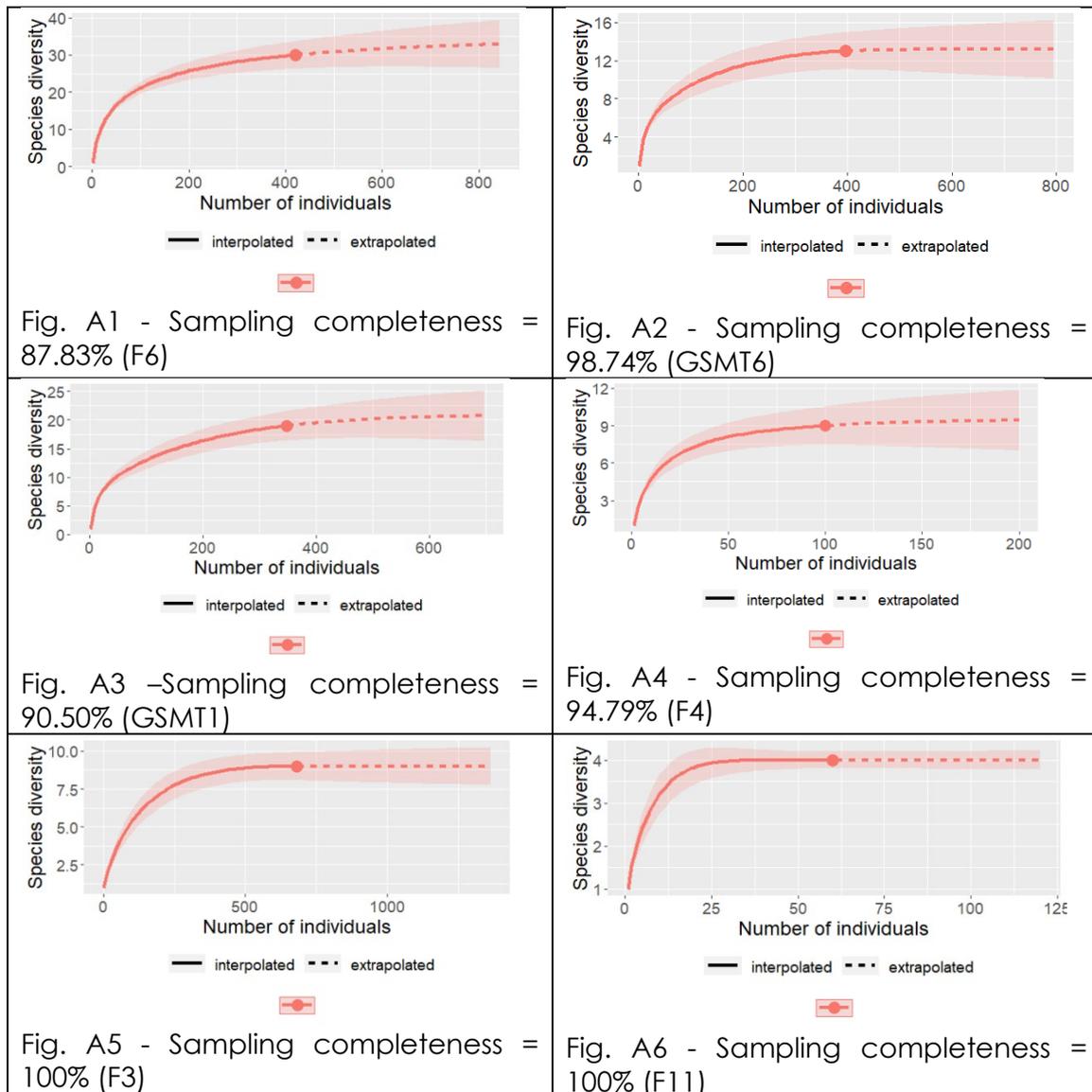


## Project Updates: August 2022

We are monitoring fruit-eating species through focal field observations and carrying out measurements of fruit traits in the laboratory. After a year of collections, we set up matrices for all 24 sampling units and evaluated the sufficiency of the sample with the collector curve (Fig. A, 1 to 24). The results of the graphs showed that most of the sampling units were well sampled. Data collection at this point is close to being over, so far, everything is going well, and we have gathered a good amount of data.



