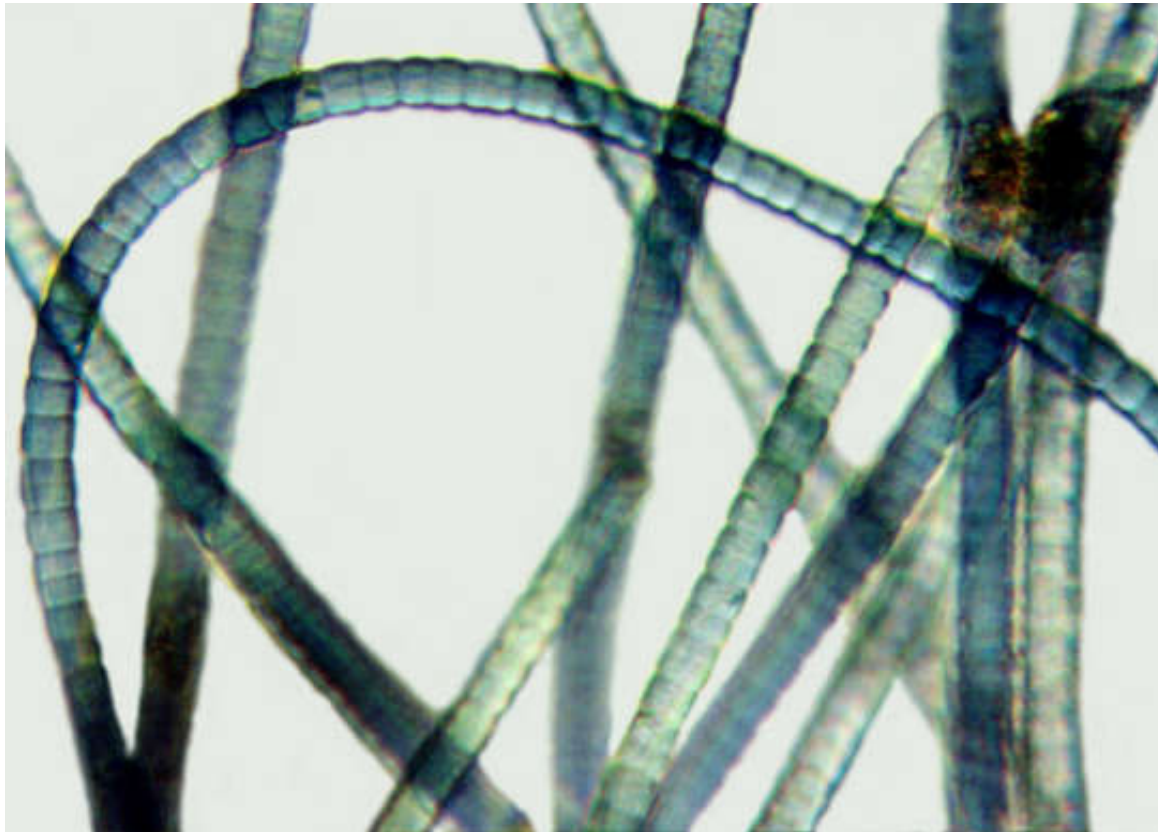


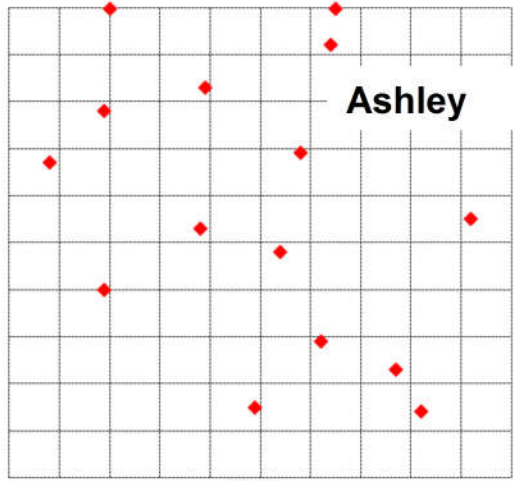
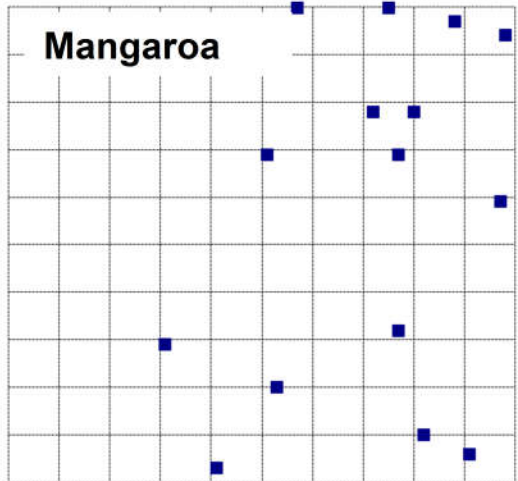
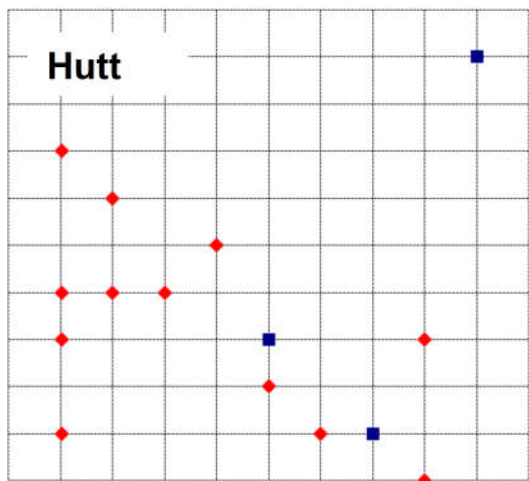
