



Supplementary Material

# How Tourist Preference and Satisfaction Can Contribute to Improved Welfare Standards at Elephant Tourism Venues in Thailand

Emily K. Flower \*, Georgette Leah Burns and Darryl N. Jones

Environmental Futures Research Institute and School of Environment and Science, Griffith University, Nathan, Australia; leah.burns@griffith.edu.au (G.L.B.); d.jones@griffith.edu.au (D.N.J.)

\* Correspondence: emily.flower@griffithuni.edu.au

Citation: Flower, E.K.; Burns, G.L.; Jones, D.N. How Tourist Preference and Satisfaction Can Contribute to Improved Welfare Standards at Elephant Tourism Venues in Thailand. *Animals* **2021**, *11*, 1094. https://doi.org/10.3390/ani11041094

Academic Editor: Pia Lucidi

Received: 10 March 2021 Accepted: 6 April 2021 Published: 12 April 2021

**Publisher's Note:** MDPI stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.



Copyright: © 2021 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (http://creativecommons.org/licenses/by/4.0/).

Animals 2021, 11, 1094 2 of 16

## **Tables**

**Table S1.** Reasons respondents gave for choosing their preferred activity. Additional details for Table 5. in the text. When 'reason frequency' is nil, no reason was provided by respondents.

Preferred Activity (n = 75)	Reason Frequency
	Activities (Intentionally Observed)
Bathing in mud	6x Close contact with elephants
	4x Elephants appeared happy or to like the activity
	3x 'Connected' with elephants
	2x The activity was fun
	2x Able to interact with the elephants
	1x Elephants in natural environment
	1x Beautiful scenery
	1x Elephants 'didn't seem to mind'
Bathing in river or waterfall	10x Elephants appeared happy or to like the activity
<u> </u>	9x Close contact with elephants
	7x The activity was fun
	4x Able to interact with the elephants
	3x Felt like they were 'helping' or caring for the elephants
	3x It was a special or unique experience
	2x Elephants in natural environment
	2x Beautiful scenery
	2x beautiful scenery  2x 'Connected' with elephants
	•
	1x Participant felt safe
Feeding	9x Close contact with elephants
	6x Elephants appeared happy or to like the activity
	3x Elephants were behaving naturally or weren't being commanded
	3x Felt like they were 'helping' or caring for the elephants
	2x To observe how elephants eat and behave
	2x The activity was fun
	2x Able to interact with the elephants
Riding	3x It was a special or unique experience
	1x Elephants 'didn't seem to mind'
	1x Made the participant feel important e.g. 'like a King'
	1x The activity was fun
	1x Close contact with elephants
Taking photos	NIL
Walking with the elephants	2x Elephants were behaving naturally or weren't being commanded
waiking with the elephants	1x To observe how elephants eat and behave
	1x 'Connected' with elephants
	1x It was a special or unique experience
	1x Spiritual experience
	1x Close contact with elephants
	Interactions
Interacting with or touching elephants	1x Elephants appeared happy or to like the activity
	1x Able to interact with the elephants
	1x Close contact with elephants
rganic' interactions over organised ones	1x Elephants were behaving naturally or weren't being commanded
Spend time with elephants	NIL
	Observing elephants
Observing elephants - general	2x Elephants appeared happy or to like the activity
	1x Elephants in natural environment
	17 Diephanis in natural environment
	NIII
Observing elephants bathe in mud	NIL
	NIL  2x Elephants appeared happy or to like the activity  1x Elephants were behaving naturally or weren't being commanded

Animals 2021, 11, 1094 3 of 16

1x Able to interact with the elephants
NIL
2x Elephants appeared happy or to like the activity
1x Elephants were behaving naturally or weren't being commanded
1v The activity was fun
1x The activity was fun
Other
1x It was a special or first-time experience
1x The elephants are cute
NIL
NIL
NIL
NIL
1x Felt like they were 'helping' or caring for the elephants
NIL

**Table S2.** Reasons respondents gave for choosing their least preferred activity. Additional details Figure 7. in the text. When the 'reason frequency' is nil, no reason was provided by respondents.

