

**Water (eDNA)**

Vertebrates  
Mussels  
Crayfish  
Bacteria  
& more



**Single species (qPCR)**

qPCR confirms the DNA is present

**Bulk invertebrates**

Insects  
Vertebrates



**Soil/sediment**

Soil fauna  
Bacteria  
Fungi



**Multi species (metabarcoding)**

High-throughput sequencing produces lists of many species

**Collect DNA sample**



**Extract DNA from sample  
Sequence the DNA**



**Match sequences to the species**

