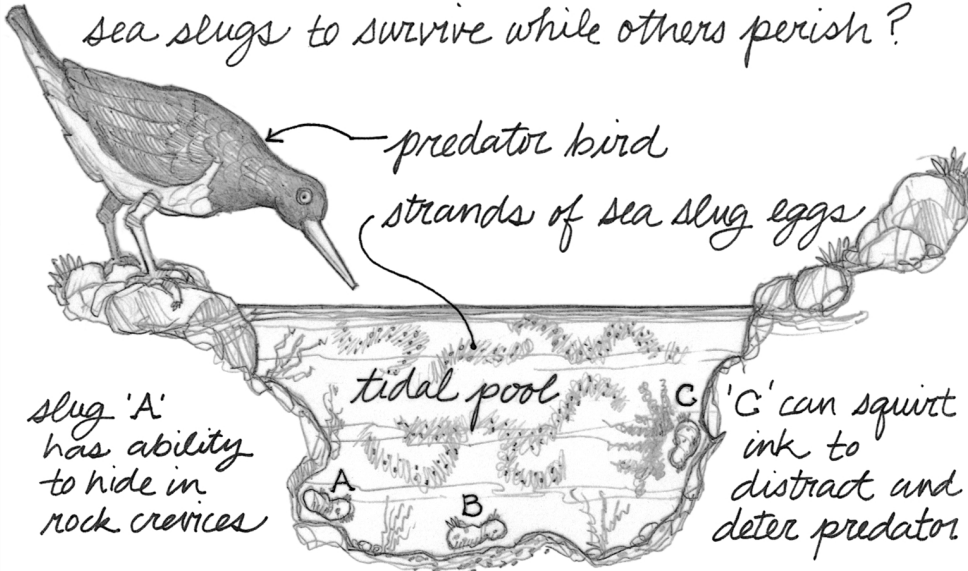


April 1833

Coast of Patagonia

What variations would enable some sea slugs to survive while others perish?



slug 'A' has ability to hide in rock crevices

predator bird

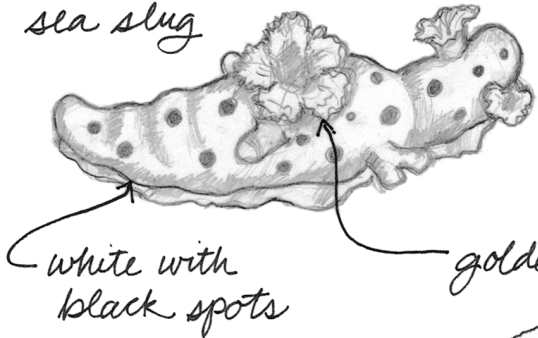
strands of sea slug eggs

tidal pool

'C' can squirt ink to distract and deter predator

'B' has mottled pattern which blends with sandy bottom of pool

adult white doris sea slug



only seven adults in a pool which contains more than 600,000 eggs

white with black spots

golden yellow gills

**Clue No. 4**  
 The individuals that are best able to compete in the struggle for life pass on their survival abilities to their offspring. Individuals that are less able to compete often die before they have offspring. Soon, the only individuals left are those that have inherited the ability to compete most effectively for food or space or safety.