

**Key to the sections of *Fraxinus* (updated 2013 based on Wallander (2008), *Pl. Syst. Evol.* 273: 25-49)**

This key does not cover the two unplaced species *F. platypoda* and *F. chiisanensis* (because some of their traits are found in both the sections *Melioides* and *Fraxinus*).

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, androdioecious, or dioecious; 16 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  $\pm$  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
        6. Flowers without calyx or with small and/or deciduous calyx; polygamous or dioecious with rudimentary stamens; seed cavity of samara flattened; 3 Old World and 1 New World species ..... section *Fraxinus*
        6. Flowers with calyx; strictly dioecious; seed cavity of samara terete or flattened; 15 New World species ..... section *Melioides*