

Text S2: Wuzhishan and Yinggeling 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. 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

3. What is your education level?

Bachelor degree and above

High school

Middle school

Primary school

Other: _____

4. How long have you lived here? _____ From _____ to _____

If you used to live somewhere else, where was that? _____

Do you have beliefs that respect or revere nature? Yes No

Do you respect the lives of wild animals? Yes No (indifferent/no feelings)

In the culture of your ethnic group, do you have totems of animals, or are related to animals? What animals? Yes: _____ No Don't know

Are you aware of wildlife conservation issues?

Very aware Moderately aware Neither aware nor unaware

Moderately unaware Very unaware

5. Is there is a protected area near here?

Yes No Don't know

a) Do you know its name? Know, name _____ Don't know

b) Do you know when it was established? _____ Don't know

6. Do you have relatives that work in the protected area? How many people?

Yes How many? _____ No

7. What wild animals have you seen around the villages? Where?

Species: _____ Location: _____

Species: _____ Location: _____

Species: _____ Location: _____

Species: _____ Location: _____

8. Have you ever been inside the reserve?

Yes, how often: _____ 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: _____

Species: _____ Last time seen: _____

Species: _____ Last time seen: _____

Species: _____ Last time seen: _____

9. Which of these photos do you think is the Hainan partridge (provide picture of *Arborophila ardens*)? _____

Which of these photos do you think is the Hainan peacock pheasant (provide picture of *Polyplectron katsumatae*)? _____

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

Nomascus hainanus (provide picture)?

Yes, where : _____ When: _____

No

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

Manis pentadactyla (provide picture)?

Yes, where : _____ When: _____

No

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

Cervus eldii (provide picture)?

Yes, where : _____ When: _____

No

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

Polyplectron katsumatae (provide picture)?

- Yes, where : _____ When:
- No
- Yes, heard its call. Where : _____ When:
- No, have not heard its call

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

Arborophila ardens (provide picture)?

- Yes, where : _____ When:
- No
- Yes, heard its call. Where : _____ When:
- No, have not heard its call

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

Lophura nycthemera (provide picture)?

- Yes, where : _____ When:
- No
- Yes, heard its call. Where : _____ When:
- No, have not heard its call

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

Gallus gallus (provide picture)?

- Yes, where : _____ When:
- No
- Yes, heard its call. Where : _____ When:
- No, have not heard its call

12. Have you heard of Hainan peacock pheasant/Hainan partridge/silver pheasant/junglefowl, or do you know of any stories or legends about Hainan peacock pheasant/Hainan partridge/silver pheasant/junglefowl? What is the source? [record each species separately]
- Yes, describe: _____
Source: _____
- Don't know
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. What wild chickens (Galliformes) are found inside the reserve? Last time you saw them?
- [If interviewee can't answer, show photos of 7 galliforms found in Hainan:
Hainan peacock pheasant/Hainan partridge/silver pheasant/junglefowl/Chinese

francolin/common quail/king quail]
 Species: _____ Last time seen: _____
 Species: _____ Last time seen: _____
 Species: _____ Last time seen: _____
 Species: _____ Last time seen: _____
 Species: _____ Last time seen: _____
 Species: _____ Last time seen: _____
 Species: _____ Last time seen: _____
 Don't know

16. How do Hainan partridges differ from other species of partridges?

How do Hainan peacock pheasants differ from other species of peacocks?

17. Which of these photos do you think is Eld's deer?

18. Do Hainan peacock pheasants/Hainan partridges live inside the reserve?

Yes, location: _____
 Yes, but in the past (not now), location: _____
 No: _____
 Don't know: _____

19. Have you seen Hainan peacock pheasants/Hainan partridges yourself?

Yes, when: Location: _____ How often: _____
 How many were there: _____
 No, but others around me have seen them.
 No Don't know

20. What is the specific habitat / type of environment that Hainan peacock pheasants/Hainan partridges lives in? [If the interviewees are not clear about the question, show photos of habitats.]

Don't know



21. Do you like Hainan peacock pheasants/Hainan partridges?
 Strongly like Like Neither like nor dislike
 Dislike Strongly dislike
22. Do you think there has been a change in the number of Hainan peacock pheasants/Hainan partridges?
 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?
23. Do Hainan peacock pheasants/Hainan partridges affect your life and livelihoods? How?
 Yes, how: _____
 No Don't know
24. Have you seen other people using products of Hainan peacock pheasants/Hainan partridges?
 Yes, what: _____ No Don't know
 Are people still using these products now? _____
25. Have you ever heard about anyone ever hunting Hainan peacock pheasants/Hainan partridges before?
 Yes, describe: _____
 No Don't know
- If you found out that people are consuming wildlife, or selling, buying, or using wildlife products, what would you do? _____
- Do you support the central government's decision to ban the consumption of wild animals?
 Support, reason: _____
 Don't support, reason: _____
26. Do you know what the reserve was established for?
 Know, reason: _____ Don't know
27. 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

28. Have you heard of the Hainan Tropical Rainforest National Park?

Yes, describe _____ No

29. Do you know the difference between a national park and protected area/nature reserve?

Yes, describe _____ No

30. 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

31. 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

32. Do you think Hainan peacock pheasants/Hainan partridges should be protected?

Yes No Don't know

Why?