Toxic algae in the Hutt River



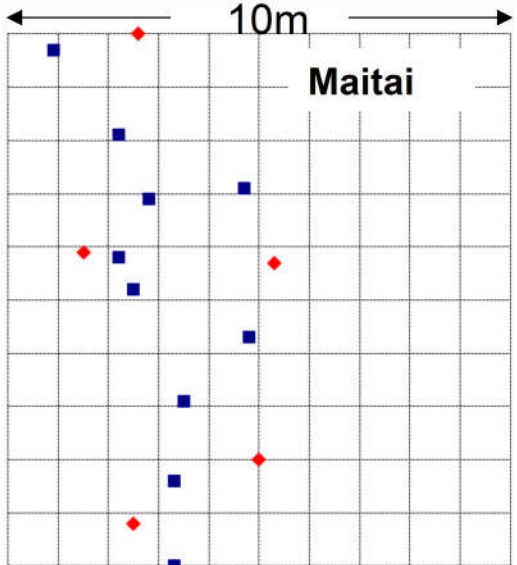
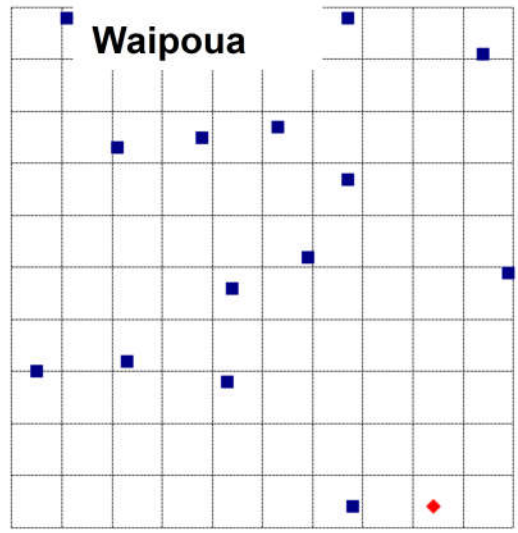
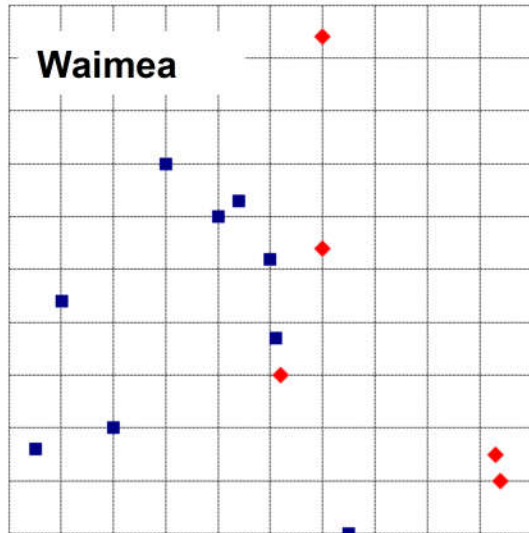
Laura Kelly

