

# RBINS GTI projects

## A 10 years success story!

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- RBINS and 2 institutions: VNMN and RUPP
- Collaboration between taxonomists working on Insects





# First step: 2007

## Visit of Mr Pham Hong Thai

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- GTI project involving H.T. Pham and J. Constant with support of Dr P. Grootaert, Head of the Entomology Department.
- Training in Taxonomy and collection management.
- 5 visits to RBINS financed by GTI, one month each.
- Main subject: taxonomy of Cicadidae and Fulgoromorpha.



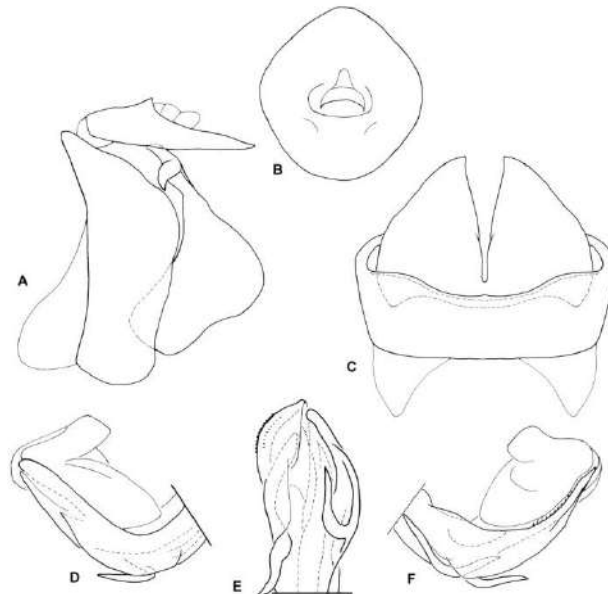
# From local to international impact

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- First papers by H.T. Pham: faunistic lists and keys in Vietnamese, based on available literature.
- Training in genitalia dissection techniques, drawing, building of a paper for international journals – Access to literature.
- First subject: description of 2 new species of Issidae from S Vietnam.



*Hemisphaerius cattienensis* sp. nov.



# New start in 2010

## GTI project in Vietnam (RBINS-IEBR)

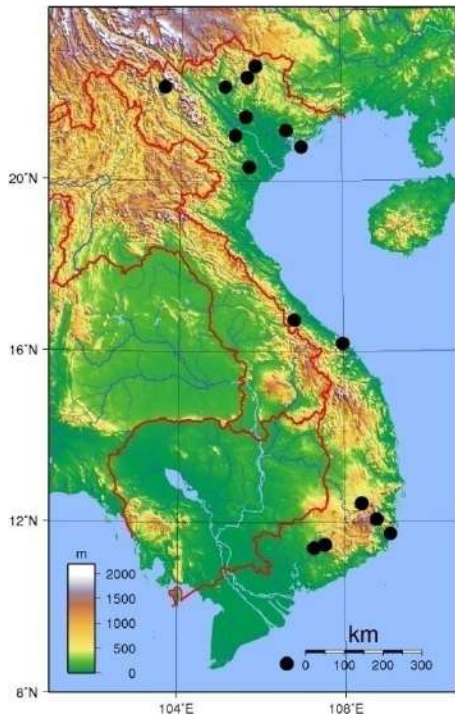
- Inventories of different groups of insects in protected areas.
- Training in field collecting techniques.
- Evaluation of the entomology collections.
- Guidance in insect collection management.



# GTI project in Vietnam 2010-2016

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- 20 sampled locations all over Vietnam.
- 24 weeks of fieldwork.
- 5 symposiums in IEBR and VNMN.



# GTI project in Vietnam

## 2010-2016 – Results

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- 20+ papers in peer-reviewed journals.
- 14 new species of planthoppers.
- 5 new species of cicada – identification keys.
- 2 new genera and 8 new species of stick insects.

...many more to come!



*Orthophana maichiae* Constant & Pham, 2016



*Phryganistria heusii yentuensis* Bresseel & Constant, 2014

# New addition in 2016

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New partner of the GTI project:  
Royal Phnom Penh University (Cambodia).

- Regional cooperation in SE Asia.
- Sharing knowledge and expertise in entomology.
- Promote joint fieldwork.





# Dr Pham Hong Thai...

Step by step...