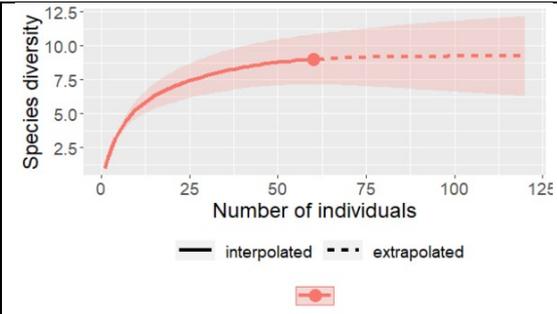


Fig. A7 - Sampling completeness = 97.34% (GSLT4)

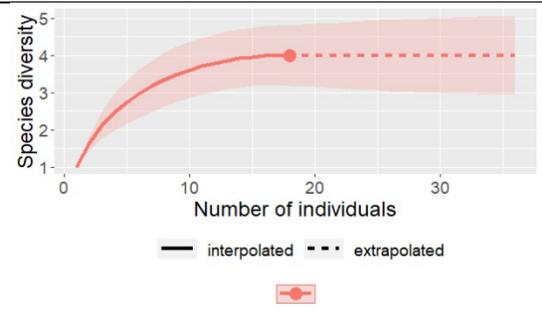


Fig. A8 - Sampling completeness = 100% (F8)

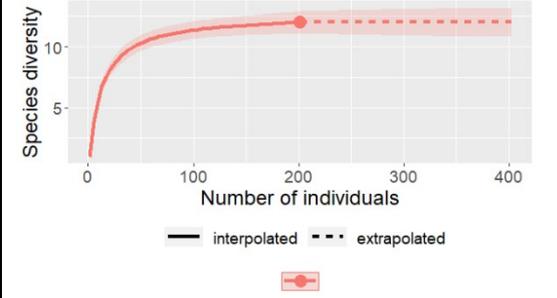


Fig. A9 - Sampling completeness = 100% (F9)

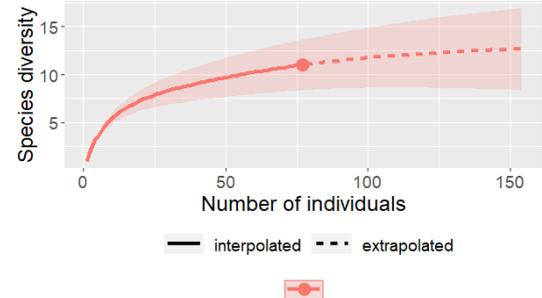


Fig. A10 - Sampling completeness = 83.20% (F7)

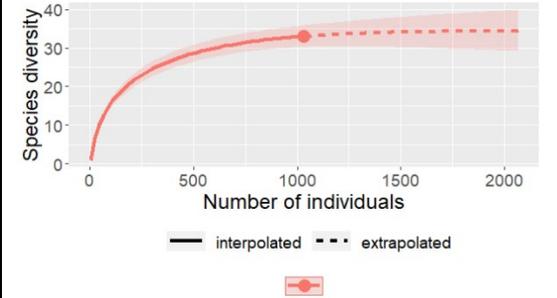


Fig. A11 - Sampling completeness = 95.38% (F12)

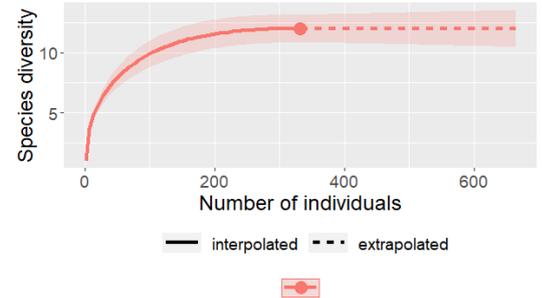


Fig. A12 - Sampling completeness = 100% (F10)

