**Supplementary Material**

Trade in vulture parts in West Africa: Burkina Faso may be one of the main sources of vulture carcasses

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Appendix S1. Survey questionnaire

# Appendix S1. Survey questionnaire

**Topic:** **Census of mass mortalities of vultures in Burkina Faso**

**Demographics**

Date……………….…………………………………………………………………….. Full name ……………… ……………………………………………………………….

Male/Female……………………………………………………………………………..

Age………………………………………………………………………………………

Town/Township…..…………………………………………………………………….

Profession ……………………………………………………………………………….

Tribe/ethnic group…………………………………………………………………….....

**Questionnaire**

1. Do you know these birds? (show picture)

a) Hooded Vulture *(Necrosyrtes monachus)*

b) White-backed Vulture *(Gyps africanus)*

c) White-headed Vulture *(Trigonoceps occipitalis)*

d) Rüppell's Vulture *(Gyps rueppelli)*

e) Lappet-faced Vulture *(Torgos tracheliotos)*

f) Egyptian Vulture *(Neophron percnopterus)*

1. Have you ever seen them around here? If not, do you know where I can find them?

|  |  |  |  |
| --- | --- | --- | --- |
| **Vulture species (show picture)** | **Yes** | **No** |  |
| a) Hooded Vulture (*Necrosyrtes monachus*) |  |  | **…………………………** |
| b) White-backed Vulture *(Gyps africanus)* |  |  | **…………………………** |
| c) White-headed Vulture *(Trigonoceps occipitalis)* |  |  | **…………………………** |
| d) Rüppell's Vulture *(Gyps rueppelli)* |  |  | **…………………………** |
| e) Lappet-faced Vulture *(Torgos tracheliotos)* |  |  | **…………………………** |
| f) Egyptian Vulture *(Neophron percnopterus)* |  |  | **…………………………** |

1. Were they here in the past? a) Yes b) No c) Do not know

4. Do you consider vultures as a constraint or benefit for you / the community?

* + 1. Benefit b) Constraint c) Do not know

Why? :………………………………………………………………………………………………………………………………………………………………………………………………...…………………………………………………………………………………………………...

5. Do you agree with that statement ‘Vulture are declining’? a) Yes b) No c) Do not know

(if Yes go to question 6 and if No or Do not know, go to question 7)

6. Can you give the reasons for the decline?

 a) Natural causes

b) Poaching

c) Electrocution

d) Carcass scarcity

e) Poisoning

f) Habitat loss

g) Do not know

h) Others: ……………………………………………………………………………. …………….…………………………………………………………………….………………………………………………………………………

 7. Do you sometime encounter vulture carcasses?

 a) Yes b) No

8. Have you ever witnessed a vulture mass mortality event in your locality or elsewhere?

 a) Yes b) No

 (if Yes go to question 9 and if No, go to question 15)

9. a) In which locality? …………………………. b) When did this occur? ………………

10. How many vultures have you seen killed?

|  |  |
| --- | --- |
| **Vulture species (show picture)** | **Number** |
| Hooded Vulture (*Necrosyrtes monachus*) | **…………….** |
| White-backed Vulture *(Gyps africanus)* | **…………….** |
| White-headed Vulture *(Trigonoceps occipitalis)* | **…………….** |
| Rüppell's Vulture *(Gyps rueppelli)* | **…………….** |
| Lappet-faced Vulture *(Torgos tracheliotos)* | **…………….** |
| Egyptian Vulture *(Neophron percnopterus)* | **…………….** |

11. What caused the mass mortality of vultures that you saw?

a) Natural causes  b) Intentional poisoning c) Unintentional poisoning

d) Electrocution e) Collision with electrical infrastructure f) Motor vehicle collisions g) Diseases

 h) Others ………………………………………………………………….

12. Please describe the circumstances and context of the mass mortality of vultures that you saw: ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………… …………………………………………………………………………………………... ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

13. Have the relevant authorities been informed (veterinarians, foresters)?

a) Yes b) No c) Do not know

14. If yes, which organisation/institution and which person can give us further information?

………………………………………………………………………………………………………………………………………………………………………………………………

15. Have you ever heard about mass mortalities of vultures in your locality or elsewhere?

(if Yes go to question 16 and then 17)

a) Yes b) No

16. a) In which locality? …………………………. b) Over which period? ………………

17. Which organisation/institution and which person can give us further information?

………………………………………………………………………………………………………………………………………………………………………………………………