Sex determination
- Defined by inheritant genotypes; male humans are XY (heterogametic) so determine sex at oogamy as can donate X or Y.
  - Opposite in birds; male ZZ and female ZW

Environmental Sex Determination
- Temperature at a critical phase during development can activate genes in embryos for sex determination

Sex Change in Fish
- Can be due to social and/or environmental pressures.
- Groups contain both sexes so adults can switch sex; sequential hermaphrodites
  - Protandry: M→F change eg clownfish
  - Protogyny: F→M change eg wrasse

Sexual Selection
- Competition between members of the same sex and between sexes

Intrasexual Selection
- Male-male competition which determines access to females
- Results in selection for weaponry, fighting skills and body size

Intersexual Selection
- Females choose a mate
- Aim for best quality mate rather than many mates