

1/23/13

Bio.3

Johansson

Pg. 1

cont.

~~copy~~ ~~copy~~ complete pg. 19 of cell structure wk. shop ~~shop~~

Next week

- text book ch. 3 or 4?

→ - will be dismissed unless completed. *

- cell membrane same as plasma membrane!

- The Game of Biology - How to win!

- Needed - mate w/ good characteristics to hand off to

offspring

- competition for best mate

- certain behaviors explain

- not a conscious understanding

- hardwired into DNA

- Why?

- territory, whoever has best territory gets chicks

- dogs peeing on everything -

- through scent dogs establish territory

- pee identifies dog's health and presence.

- human urine samples

- provide health + functions of the body.

- dogs scent can be used for finding many different things - i.e. drugs, people, mines, food.

- Some animals cheat

- panda's - pee upside down on trees to pass scent farther and appear to be larger.

- Humans/Territory

- fences, boundaries

- scent, perfume industry

\$30 bil. industry

- ~~camouflage~~ camouflage

- Sexual selection - who selects a mate?

- not the male

- females - devote the resources and take the most risks.

- Females

- 1 egg per month

- carry baby internally

- Males

- sperm is cheap

- chose to move on @ any time.

(Human)

- Size indicates health
 - larger size = more resources, (food)
 - larger size = better defender
 - females select for specific characteristics over time actually change the species
 - behavior
- Peafowl, peacocks...
 - large display of feathers
 - males go to "Lek" - open area. waiting for female.
 - increase of display of feathers + dance ~~and~~ for female affection.
 - females are safe w/ bigger display feathers of males.
 - females swayed to brighter colors of display.
 - bright = less blood parasites/healthier
- Narwhale - unicorn-like water species
 - longest unicorn-horn gets females.

- Irish Elk