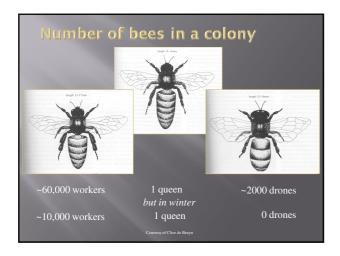
INTRODUCTION TO BEEKEEPING Lifecycle of the Honeybee





The Queen

- Anatomically different to other females
- Characterises the colony

- Only leaves colony when swarming



Queen

- Fed royal jelly from hatching

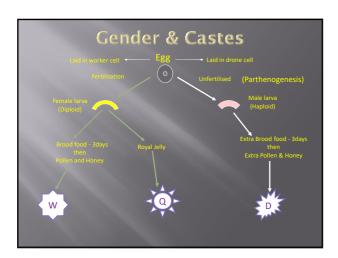
- Pupal development quite different
 - Proteins switch on different genes
- Emerges after 8 days as pupa

Adult queen

- Then fed by workers
 Goes on mating flights
 First 3 weeks
 Stays in hive afterwards
 Lays up to 1500 eggs a day
 More than body weight
 High energy digested food
 Egg laying controlled by food intake



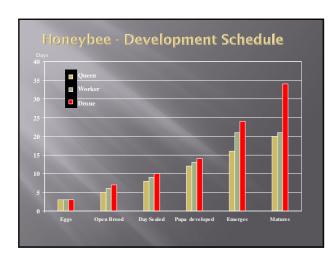


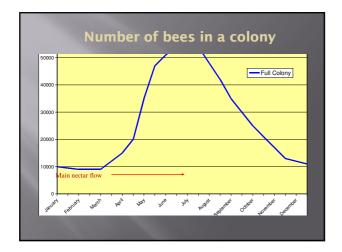


	Development
 Egg laid in large c 3 days to hatch Fed brood food for Mupates for 14 day Adult matures for Feeds itself Lives 3 -6 months Fed by workers Dies when mating 	7 days s









Colony Characteristics Gentle but robust Healthy Hard working Cold weather opportunists Large colony Slow to swarm