Ma et al. 2022, Ecological knowledge and value of traded species: Local perceptions of native turtles in Hainan, China

SUPPLEMENTARY MATERIAL

Table 1. Names of ten native Hainan freshwater turtle species and their conservation status and prioritization. Adapted from Shi et al. 2013 and F. Xiao, D. and Gaillard, *pers. comm*, 2017-2020.

Scientific name	Chinese name (s)	Other Chinese local names/variations	English common name	IUCN Red List	Chinese protection level, 1988	Chinese protection level, 2021	CITES	EDGE rank	EDGE score
Cuora galbinifrons	黄额闭壳龟,黄额 盒龟,草龟,山草 龟,红旗龟,假金 钱龟	-	Indochinese box turtle	CR	Three Merits	Class II	Appendix II	-	-
Cuora mouhotii	锯缘龟,八角龟	山龟, 坡龟	Keeled box turtle	EN	Three Merits	Class II	Appendix II	-	-
Cuora trifasciata	金钱龟	金子龟,金龟,金 乌龟	Golden coin turtle	CR	Class II	Class II	Appendix II	-	-
Geoemyda spengleri	锯齿地龟,小八角 龟,枫叶龟		Black-breasted leaf turtle	EN	Class II	Class II	Appendix III	51	5.73
Mauremys mutica	材棺龟,石龟,黄 喉泥水龟,南石 龟,石金钱	石头龟	Asian yellow pond turtle	EN	Three Merits	Class II	Appendix II	-	-
Mauremys sinensis	中华花龟,海花, 海南花龟	-	Chinese golden thread turtle, Chinese striped-neck turtle	EN	Three merits	Class II	Appendix III	-	-
Palea steindachneri	疣颈鳖,山瑞鳖	-	Wattle-necked softshell turtle	EN	Three Merits	Class II	Appendix III	63	5.7
Pelodiscus sinensis	中华鳖	甲鱼,鳖,水鱼, 王八	Chinese softshell turtle	VU	Not listed	Not listed	Appendix III	-	-
Platysternon megacephalum	大头扁龟,鹰嘴 龟,平胸龟	大头龟	Big headed turtle	EN	Three Merits	Class II	Appendix II	19	6.40
Sacalia quadriocellata	四眼斑龟, 臭龟	水龟,水乌龟,牛 屎龟	Four-eyed turtle	EN	Three Merits	Class II	Appendix III	-	-

REFERENCES

- IUCN. IUCN Red List of Threatened Species. Version 2020-1. www.iucnredlist.org. Accessed 15 Jan 2021.
- Shi, H.T., Hou, M., Pritchard, P., Peng, J.J., Fan, Z.Y., Yin, F., Chen, T.X., Liu, H.N., Wang, J.C., Liu, Y.X. (eds) (2013). *Identification Manual for Traded Turtles in China*. Beijing, China: China Encyclopedia Press.
- ZSL EDGE of Existence. (2019) EDGE of Existence. http://edgeofexistence.org/. Accessed 15 Jan 2021.
- Standing Committee of the National People's Congress. (2018). Wild animal conservation law of the People's Republic of China (2018 Amendment). http://www.npc.gov.cn/zgrdw/npc/xinwen/2018-11/05/content_2065670.htm. Accessed 10 Nov 2020. [In Chinese].
- Ministry of Agriculture and Rural Affairs of the People's Republic of China. (2021). National Forestry and Grassland Administration and Ministry of Agriculture and Rural Affairs of the People's Republic of China announcement No. 3. http://www.moa.gov.cn/xw/bmdt/202102/t20210205 6361296.htm. Accessed 17 April 2021. [In Chinese].

Table 2. Summary of demographic characteristics (predictors of GLMS) of all interview interviewees.

mog	graphic variables (n = 1	185)		
	Age (years)	Mean	Median	Range
	·	44	45	19-78
2.	Gender	Categories	Number	Percentage
		Female	55	29.7
		Male	130	70.2
3.	Ethnicity	Li	171	92.4
		Miao	10	5.4
		Han	4	2.2
4.	Level of education	No formal education	27	14.6
		Primary school	69	37.3
		Middle school	68	36.8
		High school and above	19	10.3
		NA (incomplete)	2	1.1
5.	Village location	Bawang	34	18.4
		Qingsong	124	67.0
		Wangxia	27	14.6
6.	Go to nearest county	Yes	56	30.3
	town at least once a	No	128	69.2
	month	NA	1	0.5
7.	Go to forest at least	Yes	137	74.1
	once a month	No	40	21.6
		NA	8	4.3
8.	Distance from	Mean	Median	Range
	nearest county town (km)	48.4	48.5	29.1-69.2

Table 3. A) Spearman's rank correlation coefficients ρ for all comparisons between the ranks of species salience, recognition, being named, being thought is traded, prices provided by interviewees, and prices provided by researchers (n = 9). **B)** p-values for all comparisons.

A.

	Salience	Recognize	Name	Trade	Price, local	Price,
						researcher
Salience	1					
Recognize	0.64	1				
Name	0.89	0.81	1			
Trade	0.23	0.03	0.32	1		
Price, local	0.27	0.07	0.03	-0.17	1	
Price,	0.21	-0.18	0.16	0.10	0.43	1
researcher						

B.

	Salience	Recognize	Name	Trade	Price, local	Price, researcher
Salience						
Recognize	0.0656					
Name	0.0012	0.0082				
Trade	0.5588	0.9322	0.3980			
Price, local	0.4860	0.8647	0.9468	0.6682		
Price,	0.5890	0.6368	0.6873	0.7980	0.2440	
researcher						

Table 4. Negative binomial generalized linear model predictors and model outputs for four indices of local people's perceptions of native turtle species.

