

WHO EATS WHO

in saltmarsh and tidal flats

Food web and major processes

SALTMARSH

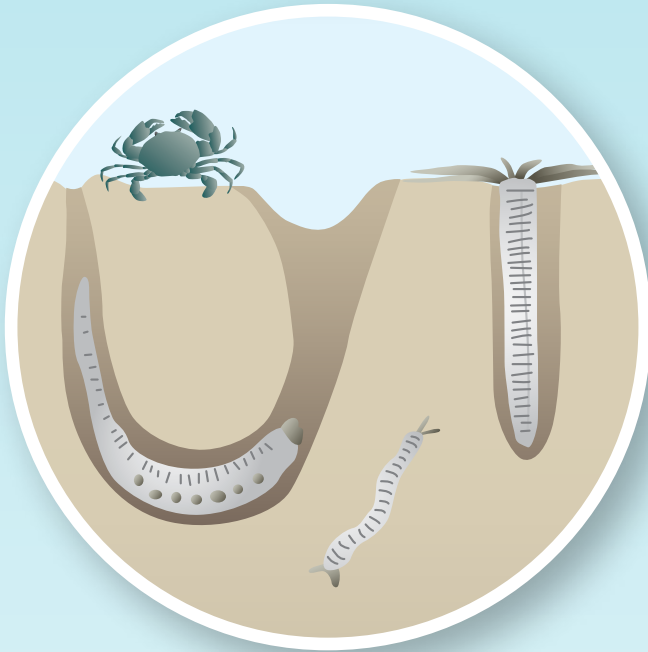
TIDAL FLATS



LOW TIDE



HIGH TIDE



eaten by

PRODUCERS



Plants use sunlight + water + minerals + carbon dioxide to make oxygen and sugar = food for plant eaters



eaten by



Invertebrates feed on plant matter turning it into detritus

Transport of detritus (decomposing plant matter, algae and silt) from saltmarsh to tidal flat by:

1. Flushing by high tides and storms

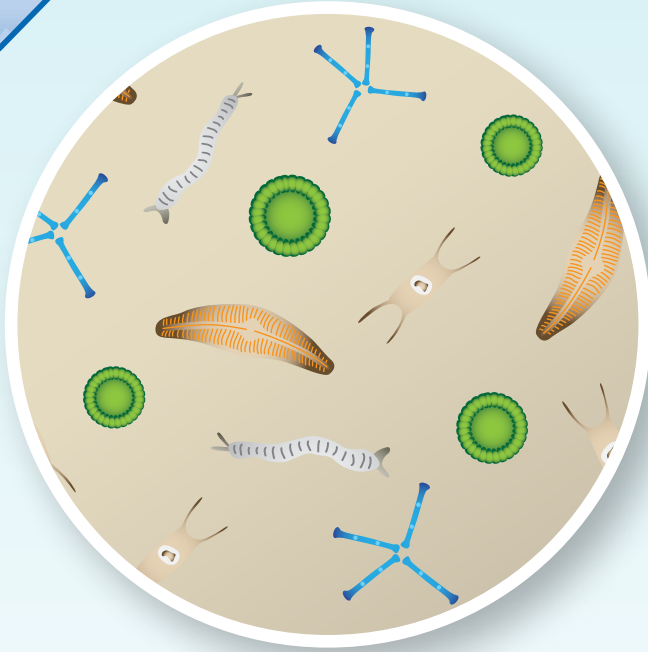
2. Runoff from land through creeks and floods

3. Seepage in sediment



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PRODUCERS



Microalgae use sunlight + water + minerals + carbon dioxide to make oxygen and sugar = food for plant eaters

Deposition of nutrients from estuary by waves and tide



CARING
FOR
OUR
COUNTRY



Derwent Estuary
Program