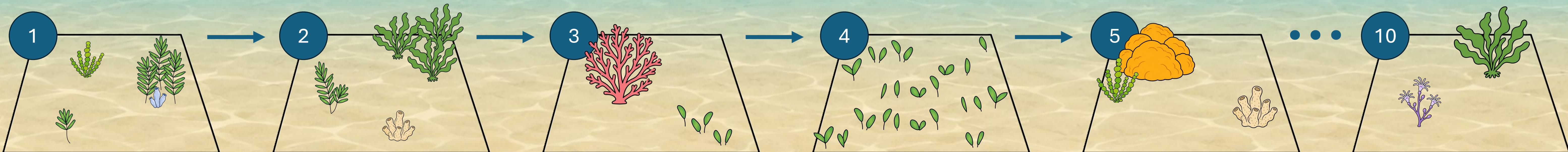
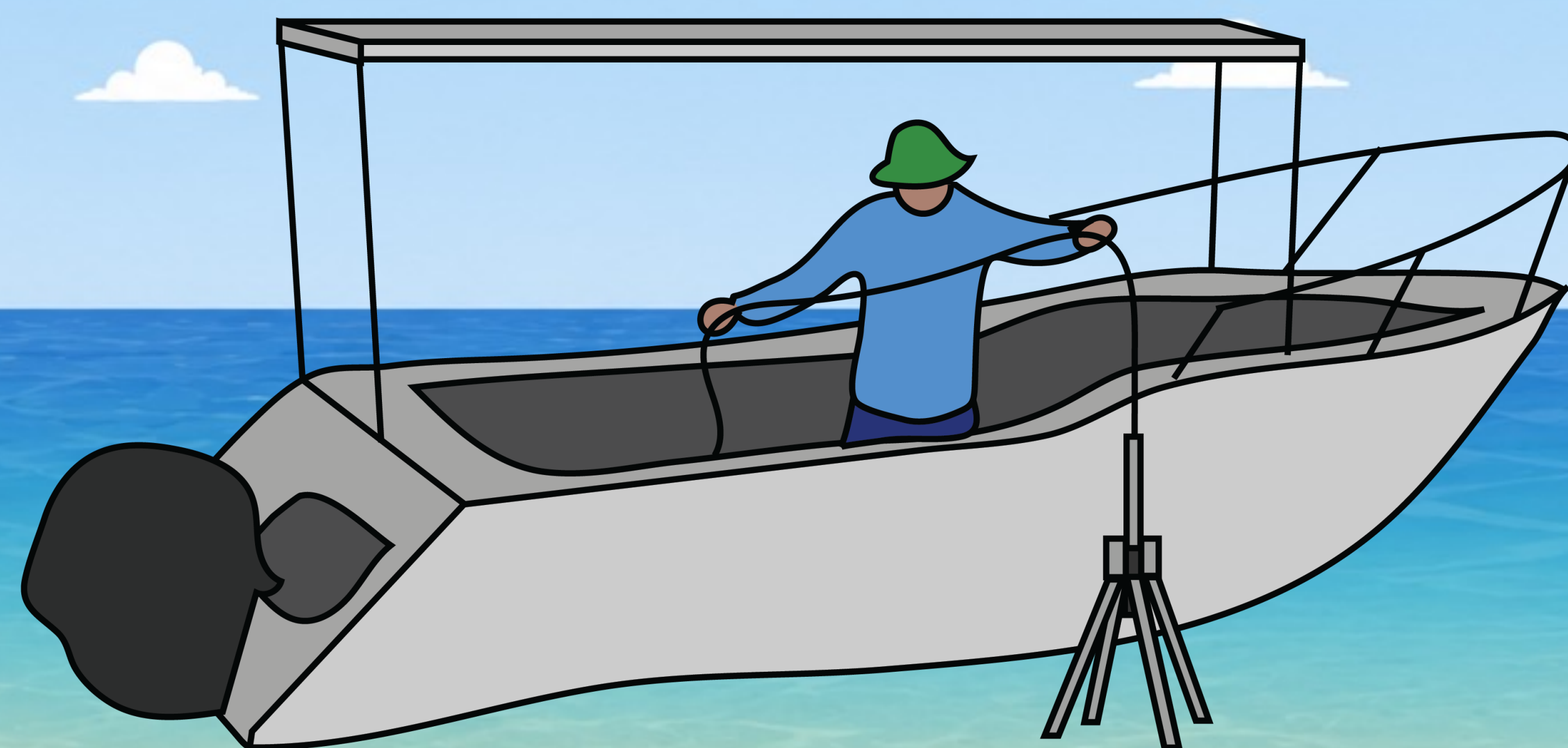
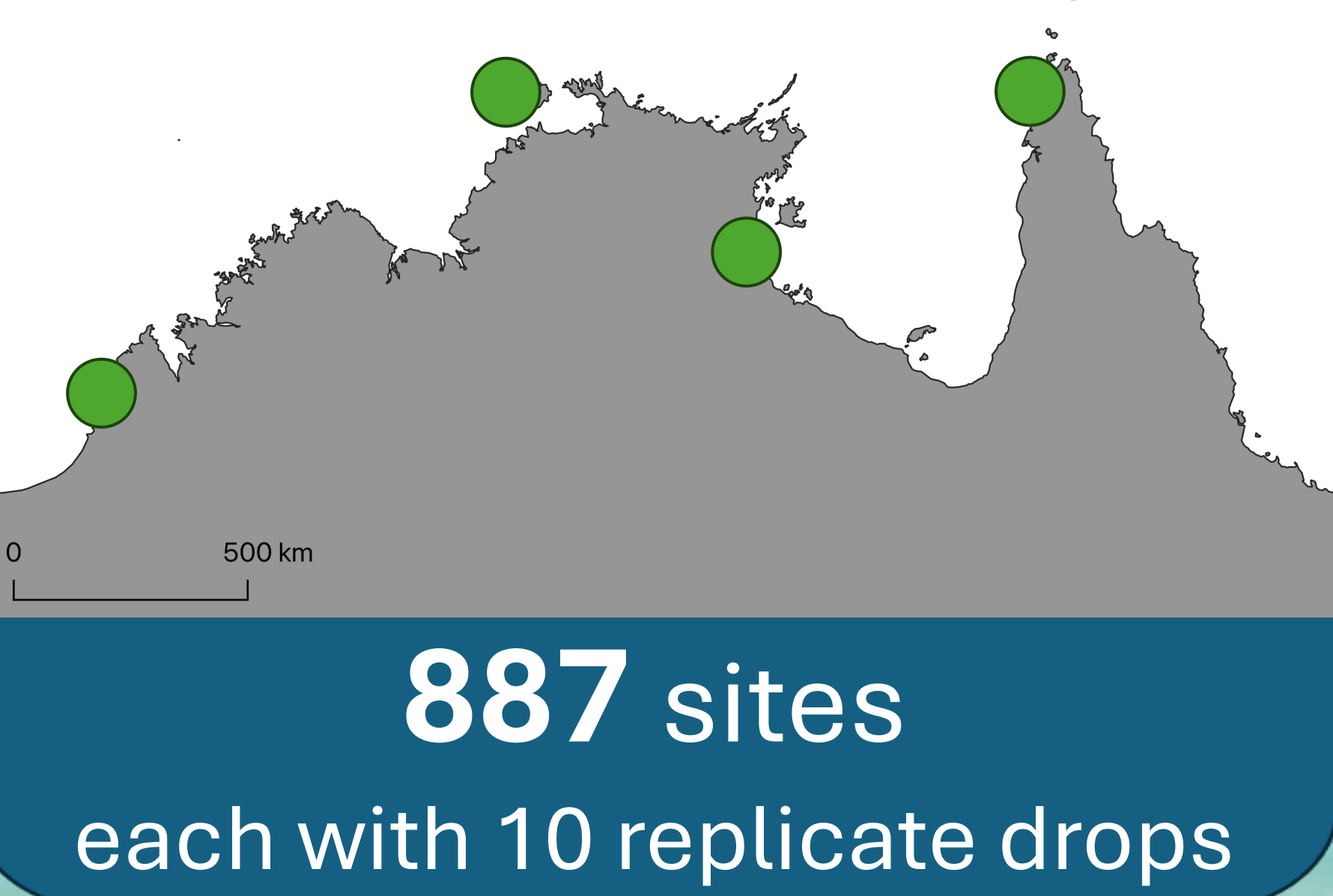