Total

123 reasons

Least Preferred Activity (n = 40)	Reason Frequency	
Didn't have a least preferred - liked them all		
Participants who visited bareback riding venues	NIL	
Participants who visited non-riding venues	NIL	
Participants who visited seated riding venues	NIL	
	ities (intentionally observed)	
Bathing in mud	2x Felt the elephants were forced to participate in the activity	
	2x They got wet or muddy	
	1x The activity felt like a performance	
	1x Would have preferred to watch the elephants bathe themselves	
	1x Felt weird around the guides	
	1x Personal health - got a rash or fear of sickness	
Bathing in river or waterfall	5x Felt the elephants were forced to participate in the activity	
	3x They got wet or muddy	
	2x Felt the elephants didn't enjoy the activity	
	1x The activity felt like a performance	
	1x Would have preferred to watch the elephants bathe themselves	
	1x Elephant not doing what the participant wanted	
	1x Personal health - got a rash or fear of sickness	
	1x Activity did not involve elephants	
Close contact activities	NIL	
Elephant tricks	NIL	
Elephant walk	4x Unprepared for a hike or unfit	
	1x Felt the elephants were forced to participate in the activity	
	1x Felt the elephants didn't enjoy the activity	
	1x Felt the elephants were not treated well during the activity	
	1x Hot weather	
Feeding	2x Chained in the sun or chained in general	
	2x Felt they did not interact enough with the elephants	
	1x The activity felt like a performance	
	1x Didn't find the activity interesting	
Riding - bareback	2x Felt the activity hurts the elephants or is 'inhumane and wrong'	
	1x Given too many commands or being yelled at by the mahouts	
	1x Elephants not in their natural habitat	
Riding - seated	1x The activity felt dangerous	
Taking posed photos with the elephants	NIL	

Animals **2021**, 11, 1094 4 of 16

Guides & mahouts		
Commands from mahouts	NIL	
Information from the guide	1x Didn't understand the guide's speech (non-native English speaker)	
	1x Wanted more educational information from the guide	
	Other	
Information from the guide	NIL	
Making vitamin balls for the elephants	1x Unsure of the purpose of the activity	
Observing elephants being treated for captivity-	NIL	
related injuries	INIL	
Participant expected to give more elephants a mud	NIL	
bath	IVIL	
Seeing the elephants chained	NIL	
Throwing mud at the participants	NIL	
Non-elephant activities	2x Long journey to the ETV	
	1x Personal health - got a rash or fear of sickness	
	1x Would have liked to spend more time walking instead of long lunch	
Total	49 reasons	

Table S3. Respondent preferences, per venue type, for riding or not riding an elephant in future.

	Venue Type Would Visit in Future (n = 132)				
Venue Type Visited	Non-Riding Venue	Bareback Riding Venue	Seated Riding Venue	Riding Venue (Unspecified)	Non-Response
Non-riding venue	84			4	18
Bareback riding venue	6	5		8	
Bareback riding venue (but did not ride)	2	4			1
Seated riding venue	2			1	
Total	94	6	0	13	19

Animals 2021, 11, 1094 5 of 16

**Table S4.** Reasons respondents gave for not riding an elephant in future. Additional details for Table 8 in the text.

Reasons Provided for not Wanting to Ride an Elephant again or in Future (n = 71)	Reason Frequency	Percent
Elephants unable to be natural		
Desire to experience elephants as naturally as possible	5	5.8
It is not normal	2	2.3
Should just observe them or we should not ride animals	2	2.3
For the elephant		
Hurts the elephant	10	11.6
Do not want to make elephant mad	1	1.16
Felt there were issues with the elephants' food	1	1.16
It's 'not right'	10	11.6
Riding elephants are treated badly or exploited	9	10.5
Riding is dangerous for the elephant	1	1.16
Riding is inhumane	19	22.09
The elephant 'doesn't like it'	5	5.8
Witnessed elephants being yelled at or physically manhandled	2	2.3
Won't ride an elephant because of the training process or because they 'have been abused'	5	5.8
For the participant		
Desire to protect elephants	1	1.16
Did it for the experience	2	2.3
Do not want to encourage lots of other tourists to do it	1	1.16
'I don't like it' or heard bad stories	3	3.5
It's a tourist activity – do not really meet the elephant	1	1.16
Riding is unnecessary or have no desire for it	3	3.5
Riding was scary	2	2.3
Will never ride an elephant and wants to spread the message	1	1.16
Total	86	

**Table S5.** Ranking of ETVs based on the tourists' satisfaction with the venues. '\*' denotes the venues that were visited once, and '^' denotes the venue at which two participants did not respond to this question.