Respon	nse	\mathbb{R}^2	Predictor	X^2	df	p-value
1.	Number of	0.131	Age	0.325	1	0.569
	species free-listed		Gender	0.462	1	0.497
	(n = 151)		Village location	11.317	2	0.003 **
			Education	4.811	3	0.186
			Distance to	0.182	1	0.670
			county town			
			County town	0.014	1	0.907
			visit≥			
			once/month			
			Forest visit ≥	1.643	1	0.200
			once/month			
2.	Number of	0.221	Age	8.845	1	0.003 **
	species		Gender	5.763	1	0.016 *
	recognized from		Village location	14.554	2	0.001 ***
	photos (n = 151)		Education	7.802	3	0.050
			Distance to	0.303	1	0.582
			county town			
			County town	0.303	1	0.582
			visit≥			
			once/month			
			Forest visit ≥	0.220	1	0.639
	.	0.041	once/month	0.550		0.457
3.	Number of	0.241	Age	0.553	1	0.457
	species named		Gender	8.991	1	0.003 **
	$(\mathbf{n} = 151)$		Village location	23.864	2	< 0.001 ***
			Education	5.354	3	0.148
			Distance to	0.480	1	0.488
			county town			
			County town	0.262	1	0.609
			visit ≥			
			once/month	1 (04	1	0.104
			Forest visit ≥	1.684	1	0.194
1	Number of	0.131	once/month	0.325	1	0.569
4.	species reported	0.131	Age			
	to be traded		Gender	0.462	1	0.497
	(n = 151)		Village location	11.317	2	0.003 **
	(11 – 101)		Education	4.811	3	0.186
			Distance to	0.182	1	0.670
			County town	0.014	1	0.007
			County town	0.014	1	0.907
			visit ≥			
			$\frac{\text{once/month}}{\text{Forest visit}} \ge$	1.643	1	0.200
			once/month	1.043	1	0.200
			Once/monui			

5.	Provided prices	0.201	Age	1.83	1	0.176
	of at least one		Gender	1.93	1	0.165
	species $(n = 161)$		Distance to county town	3.26	1	0.071
			County town visit ≥ once/month	0.229	1	0.633
			Forest visit ≥ once/month	2.784	1	0.095
			Number of species recognized	17.98	1	<0.0001***
			Number of species named	0.098	1	0.754

Table 5. Tukey post-hoc test results are shown for differences between village areas. For all four generalized linear models, village area and was a significant predictor for the number of species free-listed, recognized from photos, named, and thought to be traded.

Respon	nse	Comparison	Estimate	Standard error	z-value	p-value
1.	Number of species free-	Qingsong vs Bawang	0.61644	0.41123	1.499	0.243
	listed (n = 151)	Wangxia vs Bawang	0.09191	0.65298	0.141	0.986
		Wangxia vs Qingsong	-0.52453	0.35145	-1.492	0.246
2.	Number of species	Qingsong vs Bawang	1.19209	0.34559	3.449	0.00108 **
	recognized from photos (n = 151)	Wangxia vs Bawang	1.17288	0.56337	2.082	0.07337 .
		Wangxia vs Qingsong	-0.01921	0.30433	-0.063	0.99713
3.	Number of species	Qingsong vs Bawang	1.4176	0.4272	3.318	0.0021 **
	named (n = 151)	Wangxia vs Bawang	0.8005	0.6823	1.173	0.4150
		Wangxia vs Qingsong	-0.6171	0.3842	-1.606	0.2045
4.	Number of species	Qingsong vs Bawang	0.61644	0.41123	1.499	0.243
	thought to be traded (n	Wangxia vs Bawang	0.09191	0.65298	0.141	0.986
	= 150)	Wangxia vs Qingsong	-0.52453	0.35145	-1.492	0.246

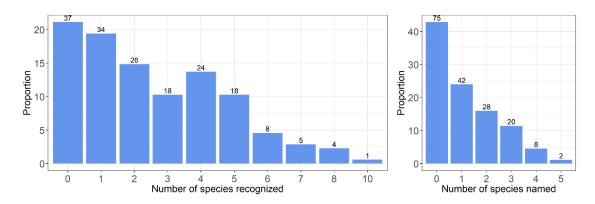


Figure 1. Frequency distribution of the number of species interviewees recognized (left) and correctly named (right) across the entire sample (n = 175). Proportions are shown on x-axis; numbers of people are shown above each bar.

A B

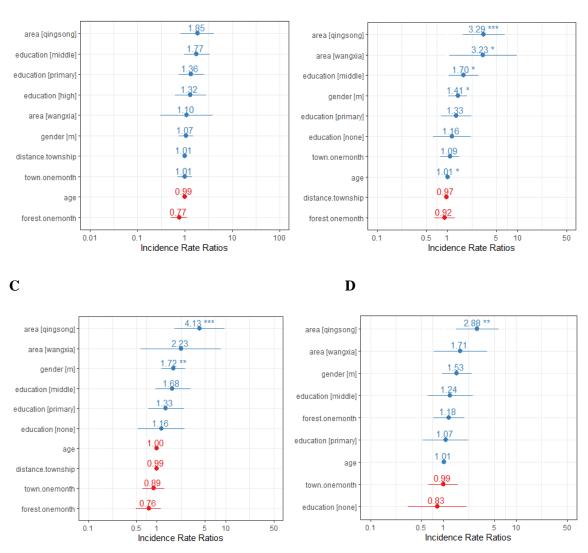


Figure 2. Incidence rate ratios of each GLM for four indices of local people's perceptions of native turtle species (n = 151 for all models): **A)** free-listing more species; **B)** recognizing more species from photographs; **C)** naming more species; and **D)** reporting more species are traded.

