

Project Updates: October 2021

We are monitoring the frugivore species that feed on fruits through focal observations in the field and conducting measurements of the fruits' traits in the laboratory. Data collection is still ongoing, so far, everything is going well, and we have gathered a good volume of data.

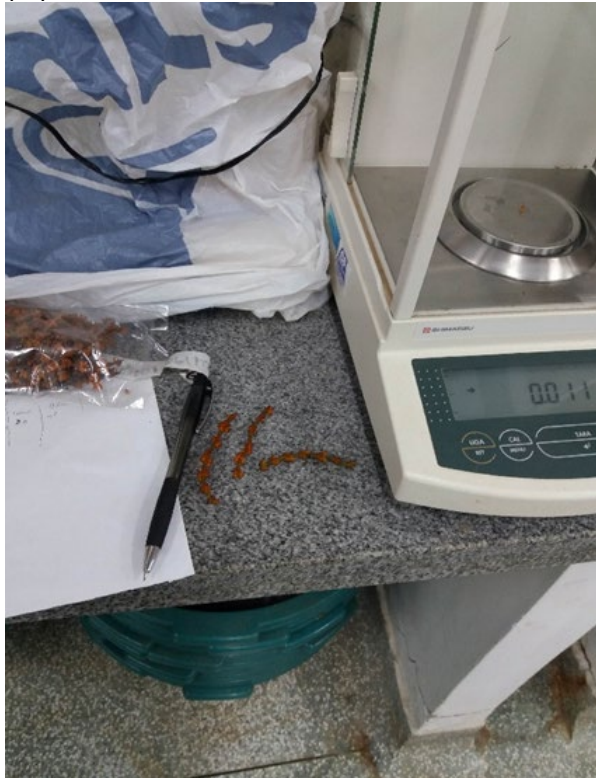
(A)



(B)



(C)



(D)



Pictures in the field: (A) observing frugivore events, (B) participation of Maristela Benites (biologist of the Instituto Mamede) in field expeditions (photo by Simone Mamede). Pictures in laboratory: (C and D) measuring fruits' traits (photo by Maiara Vissoto).

A requirement for the maintenance of ecosystem functions in the cities (such as propagation of plants by seed dispersers) is to preserve interactions between species, which depends on allowing their persistence within the urban environment.

Since the beginning of the project (January 2021), we have recorded interactions involving 46 bird species and more than 50 species of plants in 795 frugivory events.



Pictures in the field: Yellow-chevroned Parakeet (*Brotogeris chiriri*) consuming fruits of a *Pachira aquatica*. Photo by Maiara Vissoto.



Pictures in the field: Peach-fronted Parakeet (*Eupsittula aurea*) consuming fruits of *Psidium guajava*. Photo by Maiara Vissoto.



Yellow-faced Parrot (*Alipiopsitta xanthops*) consuming fruits of *Qualea parviflora*.
Photo by Maiara Vissoto.



Purple-throated Euphonia (*Euphonia chlorotica*) consuming fruits of a hemiparasite species in the genus *Phoradendron* (Santalaceae).



Blue-and-yellow Macaw (*Ara ararauna*) consuming fruits of an arboreal species in the genus *Spondias* (Anacardiaceae). Photo by Maiara Vissoto.

Video recording of fruit consumption of *Syzygium cumini* by *Eupsittula aurea*:
<https://youtu.be/iIFGRyJQVDA>