

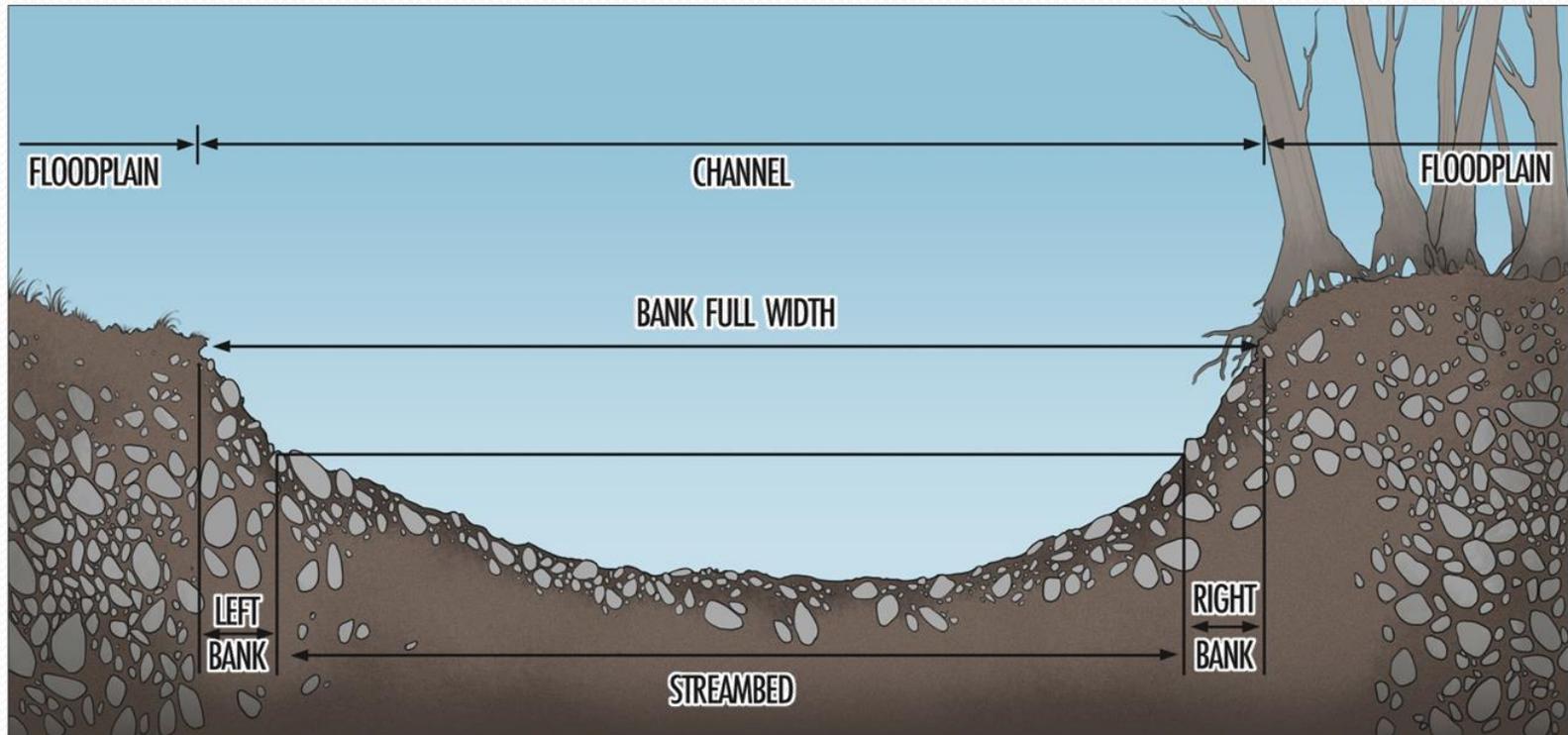
Stream Habitat Assessment

Assessing stream and riparian conditions

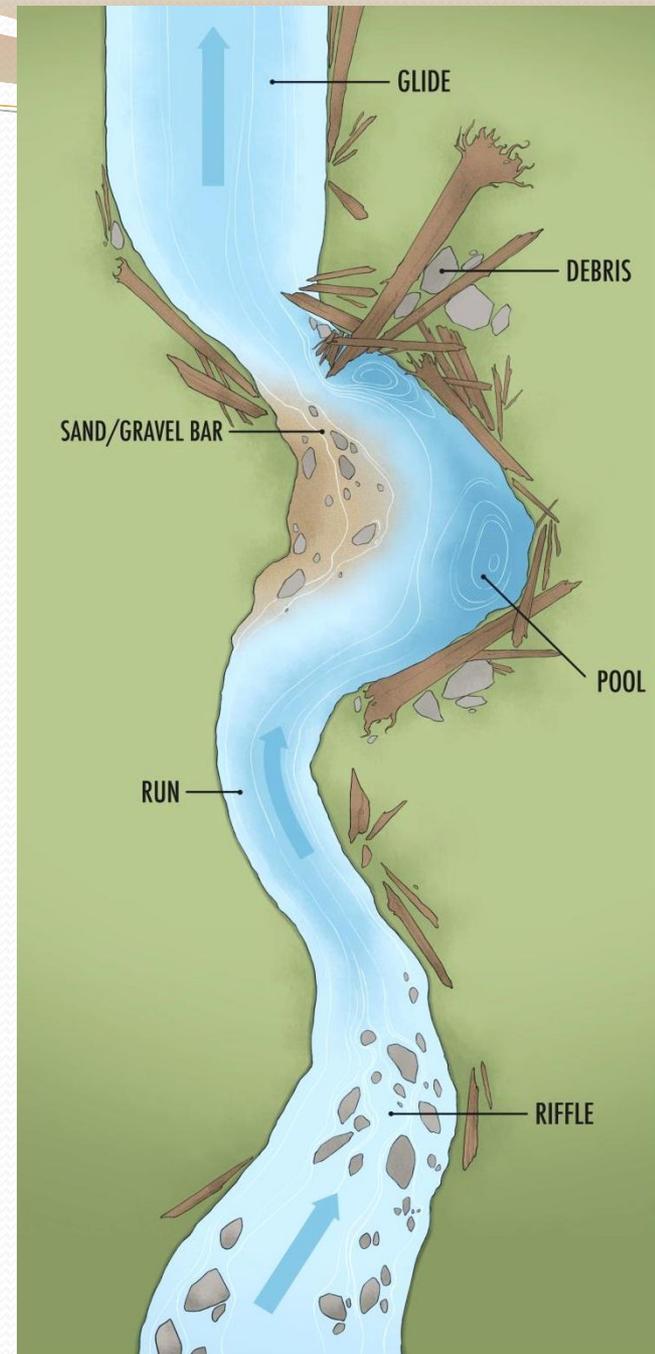
Stream Habitat Assessment

- Conducted yearly
- Document all observations
- Pictures, pictures and more pictures!

