

Text S3: Eld's deer survey questionnaire

Date : ____ Place : ____ Interviewer : ____ Number :

We are students from Hainan University, conducting a local ecological knowledge survey on wildlife in Hainan, and we would greatly value learning about your knowledge and experience. The survey results will be published in peer-reviewed science journals, but we won't ask your name, and we guarantee that you will remain anonymous. You can also stop the interview at any time if you like.

Do you agree to participate in this study? Yes No

1. Age ____ Sex ____ Residence (village) _____ Ethnicity _____
2. How long have you lived here? _____ From _____ to _____
If you used to live somewhere else, where was that? _____
3. What is your education level?
Bachelor degree and above
High school
Middle school
Primary school
Other: _____
4. What is your main source of income?
If retired: How long ago did you retire?
Do you receive benefits from the government? What type and how much?
Yes, type: _____ Amount (range): _____
Duration (time): _____ Reason: _____
No
5. To what extent do you agree with the following statement?
a) "I have spiritual beliefs that respect and revere nature."
 Strongly agree Agree Neither agree nor disagree Disagree
 Strongly disagree
b) "I respect the lives of wild animals."
 Strongly agree Agree Neither agree nor disagree Disagree
 Strongly disagree
6. (Ethnic minority interviewees): Do your cultural traditions (e.g. folk songs, traditional practices) respect and revere nature? Yes No Don't know
7. What wild animals have you seen around the villages? Where?
Species: _____ Location: _____
Species: _____ Location: _____

Species: _____ Location:

Species: _____ Location:

8. Is there is a protected area near here?

Yes, go to #8a No, go to #9 Don't know, go to #9

a) Do you know its name?

Know, name: _____

Do you know when it was established? _____ Do not know

[If the interviewee does not know the nearby protected area, they can be informed about it and its function and prohibitions after the interview.]

9. Do you know what species of wild animals are found inside the reserve?

Yes, species:

No Don't know

10. Have you ever been inside the reserve?

Yes, when was the last time: _____ What reason:

No

If yes, what wild animals have you seen inside the reserve? Last time you saw them?

Species: _____ Last time seen:

11. Have you seen this animal inside the reserve (*Nomascus hainanus*, provide male and female pictures)?

Yes, where: _____ When:

No

12. Have you seen these animals inside and/or around the reserve?

Manis pentadactyla (provide picture)?

Yes, where: _____ When:

No

Polyplectron katsumatae (provide picture)?

Yes, where: _____ When:

No

Arborophila ardens (provide picture)?

Yes, where: _____ When:

No

Francolinus pintadeanus (provide picture)?

- Yes, where: _____ When: _____
 No

Lophura nycthemera (provide picture)?

- Yes, where: _____ When: _____
 No

13. What is the rarest animal in the reserve? _____
 Don't know

14. Have any types of animals have gone extinct (disappeared) from the reserve?
 Yes, species: _____ When: _____
 No Don't know

15. Have you heard of Eld's deer, or do you know of any stories or legends about it? What is the source of your information?
 Yes, describe: _____
Source: _____
 Don't know

16. Have you seen Eld's deer yourself?
 Yes, when: Location: _____ How often: _____
How many were there: _____
 No, but others around me have seen them.
 No Don't know

17. Which of these photos do you think is Eld's deer? (show pictures of several deer to the interviewee, ensure identification is correct)



18. How does Eld's deer differ from other species of deer? _____

19. Do male or female Eld's deer have antlers?

Male Female

Are adult male or female Eld's deer larger in body size?

Male Female

20. How many different species of deer are found in the reserve? When did you see them? _____ species Don't know

Name and describe:

Deer 1 _____ When did you see it? _____

Deer 2 _____ When did you see it? _____

Deer 3 _____ When did you see it? _____

21. Do Eld's deer live inside the reserve?

Yes, location: _____

Yes, but in the past (not now), location: _____

No: _____

Don't know: _____

22. What is the specific habitat/type of environment that Eld's deer lives in? (Can suggest habitat types, e.g. forest, grassland, wetland, agricultural areas)

 Don't know



23. Do you like Eld's deer?

Strong like Like Neither like nor dislike
 Dislike Strongly dislike

24. Do you think there has been a change in the number of Eld's deer?

Increase, by approx. how much: _____ Since when:

Unchanged

Decreased, by approx. how much: _____ Since when:

Don't know

If there has been a change in its population, what do you think has caused the change?

