

Supplementary Material of: Sousa, F. E. S., Santos, L. S. dos, Silva, A. B. da, Magalhães Junior, A. J. C., & Souto, W. M. S.. Entre saberes e conservação: um estudo etnozoológico no Parque Nacional Serra da Capivara, Piauí, Brasil. *Desenvolvimento e Meio Ambiente*, 68, 430-453, 2026. 10.5380/dma.v68i.100800

Supplementary Materials

Supplementary Material 1 – Questionnaires administered to interviewees (Likert scale)

QUESTIONNAIRE (COMMUNITY)

SOCIOECONOMIC VARIABLES

Interviewee code: _____

Age: _____ Gender: () Female () Male () Other

Education level:

Length of time in the profession:

Has another occupation?:

Receives government assistance (*Bolsa Família*)?:

Length of residence in the community:

Have you ever lived elsewhere? If so, for how long?

PARK-RELATED VARIABLES (Likert scale)

1. The Park is important to the community.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

2. The Park helps supplement the income of people living in its surrounding area.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

3. If you agree or strongly agree with Question 2, what has been done or is

currently being done?

4. People living around the Park usually visit it.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

5. If yes (agree or strongly agree), how often?

() Once a week () Once every 15 days () Once a month () Once every 3 months

() Once every 6 months () Once a year

6. If no (disagree or strongly disagree), what is/are the reason(s)?

HUNTING-RELATED VARIABLES

7. Which animals living in the Park do you know?

8. Over the past 5 years, have you noticed an increase or decrease in any wild animal populations? If so, which ones and for what reason(s)?

9. Among the animals living within the Park, which can be consumed, sold, or kept?

10. Is meat from game animals tastier than meat from domestic animals?

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

11. Among the animals you have eaten, which have the tastiest meat?

12. The Park is an important source of animals for consumption or supplemental income.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

13. Over the past 5 years, access to the Park by hunters/wildlife trappers has increased.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

14. If you agree or strongly agree with Question 13, what is/are the reason(s)?

15. If social programs such as Bolsa Família are discontinued, hunting/capture of animals within the Park will increase.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

QUESTIONNAIRE (PARK GUIDES / ICMBio STAFF MEMBERS)

SOCIOECONOMIC VARIABLES

Interviewee code: _____

Age: _____ Gender: () Female () Male () Other

Education level: _____

Length of time in the profession: _____

Has another occupation?: _____

Length of residence in the community: _____

Have you ever lived elsewhere? If so, for how long? _____

PARK-RELATED VARIABLES (Likert scale)

1. The Park is effective in protecting local wildlife.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

2. The Park helps supplement the income of people living in its surrounding area.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

3. If you agree or strongly agree with Question 2, what has been done or is currently being done?

4. There is a good relationship between the Park and the surrounding communities.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

5. People living around the Park visit it frequently.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

6. If yes (agree or strongly agree), how often?

() Once a week

() Once every 15 days

() Once a month

() Once

every 3 months

() Once every 6 months () Once a year

7. If no (disagree or strongly disagree), what is/are the reason(s)?

HUNTING-RELATED VARIABLES

8. Which animals living in the Park do you know?

9. List the five animal species in the Park that you consider most important to conserve.

Species	Reason

10. List the 10 animal species most frequently hunted and/or captured in the region. (After listing the 10 species, indicate their uses.)

NAME	Why is it hunted or captured?							How is it hunted or captured? (e.g., firearm, slingshot, ambush, "assaprao," etc.)
	Food	Med.	Art.	Pets	Trade	Sport	Conf.	

KEY: Food: consumption; Med.: medicinal; Art.: handicrafts; Pets: pet keeping; Com.: trade; Sport: sport; Conf.: conflict.

11. People frequently enter the Park to hunt/capture animals.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

12. In your view, people hunt/capture animals primarily for consumption rather than trade.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

13. Over the past 5 years, access to the Park by hunters/wildlife trappers has increased.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

14. What can be done to prevent people from hunting/capturing animals within the Park?

15. Social programs such as Bolsa Família help reduce hunting within the Park.

1- () Strongly disagree

3- () Disagree

2- () Agree

4- () Strongly agree

Supplementary Material 2 – Game species cited by interviewees

TABLE 1 – Wild animal species recorded during the interviews, their threat categories according to the IUCN Red List, and the different uses attributed to them by interviewees.