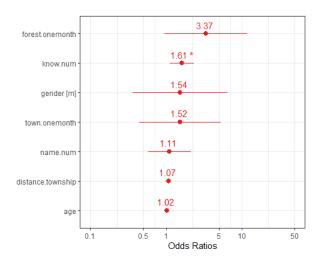


Figure 3. Odds ratios for indices of whether someone was able to voluntarily provide a price of at least one turtle species (n = 161).

Questionnaire in English and Chinese versions

Questio	onnaire ID:	Date:	Village name:	Interviewer:
very im truthful and you particip any tim	nportant and we hop lly. The interview was cannot be identified to ate. You can choose	e you can help us ill take about 40 a d after the data is e to stop the inter tion. Heidi Ma, R	by answering the question minutes to complete. You collected. You must be view at any time. You may oyal Holloway Universit	ur answer will be anonymous
Are yo	u willing to particip	ate in this survey:	□Yes □No	
SECTI	ON 1 DEMOGRA	РНІС		
1.	Have you been into	erviewed before?	□Yes □No	
	What did they ask	you about?		
2.	How old are you?			
3.	What is your gende		Female	
4.	What is your ethni	city? Li	Miao 🗌 Han 🔲 O	ther:
5.	Are you literate?	•		
	Yes I am literate	e Yes but no	t many characters \[\subsetent \]	No I am not literate
6.	Which languages of	an you understan	d?	
			Standard Mandarin	
	Hainanese	Other		
7.	How long have yo			
	All my life			
			ere are you from?	
8.				e?
	Other than your ch	ildren, how many	people live in your hous	se (not including yourself)?
	What are their rela	tionships to you?		
9.	[Multiple choices]	Occupation:		
,.	I don't have a j		Husbandry practition	oner Teacher
	= -·	Forestry worker	Government work	· · · · · · · · · · · · · · · · · · ·
			Other: _	
10.	Total annual house	• •		
	What is your highe		The state of the s	
	☐ No education	☐ Elementary		hool High school
			Graduate degree or al	<u> </u>
	Other:			

SECTION 2 ACCESS TO RESOURCES

Ι.	How often do you go into the forest/reserve? Do you go into the forest more than once a month? Yes No
2.	What do you do when you go into the forest? (Including in the past)
3.	What things in the forest have use value to you?
	How often do you collect these things?
	Resource 1 Daily Weekly Monthly Yearly Resource 2 Daily Weekly Monthly Yearly Resource 3 Daily Weekly Monthly Yearly
	Resource 2DailyWeeklyMonthlyYearly
	Resource 5 Daily weekly infoliting really
	How often do you go to the nearest county town?
	Do you go Shilu more than once a month? Yes No
	What do you go to the county town for?
	Hospital/clinic Buying goods (describe)
	Taking children to school Banking Post office Other How much does it cost you per return trip to Shilu town?yuan
	How to you get to the county town?
	Where do you go for these things/services if it's not available in the county town?
	[If answered "Increased" or "Decreased", ask the following questions. If answered "No change" or "Don't know", skip to next Q2.] When did the overall abundance of wildlife change? years agoDon't know In what areas have you noticed changes in wildlife abundance? Don't know How do you know there is this change? Don't know Does your knowledge about the change in overall abundance of wildlife come from your elders such as your parents? Don't know
	elders such as your parents?Don't know
	Are there any species of wildlife that have <u>declined</u> in abundance in the time you have
	lived here?
	Free-list and provide details for each species listed:
	Species When declined

