

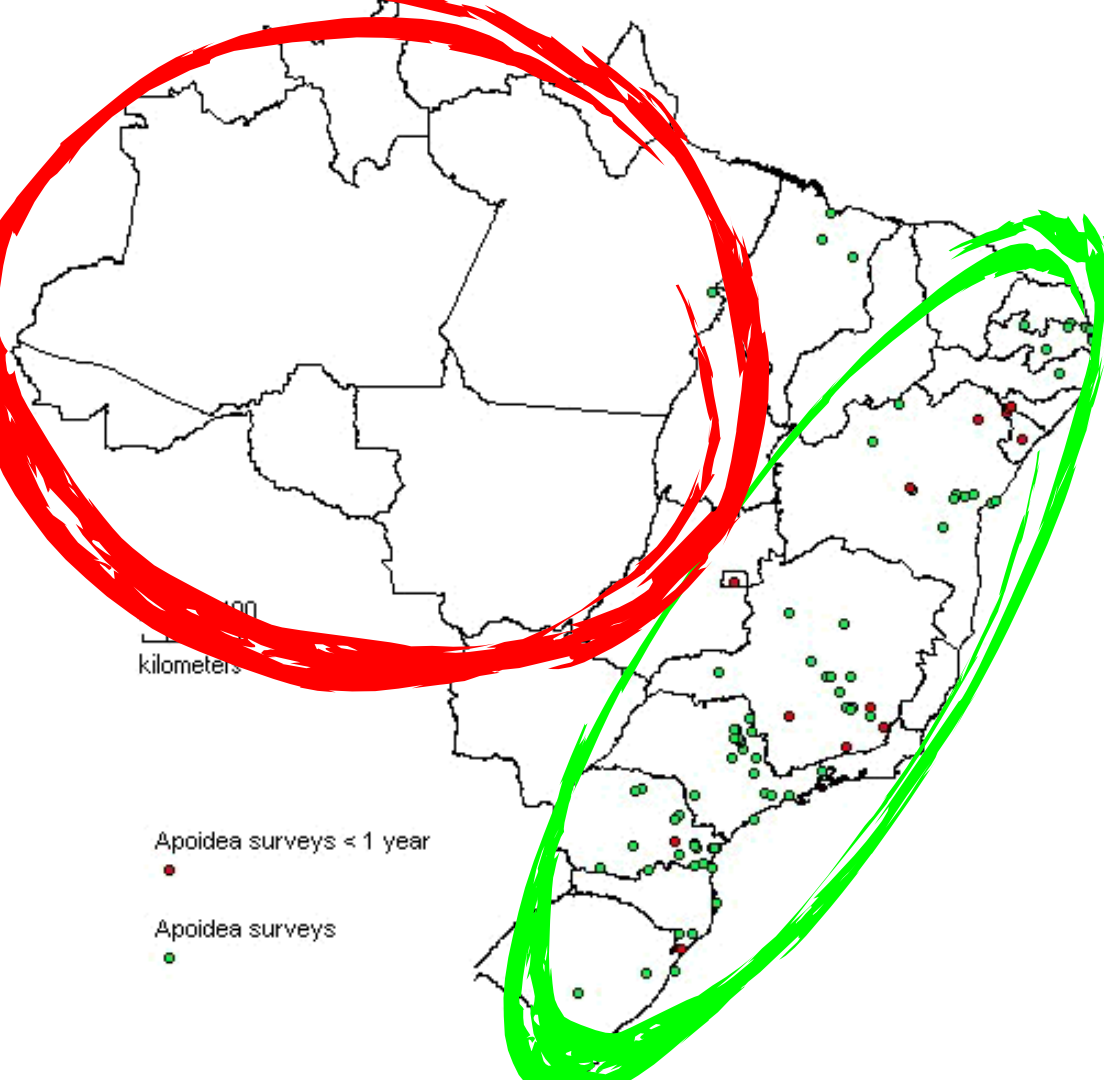


EACH



BEEKEEP: a citizen science tool for bee monitoring and conservation

Francoy, TM; Barbieri, C; Koffler, S; Saraiva, AM.



We don't know our fauna!!!



**We lack the specialists to
change this scenario**



Why don't we use a citizen science approach to help us?



Map and monitor bee occurrences!



“Every kid starts out as a **natural-born scientist**, and we beat it out of them.”

Carl Sagan



André Matos



How would it work in Brazil?

