Vascular Plant Anatomy

http://www.vplants.org/plants/glossary/index.html

PLATE 1: STEM AND ROOT TYPES

PLATE 2. LEAF COMPOSITION, PARTS, AND TYPES

LEAF PARTS

SIMPLE (SESSILE) PALMATELY COMPOUND PALMATELY TRIFOLIATE (TERNATE) PINNATELY TRIFOLIATE

ODD-PINNATE EVEN-PINNATE BIPINNATE TRIPINNATE

PLATE 3. LEAF SHAPES

ACICULAR   CORDATE   DELTOID   ELLIPTIC   FALCATE

HASTATE   LANCEOLATE   LINEAR   LYRATE   OBCORDATE

OBLANCEOLATE   OBLONG   OBOVATE   ORBICULAR   OVAL

OVATE   RENIFORM   RUNCINATE   SAGITTATE   SPATULATE

PLATE 4. LEAF MARGINS

CILIATE  CLEFT  CRENATE  CRENULATE
DENTATE  DENTICULATE  ENTIRE  INCISED
INVOLUTE  LACERATE  LACINATE  LOBED  PINNATIFID
REVOLUTE  SERRATE  DOUBLY SERRATE  SERRULATE  SINUATE

PLATE 6. SURFACE FEATURES

ANTRORSE RETRORSE
BARBELLLATE

CANESCENT

COMOSE

ECHINATE

FARINACEOUS

FLOCCOSE

GLANDULAR

HIRSUTE

HIRTELLOUS

HISPID

LANATE

LEPIDOTE

MURICATE

PANNATE

PAPILLATE

PILOSE

PUBERULENT

PULVERULENT

RESINOUS

SCABROUS

SCURFY

SERICEOUS

SETOSE

stellate

STRIGOSE

TOMENTOSE

TUBERCULATE

UNCINATE

VELUTINOUS

VILLOUS

PLATE 8. INFLORESCENCE TYPES

CATKIN / AMENT  GLOMERULE  SPADIX with SPATHE  THYRSE

SIMPLE  COMPOUND  SIMPLE  COMPOUND  HELICOID  HEAD / CAPITULUM
CORYMBS  CYMES

PANICLE  RACEME  SCAPE  SPIKE  SECUND SPIKES

SIMPLE UMBELS  COMPOUND
pedicel  involucro  involucre  ray  peduncle

VERTICIL

PLATE 10. COROLLA TYPES

SEPALS & PETALS  TEPALS  ROTATE  BILABIATE  CRUCIFORM

CORONATE  CAMpanulate  FUNNELFORM  GALEATE  GIBBOUS

HOOD & HORN  LIGULATE  PALATE  PAPILionACEOUS  CARINATE

SACCATE  SALVERFORM  SPURRED  TUBULAR  URCEOLATE

PLATE 11. Fruit Types

FLESHEY

AGGREGATE  BERRY  DRUPE  POME

drupelet

DRY

ACHENES  LOCULICIDAL  SEPTICIDAL CAPSULES  PORICIDAL

CIRCUMSCISSILE  FOLLCILE  LEGUME  LOMENT  ACORN

SAMARAS  SCHIZOCARP  SILICLE  SILIQUE

PLATE 12. SEDGES, GRASSES, AND COMPOSITES

SEDGES

INFLORESCENCES

SEDGE FLOWER

SPIKELETS

PERIGNYIUM

GRASSES

SPIKELET

FLORET

COMPOSITES

BISERIATE

UNISERIATE

IMBRICATE

PHYLLARIES

COMPOSITE INFLORESCENCE

RAY FLOWER

DISK FLOWER