Spec	list and provide details for each sp	When disappeared	
Spec	cies	when disappeared	
. D.	think it is nearly to that oning	.1	
i. Do	Yes No Don't know	als could disappear and never appear	ear again?
. Wh	nat is "extinction"? OR What does	s "extinction" mean to you?	
J. 111	nat is extinction . Or what does	extinction incan to you.	Don't know
. Wh	nat do you know about "extinction	" from elders/your parents?	
			_ Don't know
d. Wh	nat do you know about "extinction	n" from the media (TV, internet, W	
XX 71			Don't know
م/۸/ د		20 0 11 111	
VV II	nat do you know about "extinction	" from other visitors to your village	ge?
	you know about "extinction you know about extinction from a		ge?
			ge?
E. Do Which	you know about extinction from a		ge? _ □Don't know
E. Do Which	you know about extinction from a	any other sources?	ge? _ □Don't know
E. Do Which	you know about extinction from a	any other sources?	ge? _ □Don't know
E. Do Which	you know about extinction from a	any other sources?	ge? _ □Don't know
E. Do Which	you know about extinction from a	any other sources?	ge? _ □Don't know
. Do Whicl	you know about extinction from a	any other sources?	ge? _ □Don't know
E. Do Whiel	you know about extinction from a h turtle species are found around h the species].	any other sources? Bawangling? [Free-list turtles, rec	ge? _ □Don't know
E. Do Which isted	you know about extinction from a h turtle species are found around the species].	Bawangling? [Free-list turtles, rec	ge? _ □Don't know
For a	you know about extinction from a h turtle species are found around the species]. all species in Q6-Q16, show photolia quadriocellata, 四眼斑龟,臭	any other sources? Bawangling? [Free-list turtles, rec os one by one] 龟,Four-eyed Turtle]	ge? _ □Don't know
E. Do Which isted	you know about extinction from a h turtle species are found around he the species]. all species in Q6-Q16, show photo hia quadriocellata, 四眼斑龟,臭	any other sources? Bawangling? [Free-list turtles, rec os one by one] 包,Four-eyed Turtle]	ge? _ Don't know ord in order they
For a	you know about extinction from a h turtle species are found around the species]. all species in Q6-Q16, show photolia quadriocellata, 四眼斑龟,臭. Do you recognize this species? [If answer is Don't Know, skip	any other sources? Bawangling? [Free-list turtles, rec os one by one] 包,Four-eyed Turtle] Yes □ No □ Don't know of following questions about this sp	ge? _ Don't know ord in order they
For a Sacal	you know about extinction from a the species are found around the species]. all species in Q6-Q16, show photo dia quadriocellata, 四眼斑龟,臭. Do you recognize this species? [If answer is Don't Know, skip. What is its name?	any other sources? Bawangling? [Free-list turtles, rec os one by one] 包,Four-eyed Turtle] Yes □ No □ Don't know of following questions about this sp	ge? _ Don't know ord in order they eccies.]
For a Sacal	you know about extinction from a the species are found around the species]. all species in Q6-Q16, show photolia quadriocellata, 四眼斑龟,臭. Do you recognize this species? [If answer is Don't Know, skip. What is its name? Have you seen this species before	any other sources? Bawangling? [Free-list turtles, rec os one by one] 意,Four-eyed Turtle] [□ Yes □ No □ Don't know of following questions about this sp □ □ Don't know ore? □ Yes □ No □ Don't know	ge? _ Don't know ord in order they eccies.]
For a Sacal a.	you know about extinction from a h turtle species are found around the species]. all species in Q6-Q16, show photolia quadriocellata, 四眼斑龟,臭 . Do you recognize this species? [If answer is Don't Know, skip. What is its name? Have you seen this species before the work of the will again the forest In the village.	any other sources? Bawangling? [Free-list turtles, rec os one by one] 意,Four-eyed Turtle] Yes No Don't know of following questions about this sp	ge?Don't know ord in order they eccies.]
For a Sacala.	you know about extinction from a h turtle species are found around the species]. all species in Q6-Q16, show photolia quadriocellata, 四眼斑龟,臭. Do you recognize this species? [If answer is Don't Know, skip. What is its name? Have you seen this species before the work of the property of the prop	any other sources? Bawangling? [Free-list turtles, rec os one by one] ② 「Yes 「No 「Don't know of following questions about this sp	ge?Don't know ord in order they eccies.]
f. Do Which listed [For a [Sacal a. b. c.	you know about extinction from a the species are found around the species]. all species in Q6-Q16, show photo dia quadriocellata, 四眼斑龟,臭 . Do you recognize this species? [If answer is Don't Know, skip. What is its name? Have you seen this species before. Where did you last see it physically in a zoo Other When did you last see it?	any other sources? Bawangling? [Free-list turtles, rec os one by one] (a) Four-eyed Turtle] (b) Yes No Don't know (c) following questions about this sp Don't know (c) Yes No Don't know (c) Yes No Don't know (c) In the market In someon (time)	ge? _ Don't know ord in order they eccies.] w
f. Do Which listed [For a [Sacal a. b.	h turtle species are found around in the species. all species in Q6-Q16, show photo dia quadriocellata, 四眼斑龟,臭. Do you recognize this species? [If answer is Don't Know, skip. What is its name? Have you seen this species before. Where did you last see it physi. In the forest In the village. In a zoo Other When did you last see it? Is this species still found in the	any other sources? Bawangling? [Free-list turtles, rec os one by one] ② 「Yes 「No 「Don't know of following questions about this sp	ge? _ Don't know ord in order they eccies.] w ne else's house Don't know

		☐ Don't know
	h.	Where does this species live? In water In the forest Don't know
		Other/details
	i.	Is this species sold? Yes No Don't know
7.	[Cuora	mouhotii 锯缘龟,八角龟 Keeled Box Turtle]
	a.	Do you recognize this species? Yes No Don't know
		[If answer is Don't Know, skip following questions about this species.]
	b.	What is its name? Don't know
		Have you seen this species before? Yes No Don't know
	c.	Where did you last see it physically?(place)
		☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house
		In a zoo Other
	d.	When did you last see it? (time)
	e.	is this species still found in the wild in this area? \(\) Yes \(\) No \(\) Don't know
	f.	If no, did it used to be found here? Yes No Don't know Is this graphical range of party North N
	g.	Is this species rare or common? Many Not many Rare None Don't know
	h	Where does this species live? In water In the forest Don't know I
	11.	Other/details
	i.	Is this species sold? Yes No Don't know
	1.	is this species sold: [] Tes [] To [] Don't know
8.	[Geoe	myda spengleri 锯齿地龟,小八角龟,枫叶龟 Black-breasted Leaf Forest
0.	_	inydd spengieri 编图是中,有个个一中,例如中中 Diaek-oreasied Dear Forest
	Turtle]	Do you recognize this species? Yes No Don't know
	a.	[If answer is Don't Know, skip following questions about this species.]
	h	What is its name? Don't know
	υ.	Have you seen this species before? Yes No Don't know
	c	Where did you last see it physically?(place)
	٥.	☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house
		In a zoo Other
	d.	When did you last see it? (time)
	e.	Is this species still found in the wild in this area? Yes No Don't know
	f.	If no, did it used to be found here? Yes No Don't know
	g.	Is this species rare or common? Many Not many Rare None
		☐ Don't know
	h.	Where does this species live? In water In the forest Don't know
		Other/details
	i.	Is this species sold? Yes Don't know
9.	[Maure	mys mutica 材棺龟,石龟,黄喉泥水龟,南石龟,石金钱 Yellow Pond turtle]
	a.	
		[If answer is Don't Know, skip following questions about this species.]
	b.	What is its name? Don't know
		Have you seen this species before? Yes No Don't know
	c.	Where did you last see it physically?(place)
		☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house
	ı.	☐ In a zoo ☐ Other
	a.	When did you last see it? (time)

