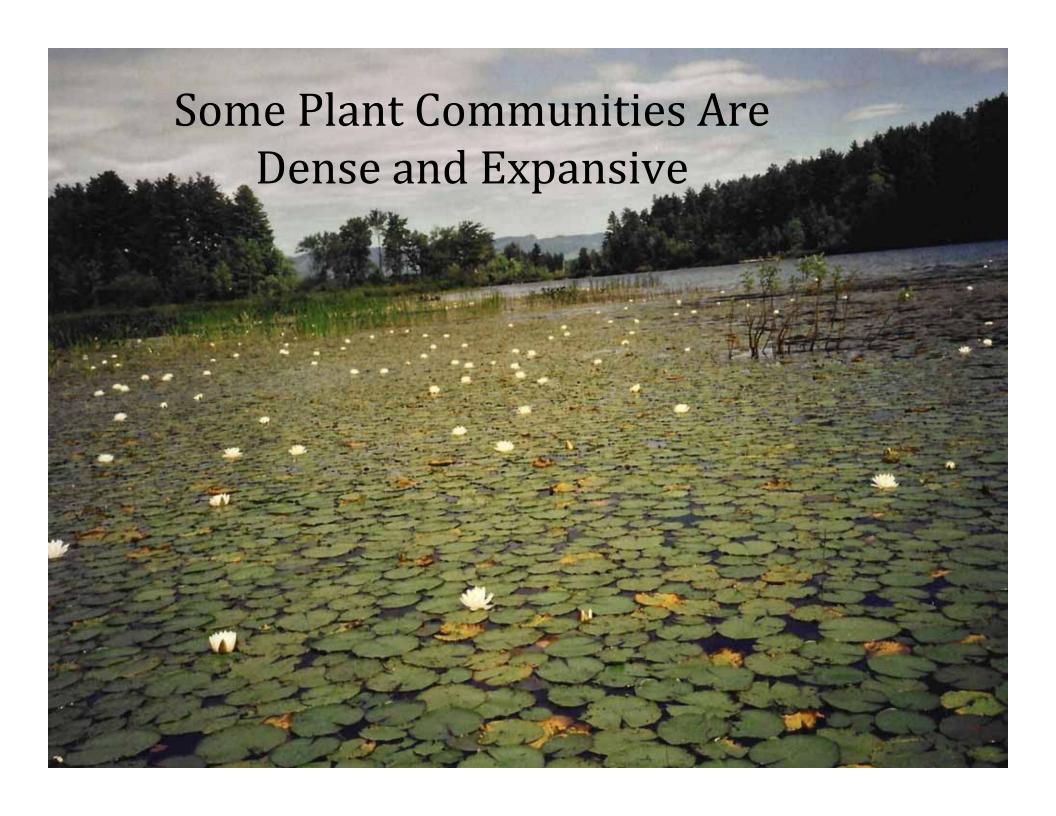
# The Challenge

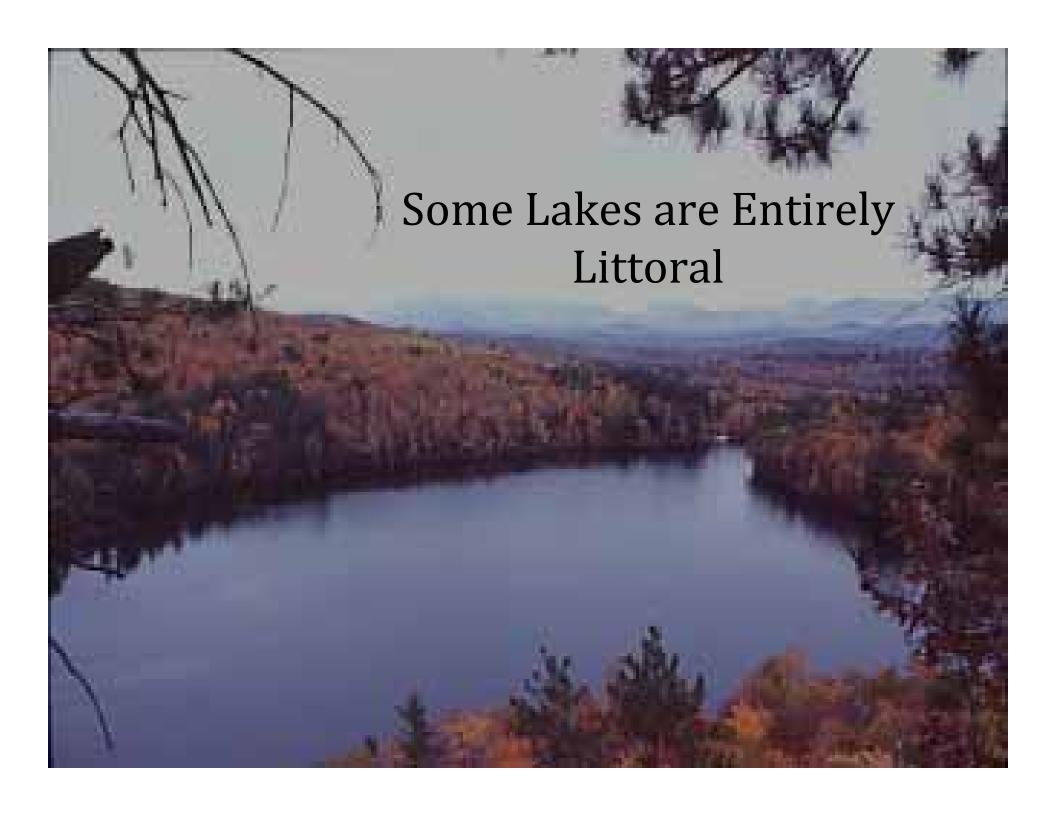
It is virtually impossible to be 100% thorough in ones search