Transect

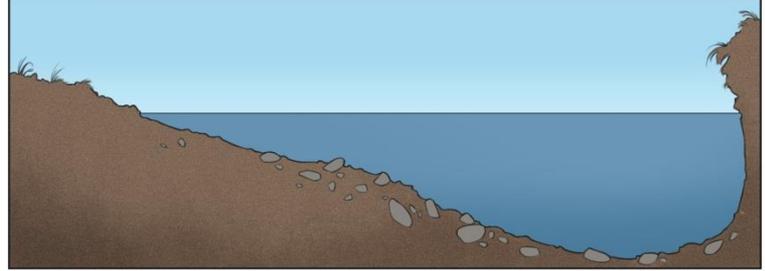


Stream Reach

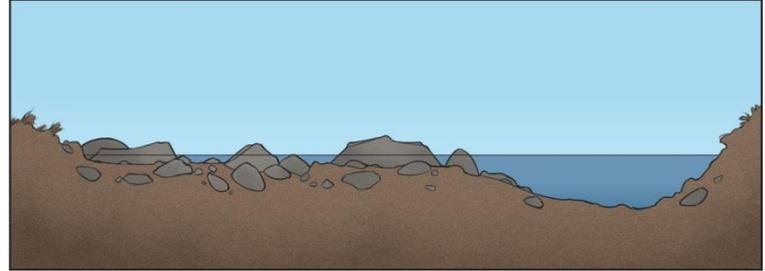


Stream Habitat Type

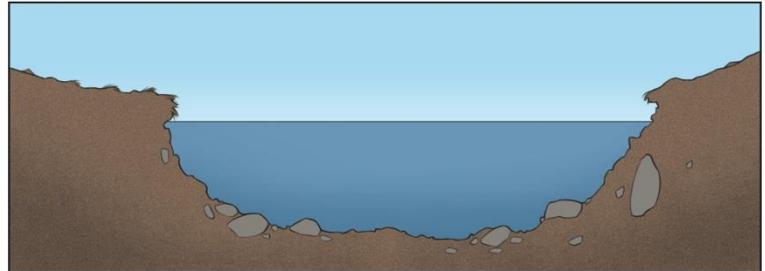
POOL



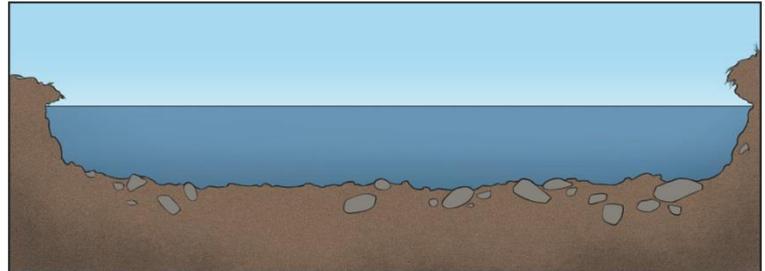
RIFFLE



RUN



GLIDE



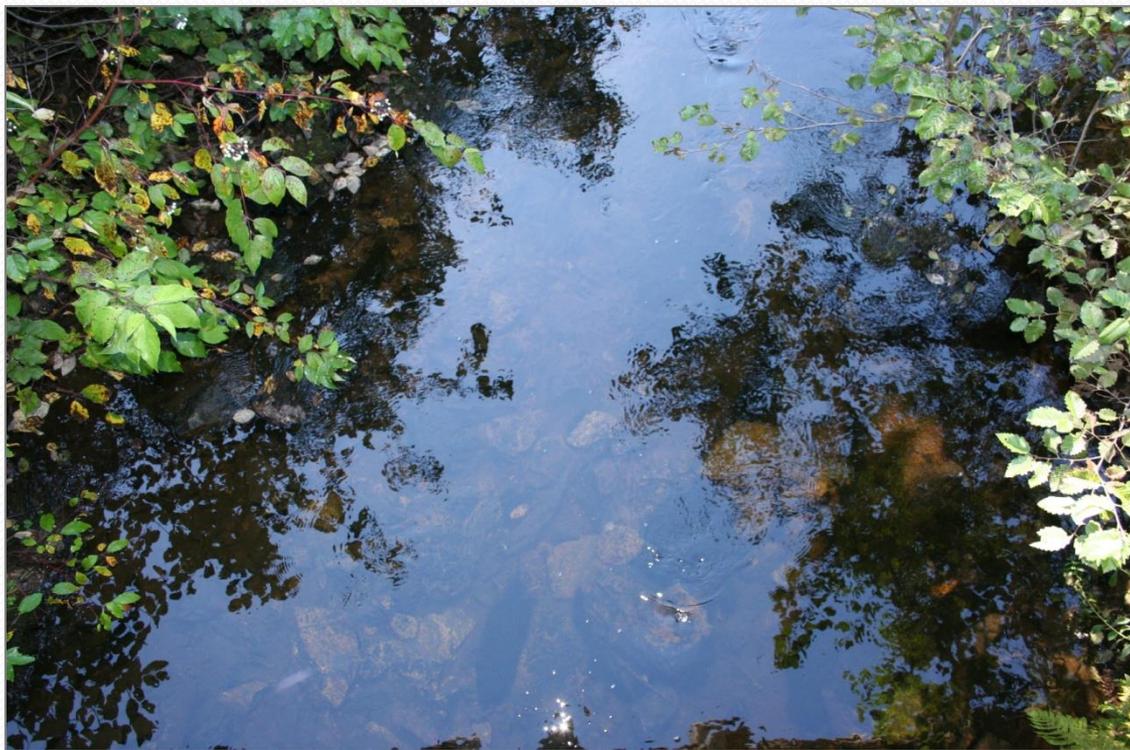
Riffle



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Run



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Pool



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Glide



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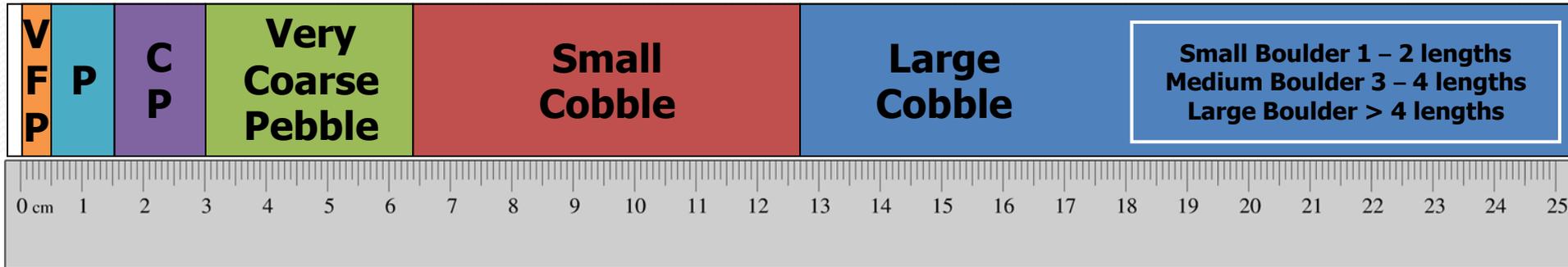
Streambed Substrate

- Embeddedness

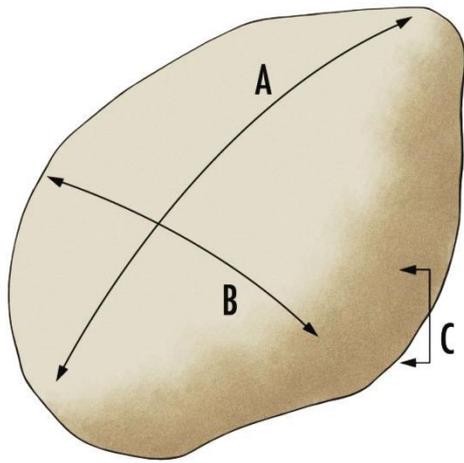


Pebble Count Survey

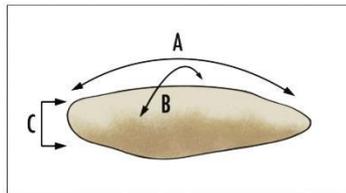
The Wolmanator (DEQ)



Pebble Count Survey



A: LONGEST AXIS (LENGTH)
 B: INTERMEDIATE AXIS (WIDTH)