33. Is the Hainan peacock pheasant/Hainan partridge a protected animal?

Yes No Don't know

[After asking this question, tell the respondent that Hainan peacock pheasants and Hainan partridges are nationally protected animals.]

34. What level of protection are the Hainan peacock pheasant/Hainan partridge in China?

_____ Don't know

[After asking this question, tell the respondent that Hainan peacock pheasants and Hainan partridges are Level I nationally protected animals.]

35. Do you think the protection of Hainan peacock pheasants/Hainan partridges is enough?

Yes No Don't know

Why?

If not, in what ways do you think the current level of protection for the Hainan peacock pheasants/Hainan partridges are insufficient?

36. What do you think could be done to improve the protection of Hainan peacock pheasants/Hainan partridges?
-

Would you be willing to do something for wildlife protection?

- Very willing Willing Neither willing nor unwilling
 Unwilling Very unwilling

37. Does the establishment of the protected area affect you?

- Yes, how:
 No Don't know

38. What is your attitude towards the reserve?

- Strongly support
 Support
 Neither support nor disapprove
 Disapprove
 Strongly disapprove

39. 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?
-

40. Do you think the protected area is good or bad for Hainan peacock pheasants/Hainan partridges?

For other animals?

For humans?

For Hainan?

[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!]

海南热带濒危雉类保护现状调查问卷

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，并保证均为匿名，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）：_____ 不是

- 3、您的文化水平？

本科及以上 专科 高中 初中 小学 其他，

- 4、您在这里生活多久了____，从____年到____年

那您之前住在什么地方？

您对大自然是否有尊重或崇敬的信念？

有 没有

那您是否尊重野生动物的生命？

尊重 不尊重（无所谓，没有感觉）

您的民族图腾中的是否有动物或与动物相关？什么动物？

有，_____ 没有 不知道

您是否关注野生动物的保护问题？

非常关注 比较关注 不确定 不太关注 非常不关注

- 5、您知道这附近是否有建立自然保护区吗？

有 没有 不知道/不清楚

a 您知道保护区的名字吗？

知道，_____ 不知道，不清楚

b 您知道保护区什么时候建立的吗？

知道，_____ 不知道，不清楚

- 6、您有亲戚在保护区工作吗？有几人？

有 几人？_____ 没有

- 7、您在保护区外面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：_____

种类：_____ 位置：_____

种类：_____ 位置：_____

种类：_____ 位置：_____

- 8、您去过保护区吗？

去过，多久一次：_____ 上一次是什么时候：

什么原因：_____ 没有去过

(1) 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：_____

种类：_____ 时间：_____

种类：_____ 时间：_____

种类：_____ 时间：

9、您认为这几张照片哪一张是海南山鹧鸪/海南孔雀雉？

10、您是否在保护区及周边地区见过这种动物（海南长臂猿）？

见过，什么地方：_____ 什么时间：_____ 没见过 听过叫声，什么地方：_____ 什么时间：_____ 没听过

11、那您有没有在保护区及周边地区见过这种动物（中华穿山甲）？

见过，什么地方：_____ 什么时间：_____ 没见过

您有没有在保护区及周边地区见过这种动物（海南坡鹿）？

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）

见过，什么地方：_____ 什么时间：_____ 没见过

听过叫声，什么地方：_____ 什么时间：_____ 没听过

这种动物呢？（海南山鹧鸪）

见过，什么地方：_____ 什么时间：_____ 没见过

听过叫声，什么地方：_____ 什么时间：_____ 没听过

以及这种动物呢（白鹇）

见过，什么地方：_____ 什么时间：_____ 没见过

听过叫声，什么地方：_____ 什么时间：_____ 没听过

以及这种动物呢（原鸡）

见过，什么地方：_____ 什么时间：_____ 没见过

听过叫声，什么地方：_____ 什么时间：_____ 没听过

12、您以前听说过海南孔雀雉/海南山鹧鸪/白鹇/原鸡这种动物或者说您是否知道任何有关海南孔雀雉/海南山鹧鸪/白鹇/原鸡的故事，神话或传说？来源是谁？（请分别记录）