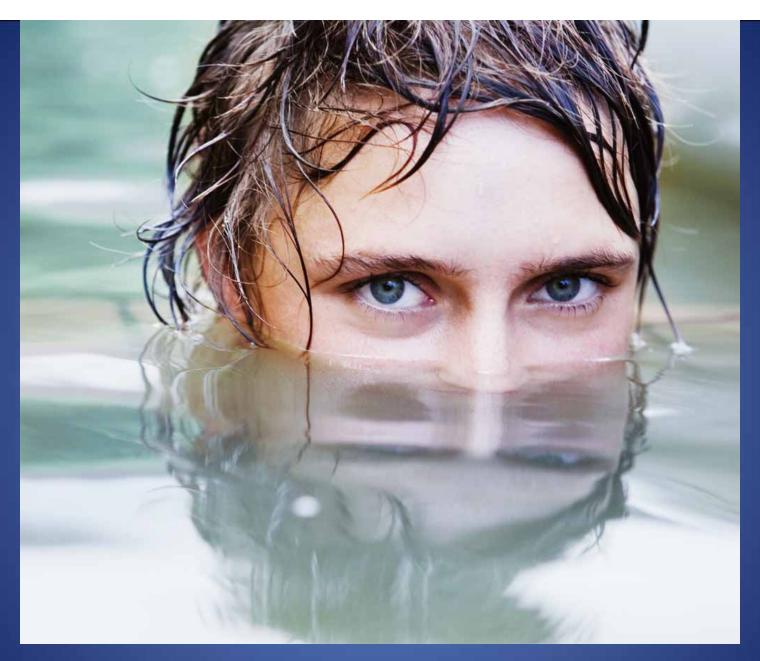




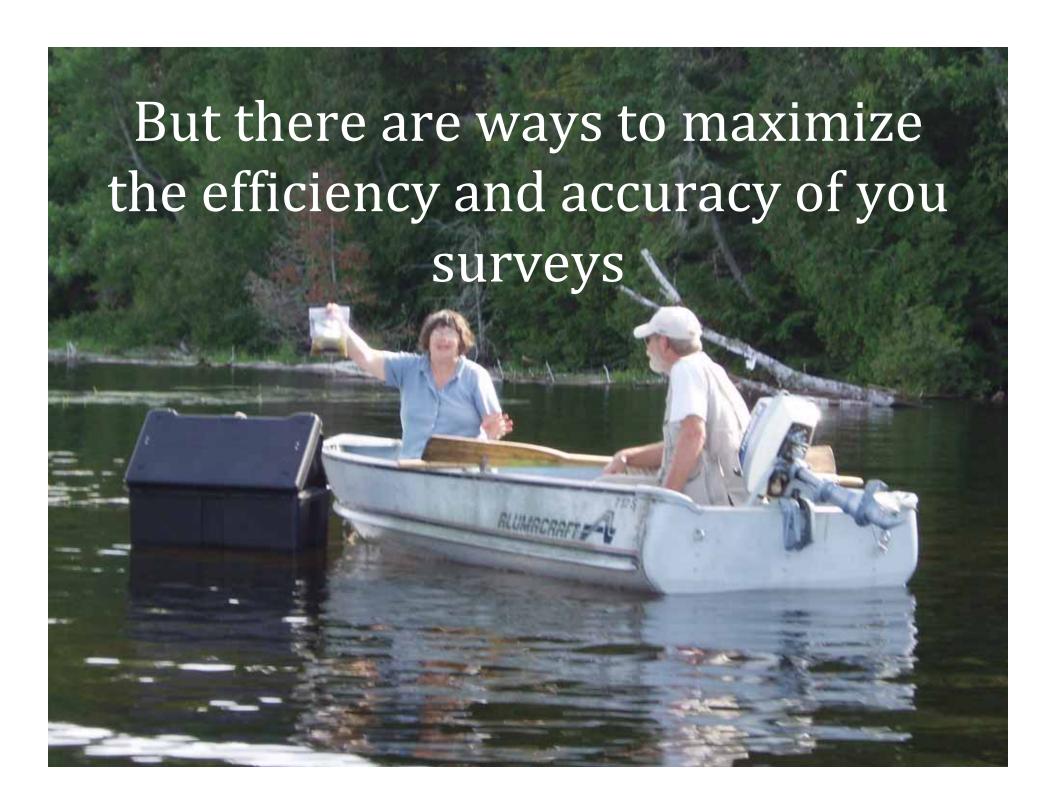
Limits of Time and Energy







You may not be able to see it all...



Ready, Set, Wait! Before You Go!

#### Reality Check!



Take stock of existing resources . . .

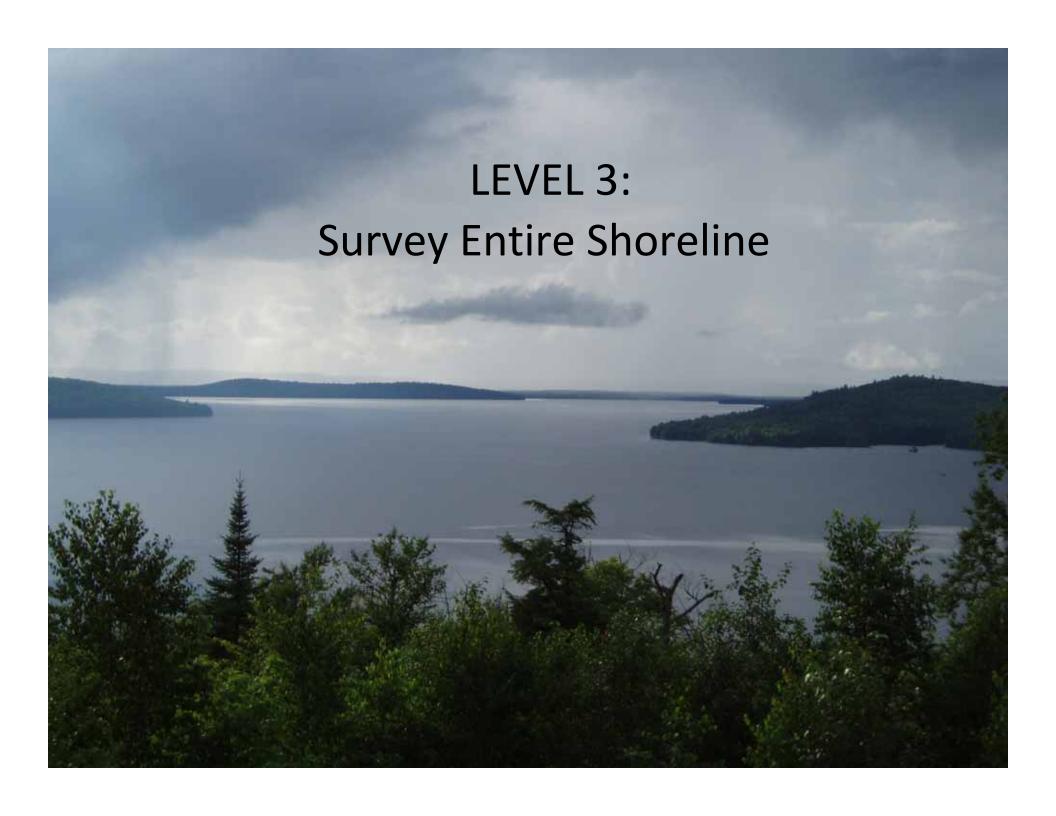
- Time
- Equipment
- Help
- Familiarity with procedures, native & invasive plants

Take stock of the challenge before you . . .

