



**S4 Figure. Birds acting as primary seed dispersers of *Miconia irwinii* at Serra do Cipó, Brazil.** The Cinnamon Tanager (*Schistochlamys ruficapillus*) (A) and the Black-throated Saltator (*Saltatricula atricollis*) (B) feeding on *M. irwinii* fruits, pulp-free seeds stuck to the birds' bills in detail; the Rufous-collared Sparrow (*Zonotrichia capensis*) (C), the Plain-crested Elaenia (*Elaenia cristata*) (D) and the Lesser Elaenia (*Elaenia chiriquensis*) (E); F - Focal observation procedures to record avian frugivores, the blue arrow shows the observer and the green arrow the focal plant.