Ken Ryan

School of Biological Sciences
Victoria University of Wellington



↑
10m
↓

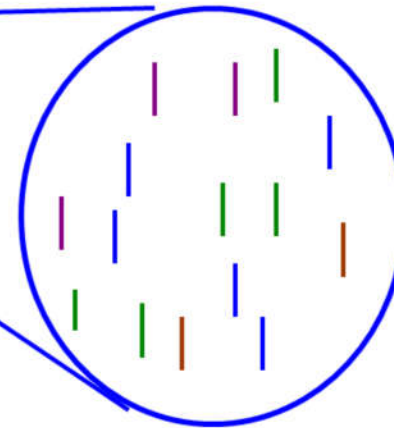
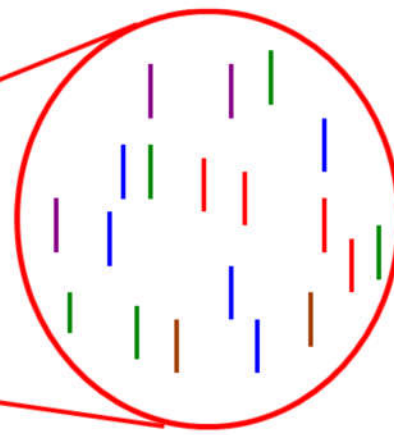
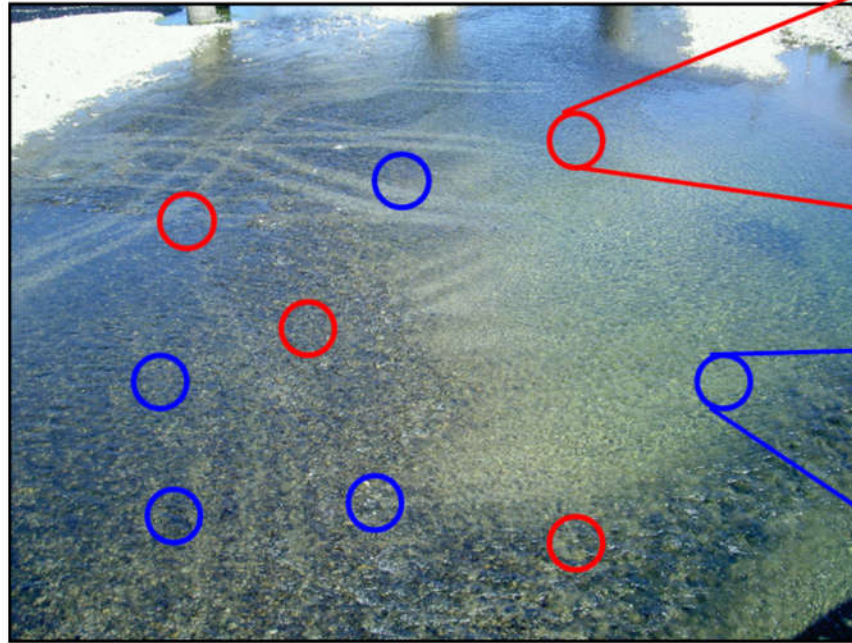