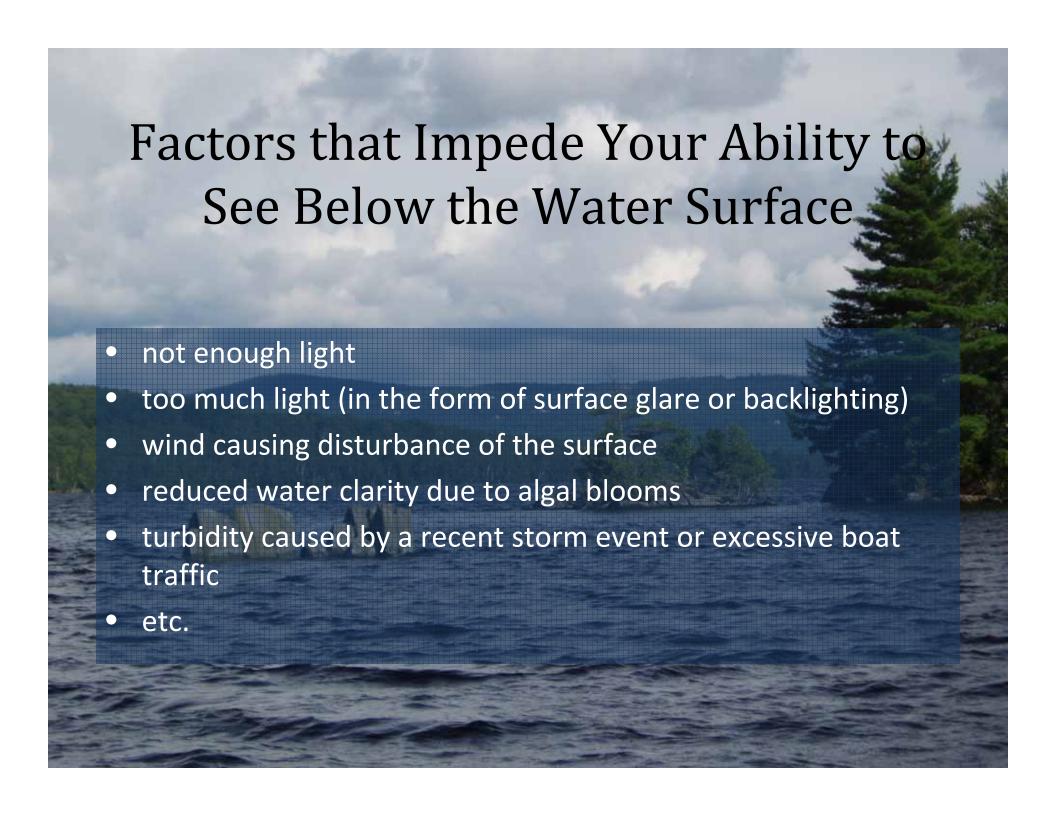
- How large is the body of water to be surveyed?
- How much of the waterbody is littoral?
- (depth maps help!)