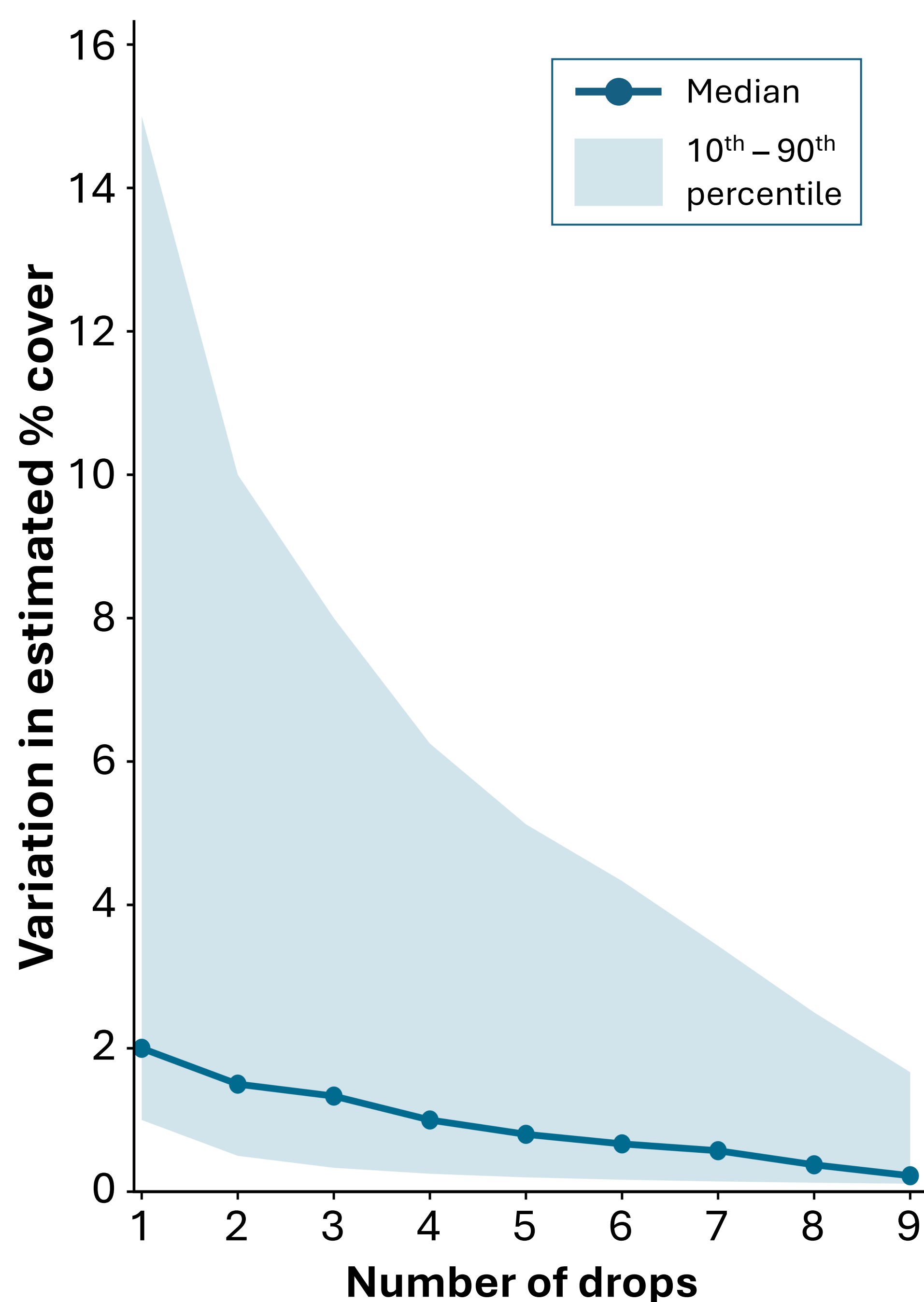


