

Comparing different areas

(a) Abiotic data

Date and time site visited	
Weather conditions	

Site One	
Name of site	
Temperature of water (°C)	
Light in water	
Water pH	
Oxygen (%)	
Written description of vegetation (plants)	

Site Two	
Name of site	
Temperature of water (°C)	
Light in water	
Water pH	
Oxygen (%)	
Written description of vegetation (plants)	

Site Three	
Name of site	
Temperature of water (°C)	
Light in water	
Water pH	
Oxygen (%)	
Written description of vegetation (plants)	

(b) Biotic data

SPECIES	Feeding level	Habitat location (Frequency tally)			TOTALS
		1	2	3	
Alderfly larvae	C2				
Beetle larvae	C1				
Biting midge larvae	D				
Blackfly larvae	D				
Cased caddis fly larvae	H				
Caseless caddis fly larvae	H/C1				
Damselfly nymph	C2				
Diving beetle	C2				
Dragonfly nymph	C2				
Flatworm	C1				
Freshwater clam	D				
Freshwater hoglouse	D				
Freshwater shrimp	D				
Greater water boatman	C2				
Leech	C1				
Lesser water boatman	H				
Mayfly nymph	H				
Mosquito larvae	D				
Non biting midge larvae	D				
Phantom midge larvae	C1				
Pond skater	C1				
Pond snail	H				
Ramshorn snail	H				
Rat-tailed maggot	C1				
Stonefly nymph	C1				
True worm	H/D				
Water beetles	C1				
Water flea	H				
Water mite	H				
Water spider	C2				
TOTAL NUMBER OF SPECIES					

H = herbivore (primary consumer)

C1 = primary carnivore (secondary consumer)

C2 = secondary carnivore (tertiary consumer)

D = decomposer / detritivore