← 10m →

◆ Anatoxins detected

■ Anatoxins not detected

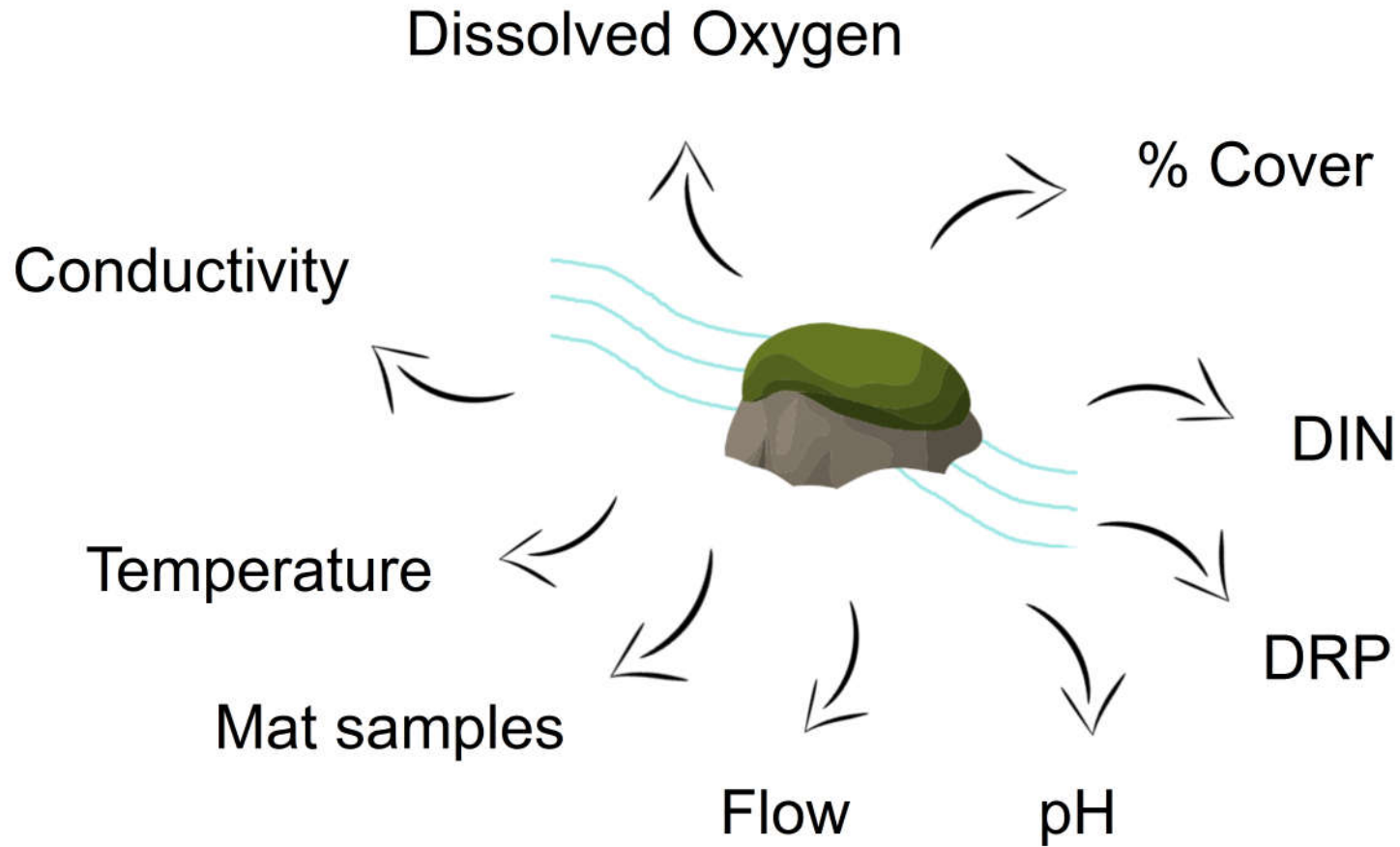
What makes *Phormidium* tick?