Study Regions



COVER ESTIMATION

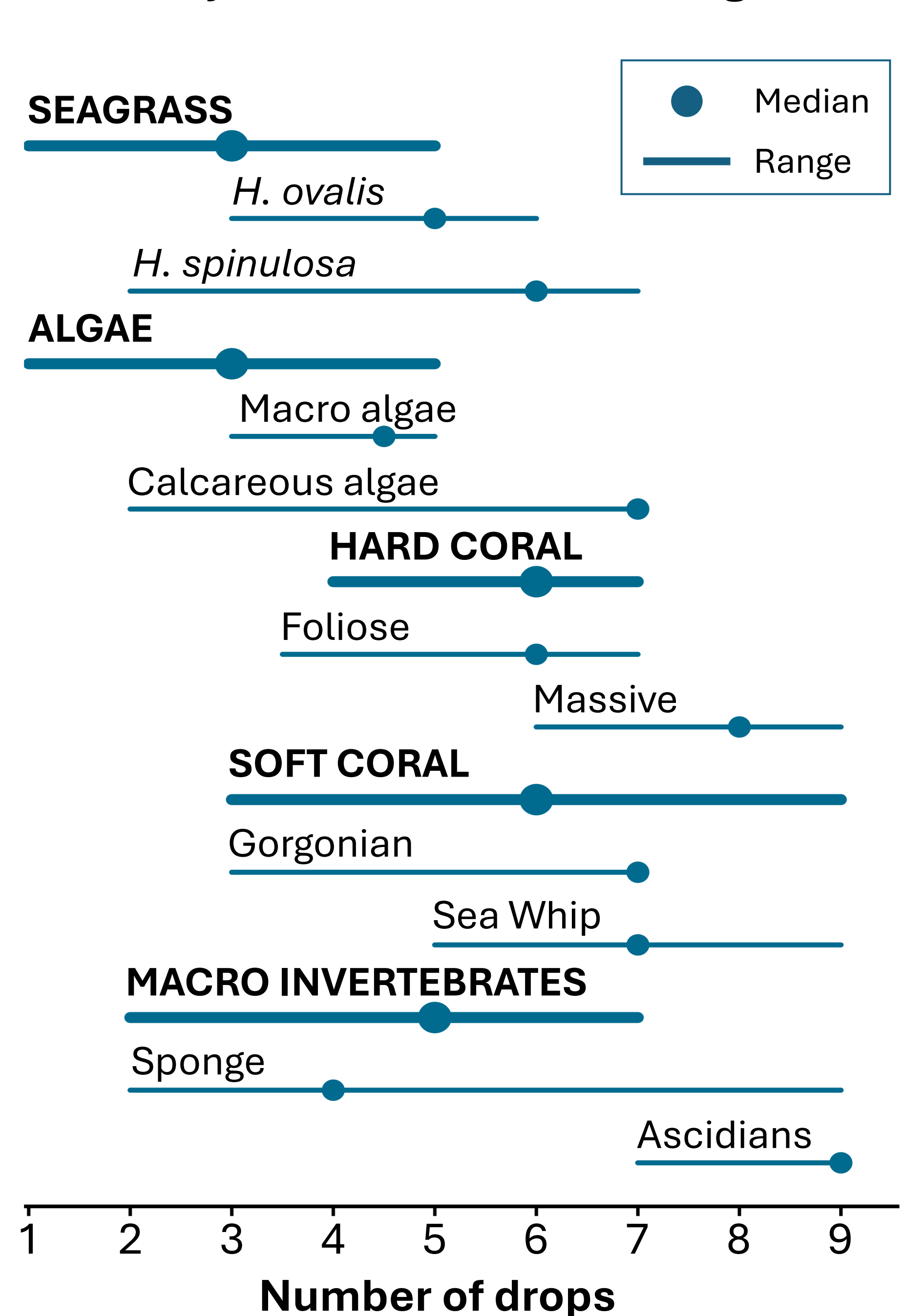
How many drops adequately estimate benthic cover?