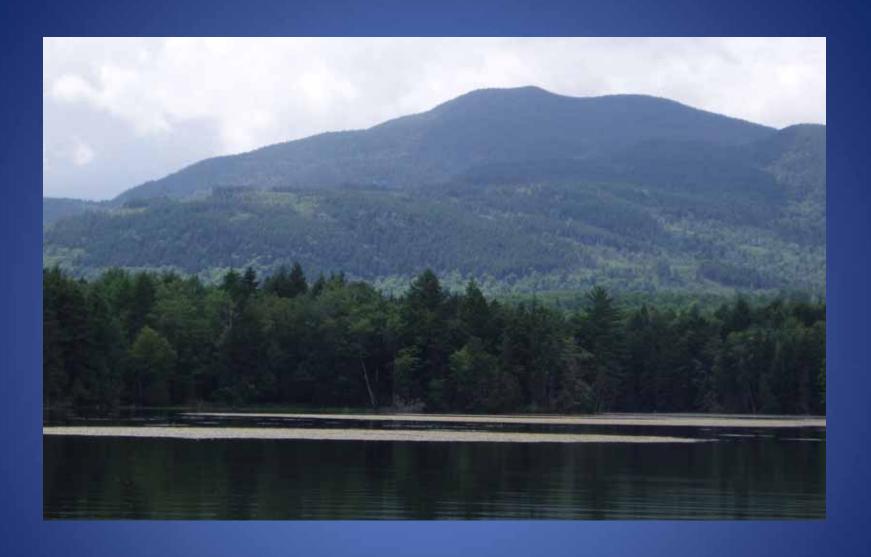






Go While the Going is Good



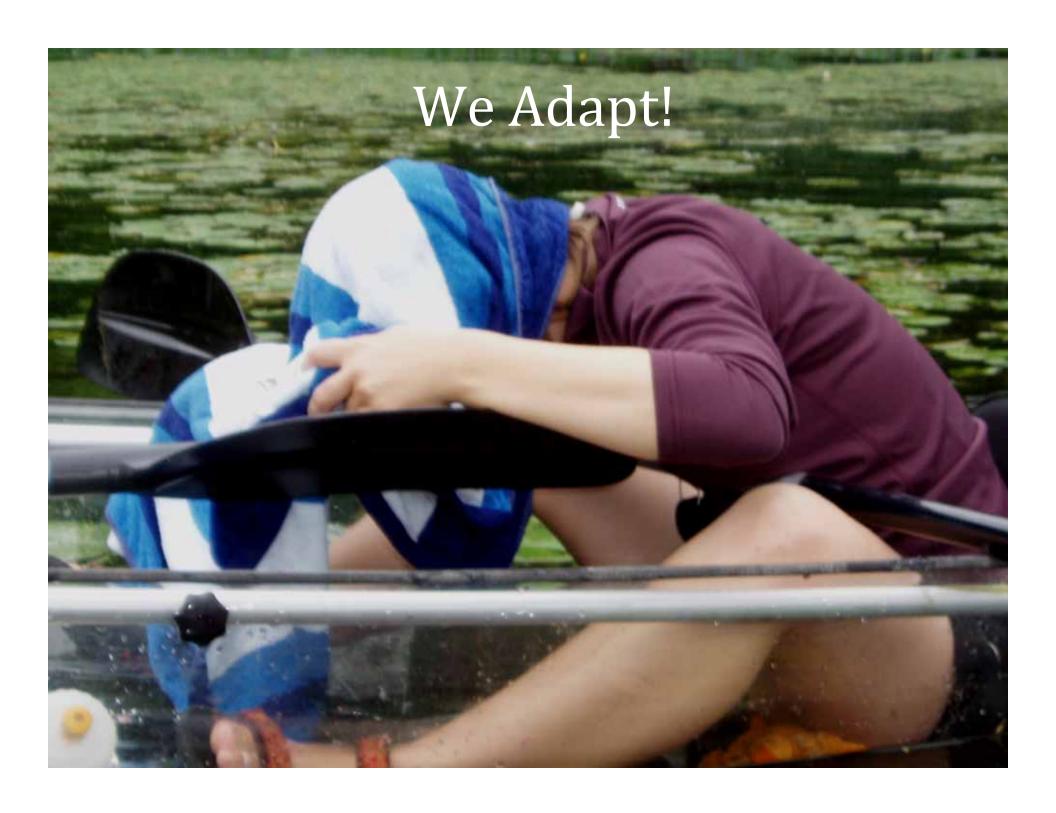


Time your survey to coincide with the most favorable viewing conditions



Work Arounds





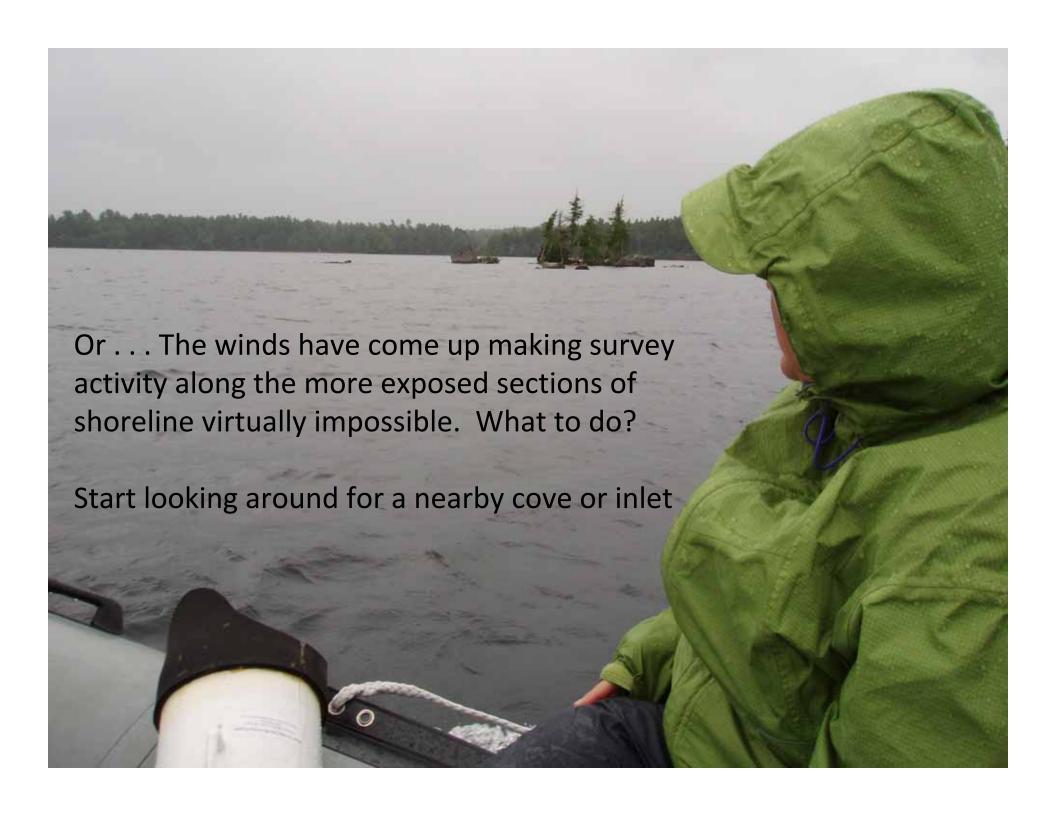
Change your location within the intended survey area to take advantage of the most favorable conditions available at that moment





