Presentation outline

Introduction:

* Brief history:
  + Clear cuts used to go right up to stream. Although they increased local primary production and vert. biomass…also negative impacts
  + Clear cuts replanted and second growth stands now commonly occur
  + Today riparian zones are managed to protect salmonids

Premise of our study.

* Old-growth allows more light to reach stream benthos
* Canopy gaps create productivity hotspots.
* Increased primary production will result in increased secondary production and vertebrate target species

Head to Old-Growth. Talk about light

* Fluorescein vials
* Rhodamine, tiles, PAR
* Periphyton Growth, Chl. a, AFDM

Start fluorescein release and walk to 2nd growth

* Talk about nutrient release and nutrient demand/uptake

Go to fish station:

* Show YoY and explain why we are interested
* Tagged fish
* PIT Tagging/elastomer

Questions

Move to McT if time allows