

mission

Tropical forest ecosystems are being converted at a rapid pace for agriculture or urban development, and it is of fundamental importance to understand how this biodiversity contributes to maintaining ecosystem services, how it may provide resources for human welfare and whether these environmental changes may critically alter this biodiversity.

French Guiana, an overseas region of France, is an ideal natural laboratory for tropical biodiversity, gathering an unparalleled scientific expertise in the fields of biodiversity research, tropical medicine, tropical forestry, and evolutionary ecology.

The Laboratoire of Excellence CEBA (CEnter for the study of Biodiversity in Amazonia) brings together various internationally recognized French research teams involved in biodiversity research in Amazonia. It fosters cutting-edge research on biodiversity in French Guiana, promotes collaborative research with South American countries, addresses the need for transferring the results of basic research to society and contributes to education and training. The CEBA is also a key partner in the setting-up of public policy regarding environmental management in Guiana.

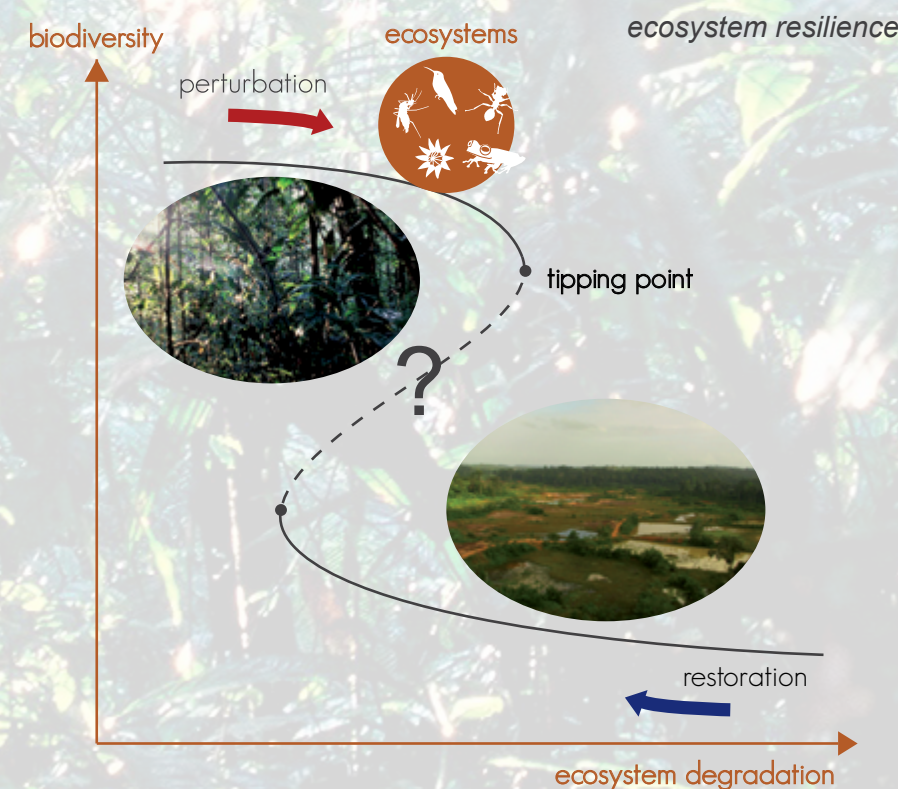
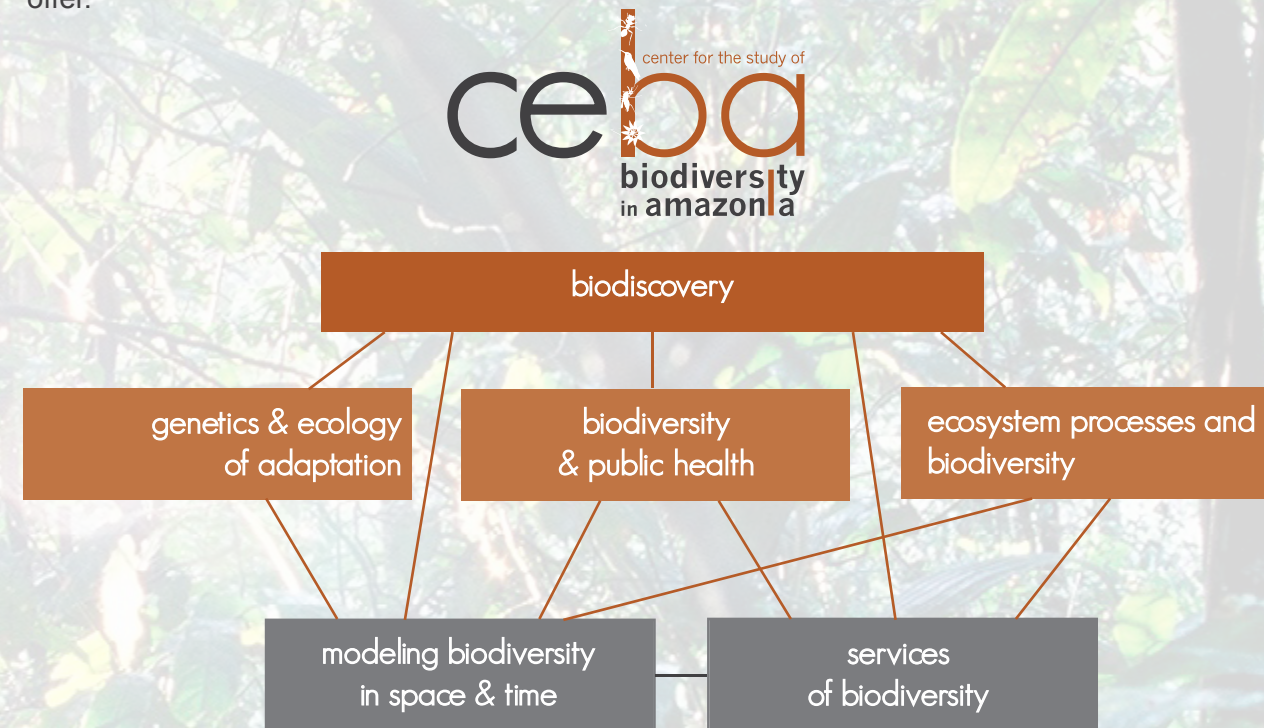
Because of its networked structure, its focus on scientific excellence and its long-term means, the CEBA is in a unique position to promote innovative research in the field of biodiversity in French Guiana, and act synergistically with stakeholders and the academic world.