是，描述：_____ 来源：_____ 没有 不知道，不清楚

13、您认为保护区里最珍贵/少见的野生动物是什么？

_____ 或者 不知道，不清楚

14、您知道是否有野生动物从保护区不常见了

有，什么种类：_____ 什么时间：_____ 没有 不知道，不了解

15、您知道保护区里有多少种不同种类的野鸡吗？什么时候看见的？（如回答不了，可适当图片提醒。海南共有雉科鸟类7种，即海南山鹧鸪、海南孔雀雉、原鸡、白鹇、中华鹧鸪、鹌鹑、蓝胸鹑）

种类（1）_____ 时间：_____

（2）_____ 时间：_____

（3）_____ 时间：_____

（4）_____ 时间：_____

（5）_____ 时间：_____ 或者 不知道，不清楚

16、您认为海南山鹧鸪和其他的山鹧鸪有什么不同？

另外，您认为海南孔雀雉和其他的孔雀有什么不同？

17、您认为这几张照片哪一张是海南山鹧鸪/海南孔雀雉？

18、海南孔雀雉/海南山鹧鸪在保护区生活吗？什么位置？

是，位置：_____

曾经是，位置：_____

不是，位置：_____ 不知道，不了解

19、您亲眼见过/认识海南孔雀雉/海南山鹧鸪吗？

见过，什么时候/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

20、您知道海南山鹧鸪/海南孔雀雉的生活环境/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

21、您喜欢海南山鹧鸪/海南孔雀雉这种动物吗？或者说您认为海南山鹧鸪/海南孔雀雉可爱吗？



非常喜欢/可爱 喜欢/可爱 不喜欢/不可爱 没有感觉 厌恶/害怕



22、您认为海南山鹧鸪/海南孔雀雉的数量有变化吗？

增多，从什么时候：_____ 不变

减少，从什么时候：_____ 不清楚/不了解

那您认为是是什么原因导致海南山鹧鸪/海南孔雀雉数量变化？

23、海南山鹧鸪/海南孔雀雉对您的生活和生产有影响吗？哪方面？”

是，内容：_____ 不是 不知道，不了解

24、您有没有见过有人使用海南山鹧鸪/海南孔雀雉相关的物品吗？

有，内容：_____ 没有 不知道

那么现在还有人使用吗？

25、您知道是否有人有伤害海南山鹧鸪/海南孔雀雉的行为？

是的，内容：_____ 没有 不知道

如果发现有人食用野生动物或者出售、购买、利用野生动物制品，你会怎么办？

那您是否支持全国人大常委全面禁止食用野生动物的决定？

支持，原因：_____ 不支持，原因：

26、您知道保护区是干什么的吗？

知道，_____ 不知道

27、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 不清楚

28、您听说过海南热带雨林国家公园吗？

知道，_____ 不知道

29、您知道国家公园和保护区的区别吗？

知道，_____ 不知道

30、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

31、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

32、您认为海南山鹧鸪/海南孔雀雉应该保护吗? 应该 不应该 不清楚/不了解
为什么?

33、您认为海南山鹧鸪/海南孔雀雉是保护动物吗? (问完可告诉海南山鹧鸪/海南孔雀雉为国家重点保护动物)

是 不是 不清楚/不了解

34、什么保护级别? (问完可告诉被访者海南山鹧鸪/海南孔雀雉的保护级别, 均为国家一级保护动物)
_____或不清楚

35、您认为对海南山鹧鸪/海南孔雀雉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, 那您认为当前海南山鹧鸪/海南孔雀雉保护有哪些不足/欠缺?

36、您认为该如何更好的进行海南山鹧鸪/海南孔雀雉种群保护?

37、您愿意为保护野生动物做一些工作吗?

非常同意 比较同意 不确定 不太同意 非常不同意

38、您认为保护区的建立对您有影响?

有, 影响: _____ 没有 不知道, 不清楚

39、您对保护区持有什么样的态度

赞同 没有感觉 不赞同 厌恶

40、如果保护区的建立给您或其他人造成了任何问题, 您认为有什么好的建议来改善这种情况?

41、您认为保护区对海南山鹧鸪/海南孔雀雉影响是好还是坏?

其他动物? 人类? 海南?

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!



海南孔雀雉 Hainan peacock pheasant



其他孔雀 (与海南孔雀雉对比) Green peafowl for comparison



其他鹧鸪 1 (与海南山鹧鸪对比) Taiwan partridge for comparison



其他鹧鸪 2 (与海南山鹧鸪对比) Bar-backed partridge for comparison



海南山鹧鸪 Hainan partridge



原鸡雄性 Red junglefowl male



原鸡雌性 Red junglefowl female



白鹇 Silver pheasant, male and female