

Appendix 1

Questionnaire for bushmeat hunters

Hello, my name is _____ and I am a researcher with the Botswana Predator Conservation Trust. I am here today because I would like to interview you as part of a project to understand the social and economic roles that hunting and wild meat consumption play in local communities. We would also like to ask questions about hunting so that we can better understand the practice. The survey is voluntary, and if you agree to participate, you may decline to answer any questions or end the interview at any time. All responses will be kept strictly confidential and all interviewees will be anonymous. Information will not be used against you in any way, including regarding illegal activities. We are here merely so that we can understand the community's perspective on the hunting tradition and how important it is to your livelihood. The interview will take approximately 45 minutes.

Are you willing to participate in this research?

Evaluator Name.....

Date of survey.....

Village..... Cattle Post :.....

GPS Coordinates S :.....
 E :.....

Language of Interview.....

Respondent ID.....

BACKGROUND

- 1) How old are you?..... 2) Gender: Male Female
- 3) What is your ethnicity?.....
- 4) Where is your home village?.....
- A) [IF DIFFERENT FROM CURRENT VILLAGE] How long have you lived in your current village?
.....
- 5) What is your position within the community?.....
- 6) What is your highest level of education?.....
- 7) How many adults are in your household?..... How many children?.....
- 8) How many children are going to school?.....
- 9) Are you or anyone else in your household employed?
- No [SKIP TO QUESTION 10]
 - Permanent position, as.....
 - Part time position, as.....
 - Seasonal work as.....during the months of.....
 - Self-employed, as.....
- A) If yes, how much income does your household get from employment per month?.....
- 10) Does your household receive any income from farming crops? No Yes
- A) Which months does your household harvest its crops?.....
- B) If you sold your entire harvest, how much income would you receive?.....
- 11) How many livestock does your household own? None [SKIP TO QUESTION 12]
- Cows:..... Goats/Sheep:..... Horses:.....
- Donkeys:..... Chickens:..... Other:.....
- A) How much income did your household earn from livestock in the last year?.....
- 12) Does your household receive any government assistance? Yes No [SKIP TO QUESTION 13]
- A) What type?.....
- B) How much?.....
- C) When?.....

13) Does your household receive income from any source other than direct employment, crops, livestock, or government assistance?

No Yes, specify..... How much per year?.....

14) Which months do you receive the most income?.....

15) Which months do you receive the least income?.....

FOOD SECURITY

16) In the last 12 months, did *you or anyone else* in your household ever cut the size of your meals or skip meals because there wasn't enough money for food?

Yes No Don't know

A) [IF YES] how often did this happen?

Almost every month Some months but not every month
 Only 1 or 2 months Don't know

B) [IF YES] Which months of the year does someone skip meals/reduce meal size most often?

.....

PROTEIN CONSUMPTION

17) Which types of protein do you eat most often, and why?

Type 1:..... because
Type 2: because
Type 3: because

18) How far from your home is the nearest butchery that sells meat every day?.....

19) Of the three types of protein you BUY most frequently, how much do you typically buy, and how much do you typically pay?

Type 1:..... Amount:..... Cost:.....
Type 2:..... Amount:..... Cost:.....
Type 3:..... Amount:..... Cost:.....

20) Do you prefer red meat or white meat? Red meat White Meat No Preference

A)Why?.....

21) Do you prefer bushmeat or meat from livestock? Bushmeat Livestock No Preference

A)Why?.....

22) For each of the following protein sources, how often do you eat it and where did you get it from.

Protein Type	Daily	Weekly	Monthly	Rarely	Never	Source
Beef						
Sheep and Goats						
Chicken						
Fish						
Eggs						
Milk						
Bush-meat						
Beans						
Other, please specify						

Bushmeat Hunting

23) How often do you hunt?.....

24) Why do you hunt?.....

25) For how many years have you been hunting?.....

26) Which species do you target when you hunt?

1..... 2..... 3.....

27) Which species do you catch most often?

1..... 2..... 3.....

28) When you go hunting, do you think the chances of being caught are high, medium, or low?

- High
- Medium
- Low
- Don't Know

29) Have the risks of being caught increased, decreased, or stayed the same over the last five years?

- Increased
- Stayed the same
- Decreased
- Don't Know

30) Have you ever been caught? Yes No [IF NO, SKIP TO QUESTION 29]

A) How many times?.....

B) Who caught you each time?.....

C) What were the consequences of being caught each time (i.e. did you receive punishment and if so, what)?.....

31) Have you ever received assistance with hunting from game scouts or other staff working in the Wildlife Management concessions? No Yes

A) [IF YES] How and how often?.....

32) Have you ever encountered, or are you aware of, any hunters in this region who are not from local villages? No Yes

A) [IF YES] explain how often, where, and where they came from:.....

33) Where do you typically go hunting [USE MAP]?.....

A) Why do you hunt in these areas?.....

34) What hunting methods do you use? Firearms Snares Gin Traps Dogs
 Hunting from horseback with: Guns Spear/Machete Ropes

A combination of methods:..... Other:.....

35) Why do you use those methods?.....

36) [IF THEY USE MORE THAN ONE]:

A) When do you use each method?.....

D) Is there a difference in the risk of being caught associated with each method? Yes No

[IF YES] what?.....

37) [IF MULTIPLE METHODS] does the hunting method vary with season, moon phase, or other factor?