Callichlamys latifolia
Preparation of a remedy
against leishmaniasis by
F. Kuyuli in Trois Sauts

science

The CEBA science project is structured around six main work packages including four main themes: biodiscovery of Amazonian land ecosystems, understanding of genetic processes and ecology of adaptation, links between biodiversity, emerging diseases and public health, and comprehension of the mechanisms that rule ecosystems processes. The results drawn from these major themes are integrated into models for predicting scenarios for Amazonian biodiversity. They are also used to gather knowledge on the services that biodiversity offers or could offer.



For more information: www.labex-ceba.fr

teams

The research teams involved in the CEBA are all active in scientific research and academic education in French Guiana.

Equipes en Guyane	Equipes en France Métropolitaine
UMR ECOFOG Kourou	UMR BIOGECO Cestas
UMR AMAP - herbarier IRD de Guyane Cayenne	UMR EDB Toulouse
USR mixte LEEISA Cayenne	UMR ICSN Gif sur Yvette
Institut Pasteur Guyane Cayenne	UMR MIVEGEC Montpellier
EA EPaT Cayenne	UMR Silva Nancy
UMR LC2S Antilles	UMR ISEM Montpellier
	UMR ECOLAB Toulouse



Eperua falcata

Eufriesea ornata



Only a small part of biological diversity has been described thus far. Understanding the way living organisms have evolved on our planet is a major scientific challenge.

Hypsiboas dentei

ceba
www.labex-ceba.fr

Conception : CNRS-Guyane. Picture credits : Antoine Fouquet, Sean Mc Cam, Guillaume Odonne, Tim Paine, Alan Reguer.



laboratoire
of excellence
ceba
center for the study of
biodiversity
in amazonia