	f.	Is this species still found in the wild in this area? Yes No Don't know If no, did it used to be found here? Yes No Don't know Is this species rare or common? Many Not many Rare None
	h.	☐ Don't know Where does this species live? ☐ In water ☐ In the forest ☐ Don't know ☐
	i.	Other/details Is this species sold? Yes No Don't know
10.	[Pelod	iscus sinensis 中华鳖 Chinese Softshell Turtle]
	a.	Do you recognize this species? Yes No Don't know [If answer is Don't Know, skip following questions about this species.]
	b.	What is its name? Don't know
		Have you seen this species before? Yes No Don't know
	c.	Where did you last see it physically?(place)
		☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house ☐ In a zoo ☐ Other
	d.	When did you last see it? (time)
	e.	
	f.	If no, did it used to be found here? Yes No Don't know
	g.	Is this species rare or common? Many Not many Rare None Don't know
	h.	Where does this species live? In water In the forest Don't know
		Other/details
	i.	Is this species sold? Yes No Don't know
11.	[Maure	mys sinensis 中华花龟,海花,海南花龟 Chinese Golden Thread Turtle]
	a.	Do you recognize this species? Yes No Don't know
		[If answer is Don't Know, skip following questions about this species.]
	b.	What is its name? Don't know
	0	Have you seen this species before? Yes No Don't know Where did you last see it physically?(place)
	C.	☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house
		In a zoo Other
	d.	When did you last see it? (time)
	e.	Is this species still found in the wild in this area? Yes No Don't know
	f.	If no, did it used to be found here? Yes No Don't know
	g.	Is this species rare or common? Many Not many Rare None Don't know
	h.	Where does this species live? In water In the forest Don't know
	:	Other/details
	i.	Is this species sold? Yes No Don't know
12.	[Cuora	trifasciata 金钱龟 Golden Coin Turtle]
	a.	Do you recognize this species? Yes No Don't know
	_	[If answer is Don't Know, skip following questions about this species.]
	b.	What is its name? Don't know
		Have you seen this species before? Yes No Don't know
	c.	Where did you last see it physically?(place)

		☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house ☐ In a zoo ☐ Other
	d.	When did you last see it? (time)
	e.	Is this species still found in the wild in this area? Yes No Don't know
	f.	If no, did it used to be found here? Yes No Don't know
	g.	
	8.	Don't know
	h.	Where does this species live? In water In the forest Don't know
		Other/details
	i.	
13.	[Clemn	nys guttata 黄斑水龟 Spotted Turtle]
		Do you recognize this species? Yes No Don't know
	и.	[If answer is Don't Know, skip following questions about this species.]
	b.	What is its name? Don't know
	0.	Have you seen this species before? Yes No Don't know
	C	Where did you last see it physically?(place)
	О.	☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house
	d	☐ In a zoo ☐ Other (time)
	e.	Is this species still found in the wild in this area? Yes No Don't know
	f.	If no, did it used to be found here? Yes No Don't know
		Is this species rare or common? Many Not many Rare None
	8.	Don't know
	h.	Where does this species live? In water In the forest Don't know
		Other/details
	i.	7 11
		. — — —
14.	[Cuora	galbinifrons 黄额闭壳龟,黄额盒龟,草龟,山草龟,红旗龟,假金钱龟
		inese Box Turtle]
		Do you recognize this species? Yes No Don't know
	u.	[If answer is Don't Know, skip following questions about this species.]
	h	What is its name? Don't know
	0.	Have you seen this species before? Yes No Don't know
	c.	Where did you last see it physically?(place)
	О.	☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house
		In a zoo Other
	d.	When did you last see it? (time)
	e.	Is this species still found in the wild in this area? Yes No Don't know
	f.	If no, did it used to be found here? Yes No Don't know
	g.	Is this species rare or common? Many Not many Rare None
	8.	Don't know
	h.	Where does this species live? In water In the forest Don't know
		Other/details
	i.	Is this species sold? Yes No Don't know
1 ~	ID 1	。 1 1 · · · · · · · · · · · · · · · · ·
15.	[Palea :	steindachneri 疣颈龟,山瑞鳖 Wattle-necked Softshell Turtle]
	a.	Do you recognize this species? Yes No Don't know
		[If answer is Don't Know, skip following questions about this species.]

	b.	What is its name? Don't know				
		Have you seen this species before? Yes No Don't know				
	c.	Where did you last see it physically?(place)				
		☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house				
	In a zoo Other					
d. When did you last see it? (time)						
	e.	Is this species still found in the wild in this area? Yes No Don't know				
	f.	If no, did it used to be found here? Yes No Don't know				
	g.	Don't know				
	1.					
	n.	Where does this species live? In water In the forest Don't know				
		Other/details				
	i.	Is this species sold? Yes Don't know				
16	[Dlaty	sternon megacephalum 大头扁龟,硬嘴龟,平胸龟 Big Headed Turtle]				
10.	-					
	a.					
		[If answer is Don't Know, skip following questions about this species.]				
	b.	What is its name? Don't know				
		Have you seen this species before? Yes No Don't know				
	c.	Where did you last see it physically?(place)				
		☐ In the forest ☐ In the village ☐ In the market ☐ In someone else's house				
		In a zoo Other				
	d.	When did you last see it? (time)				
	e.	Is this species still found in the wild in this area? Yes No Don't know				
	f.	If no, did it used to be found here? Yes No Don't know				
	g.					
	υ	Don't know				
	h.	Where does this species live? In water In the forest Don't know				
		Other/details				
	i.	Is this species sold? Yes Don't know				
		. – – –				
17.	Are the	ere other turtle species that live around here that are not in these photos?				
10	[[Fam al	1 toutles with vieture conde				
18.		l turtles, with picture cards]				
		these species from what you think is the most economically valuable to least				
		le species.				
	1	2 3 4 5 6 8 9 10 11				
	7	81011				
[For all	species	s in Q19-Q24, show photos one by one]				
[·	~P	the Control of the Co				
19.	[Black	c bear]				
	a. Do y	you know this animal?				
		Yes, name Don't know				
b. Is this animal found around here? Yes No Don't know						
	c. Was	this animal around here in the past? Yes No Don't know				
	[If answer is found here before but not now:]					
		en did it disappear from around here? Don't know				
		at do you think caused it to disappear from around here? Don't know				