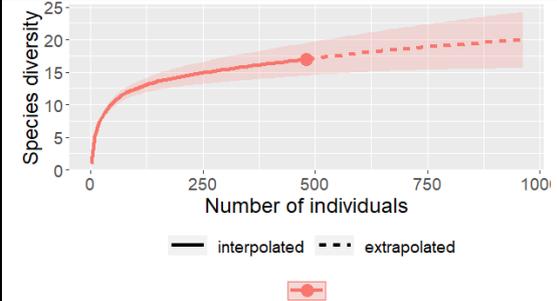


Fig. A13 - Sampling completeness = 73.95% (GSMT5)

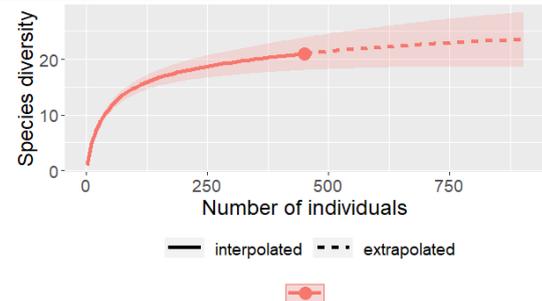


Fig. A14 - Sampling completeness = 84.03% (GSMT2)

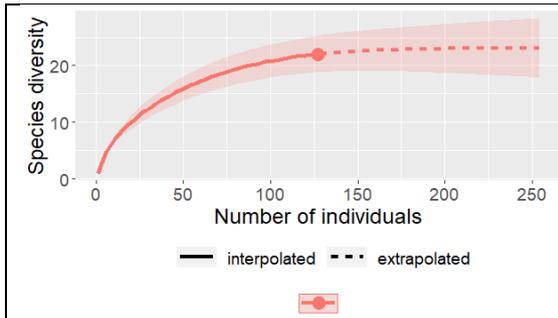


Fig. A15 - Sampling completeness = 95.10% (F2)

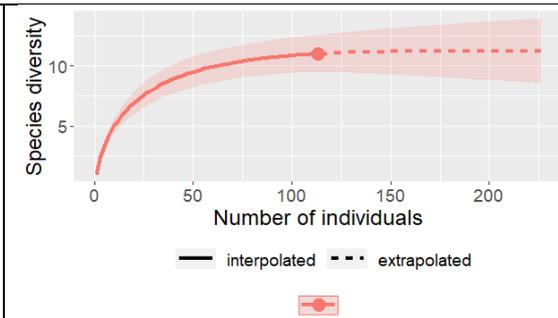


Fig. A16 - Sampling completeness = 97.80% (F1)

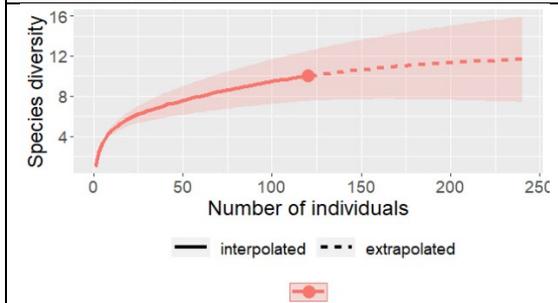


Fig. A17 - Sampling completeness = 81.76% (GSLT6)

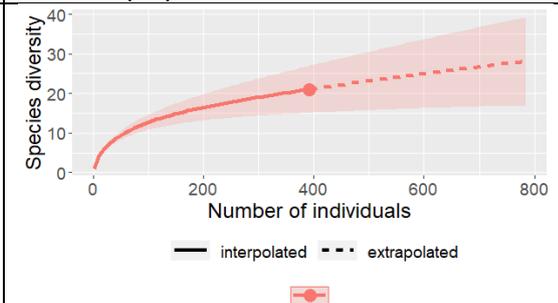


Fig. A18 - Sampling completeness = 39.68% (GSMT3)