 C: SHORTEST AXIS (THICKNESS)



SIDE VIEW

Wolman pebble count (at transect)

Size class	Dimension	In wetted	Out wetted
Silt/Clay	0—1 mm	_____	_____
Sand	1.1—2.5 mm	I	
Very fine pebble	2.51—6 mm		
Pebble	6.1—15 mm		_____
Coarse pebble	15.1—31 mm		_____
Very coarse pebble	31.1—64 mm		_____
Small cobble	64.1—128 mm		_____
Large cobble	128.1—256 mm	_____	_____
Small boulder	256.1—512 mm	_____	_____
Medium boulder	512.1—1024 mm	_____	_____
Large boulder	1024 mm and larger	_____	_____
TOTAL		_____	_____

Streambanks

- A stable stream bank is a sign of a stable stream



Eroded Cut Bank



Vegetated Cut Bank



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Sloping Bank



Sand/Gravel Bar



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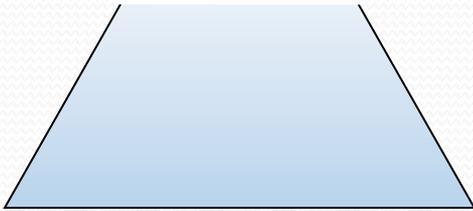
Rip Rap