	f. Does this animal have any use value? Yes No Don't know What is it?
20.	[Clouded leopard] a. Do you know this animal?
21.	[Sambar] a. Do you know this animal?
22.	[Hainan gymnure] Do you know what this animal is? Know Don't know Know the name size / diet / appearance [If do not know, ask whether they have heard of this species and its features, and if they
	know the characteristics of this species, then continue to ask the following question] Have you seen these animals in the forest? Yes No If yes, the last time seen and the place If seen, the total number of sightings and frequency of sightings If no, then how do you know about this animal? Do you think this animal is now: None Rare Not many Many
23.	Do you know what a "gymnure" is? Yes No [Silver pheasant] Do you know what this animal is? Know Don't know Know the name size / diet / appearance
	[If do not know, ask whether they have heard of this species and its features, and if they know the characteristics of this species, then continue to ask the following question]
24	Have you seen these animals in the forest? Yes No If yes, the last time seen and the place If seen, the total number of sightings and frequency of sightings If no, then how do you know about this animal? Do you think this animal is now: None Rare Not many Many
24.	[Hainan peacock pheasant] Do you know what this animal is? Know the name size / diet / appearance

	[If do not know, ask whether they have heard know the characteristics of this species, then				
	Have you seen these animals in the forest?	and the place			
	If seen, the total number of sightings	and frequency of sightings			
	If no, then how do you know about this animal Do you think this animal is now: None	Rare Not many Many			
SECT	ΓΙΟΝ 4 PERCEPTIONS, ATTITUDES, AND	BEHAVIOUR			
1.	a. What do you think is the cause for species'	decline in abundance around Bawangling?			
2	b. What do you think is the cause for species'	Don't know			
2.	a. Are there any activities that cause wildlife to b. What activities?	o disappear? Yes No Don't know			
	c. Are these behaviours still going on? Yes No Don't know d. Who does these activities?				
3.		to decline? Yes No Don't know			
4.	4. Do you think endangered wildlife species should be protected? Yes No Don't know				
	Why or why not?				
5.	Who do you think should be responsible for protecting endangered species/'wildlife''?				
	Who	Why responsible			
	L				
6.	Currently, what is your main source of livelihous	ood?			
7.	What would you most like do as your main so	ource of livelihood?			
8.	If you were to adopt the preferred source of livelihood mentioned above, what kind of extra help or training would you need?				
9.	a) The nature reserve is doing a good job at Agree Neither agree nor disagree	conserving wildlife species. Disagree			
	b) Local people should use natural resource:	Disagree			
	c) The establishment of the nature reserve n Agree Neither agree nor disagree	_			
	d) Local people should continue to hunt wile Agree Neither agree nor disagree				
	e) It is ok to collect firewood from inside the	e nature reserve for our own use at home.			
	Agree Neither agree nor disagree	Disagree			

问卷号	·:	日期:	村名:	_采访者:
			采访说明	
能如实 实。受 记下我	地回答问卷里所 访者需年满 18 岁 的联系方式: 马	有的问题。本次采访大约 。您可以随时停止采访。 天骄,手机 13910971742,	需要 40 分钟。采 如果您以后有问	环境生态非常重要,希望您能尽可 《访是匿名的,您的身份不能核]题,或者想补充更多信息,可以 825。
您是否	愿意接受采访	□是 □否		
第一部	分 基本信息			
2. 3. 4. 5. 6. 7.	谁您您您您您你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你的你你好好的我们,你你你你好好了。一个你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你	□ 黎族 □ 苗 □ 识字 □ 识字,但2 □ 识字 □ 古话 □ 京 □ □ 古话 □ 示子 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	□ 汉 □ 不多 □ 河 不多 □ 普通话 □ 其他: □ 以前在哪里 □ 多大年龄? □ □ 养殖了 □ □ 未分 □ □ 未分 □ □ □ 未分 □ □ □ 未分 □ □ □ 未分 □ □ □ → □ □ □ → □ □ □ → □ □ □ □ → □ □ □ → □ □ □ → □ □ □ → □ □ □ → □ □ → □ □ → □ □ □ → □ □ □ → □ □ □ → □ □ □ □ → □ □ □ → □ □ □ □ → □ □ □ → □ □ □ □ → □	□ 其他:
第二部	分 森林资源利用	I		
1. 2.		-次山? ≦什么(包括以前)?	您一个月内是	是否至少上一次山? □是 □ 否
3.	山上有什么东西	可您是有利用价值的?		
4.	您平均多久会采 资源 1 资源 2 资源 3 您多经常去县城		天	-次 □ 一个月一次 □ 一年一次 -次 □ 一个月一次 □ 一年一次 -次 □ 一个月一次 □ 一年一次 -次 □ 一个月一次 □ 一年一次
	您一个月内是否	₹至少去一次县城? □是	ễ □ 否	

