

# A molecular toolset for biological recording

## DNA Barcoding

Individual Specimens: **What is this specimen?**

## DNA Metabarcoding

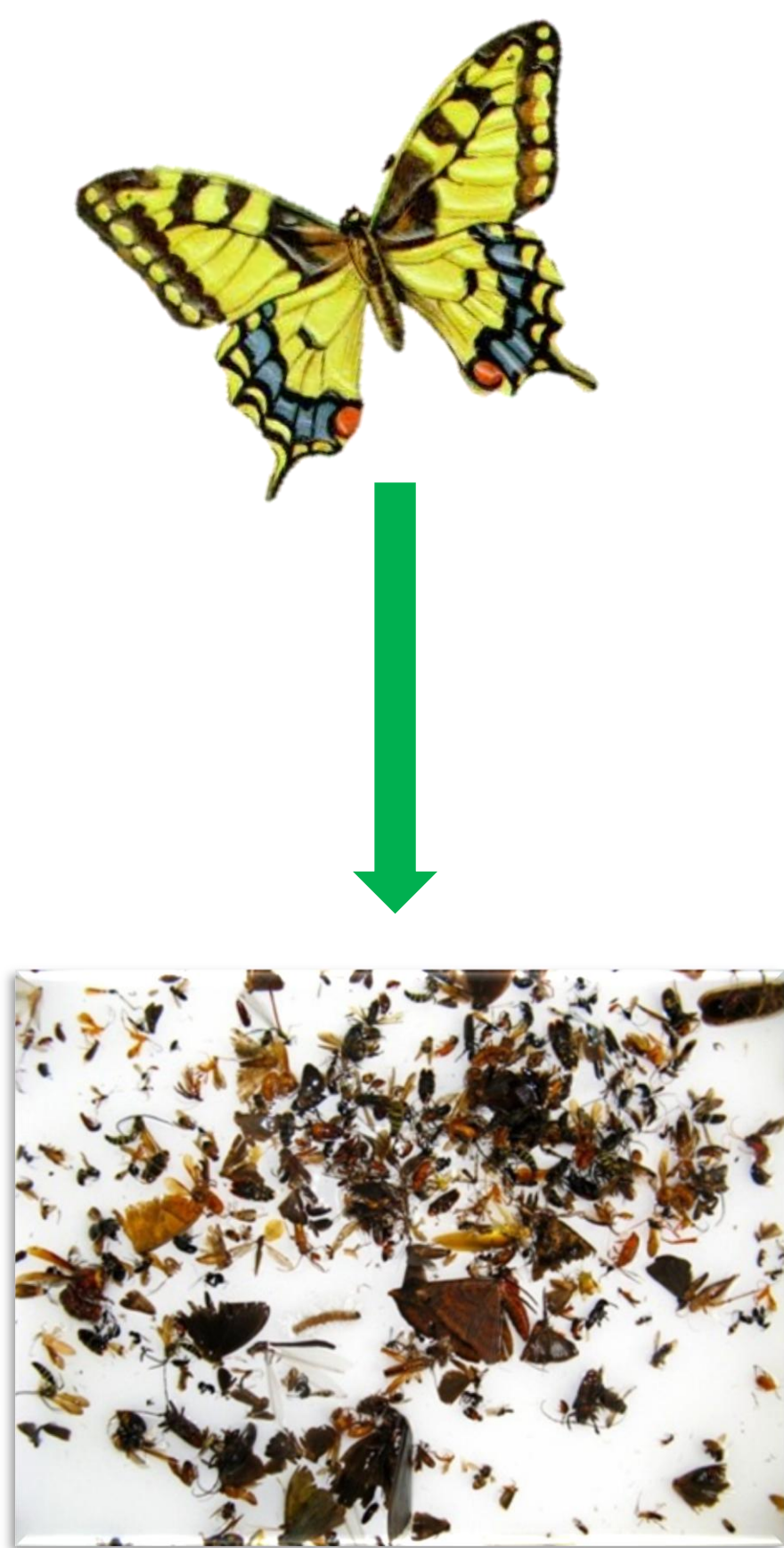
Unsorted collections: **What's in this sample?**

