

Bushmeat consumption and environmental awareness in rural households west of Taï National Park, Côte d'Ivoire

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SUPPLEMENTARY MATERIAL 1 Survey conducted in villages in the Taï and Djouroutou areas west of Taï National Park, Côte d'Ivoire.

SOCIOLOGICAL STUDY
Interviewee's authorization:

Sheet no.:
Date of survey:

I. IDENTIFICATION AND SOCIO-ECONOMIC ASPECTS

1. Town/Village:
2. Name of interviewee:
3. Age or birth date:
4. Sex:
5. Ethnic group:
6. Are any animal species taboo locally? If yes, which species?
7. What is your religion? Nothing Christian Muslim Buddhist Other (please specify)
8. Level of education? Illiterate Elementary High school University
9. How many people in your household do you have to care for?
 Number of children (<18 years) Number of dependent children going to school
10. Primary (1st) and Secondary (2nd) economic activity of interviewee: Farmer Trader Government official Hunter
 Retired Unemployed Other (please specify)
11. Estimated household income

Family assets	Quantity or yield per hectare	Age (Min., Max.)	Cost per unit (Min., Max.)	Total cost, CFA (Annual income calculated by supervisor)
Goat				
Pig				
Sheep				
Chicken				
Cow or beef				
Other animals (e.g. fish, snails)				
Cocoa plantation				
Rubber plantation				
Coffee plantation				
Logging				
Pit-sawing				
Oil palm plantation				
Other agriculture (rice, cassava, vegetable)				
Other agriculture:				

II. FOOD CONSUMPTION HABITS AND MEAT PREFERENCE

12. Where does your food come from?

Origin of your food	Vegetables, fruits, tubers, etc.	Domestic meat	Fish	Bushmeat

Your field/farm				
From the market				
From the forest (Tai National Park, Cavally forest, Grebo forest in Liberia, etc..)				
Form the river				
Street seller				
Hunter				
Breeding				
Restaurants				
Other origin				

13. When there is an important festivity (party), which type of meat do you prefer to eat? Rate answers in order of importance (1st, 2nd, 3rd, etc.).

Bushmeat with sauce/soup: Duikers Monkeys Rodents Other (please specify)

Farmed meat with sauce/soup: Chicken Goat Pig Other (please specify)

Fish with sauce/soup

14. Why do you prefer this meat or fish? Rate answers in order of importance (1st, 2nd, 3rd, etc.)

Low price Availability Taste good Healthy Meat quality Tradition/culture Local belief

15. Which of the meats below do you eat regularly?

	Have you ever eaten it?	Date of last consumption	How often do you eat these meats or fish? (daily, weekly, monthly, yearly)	Where do you eat it? (restaurant or home)
Livestock				
Chicken				
Fish				
Duiker				
Chimpanzee				
Monkey				
Pygmy hippopotamus				
Snake				
Rodent				
Bushpig				
Snail				
Frog				
Bird				
Other				

III. PUBLIC PERCEPTIONS OF THE BUSHMEAT TRADE AND CONSERVATION ISSUES

16. Do you think the bushmeat trade in transboundary markets between Liberia and Côte d'Ivoire contributes to the decrease in the number of animals in the forest? Yes No I don't know Give a reason for your answer.

17. Are there any risks associated with the consumption of bushmeat? Yes (please specify) No I don't know

18. Have you participated in any awareness activities? Yes No. If yes, complete the following table.

	Theatrical performance	Film screening	Meetings about environmental conservation	Other: circle your answer (TV, movies, radio, friends, colleagues)
Organization conducting the awareness activity				
How many times did you participate?				
Year of participation				
Place/locality				

19. Do you think that awareness activities changed your behaviours? Yes (please specify) No

20. Consumption of meat and fish in the family

Days of the survey	Species	Types/state		Quantity (kg) or number of pieces	Cost (CFA)	Number of days taken for consumption	Consumer number	Origin
		Fresh	Smoked					
2 days before survey								
1 day before survey								
Day of the survey								

Thank you very much!

TABLE S1 Bushmeat species consumed by rural households west of Taï National Park, Côte d'Ivoire (Fig. 1).

Order	Family	Latin name	Common name	Mass (kg) consumed by 144 households over four visits
Artiodactyla	Bovidae	<i>Cephalophus dorsalis</i>	Bay duiker	0.61
		<i>Cephalophus maxwelli</i>	Maxwell's duiker	4.135
		<i>Tragelaphus scriptus</i>	Bushbuck	5.67
Primates	Cercopithecidae	<i>Cercopithecus petaurista</i>	Lesser white-nosed monkey	0.32
	Colobinae	<i>Ptilocolobus badius</i>	Red colobus	1.55
		Unidentified primate	Monkey	0.42
Pholidota	Manidae	<i>Phataginus tricuspis</i>	White-bellied pangolin	1.52
		<i>Smutsia gigantea</i>	Giant ground pangolin	0.46
Carnivora	Viverridae	<i>Civettictis civetta</i>	African civet	1
Rodentia	Hystricidae	<i>Atherurus africanus</i>	Brush-tailed porcupine	1.35
	Nesomyidae	Unidentified <i>Cricetomys</i>	Forest giant pouched rat	6.27
	Thryonomyidae	<i>Thryonomys swinderianus</i>	Greater cane rat	3.63
Bucerotiformes	Bucerotidae	<i>Ceratogymna atrata</i>	Black-casqued hornbill	0.32
		<i>Ceratogymna elata</i>	Yellow-casqued hornbill	0.08
		<i>Tockus fasciatus</i>	African pied hornbill	0.16
Passeriformes	Ploceidae	<i>Ploceus cucullatus</i>	Village weaver	0.02
Testudines	Testudinidae	Unidentified Testudinidae	Common tortoise	1.84
Crocodylia	Crocodylidae	Unidentified Crocodylidae	Forest crocodile	1.1
Squamata	Pythonidae	<i>Python sebae</i>	African rock python	0.54