It is early morning; the air is still and the surface of the water is dead calm, but the easterly shore (where you happen to be right now) is still in shadow . . . How to adapt?

Paddle over to the sunlit westerly shore and work that section of the shoreline until the light is better along the east shore



Scopes

## How They Work



#### What Makes a Good Scope?

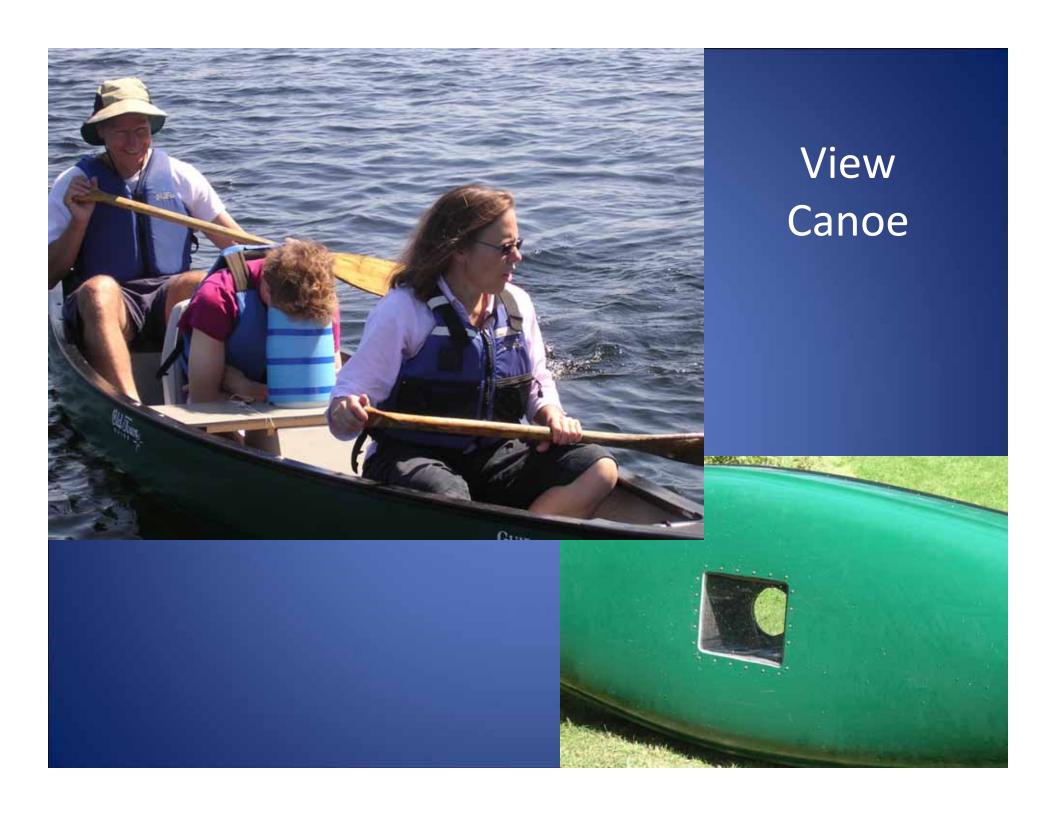
- easy and comfortable to use
- provides the widest possible angle of view
- constructed of opaque materials to shield out as much side and back light as possible
- being relatively cheap and easy to construct is a plus

