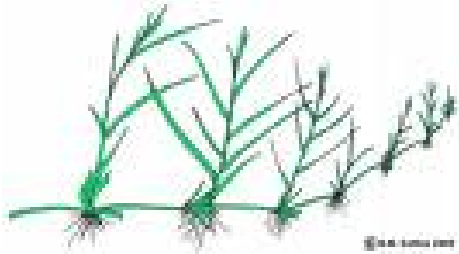
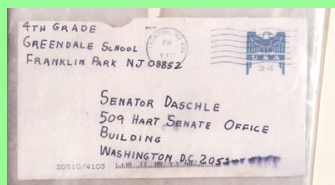


Forms of Asexual Reproduction

5) **Vegetative Reproduction:** a section of plant is used to grow a new plant. The section does not need to be removed from the original plant.



ex. quaking aspen, spider plant ●



The 2001 anthrax attacks in the United States, also known as Amerithrax from its Federal Bureau of Investigation (FBI) case name, occurred over the course of several weeks beginning on Tuesday, September 18, 2001, one week after the September 11 attacks.

Letters containing anthrax spores were mailed to several news media offices and two Democratic U.S. Senators, killing five people and infecting 17 others. According to the FBI, the ensuing investigation became "one of the largest and most complex in the history of law enforcement." [1]

In sexual reproduction, genetic information from two cells are combined to produce a new organism. Usually, sexual reproduction occurs when two specialized sex cells unite to form a fertilized egg called a zygote.

Sexual Reproduction

- common in multicellular organisms
- genetic info comes from 2 sources
- offspring not exactly like parents



&



1) Conjugation Forms of Sexual Reproduction

~~- form of sexual reproduction~~

- can occur in bacteria
- two bacteria cells come in contact with one another and share plasmids

↳ genetic material



2) Hermaphrodites

- an organism that creates both male and female sex cells
 - it is not common for them to self-fertilize
 - Figure 4, p 203 in textbook
- Ex) Earthworms

<http://www.youtube.com/watch?v=MpblUehi9Dk&feature=fvvr>



<http://www.cbc.ca/sports/amateur/story/2009/09/10/sp-iaaf-athletics-semenya.html>



<http://www.youtube.com/watch?v=OTbnhMNviuA>



2 types of fertilization

1) External Fertilization

- the sex cells unite outside the female's body

i.e. Fish

2) Internal Fertilization

- sex cells unite inside the female's body

i.e. Human's natural conception