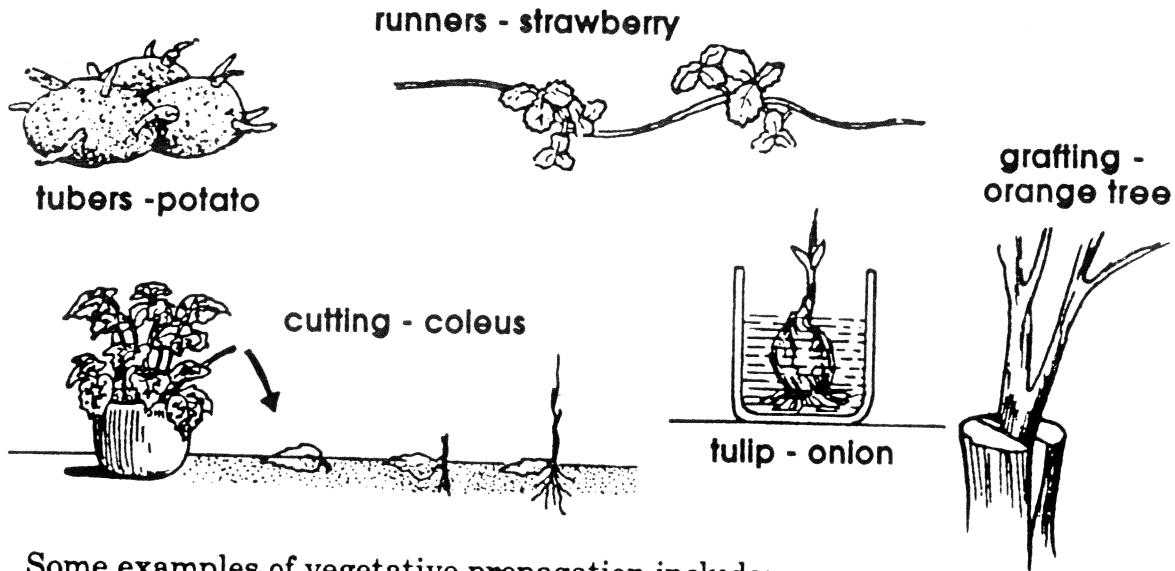


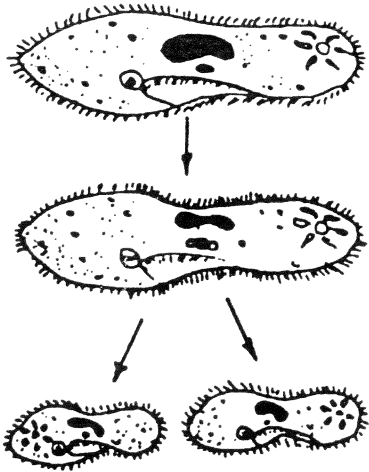
Vegetative Propagation



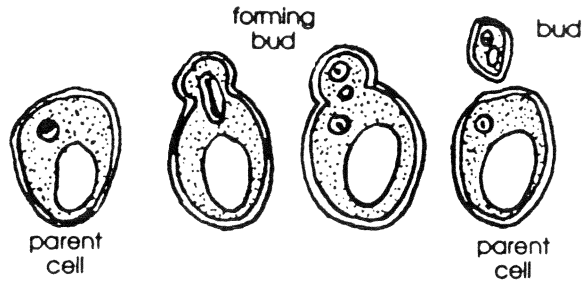
Some examples of vegetative propagation include:

Example	Organisms	Process
cuttings	coleus, geranium	• a part of a root, stem, or leaf; placed in a favorable environment develops into a new plant identical to the parent plant
bulbs	tulip	• underground stem with thick leaves; identical to and produced "like a bud" by the parent bulb
tubers	potato	• thick underground storage stem; placed in a favorable environment develops into a new plant identical to the parent plant
runners	strawberry	• stem-like structures that grow from the parent plant's stem on top of the ground; produce plants identical to the parent plant
grafting	seedless orange	• upper stem of one plant (scion) and lower stem and roots of a second plant (stock); when the two sections grow together, they produce a new plant with the characteristics of the upper plant (scion)

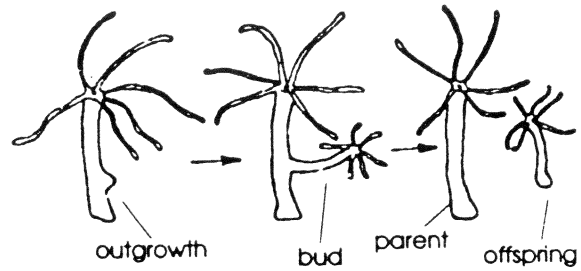
Types of Asexual Reproduction



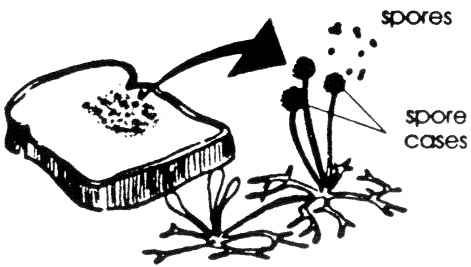
**Binary Fission
In Paramecium**



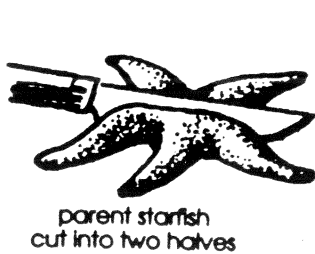
Budding In Yeast



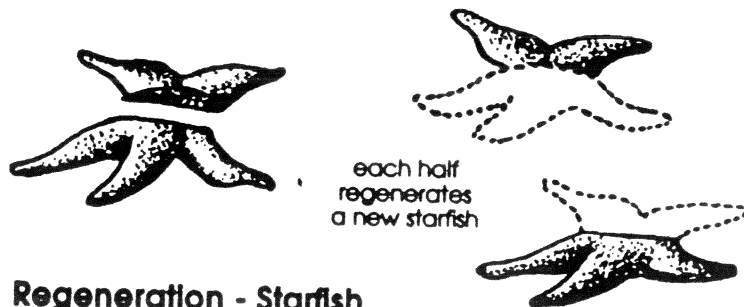
Budding In Hydra



Sporulation - Bread Mold



parent starfish
cut into two halves



each half
regenerates
a new starfish

Regeneration - Starfish