Constructed Bank



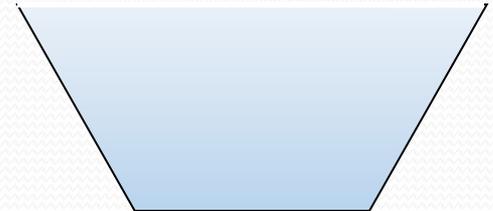
Channel Shape



Trapezoidal

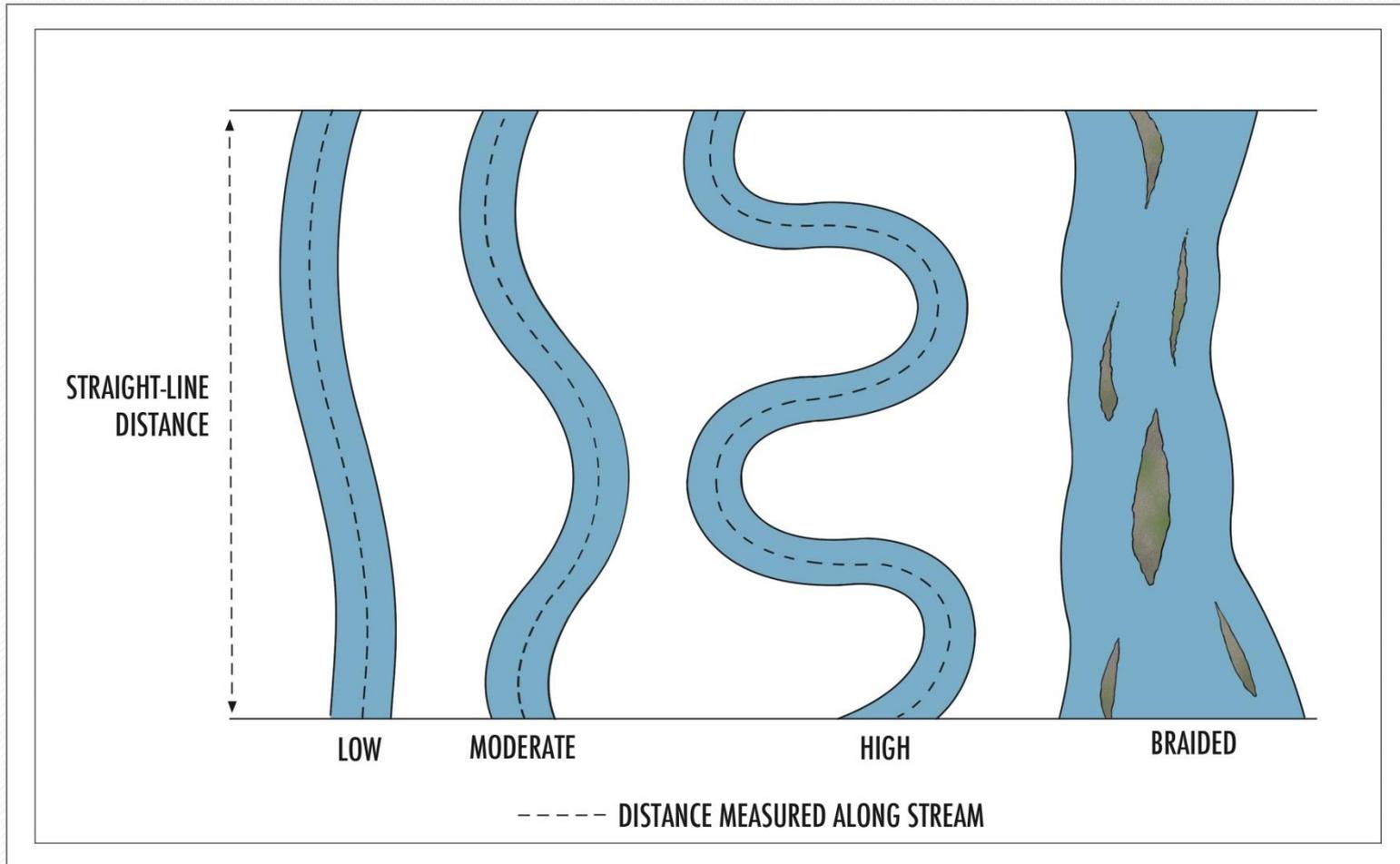


Rectangular



Inverse
Trapezoidal

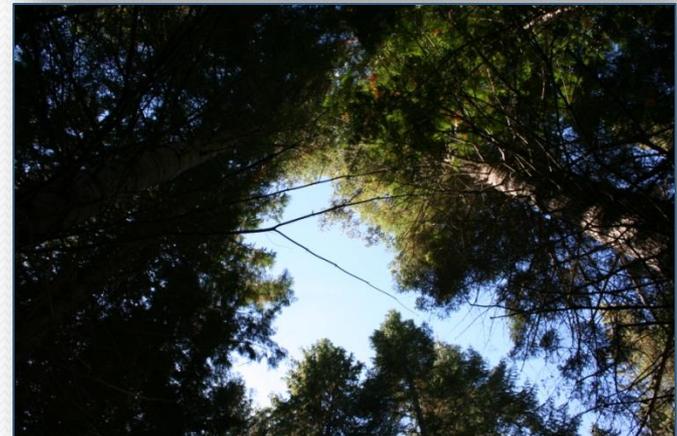
Stream Sinuosity



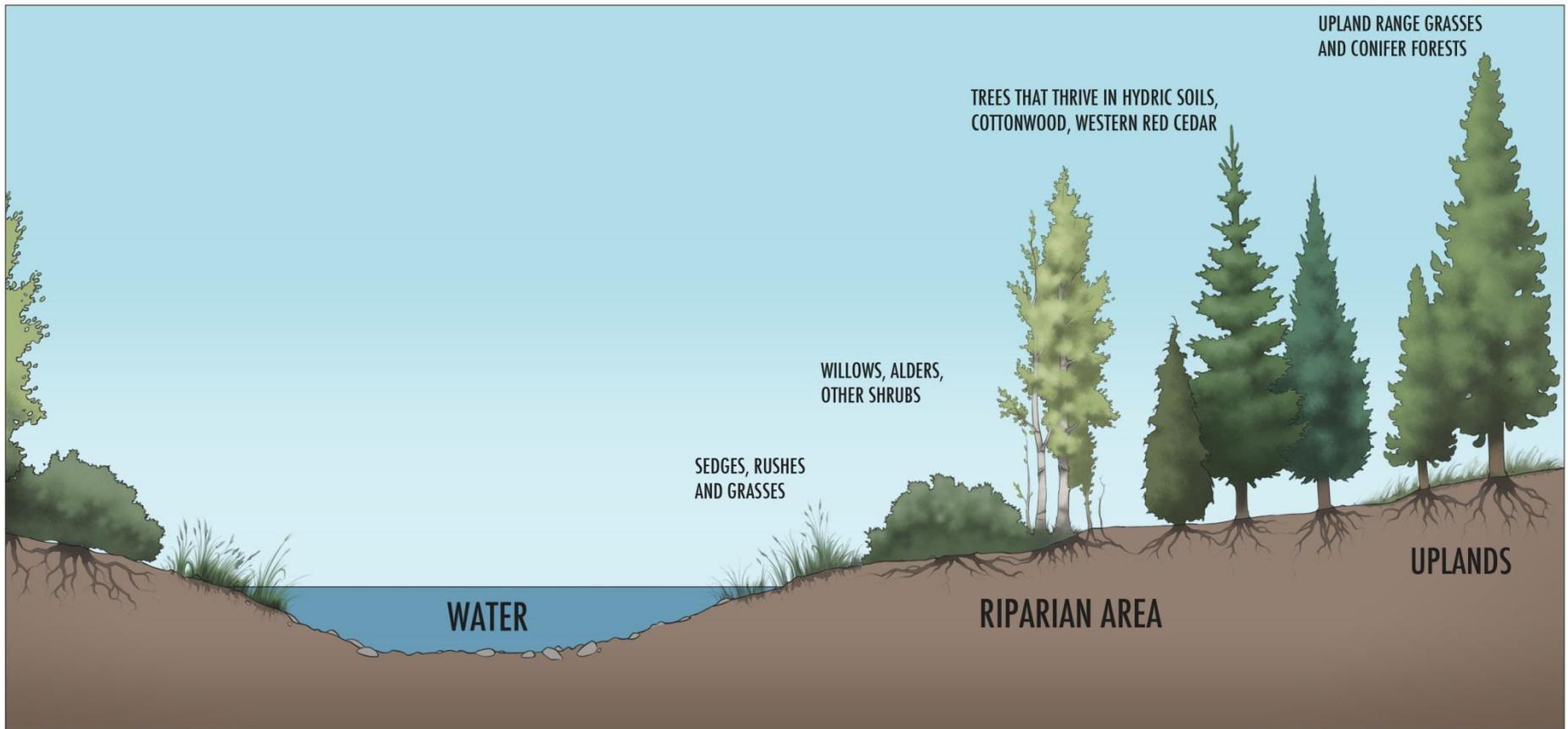