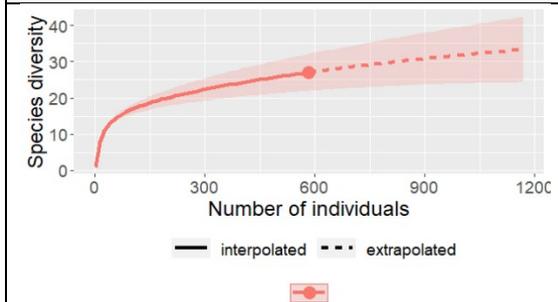


Fig. A19 - Sampling completeness = 62.83% (GSLT1)

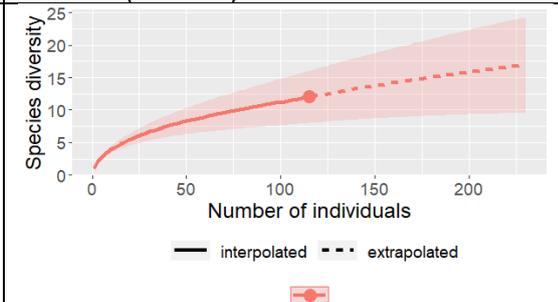


Fig. A20 - Sampling completeness = 44.66% (GSLT2)

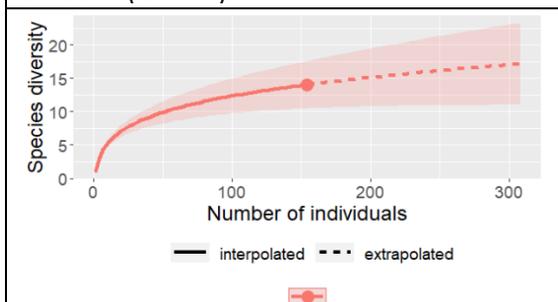


Fig. A21 - Sampling completeness = 63.79% (GSLT5)

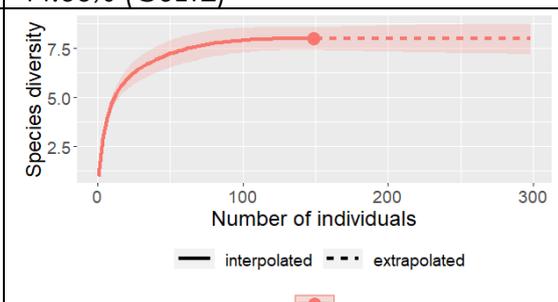
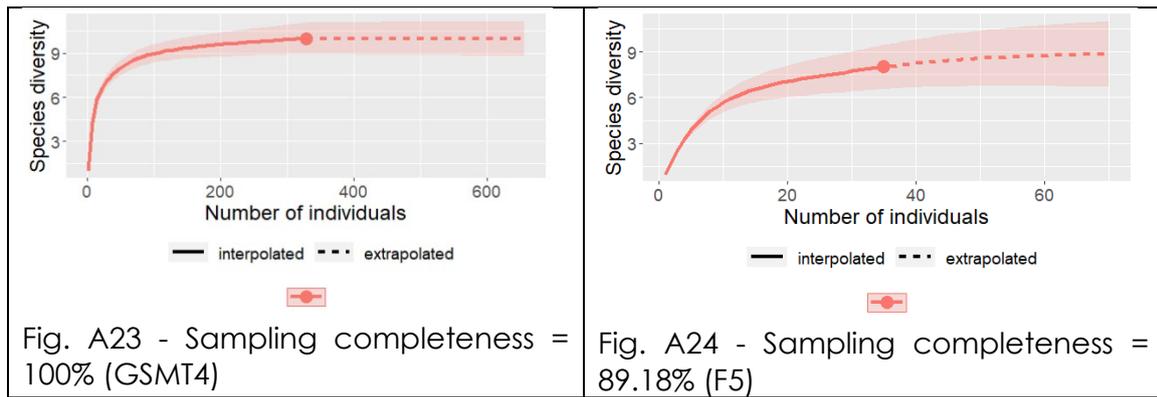


Fig. A22 - Sampling completeness = 100% (GSLT3)



In this semester 2/2022, we started to identify the plant species with the help of researcher in the field of botany, Dr Flávio Macedo Alves. The plants already identified and determined by the researcher are being deposited in the herbarium collection of the Federal University of Mato Grosso do Sul.