25. Do Eld's deer affect your life and livelihoods? How?

Yes, how: _____

No Don't know

26. Do you believe in the saying that eating Eld's deer products would protect you for three generations (or that eating Eld's deer products is good for health)?

Yes, reason: _____

No Other: _____

Do you support the central government's decision to ban the consumption of wild animals?

Support, reason: _____

Don't support, reason: _____

27. Have you ever heard about anyone ever hunting Eld's deer before?

Yes, describe: _____

No Don't know

What about now? _____

28. Do you know what the reserve was established for?

Know, reason: _____ Don't know

Do you know what regulations are set by the reserve (e.g. what activities are allowed inside the reserve, what activities are prohibited)?

Yes, allowed: _____ Prohibited: _____

Don't know

[After asking this question, inform the interviewee what is allowed and prohibited.]

29. Have you received science outreach activity and education about animal protection?

Yes, when:

Where:

How often:

From whom:

Format (presentation, activity, etc.):

Content:

No Don't know

30. Has there been any science outreach activity and education about animal protection in the village?

Yes, when:

Where:

How often:

From whom:

Format (presentation, activity, etc.):

Content:

No Don't know

31. Do you think Eld's deer should be protected?

Yes No Don't know

Why?

Is the Hainan Eld's deer a nationally protected animal?

Yes, level: _____ No Don't know

[After asking this question, you can tell the respondent that Hainan Eld's deer is a Level I nationally protected animal.]

32. Do you think the protection of Eld's deer is sufficient?

Yes No Don't know

Why?

If not, in what ways do you think the current level of protection for Eld's deer is insufficient?

33. What do you think could be done to improve the protection of Eld's deer?

Do you know if the Hainan Eld's deer have been reintroduced from other reserves (and set free in the forest)?

Know, when:

Where:

Who/how many people:

Don't know

34. Before the deer were released, did the nature reserve/government authorities tell you what would happen?

Yes No Don't know

If yes, has the reintroduction of deer affected your activities (and livelihoods) inside the reserve? _____

35. Were there any personnel looking after the deer after their release?
 Yes, how many people:
Duration:
Frequency:
How (activities): _____
 No Don't know
36. Would you be happy to change any of your lifestyle (habits) or activities if it could help protect Eld's deer?
 Yes, in what ways: _____
 No Other: _____
37. Does the establishment of the protected area affect you (your life and livelihoods)?
 Yes, how:
 No Don't know
If the establishment of the protected area has caused any problems for you or other people, what do you think could be done to improve the situation? _
38. What is your attitude towards the reserve?
 Strongly support
 Support
 Neither support nor disapprove
 Disapprove
 Strongly disapprove
39. Do you think the protected area is good or bad for Hainan Eld's deer?
For other animals?
For humans?
For Hainan?
40. Do you know that Hainan Province has plans to establish a tropical rainforest national park? Know Don't know
Do you support the establishment of the national park?
 Support Don't support
Do you think the national park will affect your life? _____

[This concludes our questionnaire. Once again, we declare that the questionnaire remains anonymous, and the questionnaire questions are only used for scientific research, not for other matters. Thank you again for taking the time to cooperate with our questionnaire survey. I wish you a happy life!]

海南坡鹿分布调查问卷

日期：____ 地点：____ 采访者人员：____ 编号：____

[我们是海南大学的学生，正在进行一项有关海南野生动物的当地生态知识调查,我们非常重视你的知识和经验。调查结果将作为科研成果一部分发表在同行评议期刊上，但是我们不会询问您的姓名，并保证保持匿名，您也可以随时停止采访。请问您是否同意参与此项研究？]

