Cold blooded cognition

Start of Block: Default Question Block
*
Q1 Taking part in this research project, I'm declaring to be an adult (> 18 years old)
O I declare it (1)
O I do not (2)
Page Break

Q49 Participant Information Sheet/Information about the research

(Final version 1.0: 15/09/2020) Title of Study: Reptile Cognition Survey

Name of Researcher(s): Anna Wilkinson, Oliver Burman, Agnese Crisante

Contact Details of the Researchers are given at the end.

We would like to invite you to take part in our research study. Joining the study is entirely up to you. Before you decide, we would like you to understand why the research is being done and what it would involve for you, and answer any questions you may have (see contact details below). The questionnaire should take about 10 minutes. Please feel free to talk to others about the study if you wish.

What is the purpose of the study?

The aim of this study is to understand people's perception of animal intelligence, with a particular focus on reptiles. This will be done using an online questionnaire.

Why have I been invited?

You are being invited to take part because we would like to collect data from both those who have experience with reptiles and those who have never had any direct experience with them.

Do I have to take part?

It is up to you to decide whether or not to take part. If you decide to take part you are still free to withdraw at any time and without giving a reason. This would not affect your legal rights.

What will happen to me if I take part?

If you decide to take part in the study, you will be asked to fill out an online questionnaire giving some information about your pet reptile(s) (if you have one), and your opinion in response to some questions about reptile intelligence. We will not collect any personal information that could identify you.

Expenses and payments

You will not be paid to participate in the study.

What are the possible disadvantages and risks of taking part?

We cannot foresee any disadvantages or risks regarding your participation. Your participation in this study is fully voluntary, so if you decide to take part, we hope that the participation itself should not be a burden for you. Please, keep in mind that there are no right or wrong answers to this questionnaire. We would like to collect your honest opinion based on your personal experience.

What are the possible benefits of taking part?

We cannot promise any direct benefits to you if you decide to take part in this survey. However, the answers to the survey questions could help to inform future directions in reptile welfare.

Will my taking part in the study be kept confidential?

For this survey we will not collect any personal data, the participation is anonymous. We will only ask you for information regarding your age and your gender. We will follow ethical and legal practice and all information about you will be handled in confidence.

Privacy notice

The University of Lincoln is the lead organisation for this study and will be the data controller for this study. This means that we are responsible for looking after your information and using it properly. The university's Research Participant Privacy Notice

https://ethics.lincoln.ac.uk/research-privacy-notice/ will explain how we will be using information

from you in order to undertake this study.

What will happen if I don't want to carry on with the study?

Your participation is voluntary and you are free to withdraw at any time, without giving any reason, and without your legal rights being affected. As your participation is anonymous it will not be possible to withdraw your data once submitted, as I/we have no way of identifying you.

Where will my data be stored?

The data obtained from the study will be stored securely, for example, on the university OneDrive in a password protected file. Only the researchers will have access to it. The data from this study *may* be put in an Open Access repository.

What will happen to the results of the research study?

Data will be treated confidentially and any publication resulting from this study will report only data that does not identify individual participants.

Who is organising and funding the research?

This research is being organised by the University of Lincoln.

Who has reviewed the study?

All research conducted by the University of Lincoln is looked at by an independent group of people, called a Research Ethics Committee, to protect your interests.

What if there is a problem?

If you have a concern about any aspect of this study, you should ask to speak to the researchers, who will do their best to answer your questions. The researchers' contact details are given at the end of this information sheet. If you remain unhappy and wish to complain formally, you can do this by contacting ethics@lincoln.ac.uk. If you feel that we have let you down in relation to your information rights then please contact the Information Compliance team by email on compliance@lincoln.ac.uk or by post at Information Compliance, Secretariat, University of Lincoln, Brayford Pool, Lincoln, LN6 7TS. You can also make complaints directly to the Information Commissioner's Office (ICO). The ICO is the independent authority upholding information rights for the UK. Their website is ico.org.uk and their telephone helpline number is 0303 123 1113.

Further information and contact details

If you need more information or have comments or complaints please get into contact with: Agnese Crisante, Email: ACrisante@lincoln.ac.uk Anna Wilkinson, Email: AWilkinson@lincoln.ac.uk Oliver Burman, Email: oburman@lincoln.ac.uk

Q50 Project ID: 3450_2020 CONSENT TO PARTICIPATE IN RESEARCH Title of Project: Cold Blooded Care - improving public understanding of reptile welfare Name of Researcher: Agnese Crisante

Please, read carefully: I confirm that I have read the information sheet dated 15/09/2020 (version 1.0) for the above study. I have had the opportunity to consider the information, ask questions and have

had these answered satisfactorily. I understand that my participation is voluntary and that I am free to withdraw at any time without giving any reason, without my legal rights being affected. I understand that should I withdraw then the information collected so far may not be

erased and that this information may still be used in the project analysis. I understand that individuals from the University of Lincoln may look at research data collected during the st to ensure that the study is conducted appropriately. I give permission for these individuals have access to my records; I understand that my personal details shall be kept confidential. I understand that the information collected about me will be used to support other research in the future, and may be shared anonymously with other researched lagree to take part in the above study.	
Page Break ————————————————————————————————————	