## Metagenomics

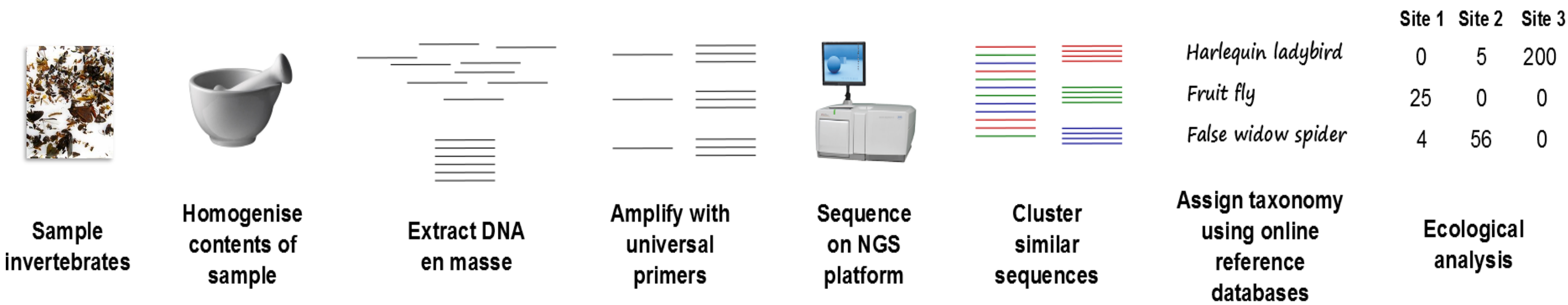
Unsorted collections: **What's here & how many?**

## Environmental DNA

Environmental samples: **Has X been here?**

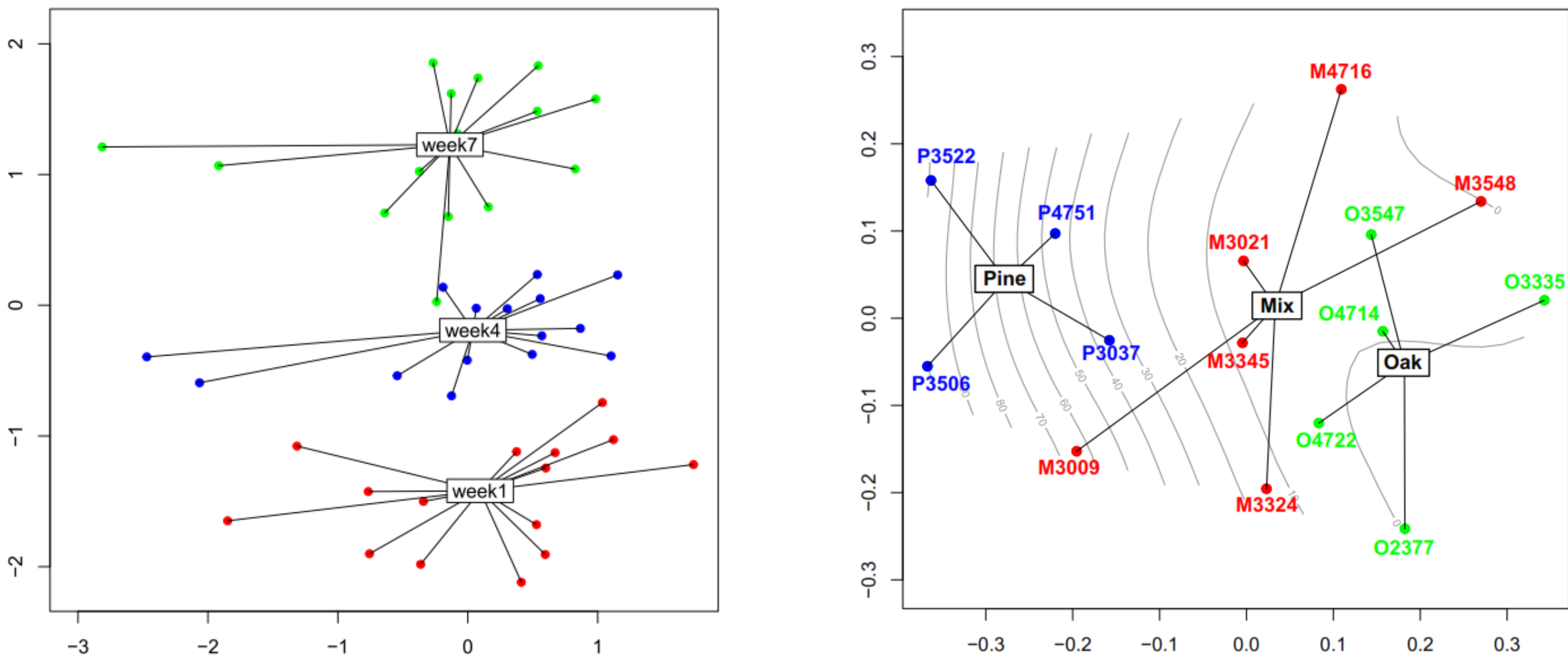


*High-throughput sequencing technology has revolutionised the scale of biodiversity information that can be obtained quickly and inexpensively*



*Track changes in whole communities across space & time, and link to management or environmental factors*

- Fast
- Cheap
- Reliable
- Verifiable



*Monitor distributions, habitat associations & responses of hard-to-identify species*