同意 不同意

1、您的年龄____ 性别____ 居住地（村子）____ 民族____

2 您在这里生活多久了____，从____年到____年 那您之前住在什么地方？

3 您的文化水平？

本科及以上 专科 高中 初中 小学 其他，

4、您的主要收入来源？_____/或者已经退休。那您退休多久了？

您是否领过国家的补贴？什么类型的补贴（扶贫或退耕还林等等）？多少钱？

是，类型：____ 额度（范围即可）：____ 起止时间：____

原因：____ 或 不是

5、您对大自然有尊重或崇敬的信念，您赞同这种说法吗？

非常赞同 比较赞同 既不赞同，也不反对 比较反对 非常反对

您尊重野生动物的生命，您赞同这种说法吗？

非常赞同 比较赞同 既不赞同，也不反对 比较反对 非常反对

6（少数民族）、您的民族传统文化（或传统歌谣、传统习俗）是否称赞/崇尚自然？是 不是 不知道

那您的民族图腾中是否有动物或与动物相关？什么动物？有，____ 没有 不知道

7、您在村子周边有见过哪些野生动物？什么地方见到的？

种类：_____ 位置：_____ 种类：_____ 位置：_____

种类：_____ 位置：_____ 种类：_____ 位置：_____

8、您知道这附近是否有建立自然保护区吗？有 接 a 没有 接 9 不知道/不清楚 接 9

a 您知道保护区的名字吗？知道，_____ 不知道，不清楚

b 那您知道保护区什么时候建立的吗？知道，_____ 不知道，不清楚

[如果受访者不知道附近的保护区，可告诉受访者附近的保护区。]

9、您知道附近的保护区里有哪些野生动物？有，种类：_____ 没有 不知道

10、您去过保护区吗？

去过，上一次是什么时候：_____ 什么原因：_____ 接 (1)

