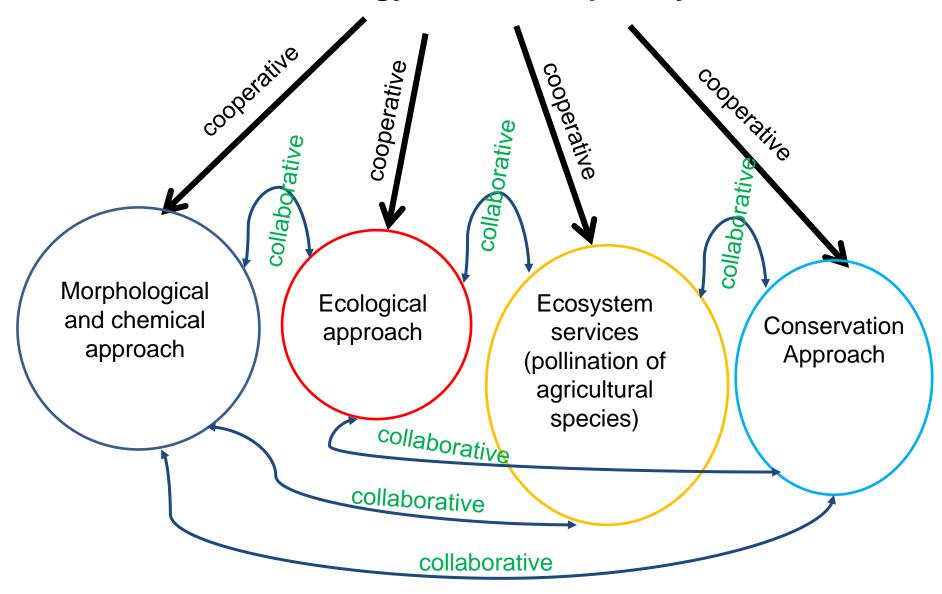
#### **Brazilian Plant-Pollinator Interaction Network (REBIPP)**



https://www.rebipp.org.br/

Kayna Agostini kaynaagostini@gmail.com

#### Pollination Biology: multidisciplinary studies



Multidisciplinary and interdisciplinary studies on Pollination Biology



#### **REBIPP:**

-collaborative network on Pollination Biology

#### **Our aims:**

- 1) Encouragement of collaborative studies among members;
- 2) Synthesis of plant-pollinator interactions in Brazil;
- 3) Integration of knowledge in pollination of natural, agricultural, urban and restored areas;
- 4) Identification of knowledge gaps;
- 5) Propose summaries for policymakers related to conservation of biodiversity and ecosystem services, including food production.

#### **How was REBIPP created?**





-Book: Biologia da Polinização

-Initiative after I Brazilian Symposium on Pollination, 2014







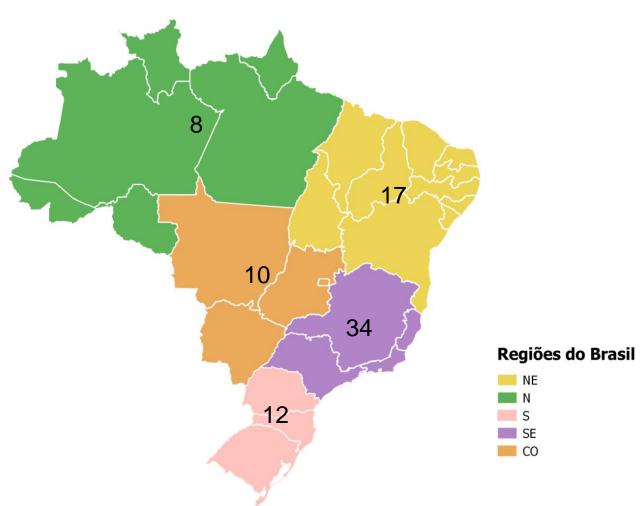
Talkings in 66° Congresso Nacional de Botânica and in XI Encontro sobre abelhas, 2015



1st REBIPP Meeting in II Brazilian Symposium on Pollination, 2016

## Rebipp has about 80 members from different parts of Brazil

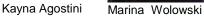






#### Coordination







Antônio Saraiva

Management Committee



André Rech



Isabela Varassin



Márcia Maués Leandro Freitas

Management & Fundraising

Inter-institutional relations

Education & Society

Research & Conservation

management organization and financing

National and international articulations and Public Policies

Courses, extension activities

Database, publications and projects



#### **REBIPP activities since 2016**



- 1) Organization three Workshops in 2017 and 2018 aiming at the development and maintenance of the Plant-Pollinator Interaction Database;
- 2) Development of Brazilian Assessment of Pollination, Pollinators and Food Production (2017 and 2018). Partnership between REBIPP and BPBES
- 3) Organization of the XII and XIII International Pollination Course (2017 and 2019);
- 4) Integration with other networks of Latin American countries, such as the Chilean Pollination Network (RCP) and Argentine Pollination Biology Network (BIPOLAR) (2018), SURPASS 1 e 2;
- 5) Participation in "Carta Catalão" in 2016 to propose a Public Policy for the Conservation of Pollinators under discussion in the Senate;
- 6) Revision of SUBSTTA about pollination to send to CBD (Canadá, 2018)
- 7) Development of the Brazilian Proposal for Conservation of Pollinators that will be sent to CBD in 2021 to be considered for COP 15 (China 2021)
- 8) Participation in Promote Pollinators as Observer (2021)
- 9) Contact with several research and teaching institutions in Brazil and abroad

#### Educational, Social and Scientific Activities



#### 1) International Pollination Course;

- Brazilian Assessment of Pollination, Pollinator and Food Production
  - 3) Plant-Pollinator Interaction Database



#### CARDOSO ISLAND - NOVEMBER 2017



Organização:

















Apoio:









#### **International Pollination Course**

#### 13º International Pollination Course

25 a 28/09/2019 - ERBot 28/09 a 06/10/19 - Pollination Course 39erbot@gmail.com

Serras, campos, matas e suas plantas fascinantes.



#### Educational, Social and Scientific Activities



# International Pollination Course; Course about Database Application or Ecological Interactions and Nature Conservation

### 2) Brazilian Assessment of Pollination, Pollinator and Food Production

3) Plant-Pollinator Interaction Database



Partnership with BPBES - Brazilian Platform for Biodiversity and Ecosystem Services





#### **IPBES Model**





# BRAZILIAN ASSESSMENT ON POLLINATORS, POLLINATION AND FOOD PRODUCTION



Photos: Carvalho, U. & Rosa, R. Cavalcante, M. C. Angel, C. Menezes, C.

General Coordinators: Marina Wolowski, Kayna Agostini

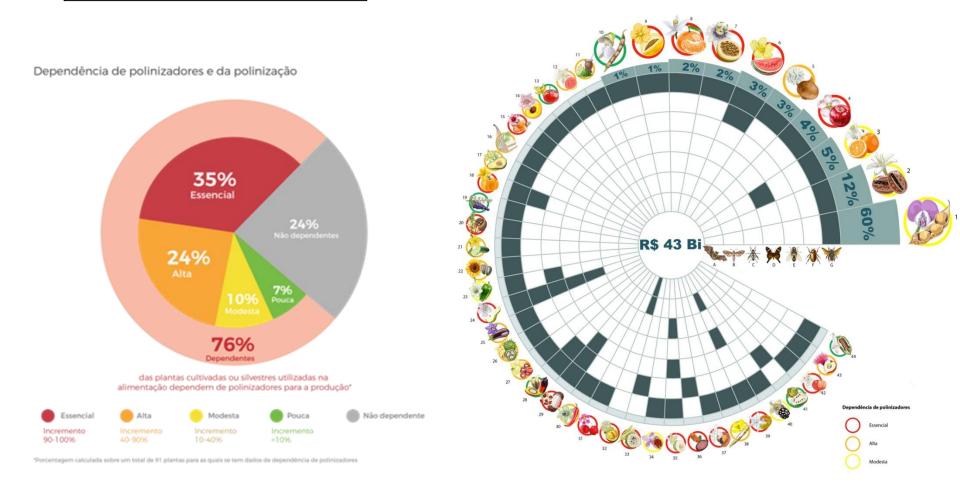
**Executive Coordinator**: Maíra Padgurschi

Authors: André Rodrigo Rech, Isabela G. Varassin, Márcia Maués, Leandro Freitas, Liedson Tavares Carneiro, Raquel de Oliveira Bueno, Hélder Consolaro, Luisa Carvalheiro,