Rank	ETV Type	<b>Tourist Satisfaction Percent</b>	No. of Participants (n = 130)
1	Bareback riding	100	5
1	Bareback riding	100	2
1	Non-riding	100	7*
4	Non-riding	89.5	19
5	Non-riding	86.67	31^
6	Non-riding	80.56	36*
7	Bareback riding	66.67	6
7	Seated riding	66.67	3*
9	Non-riding	62.5	8
10	Bareback riding	33.3	4*
10	Non-riding	33.3	3*
12	Bareback riding	20	6

Animals 2021, 11, 1094 6 of 16

**Table S6.** Reasons respondents gave for willingness to return to the ETV they visited. Additional details for Table 9 in the text.

Reasons for Re-Visiting an ETV (n = 88)	Reason Frequency	Percent
Diverse activities or felt the elephants liked the activities	2	1.37
Educational	9	6.16
Liked the ETV	8	5.48
Repeat visitor	1	0.68
Guides or staff		
Guides and ETV staff were friendly or 'good'	19	13.01
Guides were knowledgeable or answered their questions re: treatment of elephants	8	5.48
Staff 'love' the elephants or believed they had a good relationship with the elephants	3	1.37
For the elephant		
Elephants seemed happy or allowed to be free at night	6	4.11
Felt like spent the day with elephants in their natural habitat	8	5.48
Felt the ETV cared for and treated the elephants humanely	31	21.23
The visit supports the elephants	1	0.68
For the participant		
Close contact or interactions with elephants	7	4.79
ETV is therapeutic	1	0.68
Felt a part of the wildlife	1	0.68
Felt safe	1	0.68
Liked the elephants	6	4.11
Good experience		
Had fun and enjoyed themselves at the ETV	23	15.75
Once in a lifetime or good experience	11	1.5
Total	146	

**Table S7.** Reasons respondents gave for <u>not</u> returning to the ETV they visited. Additional details for Table 10 in the text.

Reasons for <u>not</u> Re-Visiting an ETV (n = 29)	Reason Frequency	Percent
For the elephant		
Do not believe the elephants are treated well or have a 'good life'	3	8.1
Elephants were chained or sad to see them chained	3	8.1
Felt like the elephants were forced to do things they didn't want to do	2	5.4
Witnessed elephants being yelled at or physically manhandled	1	2.7
For the participant		
Do not think 'sanctuaries' in Thailand care for their elephants or do not believe the guides are telling the whole truth	2	5.4
Learnt new information and now believe elephants should be in a sanctuary	1	2.7
Scared of elephants	1	2.7
Too far to travel or won't be back to Thailand	3	8.1
Too many visitors or wanted a more personal experience or to volunteer for a longer time	2	5.4
Wanted to make better choices and find an ETV (or 'sanctuary') that does not use chains or offer activities like riding and elephant tricks	4	10.8
Want to visit another ETV or prefer another ETV	2	5.4
Wasn't what participant expected	2	5.4
Would like to help elephants in a different way	1	2.7
Would only ever visit an ETV or have this experience once	5	13.5
Would prefer to see elephants in their natural habitat	5	13.5
Total	37	

Animals 2021, 11, 1094 7 of 16

**Table S8.** Reasons respondents gave for believing the ETV they visited treats their elephants appropriately. Additional details for Table 11 in the text.