没有去过 接 11

您在保护区里有见过哪些野生动物？什么时间？

种类：_____ 时间：_____ 种类：_____ 时间：_____

种类：_____ 时间：_____ 种类：_____ 时间：_____

11、您是否在保护区及周边地区见过这种动物（海南长臂猿，提供雄性和雌性图片）？

见过，什么地方：_____ 什么时间：_____ 没见过

12、那您有没有在保护区及周边地区见过这种动物（穿山甲，提供照片）？

见过，什么地方：_____ 什么时间：_____ 没见过

那么这种动物呢？（海南孔雀雉，提供照片）

见过，什么地方：_____ 什么时间：_____ 没见过

这种动物呢？（海南山鹧鸪照片）

见过，什么地方：_____ 什么时间：_____ 没见过

这种动物呢？（中华鹧鸪照片）

见过，什么地方：_____ 什么时间：_____ 没见过

以及这种动物呢（白鹇，提供照片）

见过，什么地方：_____ 什么时间：_____ 没见过

13、您认为保护区里最珍稀的野生动物是什么？_____ 或者 不知道，不清楚

14、您知道附近的保护区里面是否有野生动物灭绝（消失）了？

有，什么种类：_____ 什么时间：_____ 没有 不知道，不了解

15、您以前听说过海南坡鹿/坡鹿这种动物或者说您是否知道任何有关海南坡鹿的故事，神话或传说？来源是谁？

是，描述：_____ 来源：_____ 没有 不知道，不清楚

16 您亲眼见过海南坡鹿吗？

见过，什么时候：_____ 什么地点：

多久一次：_____ 有多少只：

没见过，但是身边人见过 没见过 不知道

17、您认为这几张照片哪一张是海南坡鹿/坡鹿？（给访问对象观看几种鹿的照片，驼鹿、驯鹿、麋鹿、梅花鹿和坡鹿，注意要明确识别出坡鹿）



18、那么您认为海南坡鹿和其他的鹿有什么不同？

19、您认为海南坡鹿公鹿还是母鹿长鹿角？ 公鹿 母鹿

那您认为成年公鹿和成年母鹿那个体型更大？ 公鹿 母鹿

20、您知道附近的保护区里有多少种不同种类的鹿吗？什么时候看见的？

种类（1）_____ 时间：

（2）_____ 时间：

（3）_____ 时间：_____ 或者不知道，不清楚

21、海南坡鹿在保护区生活吗？什么位置？

是，位置：_____ 曾经是，位置：

不是，位置：_____ 不知道，不了解：

22、您知道海南坡鹿的生活环境/栖息地类型是什么样的？（如果村民不能理解可给出提示，例如：森林、草原、湿地、灌丛等地。还是不理解再提供照片）

_____ 或者不知道



23、您喜欢海南坡鹿这种动物吗？您认为海南坡鹿可爱吗？（两个问题，分别勾选）

非常喜欢 比较喜欢 既不喜欢，也不讨厌 比较讨厌 非常讨厌

非常可爱 比较可爱 既不可爱，也不害怕 比较害怕 非常害怕

24、您认为海南坡鹿的数量有变化吗？

增多，数量：_____ 从什么时候：_____ 不变

减少，数量：_____ 从什么时候：_____ 不清楚/不了解

那您认为是什么原因导致海南坡鹿数量变化？

25、海南坡鹿对您的生活和生产有影响吗？哪方面？

有，内容：_____ 没有 不知道，不了解

26、您是否相信吃坡鹿产品保佑三代人（或者吃坡鹿产品对身体有好处）？

相信，原因：_____ 不相信：_____ 其他：

那您是否支持全国人带常委会全面禁止食用野生动物的决定？

支持，原因：_____ 不支持，原因：

27、您以前听说过有人有伤害海南坡鹿的行为？

有，内容：_____ 没有 不知道

现在呢？

28、您知道保护区是干什么的吗（或者保护区有什么作用）？

知道，_____ 不知道

您是否知道保护区有什么规定（您可以在保护区里面做什么，您不能在保护区里面做什么）？

知道，能做_____ 不能做

不知道

【问完可告诉保护区的职能和禁止事项】

29、您有没有接受过动物保护科普和宣传教育？什么内容？

有，时间：_____ 地点：_____ 多久一次：

举办单位：_____ 类型（讲座或活动）：_____ 内容：

没有 不知道

30、村里有没有举办过有关动物保护的活动的？有什么内容？

有，时间：_____ 地点：_____ 多久一次：

举办单位：_____ 类型（讲座或活动）：_____ 内容：

没有 不知道

31、您认为坡鹿应该保护吗？应该 不应该 不清楚/不了解

为什么？

那您认为坡鹿是国家保护动物吗？（问完可告诉海南坡鹿为保护动物）是 不是 不清楚/不了解

什么保护级别？（问完可告诉被访者海南坡鹿的保护级别）_____ 或不清楚

32、您认为对海南坡鹿的保护力度是否足够？是 不是 不清楚/不了解

为什么？

如果保护力度不够，那您认为当前坡鹿保护有哪些不足/欠缺？

33、您认为该如何更好的进行坡鹿种群保护？（建议）

34、您知道这附近的海南坡鹿是从其他保护区重新野放（放归山林）的吗？

知道，时间：____ 地点：____ 人员数量：____ 不知道

35、自然保护区人员/政府人员有提前告诉您海南坡鹿重新野放的消息吗？

有，内容：____ 没有 不知道

如果有，那么重新野放后对您在保护区中的活动（生活中）产生了哪些影响？

36、您知道海南坡鹿野放后是否有人员进行看护？

有，多少人：____ 持续时间：____ 多久一次：

具体活动：____ 没有 不清楚，不知道

37、假设保护海南坡鹿需要您改变您的生活方式（习惯）或行为，那您愿意改变您现有的生活方式或行为吗？愿意，哪些方面：____ 不愿意 其他，

38、您认为保护区的建立对您（生活、生产）有影响？

有，影响：____ 没有 不知道，不清楚

您认为可以做些什么来改善保护区的建立给您或其他人造成的影响？

39、您对保护区持有什么样的态度？十分支持 支持 没有感觉 不支持 厌恶

40、您认为保护区对坡鹿影响是好还是坏？

对其他动物？____ 对人类？

对海南？

41、您是否知道海南省要建立海南热带雨林国家公园？知道 不知道

那您是否支持国家公园的建设？支持 不支持

那您认为国家公园的建设对您的生活有什么影响？

[我们的问卷到此结束。再次声明此次问卷保持匿名，并且问卷的问题只用于科学研究，不用于其他事项，再次感谢您百忙之中抽出时间配合我们的问卷调查，祝您生活愉快！]