Since the beginning of the project (January 2021), we have recorded interactions involving 53 species of birds and more than 50 species of plants in more than 1500 frugivory events.



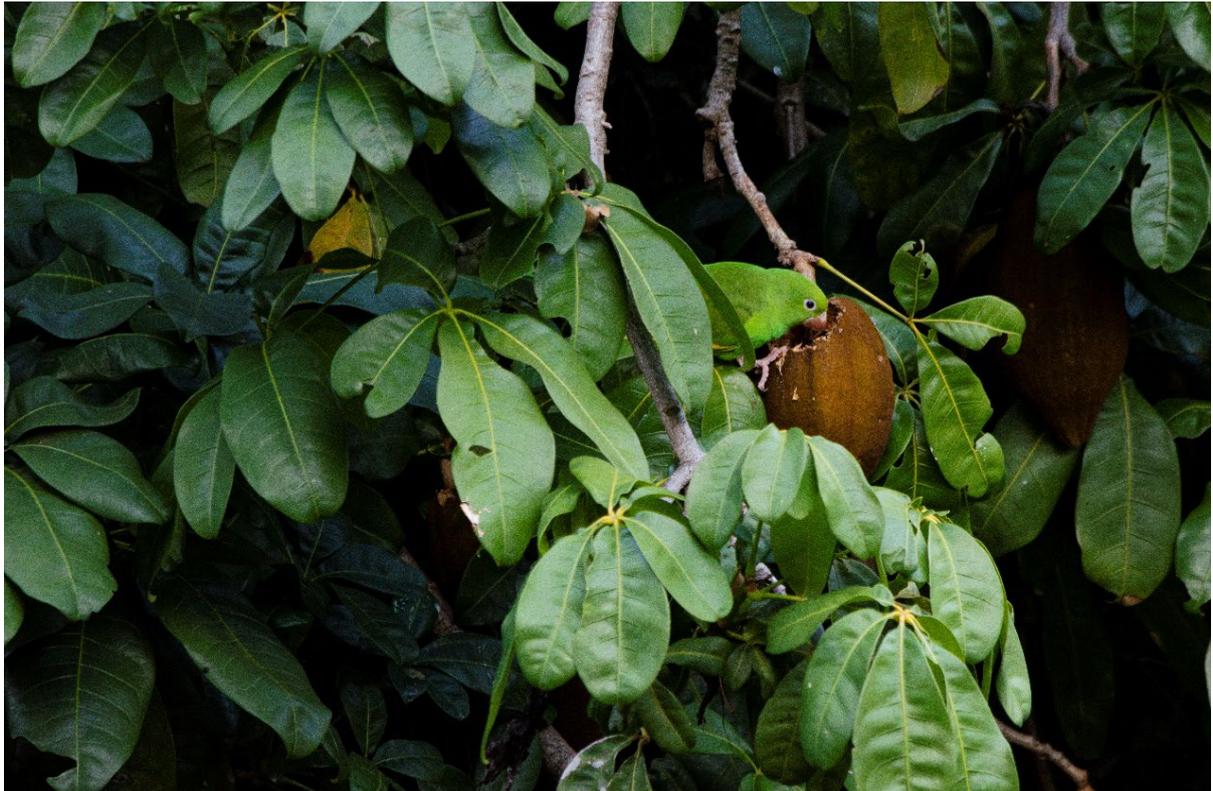
Pictures in the field: Toco Toucan (*Ramphastos toco*) consuming fruits of genus *Schefflera*. © Maiara Vissoto.



Pictures in the field: Yellow-faced Parrot (*Alipiopsitta xanthops*) consuming fruits of *Inga laurina*. © Maiara Vissoto.



Pictures in the field: Sayaca Tanager (*Thraupis sayaca*) consuming fruits of *Inga laurina*. © Maiara Vissoto.



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



Observation of frugivory events. © Beatriz Carneiro.

See too video recording of fruit consumption: <https://youtu.be/c4NLvLIwaQs>