Micro-Habitats



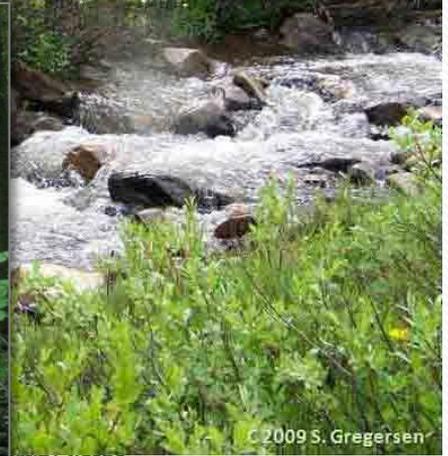
Canopy Cover



Riparian Zone



Riparian Zone Plant Cover



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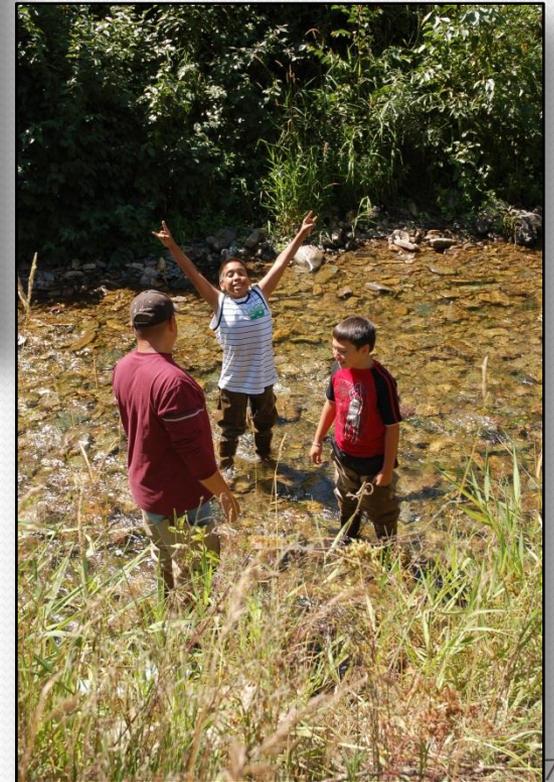
Adjacent Landuse



