

**S100: Science: a foundation course**  
**S100/19: Natural selection**

**Executive Producer: Nat Taylor**  
**Director: Jim Stevenson**  
**Contributor in the clip: Peggy Varley**

**Clip transcript: Success in evolutionary terms.**

**Peggy Varley:**

Success in evolutionary terms involves the ability to reproduce, to pass on one's genes to the next generation. If an animal has wonderful adaptations they're wasted if it doesn't breed with another member of its own species. So it's important that an animal ready to breed should be able to recognise other individuals of the right species and of the right sex and not get involved with animals of different species.