

Wed 15 Jan

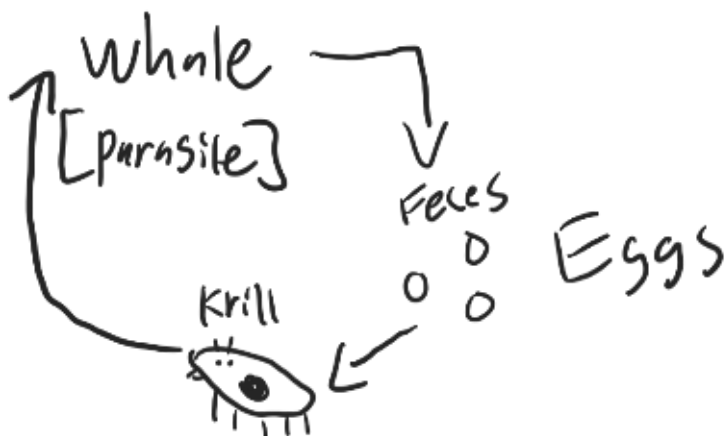
Host - an organism that harbors a parasite

Definitive host - host in which sexual recombination of gametes takes place [sex of parasites]

Intermediate host - Asexual reproduction occurs

- Great variation in reproduction \Rightarrow
 - 1 egg may carry thousands of parasites
 - 1 egg may carry 1 parasite
- Parasite - an organism that uses another organism for habitat and all physiological and reproductive needs. < All necessary components to live are provided by the host

Example life cycle:



[Larva]

Reservoir Host

- Harbors a parasite population that transfers to humans or domestic animals
- Ex: Vampire Bats [rabbits] resistant to the
Desmodus rotundus rabies virus

Zoonotic Disease

- Begins in wild animals → Transferred to humans or domestic animals
- SARs
- parasite eggs could be transfer hosts for viral particles

Vector

- Something that transports a parasite from one host to another (medium)
- air, water, etc.
- Krill act as a vector for the whale tapeworm

- The means of transmission of a disease causing organism from one host to another