



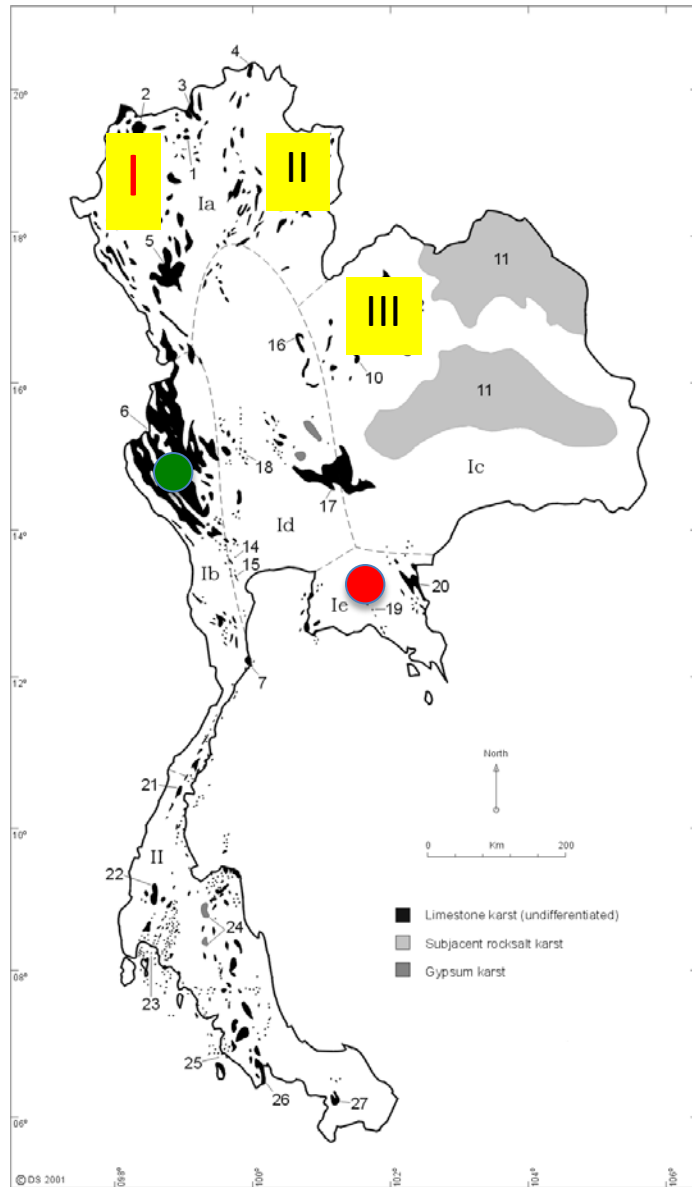
Cave-Dwelling Bats in Thailand: Conservation Status, Threats & Needs

Presented by:

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1. National Karst Area: ?? km²



● Caves surveyed

● Bats surveyed

● Priority area for cave bat surveys

Karst and Caves

2. Cave Survey Areas:

● Sai-Yok Kanchanaburi
● *Craseonycteris thonglongyai*

● Cha-Gun, Srakaew
● *Hipposideros lekaguli* &
Tadarida plicata

3. Priority Areas for Future Cave Bat Surveys:

I - Mae Hong Son, Northern
II - Nan, Northern
III - Loei & Pechaboon, North-Eastern



Thai Cave Bats: What we know

1. Major Cave Bat Colonies

- Khao Chong Pran ~2.6 millions
- Tum Chao Ram ~1 millions
- Tum Pha Ta Pol ~1 millions
- Khao Wong ~1 millions

2. Cave Bat Species Richness

- *Tadarida plicata*
- *Taphozous melanopogon*

3. Priority Cave Bat Species for Conservation

- Khao Wong
- Cha-Gun



Current Threats to Cave Bats

Type of Threat	Occurrence	Urgency	Importance
Collection of guano	3	3	6
Tourism	2	2	4
Religion activity	1	2	3
Hunting	1	2	3

Occurrence: 1= Localized; 2= Widespread; 3= Nationwide.

Urgency: 1= Low; 2= Medium; 3= High.

Importance: For conservation attention



Current or Recent Cave Bat Research

Type of Research	Location	MajorAims	Contact Person/ Institution
Species survey, Habitat and Microhabitat	Sai-yok, Kanchanaburi	Kitti's Hog nose bat conservation in 905 area (Royal Project) Sai-yok, Kanchanaburi.	Bureau of conservation, Research and Education, ZPO Thailand
Study of bats ecology and their risks for emerging infectious diseases	Eastern forest complex	Surveillance of NiV in bats	Kasetsart university and WHO-CC for Research and Training on Viral Zoonoses, Chulalongkorn University



Current Cave Bat Conservation Activities

Type of Activity	Location	MajorAims	Contact Person/ Institution
Workshop & Seminar	Kao Keaw Open Zoo	Share the knowledge between bat researchers and educators	Bureau of conservation, Research and Education, ZPO Thailand
Research & Workshop	Bangkok and Eastern forest complex	Surveillance of NiV in bats	Kasetsart university and WHO-CC for Research and Training on Viral Zoonoses, Chulalongkorn University



Future Needs for Cave Research & Conservation in Thailand

Action or support needed	Importance	Justification
Advance Technologies for population monitoring	1	Bats population were tendency decrease in many caves but still lack of scientific data
Guano mining guidelines	2	Main negative impact
Tourist guidelines	3	Disturbance activity