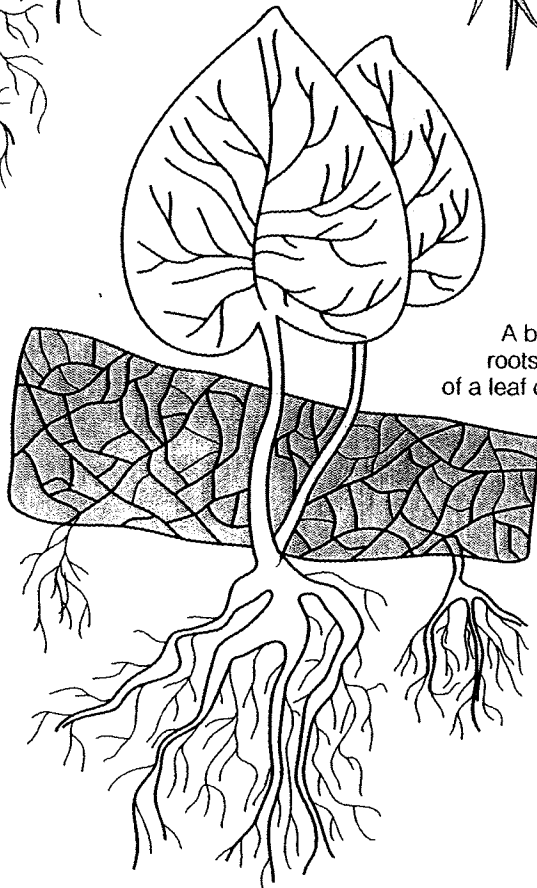
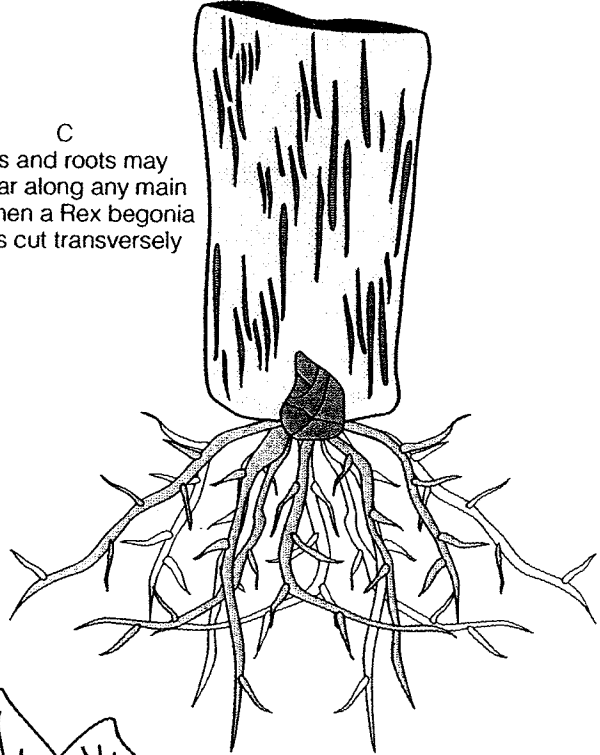


A  
The formation of roots and tiny new plants on the petiole of an African violet.

C  
Buds and roots may appear along any main vein when a Rex begonia leaf is cut transversely



B  
A bud and copious roots start at the base of a leaf cutting of *Sansevieria*.

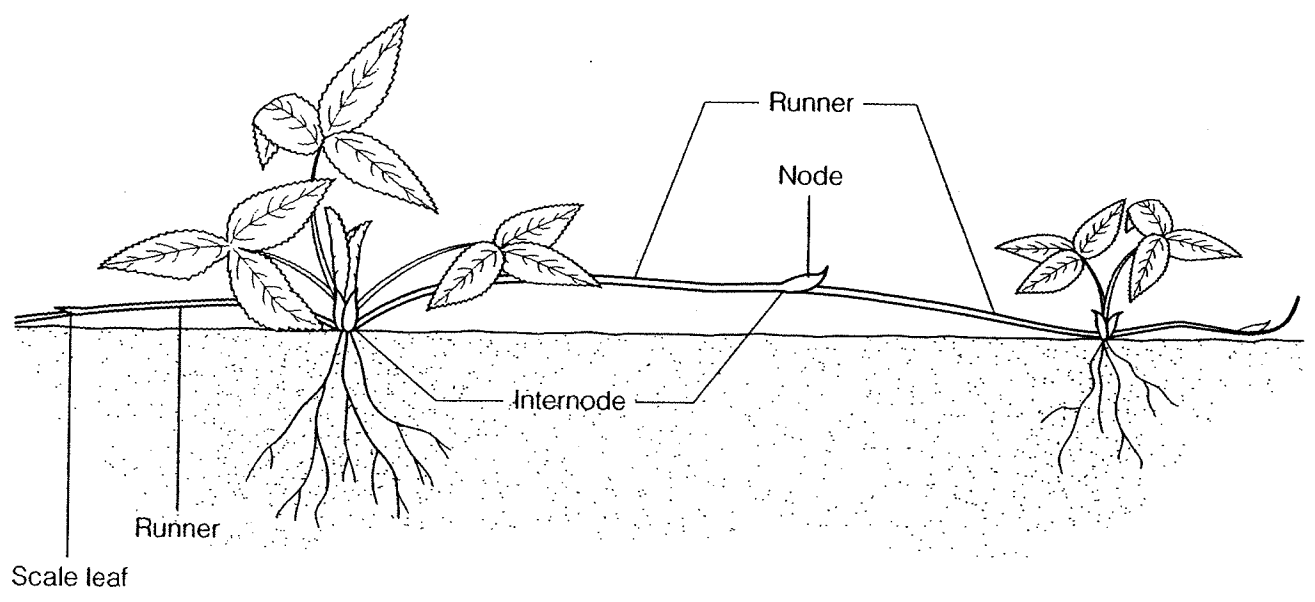
# New Plants from Roots



A  
Fleshy tap root  
of a dandelion.