Doesn't Vary Season Moon Phase Other.....

A) [IF VARIES] How?.....

38) Does the frequency with which you hunt vary with the season, moon phase, or any other factor?

Doesn't Vary Season Moon Phase Other.....

A) [IF VARIES] How?.....

39) How many hunting trips do you make per year?.....

40) How long (time period) is your typical hunting trip?.....

A) Maximum time?.....

41) What is the typical distance that you travel when you hunt?.....

A) Maximum distance?.....

42) At what time of the day do you hunt?.....

A) Do you ever hunt at night? Yes No

43) How many other people do you typically hunt with?.....

44) How do you transport meat? Horse/Donkey Makoro Vehicle Other:.....

Sitatunga																			
Steenbok																			
Tsessebe																			
Warthog																			
Waterbuck																			
Wild Cat																			
Wild Dog																			
Wildebeest																			
Zebra																			
Other spp. Specify																			

Selling Meat

53) What proportion of the meat that you catch do you sell? 0% 25% 50% 75% 100%

A) What do you do with the remainder?.....

B) Do you ever give meat away to people who are not in your household? No Yes.....%

[IF SELL 0%, SKIP TO NEXT SECTION]

C) Does this amount vary seasonally? Yes No

D) If yes, how?.....

54) How much money do you earn per month from hunting?.....

55) When selling game meat, do you:

Always sell for cash

Sometimes sell for cash, sometimes barter for goods (if so, what goods do you trade for meat?).....

Always barter for goods (if so, what goods do you trade for meat?).....

56) When you sell game meat, what price do you get per kg?.....

57) Do you vary the price depending on the species you are selling? No Yes

IF YES] Which species are most expensive?.....

least expensive?.....

8) What species do buyers prefer?

1).....2).....3).....

59) Are there species that some people won't buy? Yes No

A) If yes, what?.....

B) Why?.....

60) Do you ever lie about the type of meat you are selling? Yes No

61) What proportion of meat do you sell as dry?.....% dry

62) Where do you sell meat that you hunt?.....

63) Where are most of the people who buy meat from?.....

64) Who (e.g. ages, professions, sexes) do you sell to?.....

65) Do the people who buy your meat consume it themselves or sell it to other people?

- Eat Themselves Sell to other people Mix Don't Know

A) If sold on, do they sell locally or transport it elsewhere?

- Sell locally Transport elsewhere Mix Don't Know

B) If transported, to where?.....

Method-specific Questions – Firearms

What type and caliber of firearm do you use?.....

Where do/did you get the firearm?.....

How much did the firearm cost?.....

How much does ammunition cost per bullet/round?.....

In what habitat do you use firearms?.....

Which species do you target with firearms?.....

How high are the risks of being caught when using firearms? High Medium Low

A) Why?.....

B) Are you worried about someone hearing the shot? Yes No

C) [IF NO] why not?.....

What proportion of hunting trips with firearms are successful? 25% 50% 75% 100%

Snares

What type of snare do you use?.....

Where do you get the material?.....

How much does the material cost?.....

How many snares do you use on each hunting trip?.....

In what habitat do you use snares?.....

Which species do you target with snares?.....

How high are the risks of being caught when hunting with snares? High Medium Low

A) Why?.....

What proportion of hunting trips with snares are successful? 25% 50% 75% 100%

Gin Traps

What size trap do you use?.....

Where do you get the trap?.....

How much does the trap cost?.....

How many traps do you use on each hunting trip?.....

In what habitat do you use Gin Traps?.....

Which species do you target with Gin Traps?.....

How high are the risks of getting caught when using traps? High Medium Low

A) Why.....

What proportion of hunting trips with traps are successful? 25% 50% 75% 100%

Dogs

How many dogs do you hunt with on each hunting trip?.....

Do the dogs kill the animals or do the hunters? Dogs Hunters Mix

A) [IF HUNTERS OR MIX] How do the hunters kill the animals?.....

In what habitat do you hunt with dogs?.....

Which species do you target with dogs?.....

How high are the risks being caught when hunting with dogs? High Medium Low

A) Why.....

What proportion of hunting trips with dogs are successful? 25% 50% 75% 100%

Hunting from horseback

How many horses do you hunt with on each hunting trip?.....

In what habitat do you hunt on horseback?.....

Which species do you target on horseback?.....

How high are the risks getting caught when hunting from horseback? High Medium Low

A) Why.....

What proportion of hunting trips on horseback are successful? 25% 50% 75% 100%

WILDLIFE

66) Is wildlife important to you and your community? No Yes

A) Why?.....

67) How far is your cattle post [IF HE HAS ONE] from a wildlife management concession?

68) Where in the area of your village are the nearest populations of wildlife?

.....

A) How far are they from your home or cattle post (whichever is closer)?.....

69) Do you bear any costs associated with living close to wildlife? No Yes

If yes, specify.....

70) Does your household derive any benefits from wildlife (other than through hunting)?

No Yes, specify.....

71) Does your household derive any benefits from tourism?

No Yes, specify.....

72) Do you think that your community derives any benefits from wildlife (other than from hunting)?

No Yes, specify.....

73) Does your community gain any benefits from tourism? No Yes

[IF YES] What?.....

74) Did your community gain any benefits from trophy hunting? No Yes

[IF YES] What?.....

75) Do you have any other relevant comments?.....

ADDITIONAL NOTES: