

APIMONDIA 2019 MONTREAL

International Apicultural Congress

8-12 September 2019

BEEKEEPING FOR RURAL DEVELOPMENT

**Sustainable Rural Development and Biodiversity Conservation with Bees
(*Apis* & *Meliponas*)**

PARQUE NACIONAL DEL MANU, MADRE DE DIOS, PERÚ

In the Amazonian rainforest of Peru, CEDE, with Consorcio Madre de Dios and Centro Genetico de Investigacion Apicola, develop a proposal for a beekeeping program "Woman and family, beekeeping for forest management", to support the Restoration of degraded areas, Conservation of Biodiversity, and Sustainable Development, through the management of *Apis mellifera* and native stingless bees.

The program promotes the installation of hives and capacity development, for the production of honey and pollen as a food supplement, to produce surpluses for the market, and to contribute to the pollination and conservation of Amazonian biodiversity.

With genus *Melipona* and *Trigona* of stingless bees, these apiaries are an example for schools and families to replicate the experience and install

similar hives in their yards or farms, to improve the family economy since the family productive unit.

As an alternative family enterprise with social inclusion, this program contributes to the sustainable rural development, improving the living conditions and food security of rural and marginal population, and indigenous peoples.

This venture constitutes a source of ancestral knowledge, at the same time as scientific knowledge, to achieve the Millennium Development Goals (MDGs) by 2030.

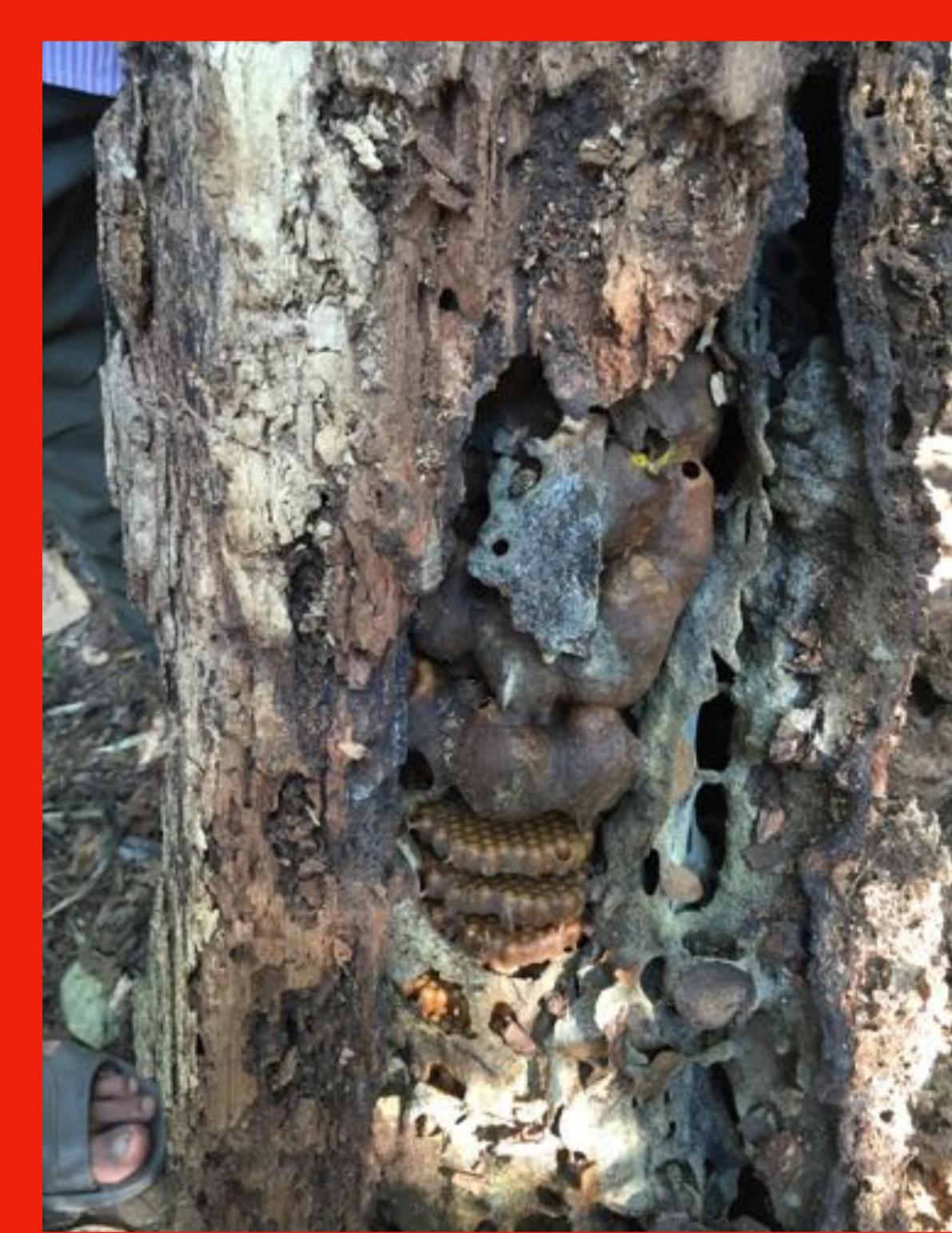
Presenter: Bruno Sanguinetti with the collaboration of, Luis Masias, Jose Lahura, Victor Valdivia, Jhon Farfan, David Duran, Emiliano Gonzales. Bruno Sanguinetti. cede@cede.ws
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Centro Genetico de Investigacion Apicola