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Human Use Activities

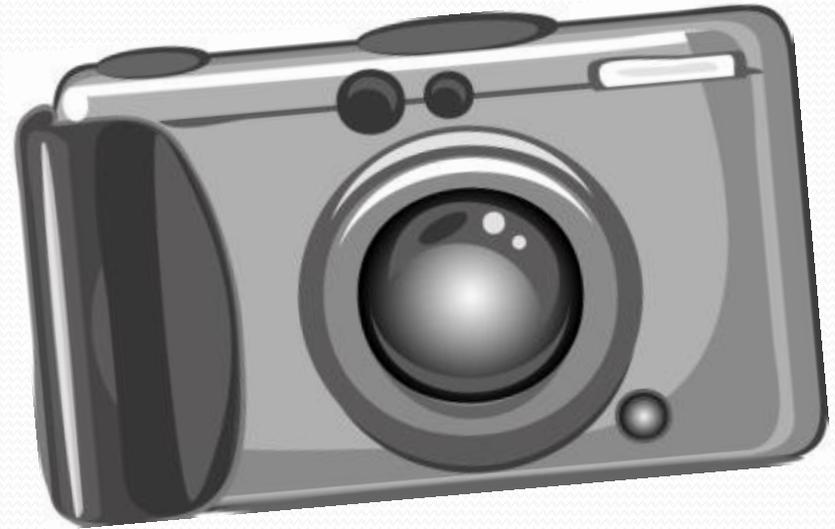


Evidence of Human Use



Photographs

- Upload onto database
- Details
 - Site number
 - Direction of photo (upstream/downstream)
 - Date



Questions?

