

Key to the sections of *Fraxinus* (from Wallander, 2008, Pl. Syst. Evol. 273: 25-49)

Two of the three species incertae sedis, *F. chiisanensis* (Korea) and *F. spaethiana* (Japan), are not covered in this sectional key because some of their traits are found in both the sections *Fraxinus* and *Melioides*.

1. Inflorescences emerging with the leaves on current year shoots from terminal buds; flowers with four, free, white petals, or apetalous, always with calyx; hermaphrodites or androdioecious; 15 Old World species section *Ornus*
1. Inflorescences emerging from lateral buds on previous year's shoot, before or at the same time as the leaves emerge from terminal buds; flowers with 2-4 united petals or apetalous, with or without calyx; hermaphrodites, polygamous, or dioecious; New World or Old World species
 2. Stems quadrangular; flowers mostly bisexual, with 2 united petals or without petals; 3 New World species section *Dipetalae*
 2. Stems terete; flowers uni- or bisexual, with 4 united petals or without petals; New World or Old World species
 3. Corolla with 4 united petals; 1 New World species *F. cuspidata*
 3. Flowers without petals; New World or Old World species
 4. Shrubs or small trees; leaf rachis winged; flowers with calyx; polygamous
 5. Few-flowered, cymose panicles; samaras small (1.5-2.5 cm); 5 New World species section *Pauciflorae*
 5. Many-flowered and dense, cymose panicles; samaras large (3-5 cm); 2 Old World species section *Sciadanthus*
 4. Mostly large trees; leaf rachis not winged; flowers with or without calyx; dioecious or polygamous
 5. Flowers without calyx or with small and/or deciduous calyx; polygamous or dioecious with rudimentary stamens; seed cavity of samara flattened; 4 Old World species and 1 New World section *Fraxinus*
 5. Flowers with calyx; strictly dioecious; seed cavity of samara terete; 10 New World species section *Melioides*