Antônio Saraiva, Claúdia Inês da Silva

## Dependence of Crops on Pollinators

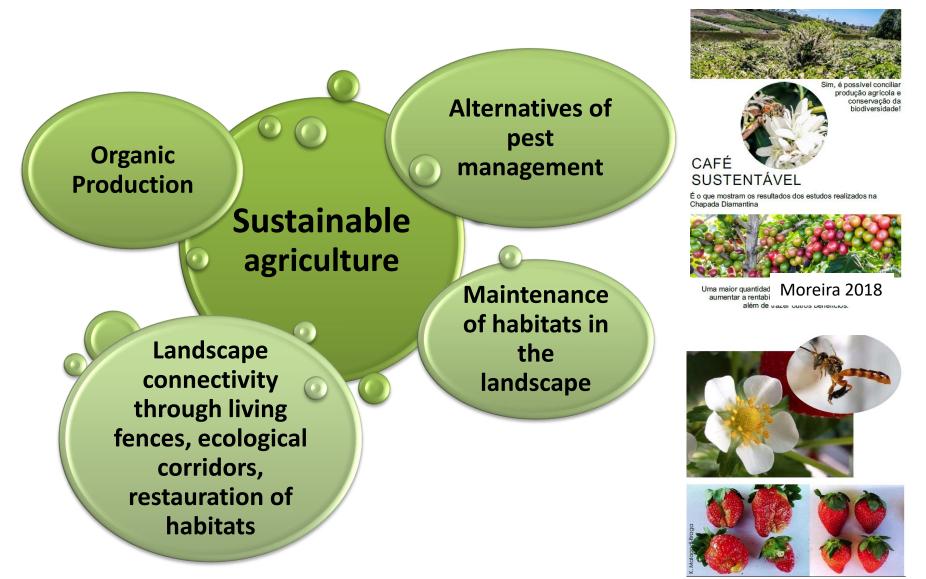
#### **Contribution of pollinators is R\$ 43 bi**



76% of plant species used for food in Brazil depends on the ecosystem service of pollination performed by animals

#### **Opportunities Available**

Despite the drivers and threats to pollinators, there are several opportunities available to improve pollinator service and mitigate the risks to pollinators:



#### Educational, Social and Scientific Activities



# International Pollination Course; Course about Database Application or Ecological Interactions and Nature Conservation

- Brazilian Assessment of Pollination, Pollinator and Food Production
  - 3) Plant-Pollinator Interaction Database

#### Organization of Biodiversity Data about Plant-Pollinatior Interaction





II Workshop – UFScar – August 2017







http://www.rebipp.org.br/

#### **Plant-Pollinator Interaction Database**

#### Aims:

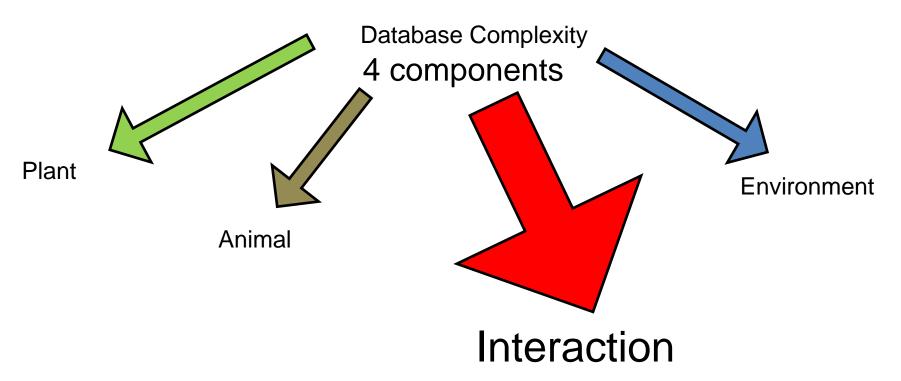
- elaborate a synthesis of plant-pollinator interactions in Brazil;
- identify knowledge gaps;
- encourage the development of research projects among REBIPP members.

#### Importance:

- support public policies for the conservation of biodiversity and ecosystem services;
- integrate knowledge in pollination of natural, agricultural, urban and restored areas.







"Unfortunately the Brazilian government has not yet signed the Coalition, but through the participation of REBIPP as an Observer of the Promote Pollinators we will be able to exchange experiences with other institutions and countries and more knowledge can be integrated to produce important actions for the conservation of pollinators at local (Brazilian Initiative on Pollinator Conservation), regional and global level."

#### Thank you!!!

#### Visit our website



www.rebipp.org.br