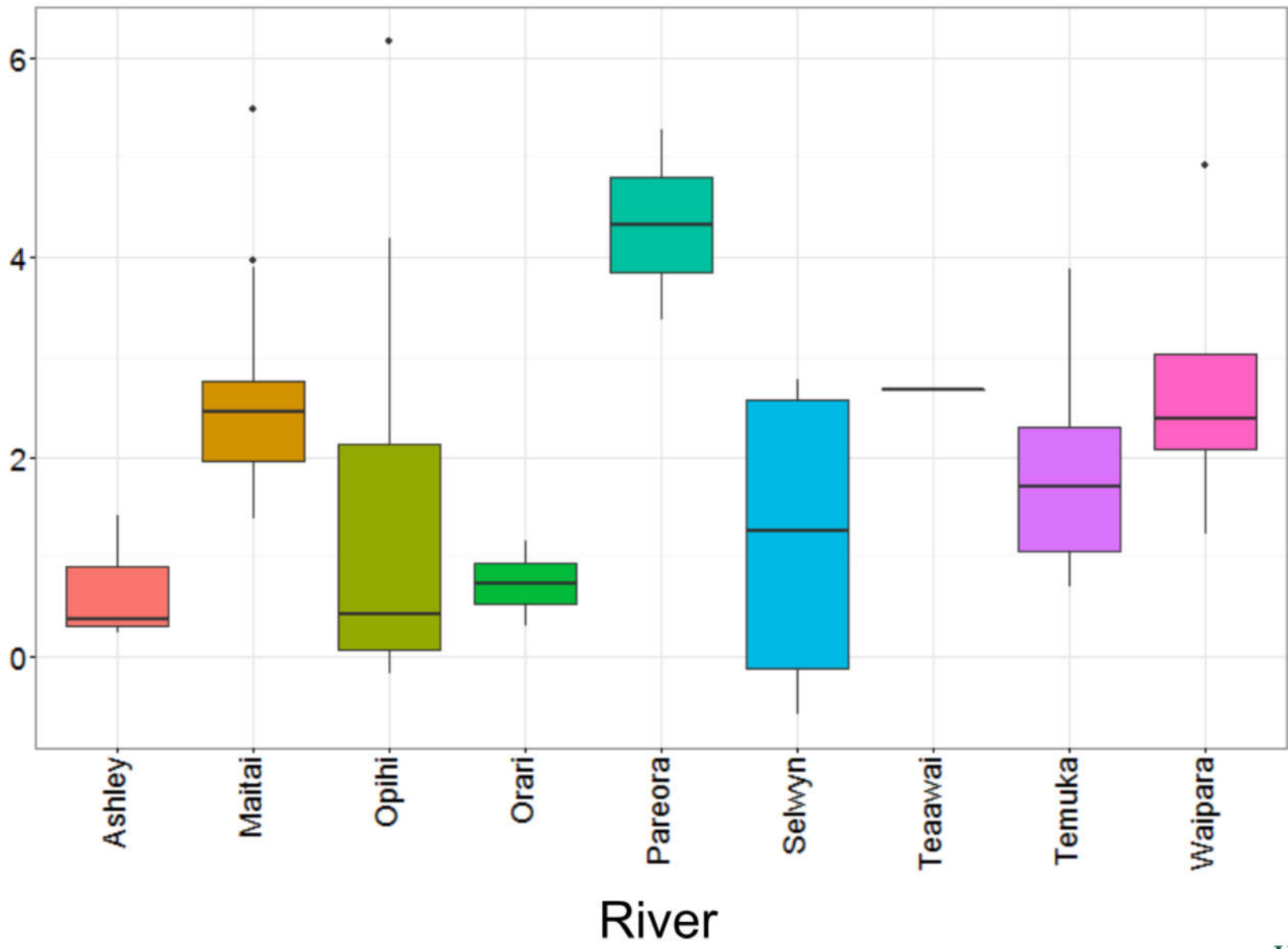
○ = Toxic ○ = Not toxic

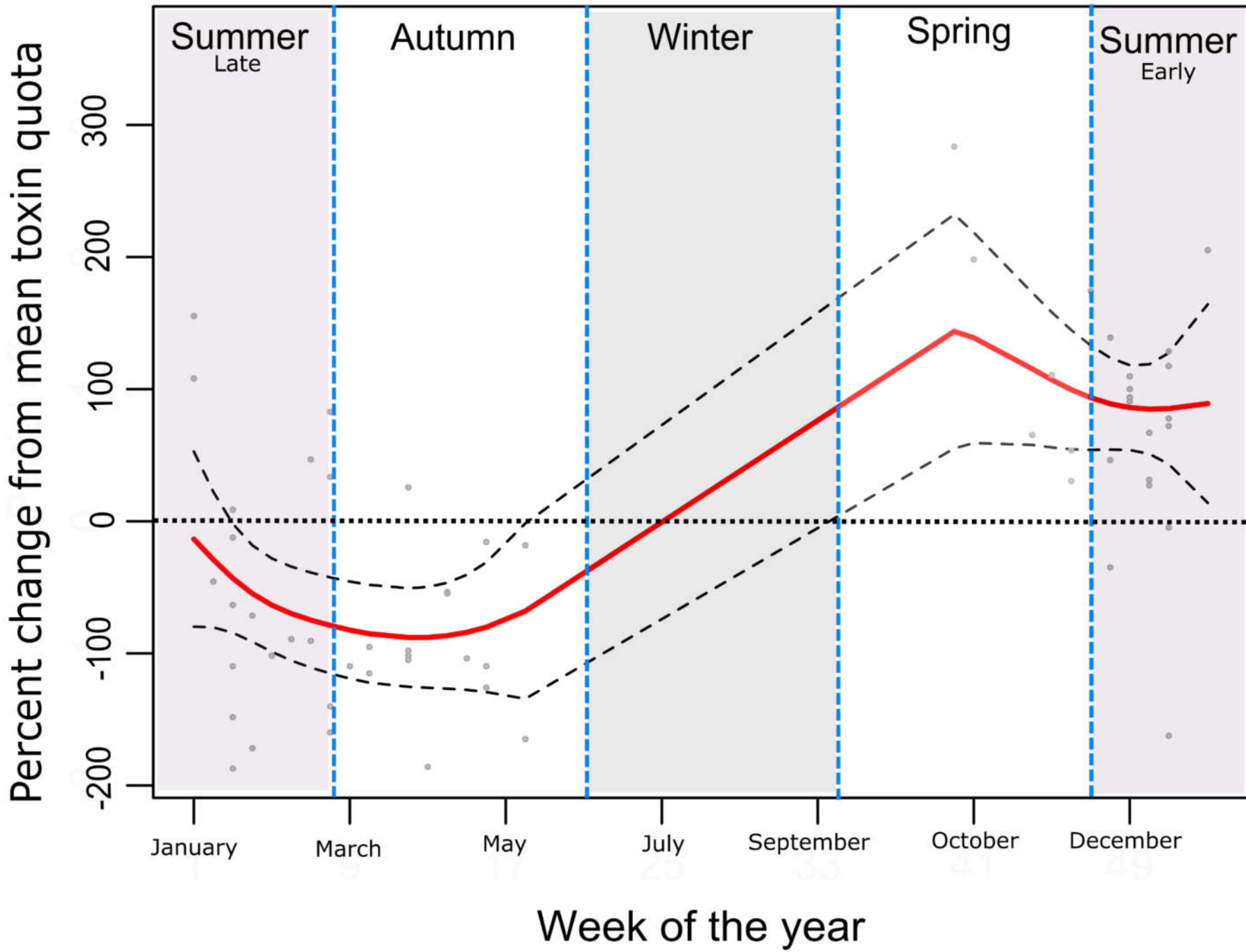
- Lots of different strains with slightly different DNA sequences
- Some strains toxic, others not toxic

Environmental Sample Collection



Amount of toxin per toxic cell (fg)





VICTORIA
UNIVERSITY OF WELLINGTON
TE WHARE WĀNANGA
O TE ŪPOKO O TE IKA A MĀUI