ETV does treat Elephants appropriately (n = 81)	Reason Frequency	Percent
Believe elephants are happy or relaxed or look healthy	8	6.7
Believe elephants are part of the mahout's or venue's family or are dedicated	6	5.04
staff	O	5.04
Did not see anything that concerned them	9	7.56
Did not witness any harm towards the elephants or did not see any wounds	9	7.56
Elephants are able to be elephants or can do what they like	4	3.36
Elephants were treated well and cared for	28	23.53
Elephants had free time after finished the activities or could roam free on off	2	1.68
days	2	1.00
Elephants have specialised individual health care or ETV makes medicine for them	3	2.52
Elephants live in a more natural setting compared to other ETVs or have		
freedom	8	6.7
Elephants received a lot of attention	1	0.84
Elephants were well fed or given extra water by hose	6	0.04
Knowledge and information provided by the guides	10	8.4
It looks like a 'real' sanctuary	1	0.84
'It's a feeling'	1	0.84
Kept calves with their mothers or calves could interact with other elephants	2	1.68
Large property or enclosure	1	0.84
Mahouts do not yell at elephants or carry sticks	1	0.84
No chaining	2	1.68
No elephant show	1	0.84
No hook or punishment	2	1.68
No riding or elephants only ridden for a limited time	3	2.52
Not sanctuary level care, but treatment seemed justified to allow for tourists to		
visit	3	2.52
Issues that concerned participants, but they still believe the	ETV cares for its elephants	
Didn't like that mahouts pulled on the elephants' ears and want them to let the	1	0.04
elephants do what they want	1	0.84
Elephants made to learn tricks	1	0.84
Elephants were chained or for long periods	2	1.68
Observed stereotypical behaviour	1	0.84
Sceptical re: where elephants are before and after activities – do not believe	1	0.84
they roam free	1	0.94
Too many tourists - elephants seemed stressed	1	0.84
Wish the elephants could be in the wild	1	0.84
TOTAL	119	

Table S9. Reasons respondents gave for being unsure whether the ETV they visited treats their elephants appropriately.

Unsure whether ETV Treats Elephants Appropriately (n = 21)	Reason Frequency	Percent
Believe elephants are treated appropriately 'for what it is' – ETV seemed to care for the elephants	1	3.13
Believe the ETV profits from the elephants or recently 'purchased' elephants	2	6.25
Calves were separated from their mothers	1	3.13
Didn't like the elephants' enclosure	2	6.25
'Don't know why, just don't feel good'	1	3.13
Elephant still used for rides has killed people	1	3.13
Elephants treated well but felt the elephants were forced to do the activities or elephants are still a show	2	6.25
Elephants were chained for long periods	5	15.62
Elephants were ridden	1	3.13
Mahout had a small knife	1	3.13

Animals **2021**, 11, 1094 8 of 16

Not fed enough	1	3.13
Elephants appeared stressed	3	9.38
Too many tourists	3	9.38
Unsure if the elephants should just be in the wild	1	3.13
Unsure what 'appropriate' treatment is - did not witness elephants being harmed	1	3.13
Witnessed perceived harm or cruelty		
Did not like how some of the mahouts behaved towards the elephants - wanted an	2	6.25
explanation	_	0.20
Mahouts poked the elephants with bamboo	1	3.13
Mahouts pulled the elephants' ears	1	3.13
Mahouts yelled at elephants	1	3.13
Observed marks on elephants that seem recent	1	3.13
Total	32	

Animals **2021**, 11, 1094 9 of 16

Q	Questionnaires (format condensed here)							
Pr	Pre-Visit Questionnaire							
Pl	lease Fill in Your Initials & Year of Birth Here $\rightarrow$ Questionnaire#:							
1.	In what region is y	our permanent residen	ice?					
	East Asia	☐ The Americas	□ Oceania	□ Africa				
	South Asia	□ Europe	☐ Middle East					
2.	How do you identi	ify?						
	Male	☐ Female	□ Prefe	not to say	□ Ot	her		
3.	What is your age?							
	□ 18-29 years old	□ 40-49 ye	ears old	□ 60-69 у	ears old			
	$\square$ 30-39 years old	□ 50-59 ye	ears old	$\Box$ 70 and	over			
4.	What is the highest	t level of education tha	t you have attair	ned?				
	☐ Less than high (s	secondary) school	□ High (	secondary) school				
	☐ College Diploma	a/ Tafe Certificate	☐ Under	graduate Degree				
	☐ Masters/Honour	rs Degree		rate				
5.	I currently own a p	oet or have owned a pe	t:					
	□ Yes	□No						
6.	How long is your v	vacation in Thailand?						
	☐ Less than 1 weel	k □ 2 – 3 we	eeks	☐ More than 4	weeks			
	$\Box$ 1 – 2 weeks	$\Box 3 - 4$ we	eeks					

