



**Key**  
 Haploid ( $n$ )  
 Diploid ( $2n$ )

Microsporangium		Megasporangium
Egg		Carpel
Microspore		Tube cell
Anther		Ovule with megasporangium
Microsporocytes		Ovary
Pollen grains	Sperm	Male gametophyte (in pollen grain)
Stigma	Sperm	Embryo
Pollen tube		Seed
Integuments	Synergids	Style
Tube nucleus		Antipodal cells
Egg nucleus		Zygote
Generative cell	Polar nuclei in central cell	Female gametophyte (embryo sac)
Pollen tube		Seed coat
Discharged sperm nuclei		Endosperm
Nucleus of developing endosperm	Mature flower on sporophyte plant	Surviving megaspore
Germinating seed		