**Angiosperm Reproduction**:

Ch 38

Alternation of generation:

Sporophyte:

Gametophyte

Flower structure:

Sepals:

Petals:

Stamens:

Anther:

Filament:

Carpel:

Ovary

Ovule:

Pistil: carpel

Sytle:

Stigma:

Receptacle:

Monoecious:

Dioecious:

Production of pollen

Microsporangium:

Microsporocyte:

Microspore:

Generative cell:

Tube cell:

Pollen grain:

Production of egg

Megasporangium:

Megasporocyte:

Megaspore:

Embryo sac:

Antipotal cells:

Polar nuclei:

Synergids:

Egg:

Fertilization: **(Fig 38.6)**

Double fertilization:

Two sperm:

Development of seed:

Triploid nucleus

Endosperm:

Zygote:

Terminal cell:

Basal cell:

(Fig 38.7)

Seed coat:

Cotyledons:

Scutellum:

Endosperm:

Root apex:

Shoot apex:

Suspensor:

(Fig 38.8)

Epicotyl:

Hypocotyl:

Radical:

Coleoptile:

Coleorhiza:

Fruit:

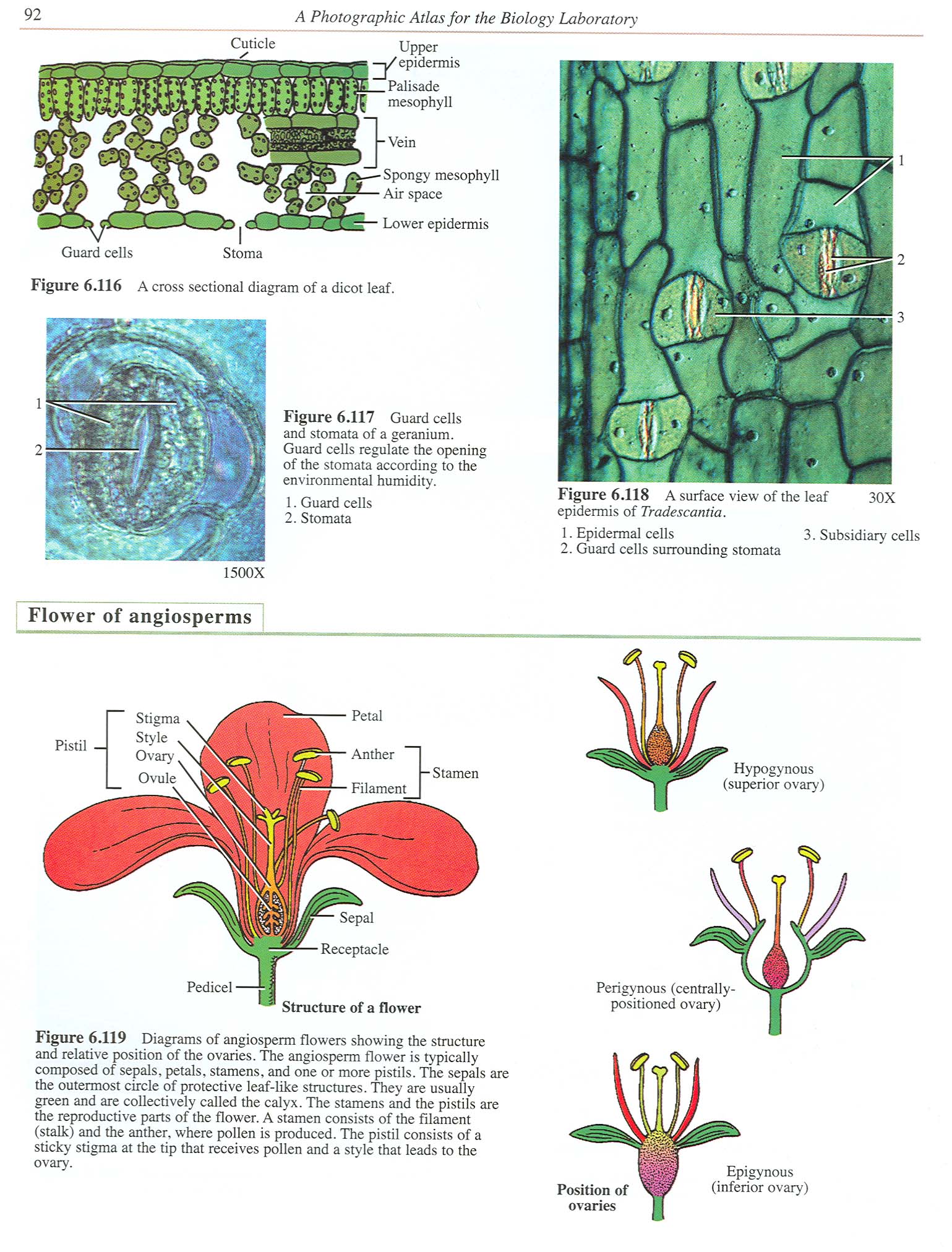
(Fig 38.9)

Simple fruit:

Aggregate fruit:

Multiple fruit:

Flower parts



Ovary positions

