

Node 4.3 West Coast demersal trophic model

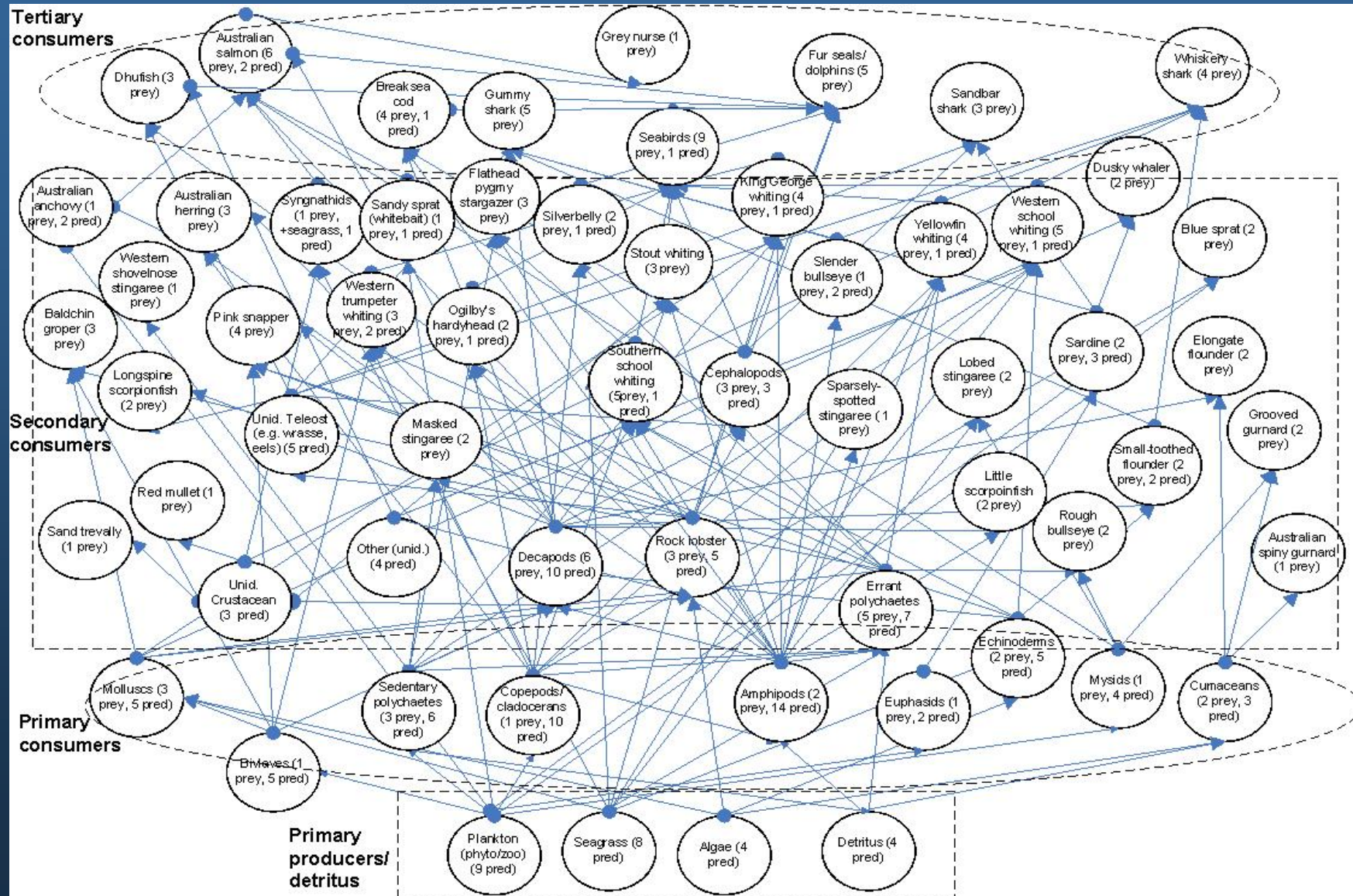
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4.3.1b Aims and expected outcomes