5.	您一般去县城会做些什么? □去医院/诊所 □买东西 买什么 □接送小孩上学
	□去银行 □去邮局/邮寄 □其他
	往返一次的路费花多少钱?元
	用什么交通工具去县城?
8.	如果城里没有您需要的东西或服务,要去哪里才能找到?
第三部	分 对 野生 动 物的 认 知
25.	a. 在您居住的 时间 内, <i>野生动物整体的数量</i> 有变化吗? □ 增多了 □ 减少了 □ 没有变化 □ 不知道
	[如回答'增多'或'减少',继续问以下问题。否则跳到第2题。]
	b. 野生 动 物数量什 么时 候变化的?年以前 □ 不知道
	c. 在哪里有变化?
	d. 怎么知道有变化的?
	e. 有没有听老人 说 野生 动 物的多少有 变 化?
26.	a. 在您居住的 时间 内, 哪种动 物的 <u>数量减少了</u> ? □有 □没有 □ 不知道
	b. 请把能想到的都列出来: [按受访者列出来的顺序记录]
	物种 什么时候减少的
27.	a. 在您居住的 时间 内, 哪种动 物的 <i>完全消失了</i> ? □有 □没有 □ 不知道
	b. 请把能想到的都列出来:[按受 访 者列出来的 顺 序记录]
	物种

28.	. a. 您野生 动 物有可能从一个地方完全消失,再也没有了 吗?□可能 □不可能 □不知道
	b. " 灭绝"对您来说 是什 么 意思?□不知道
	c. 您有没有听老者 说过动 物" 灭绝 "□有 □没有
	d.您有没有从媒体上(电视 ,微信,网 络)听 说过动 物" 灭绝 " □有 □没有
	e. 您有没有听外来人(来 过 本村的人) 讲过"灭绝" ? □有 □没有 □ 哪里来的人?
	f. 您还从哪些地方听到 过"灭绝 "?
29.	. 在霸王岭周 边 有哪些 乌龟种类 ?[按受 访 者列出来的 顺 序 记录]
->=	
[미 下タ	川 问题 6-16 时请 逐个出示 龟类图 片]
30.	. [Sacalia quadriocellata 四眼斑龟,臭龟 Four-eyed Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答 不认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字?□不知道 你见过这种龟吗?□ 是 □ 否
	□ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么时候见到的?
	e. 这种龟现 在在 这里还 有野生的吗? □ 是 □ 否 □ 不知道
	f. 如现在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟有买卖吗? □ 有 □ 没有 □ 不知道
31.	. [Cuora mouhotii 锯缘龟,八角龟 Keeled Box Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答 不认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字?□不知道 你见过这种龟吗?□ 是 □ 否
	□ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □别人家 □动物园 □其他
	d. 最后一次是什么时候见到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如现在没有,以前 这 里有 吗 ? □ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟 有 买卖吗 ? □ 有 □ 没有 □ 不知道

3:	2. [Geoemyda spengleri 据齿地龟,小八角龟,枫叶龟 Black-breasted Leaf Forest Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字?□不知道 你见过这种龟吗?□是□否□不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么 时 候见到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如 现 在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟 有 买卖吗? □ 有 □ 没有 □ 不知道
3:	3. [Mauremys mutica 材棺龟,石龟,黄喉泥水龟,南石龟,石金钱 Yellow Pond turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字?□不知道 你见过这种龟吗?□是□否□不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么 时 候 见 到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如 现 在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里□森林里□不知道□其他
	i. 这种龟 有 买卖吗? □ 有 □ 没有 □ 不知道
3-	4. [Pelodiscus sinensis 中华鳖 Chinese Softshell Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □不知道 你见过这种龟吗?□ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么 时 候 见 到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如 现 在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟 有 买卖吗? □ 有 □ 没有 □ 不知道
3.	5. [Mauremys sinensis 中华花龟,海花,海南花龟 Chinese Golden Thread Turtle]

	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □ 不知道 你见过这种龟吗? □ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么时候见到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如 现 在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟 有 买卖吗 ? □ 有 □ 没有 □ 不知道
36.	[Cuora trifasciata 金钱龟 Golden Coin Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □ 不知道 你见过这种龟吗? □ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么时候 见 到的?
	e. 这种龟现 在在 这 里还有野生的吗? □ 是 □ 否 □ 不知道
	f. 如 现 在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟有买卖吗? □ 有 □ 没有 □ 不知道
37.	[Clemmys guttata 黄斑水龟 Spotted Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答 不认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □ 不知道 你见过这种龟吗? □ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么 时 候 见 到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如现在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里□森林里□不知道□其他
	i. 这种龟有买卖吗? □ 有 □ 没有 □ 不知道
38.	[Cuora galbinifrons 黄额闭壳龟,黄额盒龟,草龟,山草龟,红旗龟,假金钱龟 Indochinese
	Box Turtle] a.认识这种龟吗?□认识 □不认识 □不知道
	… MANANCALL GRAD · LI MAN LI 1. MAN LI 1. MAE

	[如回答 不认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □ 不知道 你 见过这种龟吗 ?□ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □别人家 □动物园 □其他
	d. 最后一次是什么时候见到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如现在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟 有 买卖吗 ? □ 有 □ 没有 □ 不知道
39.	[Palea steindachneri 疣颈龟,山瑞鳖 Wattle-necked Softshell Turtle]
	a.认识这种龟吗?□认识□不认识□不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □ 不知道 你见过这种龟吗? □ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □别人家 □动物园 □其他
	d. 最后一次是什么时候 见 到的?
	e. 这种龟现 在在 这 里还有野生的吗?
	f. 如现在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟 的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟有买卖吗? □ 有 □ 没有 □ 不知道
40.	[Platysternon megacephalum 大头扁龟,硬嘴龟,平胸龟 Big Headed Turtle]
	a.认识这种龟吗?□认识 □不认识 □不知道
	[如回答不 认识 ,跳 过针对这 个物 种 的下列 问题]
	b. 叫什么名字? □ 不知道 你见过这种龟吗? □ 是 □ 否 □ 不知道
	c. 最后一次在哪儿 见 到的?
	□森林里 □村子里 □市场上 □別人家 □动物园 □其他
	d. 最后一次是什么时候见到的?
	e. 这种龟现 在在 这 里还有野生的吗?□ 是 □ 否 □ 不知道
	f. 如现在没有,以前 这 里有 吗 ?□ 是 □ 否 □ 不知道
	g. 这种龟的多少? □很多 □多 □很少 □没有 □不知道
	h. 这种龟 在哪里能找到?□水里 □森林里 □不知道 □其他
	i. 这种龟有买卖吗? □ 有 □ 没有 □ 不知道
41.	您 还 知道霸王 岭 附近有 哪些龟类 是以上 图 片中没有的?

