

KEY TO GENERA OF MALPIGHIACEAE IN KENYA AND TANZANIA

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1. Specimens with flowers.

2. Anthers dehiscing by apical or subapical pores; petals yellow, sometimes with a red claw; corolla bilaterally symmetrical (2 petals up, 2 lateral, 1 down).
 3. Petals coarsely dentate; styles 2, alike; leaves mostly alternate, opposite or subopposite in some species; pedicels sessile (i.e., without a peduncle between bract and joint at base of pedicel).*Acridocarpus*
 3. Petals entire or denticulate; style usually 1 (sometimes a second, usually shorter, style developed); leaves mostly opposite, sometimes subopposite or in verticils of 3 or 4; pedicels pedunculate (i.e., peduncle developed between bract and joint at base of pedicel). *Tristellateia*
2. Anthers dehiscing longitudinally; petals pink, white, or pale yellow (?); corolla radially or bilaterally symmetrical.
 4. Petals entire or the margin merely undulate; corolla radially symmetrical.
 5. Petals exposed in enlarging buds. *Caucanthus auriculatus*
 5. Petals nearly or completely concealed by sepals in enlarging buds.
 6. Petals narrowly spatulate, without a clear distinction between limb and claw. *Flabellaria*
 6. Petals with a broad limb clearly differentiated from the claw. *Flabellariopsis*
 4. Petals all or some distinctly fimbriate; corolla \pm bilaterally symmetrical.
 7. Styles 2; stigmas small, terminal; leaves borne in fascicles, the fascicles alternate. *Caucanthus albidus*
 7. Styles 3; stigmas large, lateral, inflexed; leaves opposite, in pairs. *Triaspis*

1. Specimens with fruits.

8. Fruit unwinged or bearing only 3 small rudimentary winglets, incapable of effecting wind distribution. *Flabellariopsis*
8. Fruit bearing well-developed wings or winglets, obviously functional in distribution by wind.
 9. Fruit bearing several elongated narrow winglets, most of them lateral. *Tristellateia*
 9. Fruit bearing 1 dorsal wing on each carpel or 1 \pm circular or elliptical lateral wing on each carpel, often with a small dorsal crest as well.

10. Fruit bearing 1 elongated dorsal wing on each carpel, breaking apart into (2) 3
samaras, each with 1 dorsal wing and no lateral winglets. *Acridocarpus*
10. Fruit bearing 1 ± circular or elliptical lateral wing on each carpel, often with a
small dorsal crest as well, mostly breaking apart into as many samaras as there
are carpels (indehiscent in *Caucanthus auriculatus*).
11. Fruit indehiscent, bearing 3 lateral wings with bladders in their bases.
..... *Caucanthus auriculatus*
11. Fruit breaking apart into as many samaras as there are carpels (2 or 3).
12. Leaves on vegetative stems borne in alternate fascicles; samaras 2 in each
fruit. *Caucanthus albidus*
12. Leaves opposite, in pairs; samaras 3 in each fruit.
13. Leaf glands on petiole and margin of lamina, not in abaxial surface;
pedicels sessile (i.e., without a peduncle between bract and joint at
base of pedicel); wing of samara cleft to nut at apex; stigma
terminal. *Flabellaria*
13. Leaf glands none on petiole (always?), present in abaxial surface of
lamina, not on margin; pedicels pedunculate (i.e., peduncle
developed between bract and joint at base of pedicel); wing of
samara mostly entire or only shallowly notched at apex, but
sometimes broadly notched; stigma lateral, inflexed. *Triaspis*