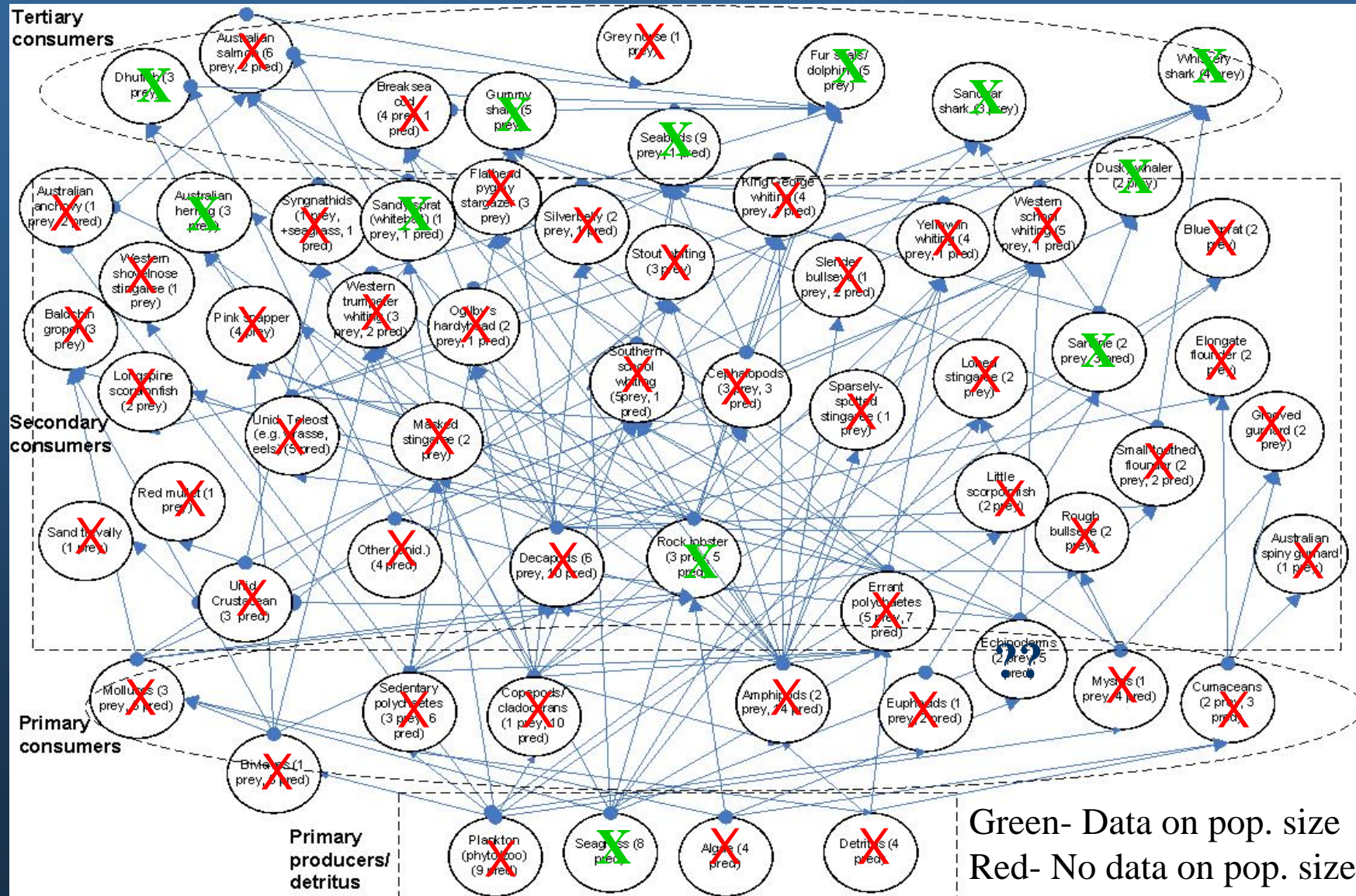
- Construct west coast demersal trophic web
- Identify data gaps and key trophic components
- Complement quantitative trophic studies



