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, andro dioecious, 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 ± 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*