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Pacific Conservation Biology

Supplementary Material

Factors affecting crop damage by elephants in the buffer zone of Huai Kha Khaeng, a world heritage site

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Supplementary Material I

The questionnaire used to interview villagers who stayed in the main five villages and were farmers.

Interview form "Community information regarding crop damage by wild elephants"

Village.....Sub-district..... District Province.....

Objective:

- 1) Understand the crop damage patterns
- 2) Sample the attitudes of the community living around the forest towards large mammals including elephants

Part 1 General data of the interviewee

1. Age < 20 years old 21 - 30 31 - 40 41 - 50 51 - 60 >60

2. Gender Male Female

3. How long have you lived in this village?

1 yr 2-5 yrs 5-10 yrs > 10 yrs

4. Your occupation

5. The XY coordinates of interviewee's house: X.....Y.....

Size of farm area.....Rai (1 rai = 1600 m²)



A map showing the location of the houses, and roads within the community.

6. The location of farm

Plot 1: X.....Y.....Size of area.....Rai

Plot 2: X.....Y.....Size of area.....Rai

Plot 3: X.....Y.....Size of area.....Rai

7. Land rights Land owner Renting land other

8. Crop types grown per year

Crop	Size of area (rai)	The period for planting		
		plant	fruiting	harvesting
1. Rice				
2. Corn				
3. Cassava				
4. Sugarcane				
5. Rubber				
6. Pineapple				
7. Other.....				
8. Other.....				
9. Other.....				
10. Other.....				

9. Water sources for agriculture

- Rely on natural water sources such as rainwater, creeks and natural canals
 Farm pond; Size <500 m³ 500-1000 m³ >1000 m³ other(.....)



A map showing the location of the cropland, roads, streams, and farm ponds.

10. Is there any livestock in your area? Yes No

11. Animal type include Cow/Buffalo Sheep/goat Chicken.....
 Pig the other

Part 2 Impact/Damage by wild elephants

12. Have your fields been damaged from wild elephants? Yes No (If not, please continue to question number 15)

13. Damage/impact from wild elephants

Crop type	Month	Frequency (per month)	Size of damage (per rai)
1. Rice			
2. Corn			
3. Cassava			
4. Sugarcane			
5. Rubber			
6. Pineapple			
7.			
8.			
9.			
10.			

14. Trend of crop-raiding in the past 10 years from 2010-2019

- Increasing Stable Decreasing

15. Have you changed the types of crops that you planted in the past 10 years from 2010-2019?

- Changed Not changed

16. Why did you change the type of crop?

- Wildlife Crop-raiding other

- No animal crop-raiding

- Crop prices Increasing Stable Decreasing

