SEABCRU Cave Bat Workshop
July 7-8, 2012
Hat Yai, Thailand

Objectives

Develop rapport with each other and workshop facilitators such that they are comfortable communicating and collaborating together.

Share information about cave bat issues and work being done in SE Asia.

Gain knowledge to design monitoring protocols for cave bats.

Ice Breaker

A Picture Says it All:

Use of Photography to Survey (Monitor?) Bats

David L. Waldien, Bat Conservation International
Nina R Ingle, Wildlife Conservation Society of the Philippines
Rhonson Ng, Speleo Davao

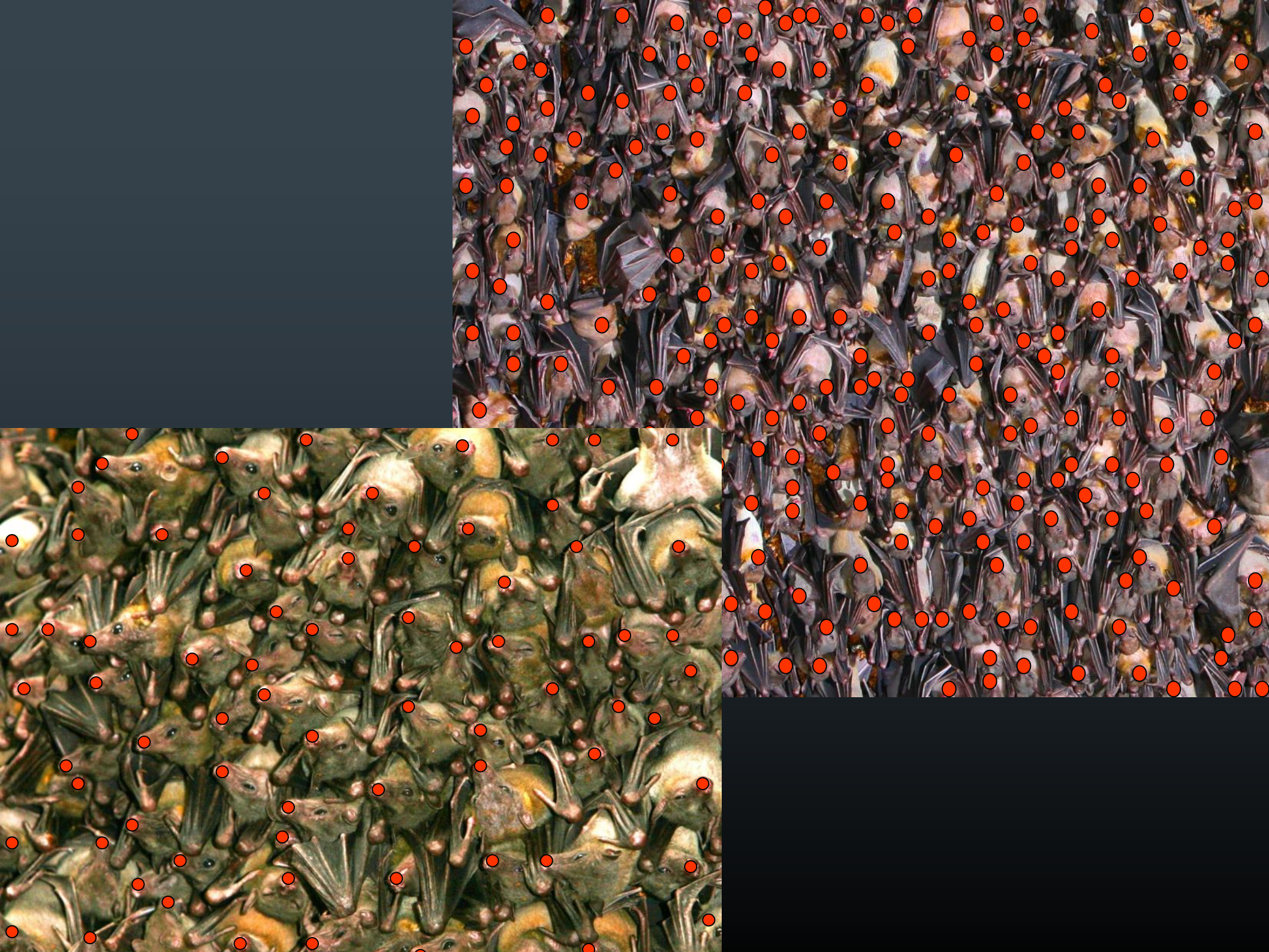
Monfort Bat Cave, IGACOS, Davao del Sur

Methods

-Canon 5D

-40 images

- 22 walls
- 16 ceilings
- 2 neither wall nor ceiling



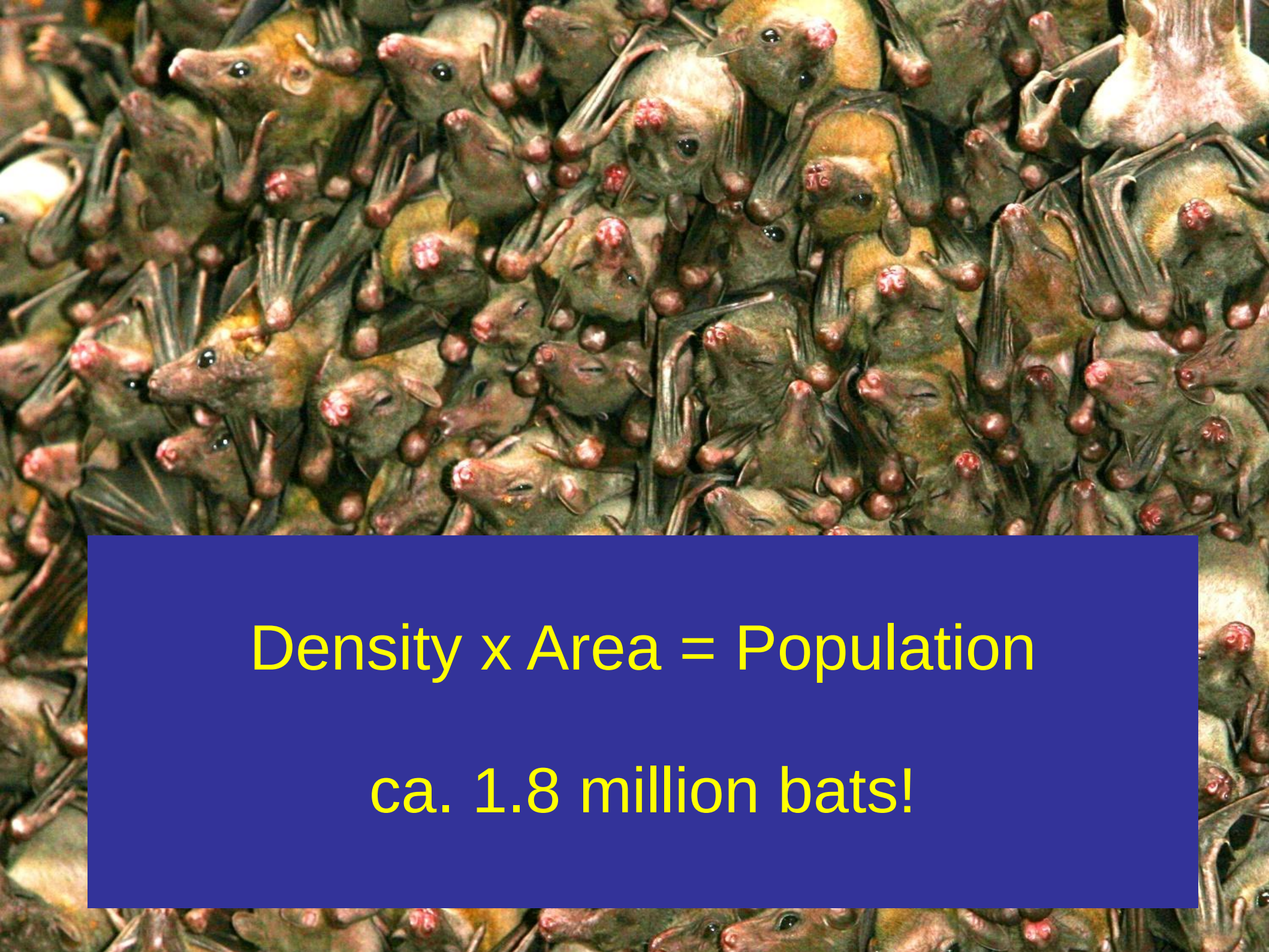
Mean Density

Wall = 366 bats/m²

Ceiling = 437 bats/m²

$P = 0.13$

Overall Average = 422 bats/m²



Density x Area = Population

ca. 1.8 million bats!

(Borja Cave) ©Dennis Ararao

(Borja Cave) ©Dennis Ararao

Rousettus amplexicaudatus with roost stain (Borja Cave) ©Rhonson Ng

Rousettus amplexicaudatus with young (Borja Cave) ©Rhonson Ng

(Bundok Cave) ©Rhonson Ng

Rhinolophus sp. (Borja Cave) ©Rhonson Ng

Hipposideros cf. *diadema* (Borja Cave) ©Rhonson Ng

Miniopterus sp. (Bundok Cave) ©Rhonson Ng

Emballonura alecto (Bundok Cave) ©Rhonson Ng

Limitations

Cost can be limiting

Disturbance can be high to obtain good photos

Identification of species can be incomplete

Unknown error on the surface area of the cave

Unknown error associated with the roosting density

Other???

Acknowledgement

Bat Conservation International

DENR Region 11

Norma Monfort, Monfort Bat Cave and Conservation Foundation

Philippine Bat Conservation Inc.