

Supplementary material 3. Further details about the tree sample selection. Applying the 75-m² criterion for inclusion to trees above the SOMs excluded one *M. bisulcata* (DBH = 53.8 cm, fruited in 2007), 46 *T. bifoliolata* (DBHs = 25.5–125.6 cm, of which 21 fruited in 2007), and 35 *T. korupensis* trees (DBHs = 25.6–93.0 cm, of which seven fruited). In the subset *T. korupensis* sample, every fruiting tree was > 33 cm in DBH: one small tree (DBH = 16.1 cm, crown area = 24 m²) did manage to fruit in 2008, however; but no others ≤ 33 cm DBH did. Likewise, five *T. bifoliolata* trees ≤ 25.4 cm DBH fruited in 2007 (the smallest with DBH = 17.2 cm, crown area = 14 m²). One of these, with a crown area of 132 m², but whose DBH was 23.7 cm in 2005, was added to the *T. bifoliolata* population sample because, with 2 years of growth elapsed, it would have been closer to the SOM. Although one *M. bisulcata* ‘subadult’ did have an 88-m² crown, its 34.8-cm DBH was too far below the SOM for inclusion; another excluded tree did fruit in 2008, but its crown area was 50 m² and its DBH was 37.0 cm.