- Promote the importance of bees and pollination
- Generate knowledge about bees and fill information gaps
 - Support conservation and public policy plans

Brazil has some very engaged and well organized groups of stingless beekeepers



Grupo de SOS Abelhas Sem Ferrão

SOS Abelhas sem Ferrão
(Grupo de Discussão) >

GRUPO PÚBLICO · 20,9 MIL MEMBROS



MELIPONICULTURA >

GRUPO FECHADO · 11,3 MIL MEMBROS

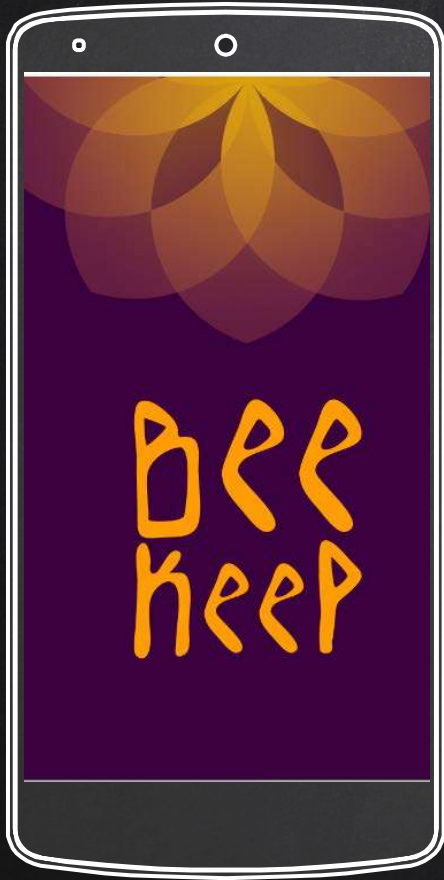
And very strong NGOs will help us in the divulgation...



BEEOR
NOT
TO**BEE**?



Bèliponicultura.org



The app: features and future plans











79% 22:18

Add image

Record





Bees








Nest

Describe bee details or nest shape

Species 

Location 
-23,5421; -46,6876

Date 

  Record  

80% 22:21

Species

Species

Apis mellifera - Abelha Européia, Abelha Africana, Abelha Africanizada

Trigona fulviventris - Abelha-cachorro

Scaptotrigona polysticta - Andorinha, Benjoy

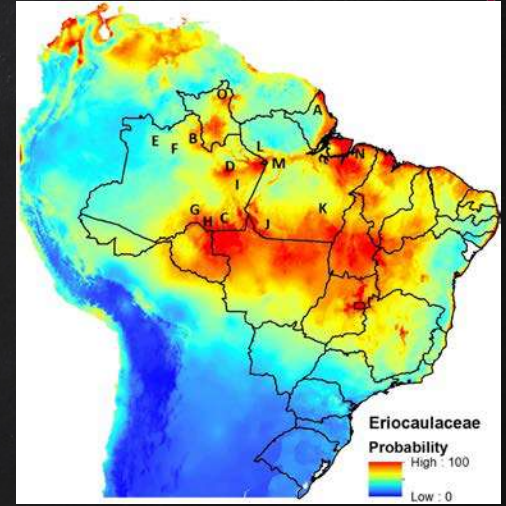
Trigona spinipes - Arapuá, Irapuá, Arapuã

Mourella caerulea - Bieira

Melipona seminigra - Boca de renda, Uruçu Boca-de-renda, Jandaíra-Amarela

Partamona helleri - Boca-de-sapo





Júlio Pupim



REBIPP
Rede Brasileira
de Interações
Planta-Polinizador

BeeKeep: next steps...



→ iOS

→ Gamification

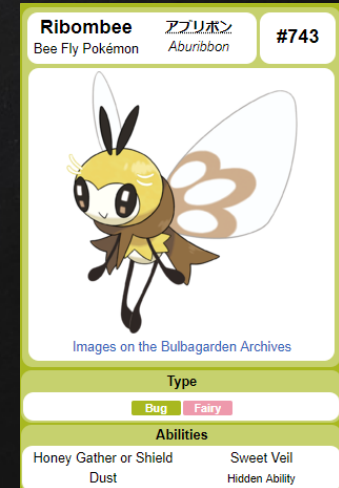
BeeKeep: next steps...



Trap-nests monitoring

Nests monitoring

Collaborative
encyclopedia



BeeKeep: next steps...



Meliponaries management

Collaborative projects



Vitor Franco

What is your
scientific
project?

Gabriela Silva



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Bee a Keeper, Bee a Scientist!