#### Bucket Scope with Cover











Teamwork



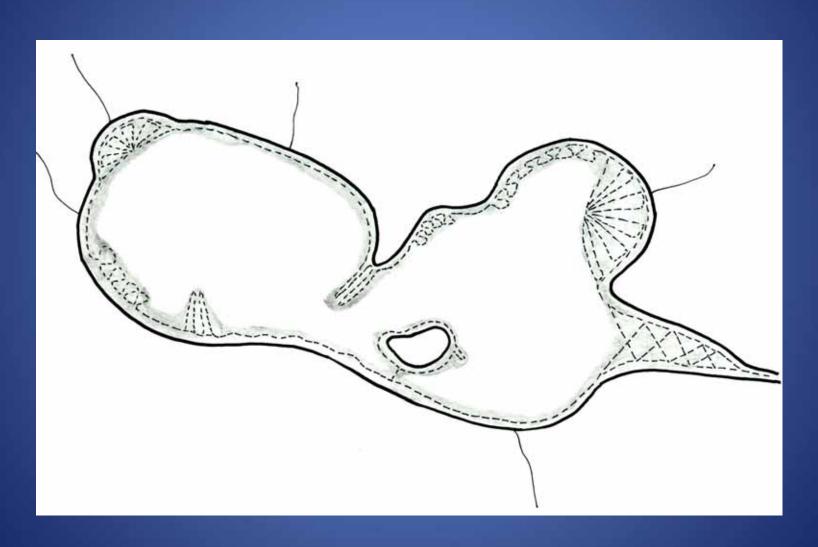
- Safer, and better from a quality assurance standpoint
- Observations will be more thorough
- Two person canoes, row boats, skiffs, and inflatables are all well suited to the two-person survey team
- Both team members keep a keen eye out for hazards
- The division of labor between captain and lead surveyor should be fairly well defined. You can always swap roles mid-way