7. Please check all the activities that you have participated in, or wish to participate in, during your visit to Thailand:

Animals **2021**, 11, 1094 10 of 16

Elephant Trekking   Wildlife Reserve/Sanctuary   Shopping   Water Activities e.g. cruise, snorkelling, beaches etc.   Medical Procedures   Tiger Temples   Sport e.g. Thai boxing   Cooking Classes   Botanical Gardens   Other (Please Specify)    8. What is your primary reason for visiting Thailand?    9. Please check all reasons for visiting this particular elephant park:   I heard it has a good reputation   I researched elephant parks in the area and found that this be suited my needs   This park was recommended to me   This park fit within my budget   This was the first place I saw   This park was advertised by a local travel agent   Other (Please Specify)    10. Is this your first visit to an elephant park?   Yes   No    11. If this is not your first visit, how many times have you been to an elephant park?   Two   Three   Four   More than 4 times    12. How long do you expect to stay at the elephant park?   Day Visit   Two days (1 overnight)   Three days (2 overnight)   Other (Please Specify)		☐ Cultural Attractions e	.g. temples, hill-tribe	es, hiking, the	atre etc. □ Wildlife Viewing	
Tiger Temples		☐ Elephant Trekking	☐ Wildlife Reserve	e/Sanctuary	☐ Shopping	
Botanical Gardens		☐ Water Activities e.g. c	ruise, snorkelling, b	eaches etc.	☐ Medical Procedures	3
9. Please check all reasons for visiting this particular elephant park:    I heard it has a good reputation		$\square$ Tiger Temples	□ Sport e.g. Thai b	oxing	☐ Cooking Classes	
9. Please check all reasons for visiting this particular elephant park:    I heard it has a good reputation		$\square$ Botanical Gardens	$\square$ Other (Please Sp	ecify)		
9. Please check all reasons for visiting this particular elephant park:    I heard it has a good reputation	8.	What is your primary re	ason for visiting Tha	niland?		
☐ I heard it has a good reputation ☐ I researched elephant parks in the area and found that this be suited my needs ☐ This park was recommended to me ☐ This park fit within my budget ☐ This was the first place I saw ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ No  11. If this is not your first visit, how many times have you been to an elephant park? ☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park? ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)		The state of the s	0			
☐ I heard it has a good reputation ☐ I researched elephant parks in the area and found that this be suited my needs ☐ This park was recommended to me ☐ This park fit within my budget ☐ This was the first place I saw ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ No  11. If this is not your first visit, how many times have you been to an elephant park? ☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park? ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)						
☐ I heard it has a good reputation ☐ I researched elephant parks in the area and found that this be suited my needs ☐ This park was recommended to me ☐ This park fit within my budget ☐ This was the first place I saw ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ No  11. If this is not your first visit, how many times have you been to an elephant park? ☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park? ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)						