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- Researcher IEBR, dept of insect systematics.
- PhD in Taiwan.
- VNMN: Head of the Specimen Collections Management Department.
- VNMN: Director - Centre for Insect Diversity and Systematics.



# The Future

## GTI project in Vietnam

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- Go on sampling poorly documented zones (Vietnam = Biodiversity Hotspot).
- Description of the Vietnamese entomofauna.
- Congress on Vietnamese Biodiversity management in 2017.



# The Future

## Centre for Insect Diversity and Systematics

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- National reference collection.
- Research centre on insect taxonomy and other aspects of entomology (faunistics, biology, phenology).
- Building a digital collection of the types of Vietnamese species preserved abroad.



# GTI project in Cambodia

## ORIGIN

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- Meeting with Mr Sophany Phauk in Brussels (2015).
- Prospective fieldwork in 2015 – Training of 5 RUPP-CEI students.
- 2 days workshop at RUPP (30+ students).
- Cambodian Entomology Initiative.



# GTI project in Cambodia

## 2016

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- Collaboration with Vietnam National Museum of Nature.
- Field training of 4 RUPP-CEI students.
- Workshop in RUPP.



# GTI project in Cambodia

## OUTPUTS

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- New species and new records of Fulgoromorpha.
- New species and new records of Phasmida.
- New records of Cicadidae.

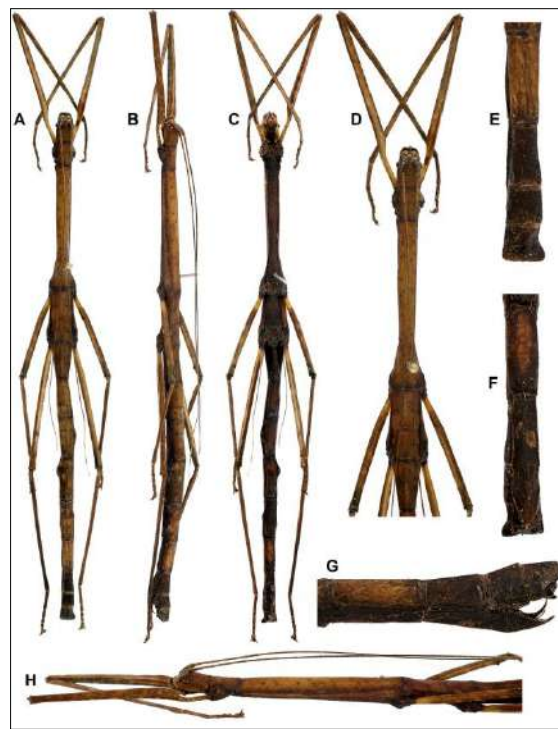
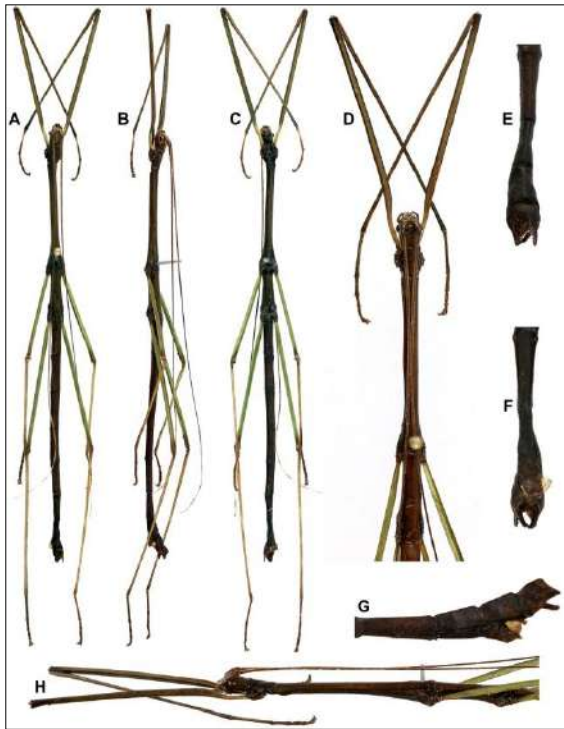


# GTI project in Cambodia

## PERSPECTIVES 2017

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- Training in Taxonomy: one month in RBINS for 2-3 students.
- Training in field work and field taxonomy for 4-5 students.
- New papers on Cambodian insects.



# Or koon! Thank you! Cam on! Dank U! Merci!

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