### Kayak Teamwork

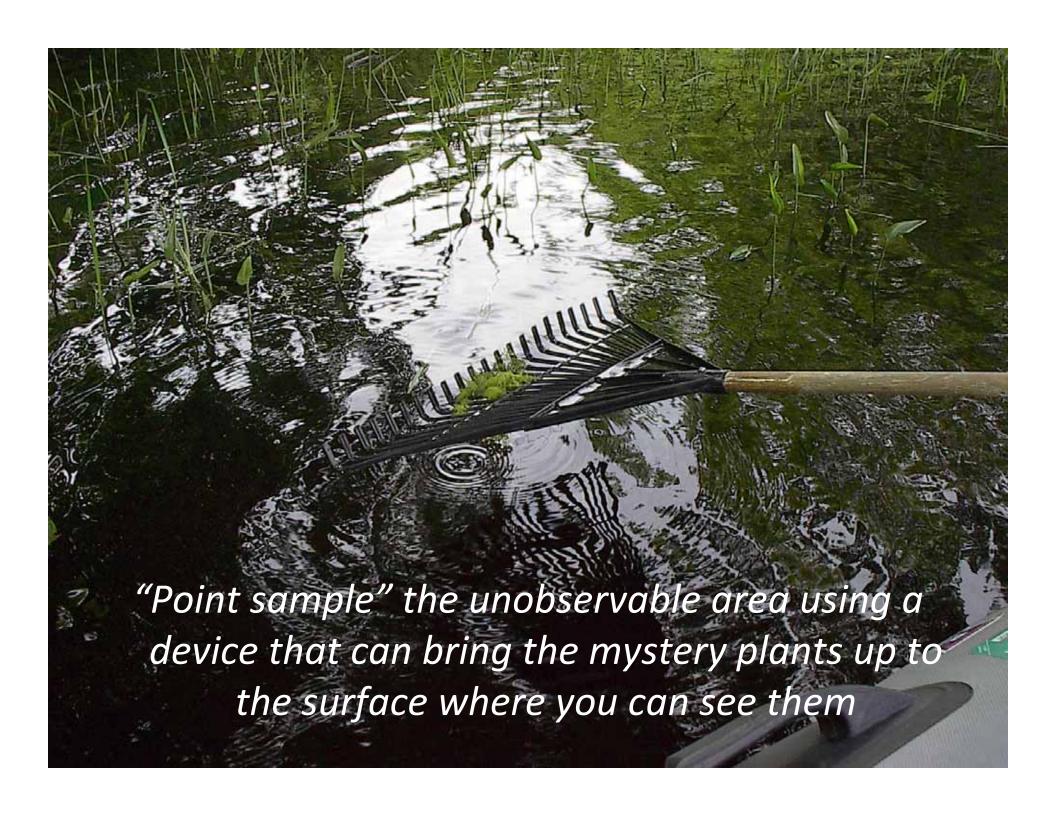


Charting Course

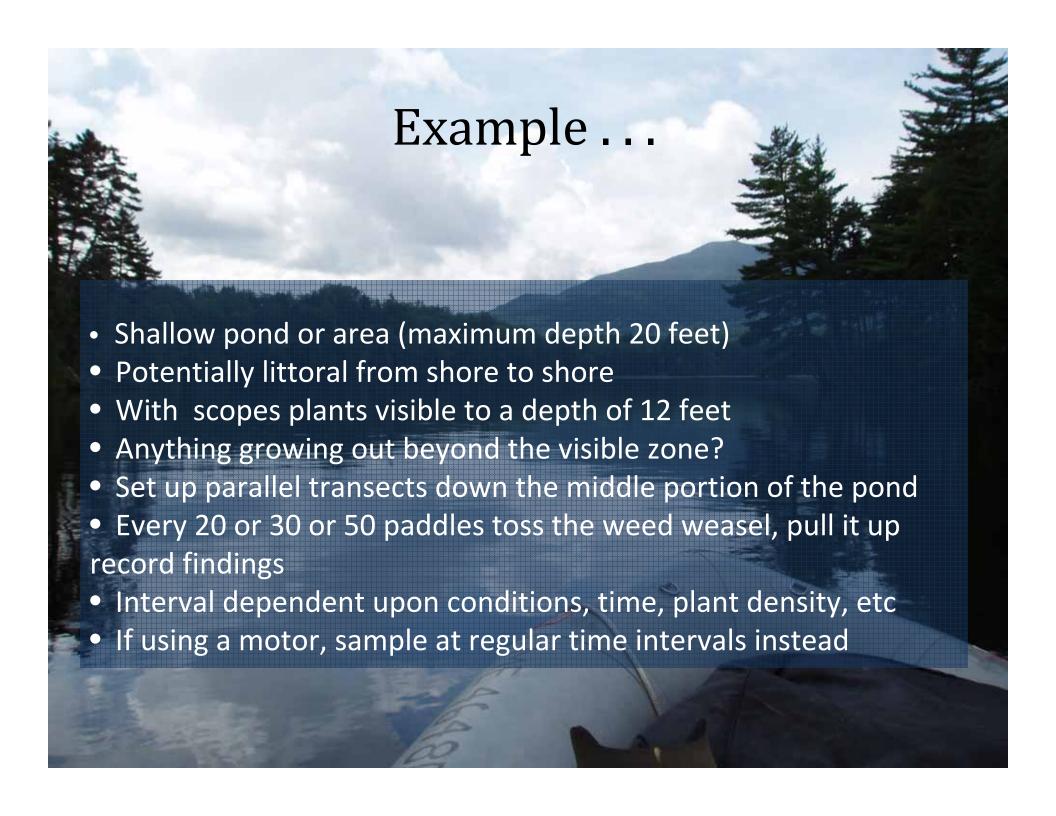
### Setting & Adjusting Course



Rakes, Potato Hooks, and Weed Weasels







Getting to Know the Natives

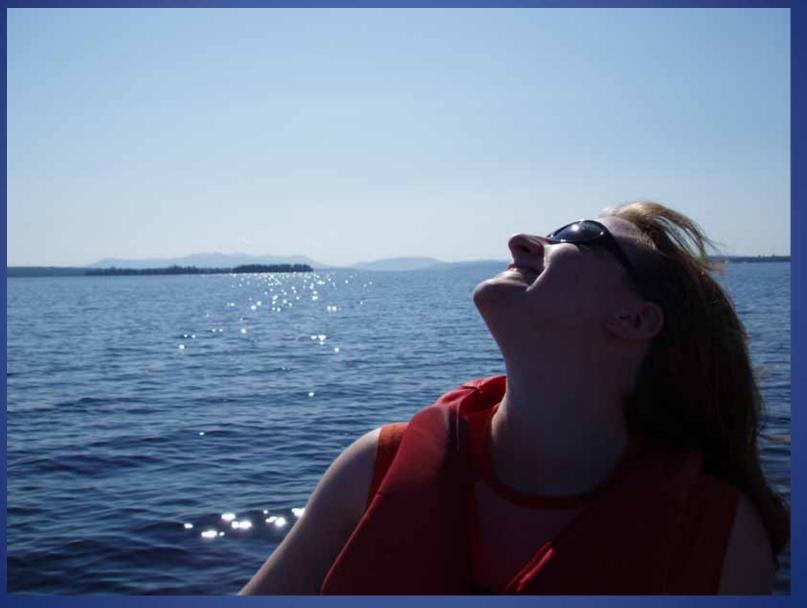
# See More *Knowledgably* as Opposed to Simply Seeing More...





Zen and the Art of Plant Patrolling

#### Being in the Moment



Many Trained Eyes Make Light Work

#### Recruit Some Help!



## Salmon Lake Milfoil Surveys Enright Enright Massey Milfo il found Deveney Euighi Ham mond Entight DEP surveys Volunte eer surveys

#### So There You Have It!





May you never find what you are looking for!