B  
Clustered fleshy  
roots of dahlia.



Strawberry plants reproduce by mean of runners or stems.

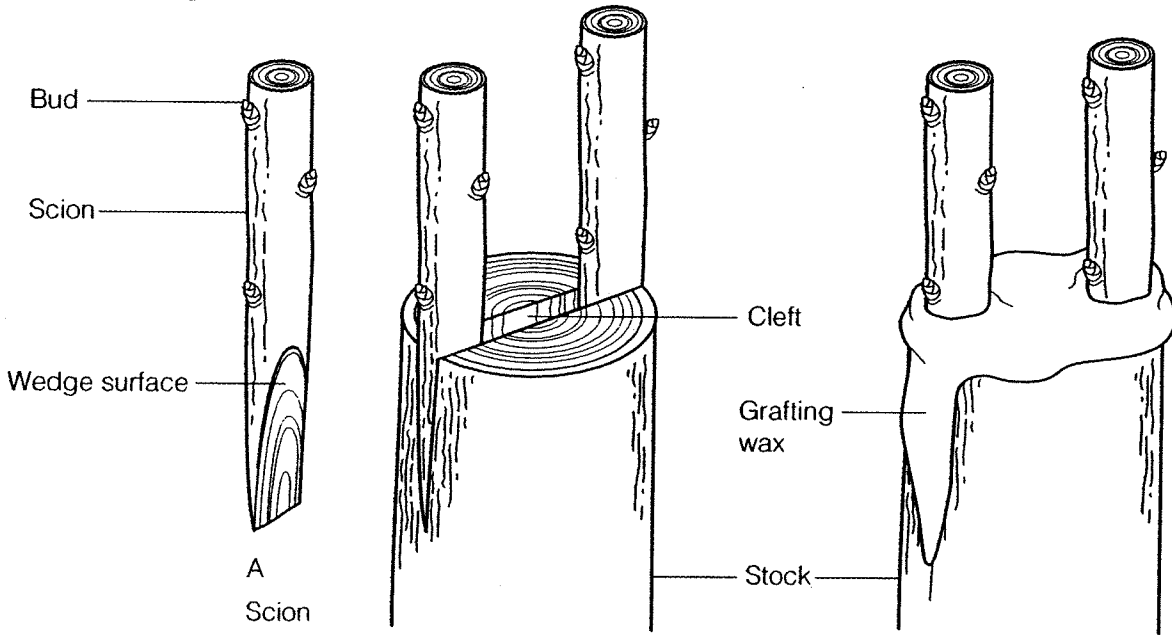


A  
The arching branch of a red raspberry naturally forms a new plant where its tip contacts the soil.

B  
This horticultural process which is called "layering," uses the same process.

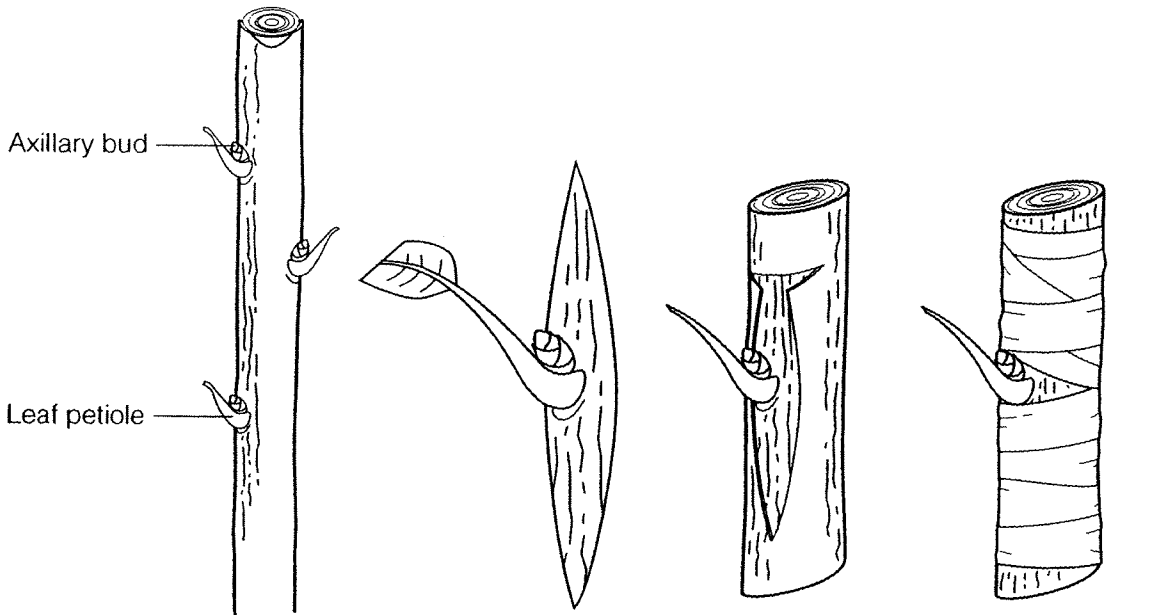
# New Plants from Grafting

## Cleft Grafting



**B**  
Scion inserted in root stock.  
Note that the cambium layers of the stock and scion are in contact.

**C**  
All cut surfaces protected with grafting wax.



**A**  
Mature wood with buds.

**B**  
Bud cut out and ready for grafting.

**C**  
Bud inserted into T-shaped incision cut through bark of stock.

**D**  
Bud bound in place.