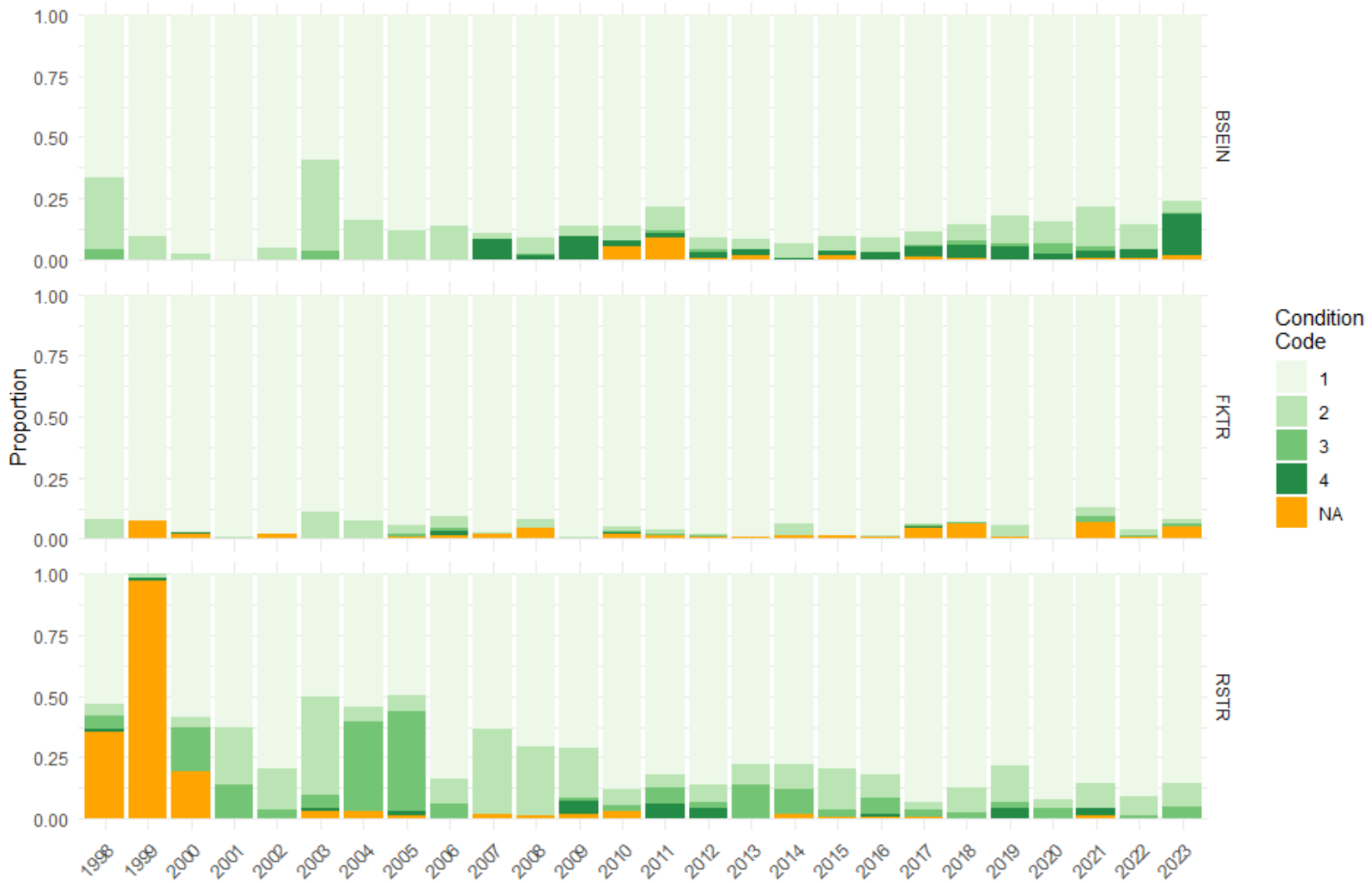
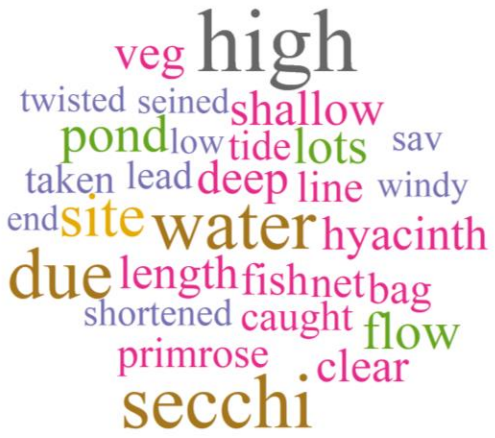
Data flags

Gear Condition codes by gear type



Patterns in field comments

Beach seine



Screw trap

Fyke trap

Patterns in field comments

Beach seine

- veg/hyacinth/primrose
- Seine shortened
- Net/bag
  - flipped/caught/twisted

Screw trap

- Cone not spinning/stopped
- Debris/log
- RPMs

Fyke trap

- Location of fyke in channel
- windy

General comments

- Secchi
  - Missing
  - Too clear for Secchi
- Sample compromised

Secchi

- Common comments:
  - Too deep for Secchi
  - Secchi not in truck

- Recommendations:
  - Write >1.2m (or whatever the max length of Secchi is) in the Secchi distance column.

Additional suggestions:
Add column during QA/QC before publishing for Secchi > or too clear
Add a dropdown in Access form – if this is chosen, back up database more frequently

Sample compromised

- Common comments:
  - Bucket tipped, lost 50% of sample
  - Live car opened, lost 25% of sample
- Recommendations:
  - Make these all GearConditionCode = 3 since CPUE is likely compromised
  - Keep 3s in the dataset since it is still useful for presence/absence

Seine pull condition

- Common comments:
  - Caught on rock
  - Bag flipped
  - Lead line came up
  - Stuck in mud
- Recommendations
  - Estimate the portion of the sample which is still viable for CPUE calc
    - Example: if stuck in the mud halfway through, then first part is compromised, but second part is good. In this case, shorten length by half and give condition code 2.

Estimating what is still viable for CPUE calc is generally done – might be worth adding to SOP? Or add to data sheet code side?

Sampling compromised by debris

- Common at the screwtrap
  - Trap spinning upon arrival? (RPMS)
  - When did blockage occur (low revs may indicate blockage soon after set)?
  - Type of blockage
    - Does veg versus log affect the trap efficiency?