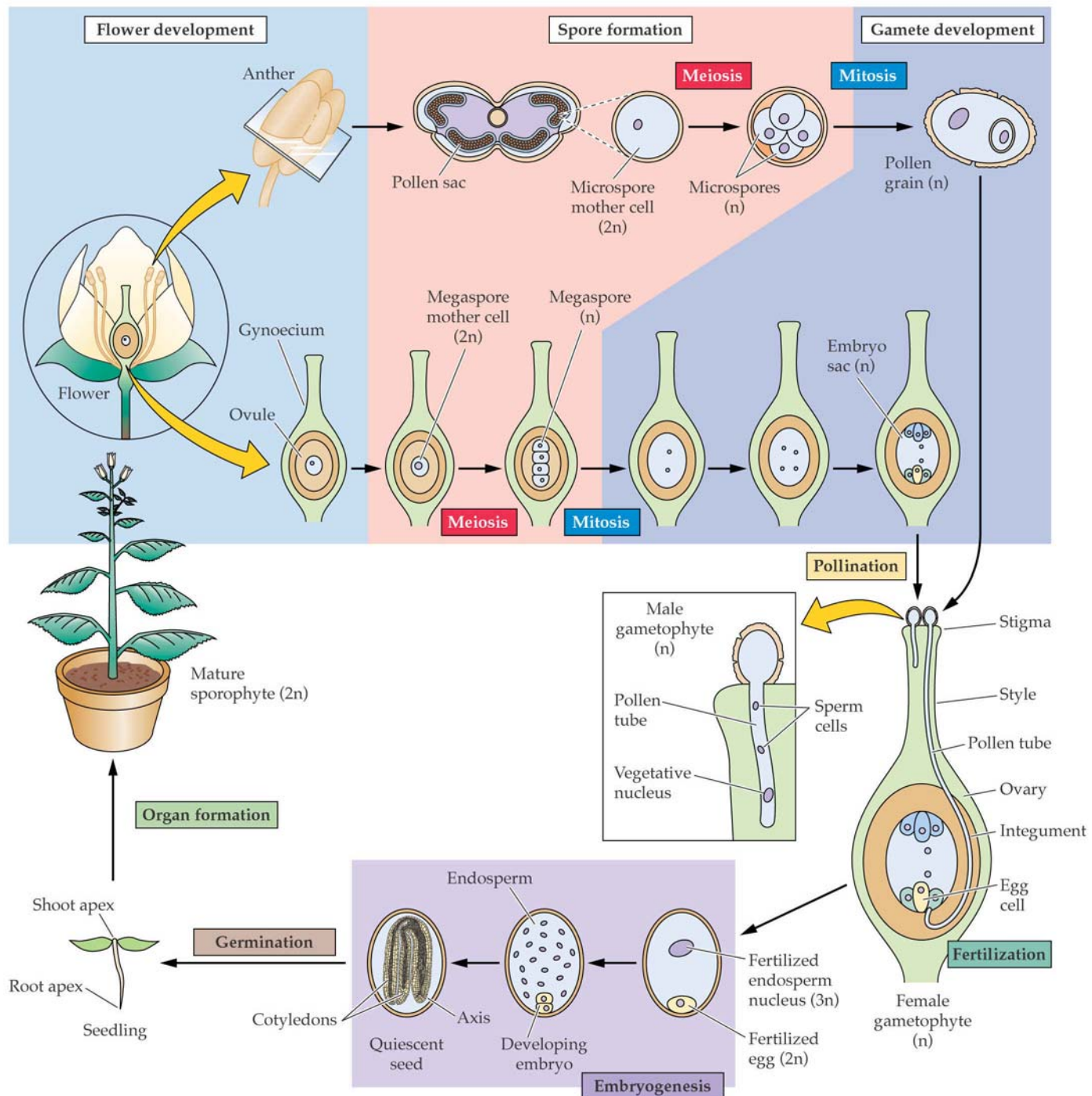


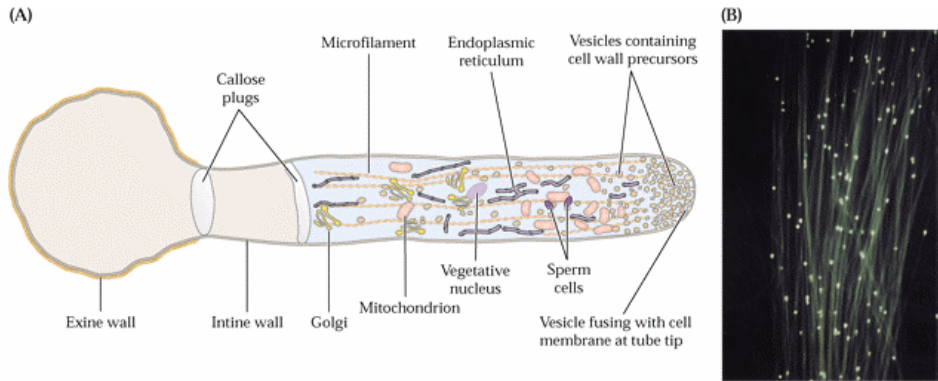
Buchanan

19-1

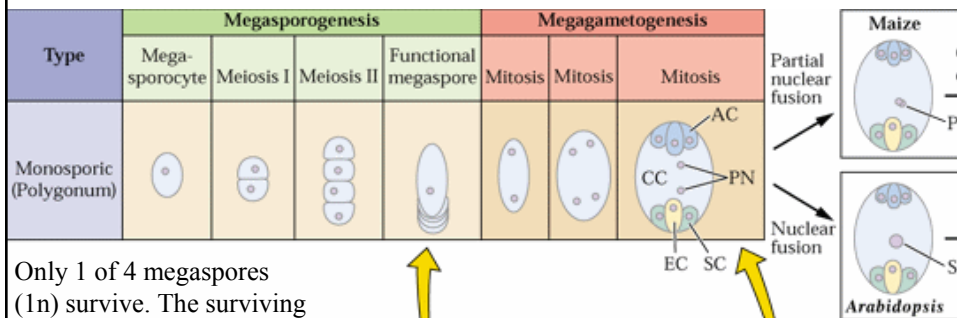
Flower development



Buchanan 19-29. Pollen tube grows by tip extension.



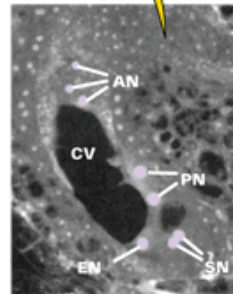
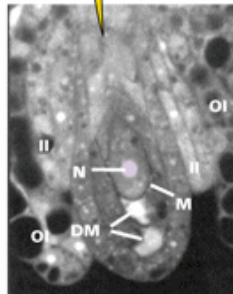
Development of the female gametophyte or embryo sac