☐ I heard it has a good reputation ☐ I researched elephant parks in the area and found that this be suited my needs ☐ This park was recommended to me ☐ This park fit within my budget ☐ This was the first place I saw ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ This park was advertised by a local travel agent ☐ Other (Please Specify) ☐ No  11. If this is not your first visit, how many times have you been to an elephant park? ☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park? ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)						
suited my needs  This park was recommended to me This park fit within my budget This was the first place I saw Other (Please Specify)  To this your first visit to an elephant park?  Yes No  It this is not your first visit, how many times have you been to an elephant park? Two Three Four More than 4 times  Day Visit Two days (1 overnight) Three days (2 overnight)	9.	Please check all reasons	for visiting this part	icular elephar	nt park:	
□ This was the first place I saw □ This park was advertised by a local travel agent   □ Other (Please Specify) □   10. Is this your first visit to an elephant park?   □ Yes □ No   11. If this is not your first visit, how many times have you been to an elephant park?   □ Two □ Three   □ Four □ More than 4 times   12. How long do you expect to stay at the elephant park?   □ Day Visit □ Two days (1 overnight)   □ Three days (2 overnight)		☐ I heard it has a good r	reputation		• •	a and found that this best
□ Other (Please Specify)  10. Is this your first visit to an elephant park? □ Yes □ No  11. If this is not your first visit, how many times have you been to an elephant park? □ Two □ Three □ Four □ More than 4 times  12. How long do you expect to stay at the elephant park? □ Day Visit □ Two days (1 overnight) □ Three days (2 overnight)		☐ This park was recomm	mended to me	This park fit	within my budget	
10. Is this your first visit to an elephant park?  Yes No  11. If this is not your first visit, how many times have you been to an elephant park?  Two Three Four More than 4 times  12. How long do you expect to stay at the elephant park?  Day Visit Two days (1 overnight) Three days (2 overnight)		☐ This was the first place	e I saw	☐ This pa	ark was advertised by a local t	ravel agent
☐ Yes ☐ No  11. If this is not your first visit, how many times have you been to an elephant park?  ☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park?  ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)		☐ Other (Please Specify)	·			
☐ Yes ☐ No  11. If this is not your first visit, how many times have you been to an elephant park?  ☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park?  ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)						
<ul> <li>11. If this is not your first visit, how many times have you been to an elephant park?</li> <li>□ Two □ Three □ Four □ More than 4 times</li> <li>12. How long do you expect to stay at the elephant park?</li> <li>□ Day Visit □ Two days (1 overnight) □ Three days (2 overnight)</li> </ul>	10.	Is this your first visit to a	an elephant park?			
☐ Two ☐ Three ☐ Four ☐ More than 4 times  12. How long do you expect to stay at the elephant park?  ☐ Day Visit ☐ Two days (1 overnight) ☐ Three days (2 overnight)		□ Yes	□No			
<ul><li>12. How long do you expect to stay at the elephant park?</li><li>□ Day Visit □ Two days (1 overnight) □ Three days (2 overnight)</li></ul>	11.	If this is not your first vi	sit, how many times	have you bee	en to an elephant park?	
□ Day Visit □ Two days (1 overnight) □ Three days (2 overnight)		☐ Two ☐ Three	□ Four	□ More t	han 4 times	
	12.	How long do you expect	t to stay at the elepha	ant park?		
		□ Day Visit □ Two da	ys (1 overnight) □	] Three days (	2 overnight)	
		•				