WC demersal trophic model



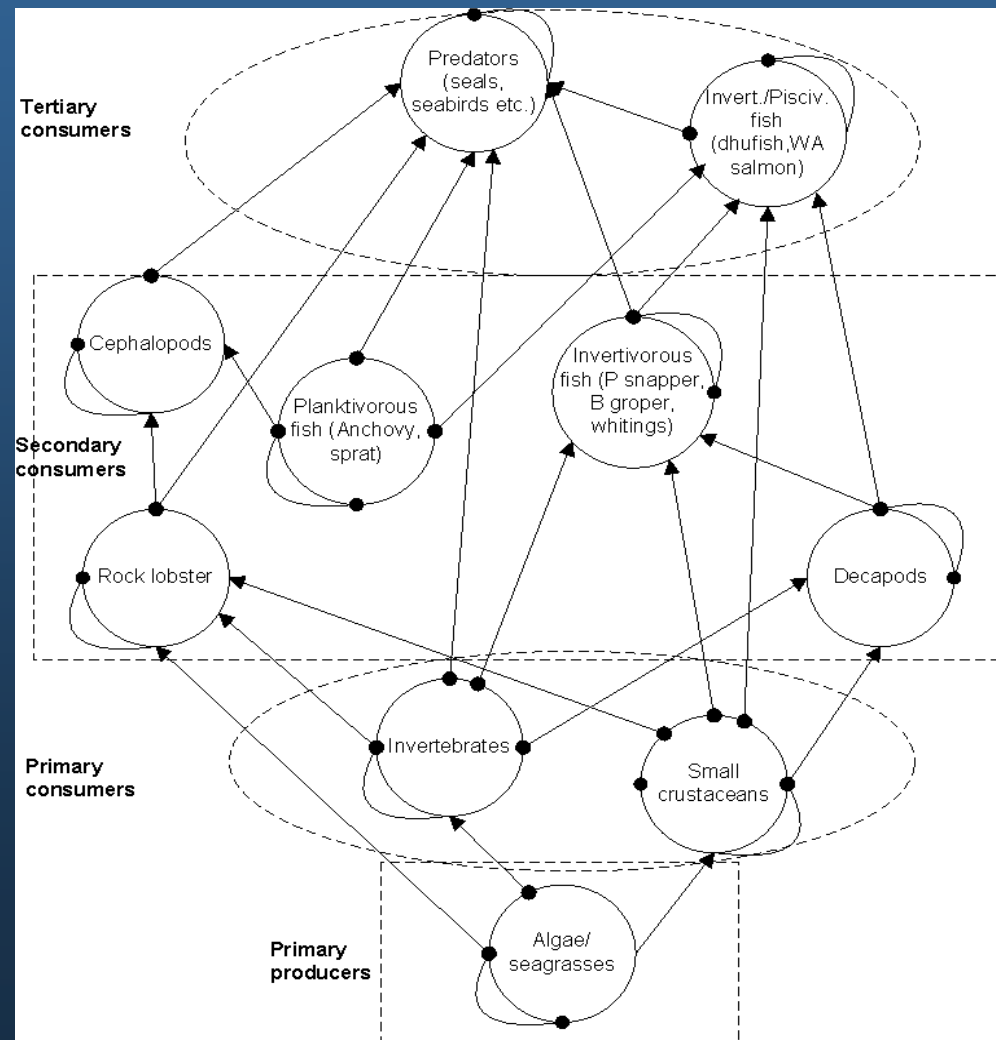
WC demersal trophic model



WC demersal trophic model

Simplified complex model by removing weak links and aggregating 'like' variables

Simplified
West Coast
demersal
model



Implications and further investigation

West Coast demersal model

- Can be used to identify indicators of change in trophic dynamics due to fishing and ecosystem change (similar to deepwater rock lobster model)
- Prioritise data collection to data gaps – increase efficiency
- Provide a guide for further quantitative studies