The Life of a Plant

- Reproductive Biology
 - -sex chromosomes
- Developmental Biology
 - -embryogenesis
 - -seed biology

Dioecious

male and female -> on different individuals

Bisexual

Male and female on same plant

- Figure 10.3 pollen lands on stigma and rertilization occurs.
 Sporopollenin protection of and is very dynamic and indicative for tens of thousands and control or dants and control or dants and control or dants and control or dants. survive for any of thousands over s. There's lots of different structures
- Peat represents bog moss. Spruce will be present 5-6 metres deep which represents is being 10,000 years old. 10,000 years ago pollen, spruce forms later on.
- Humming bird- picking up pollen from anthers. Easier on the short styled plants than on the longer styled plants. Does this distinction between species enhance the ability of plants to out-corss and does it increase chances of survival? [Darwin's speculations]

Compatibility / Incompatibility

- Are genetically driven.
- Humans always outcross due to male and female organs and therefore we are dioecious- males and females on different individuals
- The reason why we have two different sexual individuals is based upon the fact that we have sex chromosomes. Most animals have sex