



**OCEAN
OBSERVATORY**
BERWICKSHIRE

Q1) What species is shown approaching the bait cage in this video? How do you know? (hint: use the ID guide to help)

- Velvet Swimming Crab
- Red eyes, grey-ish body with blue joints, paddle-like, striped back legs

Q2) What two species do you see on the rocks in this video?

- Dead Man's Fingers, Edible Urchin

Q3) What is the velvet swimming crab's nickname? (hint: it has two)

- Devil Crab or Fighter Crab

Q4) What is the deepest depth you might find a velvet swimming crab living at? What do you think the conditions might be like at this depth?

- 100m
- Dark, cold, high pressure

Q5) How do velvet swimming crabs hunt and catch their prey?

- Ambush, swimming and chasing with paddle-like back legs, sharp claws for catching, crushing and cutting

Q6) Draw a diagram on the back of this sheet and label the features that a velvet swimming crab uses to hunt. (hint: there are two key features)

- Crab with legs and claws labelled

Q7) How else do velvet swimming crabs feed?

- By scavenging, eating leftovers



Q8) What sort of skeleton does a velvet swimming crab have?

- Exoskeleton

Q9) How do velvet swimming crabs grow?

- Through moulting

Q10) Why are velvet swimming crabs vulnerable while they are growing?

- Soft shell underneath hard exoskeleton is exposed