

PROJECTS!

- KL soil project:

- soil data ✓
- germination (health/growth of KL)
- WITRB?

- Noyes project:

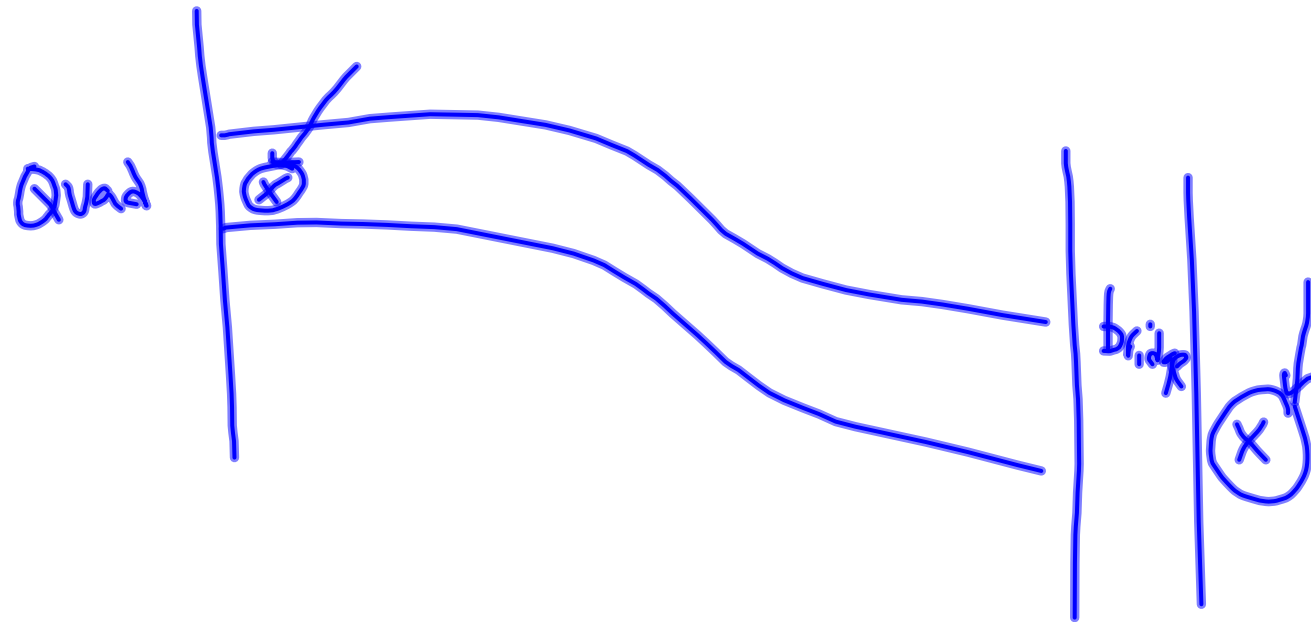
- 2 data collection sessions ✓
- 1 more this Thursday
- WITRB?

- MI Inquing project

- collect data today
- WITRB?

MI Inquiry:
WITRB the substrate of Jackson Creek
and the macroinvertebrates in the water?

mud vs.
big rocks



1. Shredders: Take large organic material & break it apart & consume (leaves, branches)
2. Stone flies, Caddis flies

Scrapers: Scrape algae from surfaces (rocks, sticks) in the stream
Mayflies, Caddis flies, snails

Collectors: Gather or filter small organic particles from the water
Mayflies, caddis flies, true flies

Predators: MI's that eat other MI's
Stoneflies, Beetle larvae, caddis flies

3. Aquatic MI's are often omnivores; HOW these organisms eat (as opposed to what they eat) has consequences ecologically:

4. Without:

Shredders: Nothing will break down large organic material

Scrapers: Build-up of algae → build-up of ("bloom") bacteria that eat algae → drop in available DO

Collectors: Build-up of small organic material which can increase turbidity

Predators: Can have a build-up of one or more prey species - can outcompete and dominate other species

- look at one area of creek at a time
(muddy vs. rocky area)
- collect for 1 minute (per site)
- search for 20 minutes (per site)
- document the M&S you find

taxa	description	#
caddis	rock	11
mayfly	bug-eyed	1
caddis	wood	1