42. [用所有的图片请受访者排序,记录图片背后的代码]

	请 将 这 些 龟类 按照 经济 价值排序,从最有价值的到最没价值的。
	123456
43.	7/891011 [黑熊照片]
	a. 您认识这种动物吗? □ 认识,名字 □ 不认识 □ 不知道名字
	b. 这种动 物在 这 里有 吗 ? □ 有 □ 没有 □ 不知道
	c. 这种动 物以前在 这 里有 吗 ? □ 有 □ 没有 □ 不知道
	[如果回答这里现在没有,但以前有:]
	e. 什么时候从这里没有了?年前 □ 不知道
	f. 您 认为为 什 么 从 这 里没有了? □ 不知道
44.	g. 这种动 物有利用价 值吗? □有 □没有 □ 不知道 什么价值?
	a. 您认识这种动物吗? 🗌 认识,名字 🔲 不认识 🔲 不知道名字
	b. 这种动 物在 这 里有吗? □ 有 □ 没有 □ 不知道
	c. 这种动 物以前在 这 里有 吗 ? 🗌 有 🔲 没有 🔲 不知道
	[如果回答这里现在没有,但以前有:]
	e. 什么 时 候从 这 里没有了?年前 □ 不知道
	f. 您认为为 什 么 从 这 里没有了? 不知道
45.	g. 这种动 物有利用价 值吗? □有 □没有 □ 不知道 什么价值?
	a. 您认识这种动物吗? 🗌 认识,名字 🔲 不认识 🔲 不知道名字
	b. 这种动 物在 这 里有吗? □ 有 □ 没有 □ 不知道
	c. 这种动 物以前在 这 里有 吗 ? 🗌 有 🔲 没有 🔲 不知道
	[如果回答这里现在没有,但以前有:]
	e. 什么 时 候从 这 里没有了?年前 □ 不知道
	f. 您 认为为 什 么 从 这 里没有了? □ 不知道
46.	g. 这种动 物有利用价 值吗? □有 □没有 □ 不知道 什么价值?[毛猥照片]
	你知道 这 是什 么动 物吗? □知道 □不知道
	知道,名称大小/食性/外貌
	不知道,问是否有听 说过这 物种以及它的特征,如果知道物种特征, 继续问 以下 问题
	有,上次看 见 的 时间
	看见总 次数
	你觉得这个动物现在是 □没有 □很少 □不多 □很多
	您知道"毛猥"是什么吗?□知道□不知道□和何知道的?
47.	[白鹇照片]
	你知道这是什 么动 物吗? □知道 □不知道
	知道,名称大小/食性/外貌

	不知道,问是否有听 说过这 物种以及它的特征,如果知道物	种特征,约	继 续问 以下 问题			
	你在山上 见过这动物吗 ? □有 □没有					
	有,上次看 见的时间	地点				
	看见总 次数					
		没有, 你是如何知道 这动 物的?				
	你觉得这个动物现在是 □没有 □很少 □不多 □很多					
48.	48. [孔雀雉照片]					
	你知道这是什么动物吗? □知道 □不知道					
	知道,名称大小/食性/外貌		小小キとコ ハ マーシコ 日本			
	不知道,问 是否有听 说过这 物 种 以及它的特征,如果知道物	神符征,至	述续问 以下问题			
	————————————————————————————————————					
	有,上次看 见 的 时间	地点				
	看见总 次数					
	没有,你是如何知道 这动 物的?					
	你觉得这个动物现在是 □没有 □很少 □不多 □很多					
第四部	部分 认 知、 态 度、人 类 行 为					
	a. 您 认为 霸王岭附近野生动物减少的原因是什 么 ? □ 不知	道				
	b. 您 认为 野生 动 物完全消失的原因是什么? □ 不知道					
2.	a. 有哪些人 为 活动会造成野生动物减少? 🗌 不知道					
	d. 什么人做这些行为?					
3.	a. 您 认为 是本村人造成野生动物减少吗? □是 □ 否 □ 不知道					
٥.	b. 您 认为 是外来人造成野生 动物减少吗 ? □是 □ 否 □ 不知道					
4.	您 认为 野生 动 物是否因 该 被保护? □ 是 □ 否 □ 不知道					
	为什么?		🗌 不知道			
5.	您认为谁应该承担保护野生动物的责任?为什么?					
	[按受 访 者列出来的 顺 序 记录]					
	谁 为什么有责任	£				

/				
[所有人都问以下问题]				
6.	您目前的收入来源是什么?			
	您最希	您最希望靠什么做工作获得收入来源?		
7.	如果您想采取上述的收入来源,需要哪些培训或帮助?			
8.	您对 以下的 话 什 么态 度?			
	a)	目前自然保护区对野生动物保护的力度足够了	~. □同意 □ 不知道 □ 不同意	
	b)	人们应 当利用 自然保护 区里的自然 资 源。	□同意 □ 不知道 □ 不同意	
	c)	自然保护 区的 设 立 对 我来 说 是好事。	□同意 □ 不知道 □ 不同意	
	d)	当地人 应该继续打猎 或捕捉野生 动 物。	□同意 □ 不知道 □ 不同意	
	e)	从林子里采集木材柴火在家里用没有什么问题	亙。 □同意 □ 不知道 □ 不同意	