SPECIES	IUCN Red List	Fo	Md	Pet	Tr	Sp	Cf
REPTILIA							
Viperidae							
<i>Crotalus durissus</i> Linnaeus, 1758 – “South American rattlesnake”	LC	0	0	1	0	0	1
AVES							
Columbidae							
<i>Leptotila rufaxilla</i> (Richard & Bernard, 1792) – “gray-fronted dove”	LC	3	0	0	0	0	0
<i>Patagioenas picazuro</i> (Temminck, 1813) – “picazuro pigeon”	LC	1	0	0	0	0	0
<i>Zenaida auriculata auriculata</i> (Des Murs, 1847) – “eared dove”	LC	1	0	0	0	0	0
Cracidae							
<i>Penelope jacucaca</i> Spix, 1825 – “white-browed guan”	VU	5	0	2	1	0	0
<i>Penelope supercilialis</i> Temminck, 1815 – “rusty-margined guan”	LC	3	0	1	2	0	0
Icteridae							
<i>Icterus jamaicai</i> (Gmelin, 1788) – “campo troupiat” ou “campo troupiat”	LC	0	0	1	0	0	0
Psittacidae							
<i>Amazona aestiva</i> (Linnaeus, 1758) – “blue-fronted amazon”	LC	0	0	4	0	0	0
<i>Ara chloropterus</i> GR Gray, 1859 – “red-and-green macaw”	LC	0	0	1	0	0	0
<i>Aratinga jandaya</i> (JF Gmelin, 1788) – “jandaya parakeet”	LC	0	0	1	0	0	0
<i>Eupsittula cactorum</i> (Kuhl, 1820) – “cactus parakeet”	LC	0	0	1	0	0	0
<i>Forpus xanthopterygius</i> (Spix, 1824) – “blue-winged parrotlet”	LC	0	0	1	1	0	0
<i>Psittacara leucophthalmus</i> (PLS Müller, 1776) – “white-eyed parakeet”	LC	0	0	1	0	0	0
Strigidae							
<i>Glaucidium brasilianum</i> (Gmelin, 1788) – “ferruginous pygmy owl”	LC	0	0	0	1	0	0
Tinamidae							
<i>Crypturellus sp.</i> – “tinamou”	-	1	0	1	0	0	0
<i>Crypturellus noctivagus</i> (zu Wied-Neuwied, 1820) – “yellow-legged tinamou”	NT	2	0	1	1	0	0
MAMMALIA							
Atelidae							
<i>Foouatta caraya</i> (Humboldt, 1812) – “guariba”	LC	0	0	0	0	0	0
Callitrichidae							
<i>Callithrix jacchus</i> (Linnaeus, 1758) – “common	LC	0	0	1	0	0	0

marmoset”

Caviidae							
<i>Galea spixii</i> (Wagler, 1831) – “Spix's yellow-toothed cavy”	LC	2	0	0	0	0	0
<i>Kerodon rupestris</i> (Wied-Neuwied, 1820) – “rock cavy”	LC	3	0	0	0	0	0
Cebidae							
<i>Sapajus libidinosus</i> (Spix, 1823) – “bearded capuchin”	LC	0	0	0	1	0	0
Cervidae							
<i>Subulo gouazoubira</i> Fischer, 1814 – “gray brocket”	LC	6	0	2	5	0	0
<i>Mazama americana</i> (Erxleben, 1777) – “red brocket”	DD	3	0	2	1	0	0
Chlamyphoridae							
<i>Tolypeutes tricinctus</i> (Linnaeus, 1758) – “tatu-bola “	VU	4	0	1	4	0	0
Dasyopodidae							
<i>Dasyus novemcinctus</i> Linnaeus, 1758 – “nine-banded armadillo”	LC	8	0	4	5	1	1
<i>Dasyus septemcinctus</i> Linnaeus, 1758 – “tatu-china “	LC	1	0	1	1	0	0
<i>Euphractus sexcinctus</i> (Linnaeus, 1758) – “six-banded armadillo”	LC	5	0	3	4	1	0
Dasyproctidae							
<i>Dasyprocta prymnolopha</i> Wagler, 1831 – “black-rumped agouti”	LC	6	0	1	3	0	0
Felidae							
<i>Panthera onca</i> (Linnaeus, 1758) – “jaguar”	NT	0	0	0	1	0	1
<i>Leopardus pardalis</i> (Linnaeus, 1758) – “ocelot”	LC	0	0	0	0	0	1
<i>Puma concolor</i> (Linnaeus, 1771) – “puma”	LC	0	0	0	1	0	0
Mephitidae							
<i>Conepatus semistriatus</i> (Boddaert, 1785) – “striped hog-nosed skunk”	LC	1	1	0	0	0	0
Myrmecophagidae							
<i>Tamandua tetradactyla</i> (Linnaeus, 1758) – “southern tamandua” ou “southern tamandua”	LC	6	1	0	0	0	0
Tayassuidae							
<i>Tayassu pecari</i> (Link, 1795) – “white-lipped peccary”	VU	2	0	0	1	0	0
<i>Dicotyles tajacu</i> (Linnaeus, 1758) “collared peccary”	*	5	0	2	2	1	0

KEY: (Fo) – food; (Md) – medicinal; (Pet) – pet keeping; (Tr) – trade; (Sp) – sport; (Cf) – conflict.