Animals **2021**, 11, 1094 11 of 16

13.	Please check all the elephant-related your visit to Thailand:	activities that you have participated in, or would like to participate in, during
	☐ Elephant Walks (no riding)	☐ Elephant Shows e.g. painting, soccer, orchestra
	$\square$ Elephant Ride Bareback	□ Visit a Zoo
	☐ Elephant Ride with Howdah (sea	t) □ Feed Street Elephants
	☐ Visit a National Park/Sanctuary to	o View Elephants in the Wild
	☐ Other (Please Specify)	
	☐ I would not participate in any ele	phant activities listed above

# $Please\ circle\ the\ number\ that\ best\ corresponds\ with\ your\ response\ to\ the\ statements\ below:$

Question		Strongly Disagree				Strongly Agree
14	I enjoy viewing wildlife in a natural setting.	1	2	3	4	5
15	I am visiting the park because I would like to have close interactions with elephants.	1	2	3	4	5
16	I would like to learn more about the Asian elephant.	1	2	3	4	5
17	I enjoy watching elephants perform tricks.	1	2	3	4	5
18	I would like to volunteer with organisations back home that advocate and protect animal rights (i.e. a shelter).	1	2	3	4	5
19	I would like to donate money to animal conservation organisations.	1	2	3	4	5
20	The welfare and protection of animals is important to me.	1	2	3	4	5
21	I am aware of the conservation issues surrounding elephants in Thailand.	1	2	3	4	5
22	I am aware of the laws, regulations, and policies that govern elephant rights in Thailand.	1	2	3	4	5
23	I would <u>not</u> change the current policies governing elephants in Thailand.	1	2	3	4	5
24	I feel that elephants are treated humanely in Thailand.	1	2	3	4	5
25	I would like to volunteer at an elephant park.	1	2	3	4	5
	Identify how important these factor	ors are for elepl	hant conse	vation:		
Question	1	Not Important				Extremely
		_		_		Important
26	Laws/Protective Legislation	1	2	3	4	5
27	Fundraising	1	2	3	4	5
28	Creating Public Awareness	1	2	3	4	5
29	Government Support	1	2	3	4	5
30	Non-Governmental Organisation (NGO)	1	2	3	4	5
31	Community Support	1	2	3	4	5
32	Volunteers	1	2	3	4	5

Animals **2021**, 11, 1094 12 of 16

## Post-Visit Questionnaire

Ρl	Please Fill in Your Initials & Year of Birth Here $\rightarrow$ Questionnaire #:						
1.	How long did you stay at the elephant park?						
	□ Day Visit □ Three Days (2 Overnight)						
	$\Box$ Two days (1 Overnight) $\Box$ I decided to stay on as a volunteer						
2.	What was your favourite activity that the elephant park offered today? Why?						
2							
3.	What was your least favourite activity that the elephant park offered today? Why?						
4.	Did you ride an elephant today? (Please check all that apply)						
	□ Yes □ No						
	$\square$ With Howdah (seat) $\square$ Bareback						
5.	Would you ride an elephant again?						
	□ Yes □ No						
	☐ With Howdah (seat) ☐ Bareback						
6.	If no, please explain						
7.	Would you visit this park again?						
	□ Yes □ No						
8.	Why/why not?						

Animals **2021**, 11, 1094

9.	<b>9.</b> From what you have seen here today, are you of the opinion that this park cares for their elephants appropriately?							
	□ Yes	□ No	□ Unsure					
10	Why/why not? (did you	ı see anything today that concer	ned you?).					

Think about the experiences you just had at the elephant park and circle the number that best corresponds with your response to the statements below:

Question		Strongly Disagree				Strongly Agree
11	I enjoy viewing wildlife in a natural setting.	1	2	3	4	5
12	I am visiting the park because I would like to have close interactions with elephants.	1	2	3	4	5
13	I would like to learn more about the Asian elephant.	1	2	3	4	5
14	I enjoy watching elephants perform tricks.	1	2	3	4	5
	I would like to volunteer with organisations back					
15	home that advocate and protect animal rights	1	2	3	4	5
	(i.e. a shelter).					
16	I would like to donate money to animal conservation organisations.	1	2	3	4	5
17	The welfare and protection of animals is important to me.	1	2	3	4	5
18	I am aware of the conservation issues surrounding elephants in Thailand.	1	2	3	4	5
19	I am aware of the laws, regulations, and policies that govern elephant rights in Thailand.	1	2	3	4	5
20	I would <u>not</u> change the current policies governing elephants in Thailand.	1	2	3	4	5
21	I feel that elephants are treated humanely in Thailand.	1	2	3	4	5
22	I would like to volunteer at an elephant park.	1	2	3	4	5
	Identify <u>how important</u> these facto	rs are for eleph	nant conser	vation:		
	· -	_				Extremely
Question	1	Not Important				Important
23	Laws/Protective Legislation	1	2	3	4	5
24	Fundraising	1	2	3	4	5
25	Creating Public Awareness	1	2	3	4	5
26	Government Support	1	2	3	4	5
27	Non-Governmental Organisation (NGO)	1	2	3	4	5
28	Community Support	1	2	3	4	5
29	Volunteers	1	2	3	4	5

**Tourist Questionnaire Information Sheet** 

The relationships between Asian elephants and people at elephant parks in Thailand.

HARD COPY QUESTIONNAIRE COVERSHEET

Animals 2021, 11, 1094 14 of 16

Who is conducting the research

Chief Investigators: (Names)

Student Researcher: (Name)

University Name, Country

Phone: (International number)

Email: (Chief Investigator email)

Why is the research being conducted?