Most improvements occur within the first 3-5 drops

DETECTION RELIABILITY

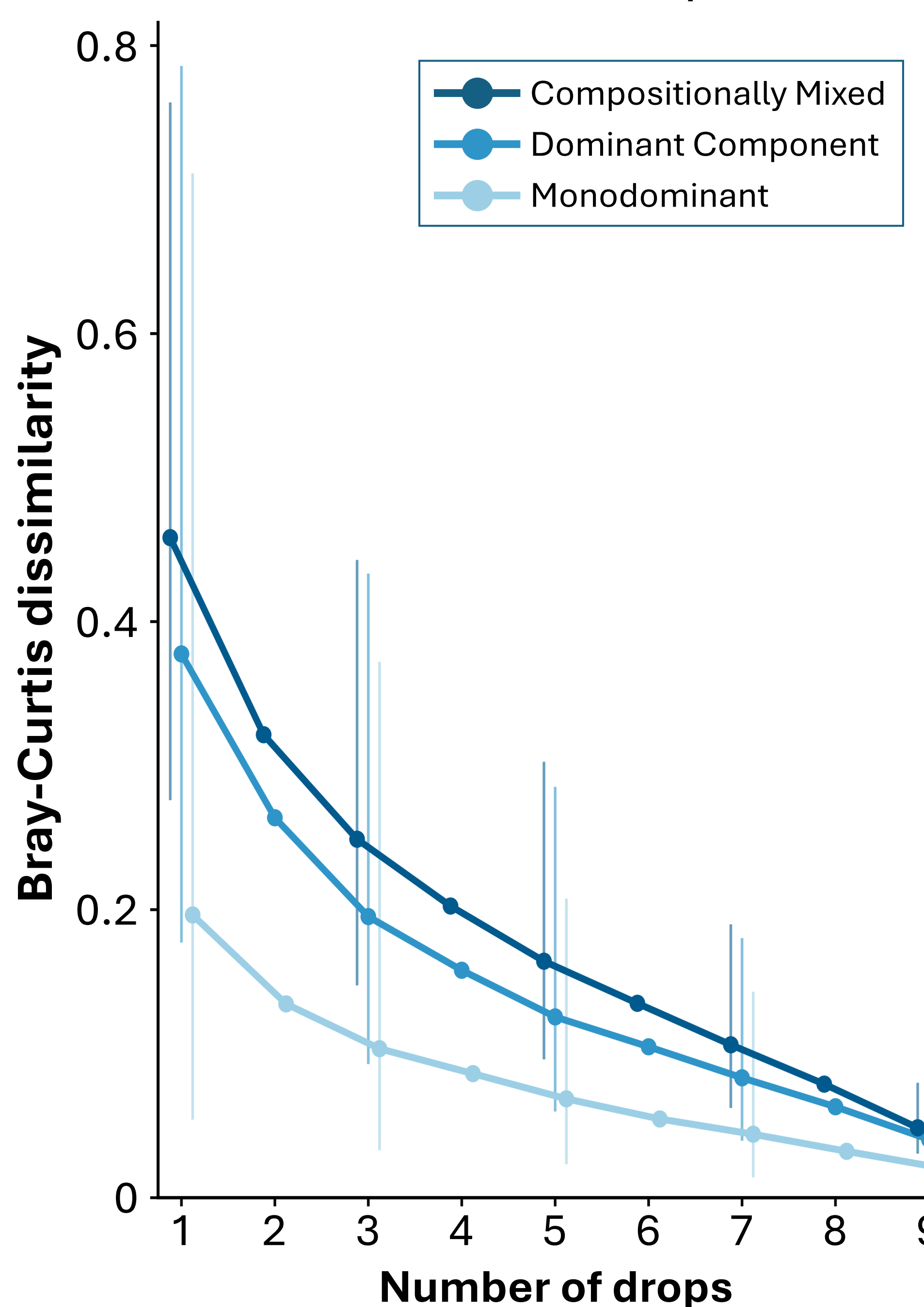
How many drops are needed to reliably detect benthic categories?



Broad benthic groups require fewer drops than finer-scale categories

BENTHIC COMPOSITION

How many drops adequately characterise benthic composition?



Compositionally mixed sites require more drops

HOW MANY DROPS DO YOU NEED?

What is your main objective?

Estimate benthic cover

Reliably detect benthic groups

Characterise benthic composition

Broad benthic groups

Finer-scale categories

3 – 5 drops

3 – 5 drops

7 – 9 drops

5 – 7 drops

RECOMMENDATIONS

3 – 5 drops

Broad habitat assessments

5 – 7 drops

Benthic community assessments

7 – 9 drops

Detailed benthic assessments

Match replication to the survey objective