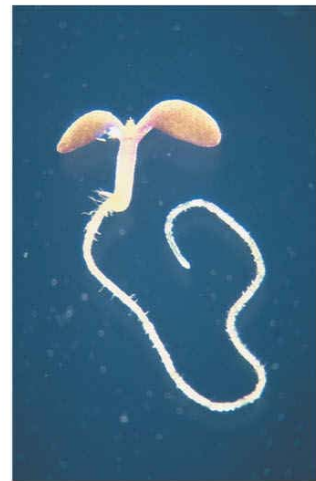
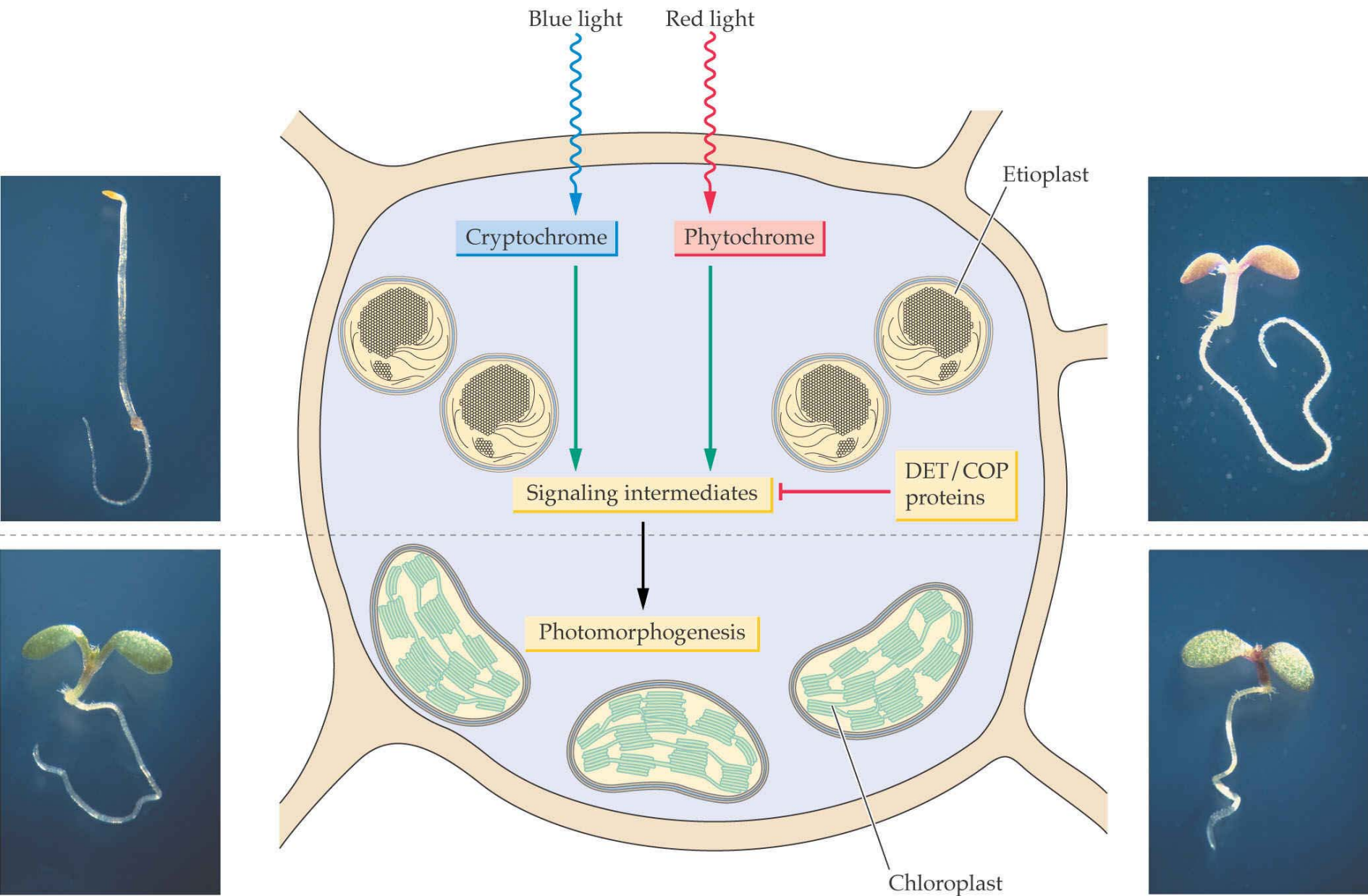
Only 1 of 4 megaspores (1n) survive. The surviving megaspore undergoes 3 mitotic divisions to form the female gametophyte.

AC- antipodal cell
CC- central cell
EC- egg cell
PN- polar nuclei
SC- synergid cell

Buchanan, chap. 19-24



Example: photomorphogenesis



Wild-type plants

det/cop mutants