TRASIEGADO DE MELIPONAS



CAMPO EXPERIMENTAL APIS (AFRICANIZACIÓN)



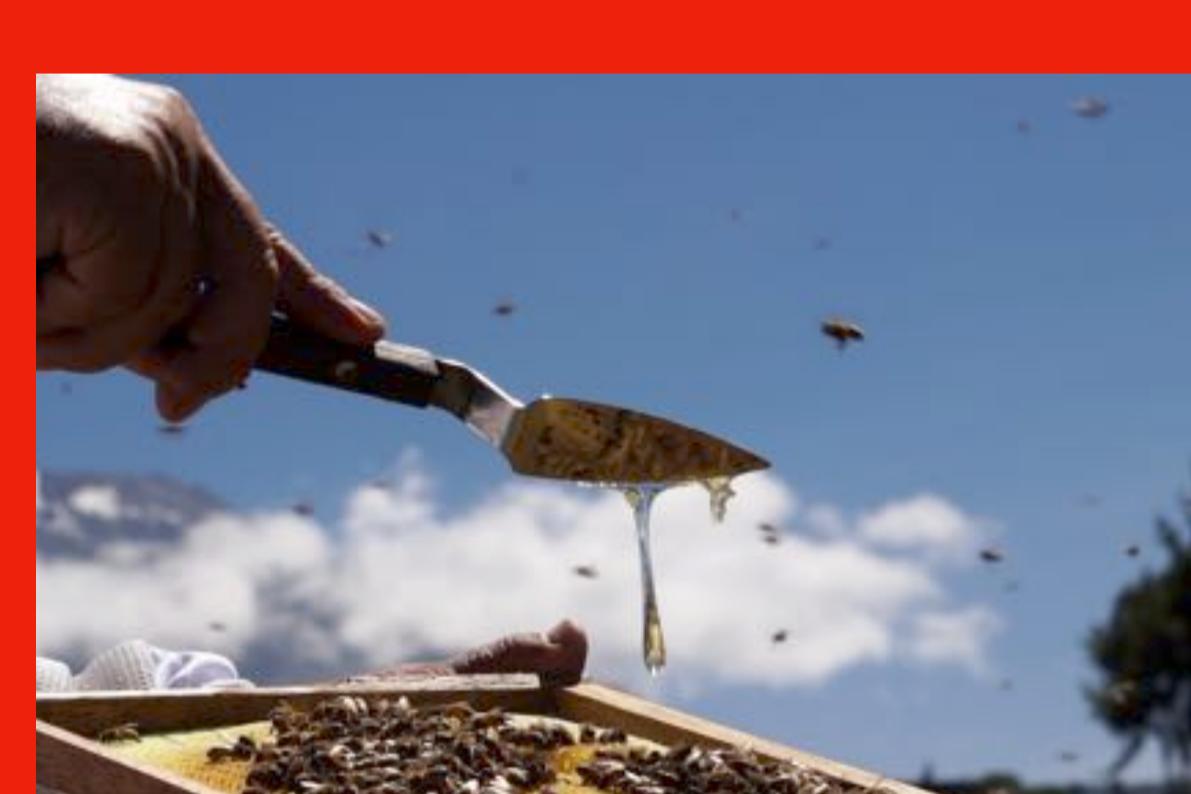
MELIPONAS EN TRONCO DE ÁRBOL



MELIPONAS EN COLMENA ECOLÓGICA



CAMPO EXPERIMENTAL APIS (AFRICANIZACIÓN), MADRE DE DIOS



CAPTURA DE DATOS EN CAMPO EXPERIMENTAL DE APIS

CAPTURA DE DATOS EN CAMPO EXPERIMENTAL DE APIS

CAMPAMENTO DE MELIPONAS

POTES DE MIEL MELIPONAS

COLMENA ECOLÓGICA SIN PEGAMENTOS NI CLAVOS

CAMPAMENTO DE MELIPONAS