This research investigates elephant welfare in Chiang Mai, Thailand. It aims to identify the pre- and post-trip perceptions and opinions of international tourists and volunteers experiencing encounters with elephants in Thailand, and to determine how ecotourism affects the welfare of captive Thai elephants. This research forms a component of the

student's academic program.

What you will be asked to do

As a participant in this research, you are asked to agree to participate in a questionnaire about your experiences with elephants and elephant parks in Thailand, in particular your attitudes towards, and perceptions of, elephant health and wellbe-

ing. The questionnaire will take about 10 minutes.

The expected benefits of the research

This research is expected to contribute to scientific knowledge about the improvement of elephant welfare in Thailand, and ways to increase tourist satisfaction. In addition, we hope to educate the general public on the implications of training ele-

phants (and in turn, other wild animals) to perform unnatural behaviours for the entertainment of tourists.

Risks to you

There are no foreseeable risks to you. Should you have any doubts about risks, you are able to discontinue the questionnaire

at any point in time by voicing your concern to the researcher.

Your confidentiality

All data collected during this study will be de-identified. This means that data will be presented in research publications in a

manner that will not identify you or allow you to be identified by third parties.

As required by (University name), all research data (questionnaire responses and analysis) will be retained in a password

protected electronic file at (University name) for a period of five years, before being destroyed.

Your participation is voluntary

Animals 2021, 11, 1094 15 of 16

Your participation in this questionnaire is entirely voluntary. You are free to withdraw from the study, and can discontinue answering the questions posed to you at any time.

#### Mechanism for distribution and return

Questionnaires are distributed to people visiting the elephant parks, generally by bus. You may return your completed questionnaire to the person who distributed it.

The results of this study will only be used in scientific literature. No feedback will be given to participants outside of this.

#### Questions / further information

Should you have any questions or require further information, you are welcome to contact (Chief Investigator name and email), (Chief Investigator name email), or (Student Researcher name and email).

#### The ethical conduct of this research

(University name) has cleared this project regarding any ethical concerns (ref no.). (University name) conducts research in accordance with the *National Statement on Ethical Conduct in Human Research*. If you have any concerns or complaints about the ethical conduct of the research project, you may contact the Manager, Research Ethics on (phone number) or **(email address)**.

### **Privacy Statement**

The conduct of this research involves the collection, access and/or use of your identified personal information. The information collected is confidential and will not be disclosed to third parties without your consent, except to meet government, legal or other regulatory authority requirements. A de-identified copy of this data may be used for other research purposes including publishing openly (e.g., in an open access repository). However, your anonymity will at all times be safeguarded. For further information consult the University's Privacy Plan at (website) or telephone (number).

## **ETV Recruitment Email Script**

Dear Sir/Madam,

My name is (Researcher name), and I am a PhD candidate at (University name), located in (State, Country).

My study investigates the attitudes of international volunteers/tourists travelling to Thailand to interact with elephants in the ecotourism industry. This study will involve personal visits to a number of elephant camps/parks in the Chiang Mai area to describe the range of interactions between visitors and elephants and to assess the experience of tourists with the park and the activities on offer. I plan to visit between Nov 2017- April 2018, however, I would only need to visit (Elephant tourism venue [ETV] name) for two days during this time. A number of parks have already agreed to participate in this study, and it would be great if you joined as well!

Animals 2021, 11, 1094 16 of 16

I do not require any special requirements as I hope to simply observe the interactions between the elephants and the guests of the park throughout the day. I am hoping to participate in activities like any other guest of the park, and as such would of course pay the entry fee associated with partaking in the day's activities.

The purpose of this email is to seek the permission of the staff at (ETV name) to undertake this research at the park. Please find attached my permission letter from the NRCT to perform this research in Thailand. I wish to visit your park as part of this study; however, I am aware that visitor placement may have been filled well into next year. This does not pose a problem as I would not require accommodation on your premises, simply to join in the daily activities. Please do not hesitate to contact me if you have any questions, and I look forward to hearing from you soon.

Kind Regards,

(Researcher name)