Q2 Which one of the following best describes your gender?
○ Female (1)
○ Male (2)
O Prefer not to say (3)
O If you describe your gender with another term, please provide this here: (4)
Q3 How old are you?
O 18-24 (1)
O 25-34 (2)
O 35-44 (3)
O 45-54 (4)
O 55-64 (5)
○ 65 or over (6)
Page Break ————————————————————————————————————

-	any direct experience with reptiles (e.g.: you own or have previously owned arly interacted with them, or worked with them, etc.)?
O Yes (1)	
O No (2)	
Q5 Do you curre	ently own a pet reptile?
O Yes (1)	
O No (2)	
Display This Ques	tion:
	rently own a pet reptile? = Yes
Q6 Which group	does your pet reptile belong in? (select one or more answers)
Т	errapin, tortoise and/or turtle (1)
S	nake (2)
Li	izard (3)
	ther (4)
D: 1 TI: 0	
Display This Ques If Which grou and/or turtle	stion: p does your pet reptile belong in? (select one or more answers) = Terrapin, tortoise

Page 6 of 31

Q7 How many terrapins, tortoises and/or turtles do you have?
O 1 (1)
O 2 (2)
O 3 (3)
O 4 (4)
O More: (5)
Display This Question:
If Which group does your pet reptile belong in? (select one or more answers) = Snake
Q8 How many snakes do you have?
O 1 (1)
O 2 (2)
O 3 (3)
O 4 (4)
O More: (5)
Display This Question:
If Which group does your pet reptile belong in? (select one or more answers) = Lizard

Page 7 of 31

Q9 How many lizards do you have?
O 1 (1)
O 2 (2)
O 3 (3)
O 4 (4)
O More: (5)
Display This Question:
If Which group does your pet reptile belong in? (select one or more answers) = Other
Q10 How many reptiles other than snakes, lizards, terrapins, tortoises and turtles do you have?
O 1 (1)
O 2 (2)
O 3 (3)
O 4 (4)
O More: (5)
Page Break ————————————————————————————————————

Display This Question:
If Do you currently own a pet reptile? = Yes
Q11 Do you consider your pet as a member of your family?
O Definitely yes (1)
O Probably yes (2)
Might or might not (3)
O Probably not (4)
O Definitely not (5)
Display This Question: If Do you currently own a pet reptile? = Yes
Q12 Do you think your pet reptile has a favourite place in his/her enclosure?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
Operation Definitely not (5)

O Definitely yes (1)
O Probably yes (2)
O Might or might not (3)
O Probably not (4)
O Definitely not (5)
Q14 Do you think reptiles have feelings?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
Opefinitely not (5)
Q15 Do you think reptiles can be emotionally attached to their owners?
O Definitely yes (1)
O Probably yes (2)
O Might or might not (3)
O Probably not (4)
O Definitely not (5)

Q13 Do you think pet reptiles are able to recognize their owner?

Q16 Q10: Do you think reptiles can remember things?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
O Definitely not (5)
Q17 Do you think pet reptiles are able to remember where the important things in their enclosure (eg: food, water, shelter) are located?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
O Definitely not (5)
Q18 Do you think reptiles are able to communicate with other reptiles?
O Definitely yes (1)
O Probably yes (2)
O Might or might not (3)
O Probably not (4)
O Definitely not (5)

Q19 Do you think reptiles can learn?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
Openitely not (5)
Q20 Do you think pet reptiles need to live in a complex and enriching environment?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
O Definitely not (5)
Q21 Do you think reptiles can suffer?
O Definitely yes (1)
O Probably yes (2)
○ Might or might not (3)
O Probably not (4)
Openitely not (5)

Q22 Do you th	nink pet reptiles need (select one or more answers)
	Social interaction (eg: interaction with other animals, if social) (1)
	Activity time (eg: access to new objects and environments to explore) (2)
handling)	Interaction with humans (eg: safe and appropriate removal from enclosure and (3)
ways, suc	Dietary variation (eg: different types of food, food being accessed in different h as scatter feeding) (4)
animals a	Sensory stimulation (eg: adding a new substrate in the enclosure, giving to the new object that smells different, making the enclosure looks different) (5)
	Space to stretch out to their full body length (6)
	Space to move about and explore (7)
	A choice of resources (eg: access to a range of different resting sites) (8)
	None of the above (9)

Q23 Which of these parameters would you consider when preparing your reptile enclosure? (select one or more answers)

	Temperature (1)
	Humidity (2)
	Substrate (3)
	Size of the enclosure (4)
	Hiding places (5)
	Basking spots (6)
	Light cycle (eg: lighting on/off) (7)
	External noises (8)
	Enrichment (9)
Page Break	

Q24 Please assign a score to the following animals according to your perception of their ability to suffer (where 1 they cannot suffer and 10 they can definitely suffer)

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 (10)
Canary (1)	0	0	0	0	0	0	0	0	0	0
Goldfish (2)	0	\circ	0							
Tarantula (3)	0	\circ	0	\circ	0	0	0	\circ	0	\circ
Lizard (4)	0	\circ								
Tortoise (5)	0	\circ								
Rabbit (6)	0	\circ								
Koi carp (7)	0	\circ	0	0	0	0	0	0	0	\circ
Cat (8)	0	\circ								
Chicken (9)	0	\circ								
Dog (10)	0	\circ	0							
Parrot (11)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Snake (12)	0	0	\circ	0	\circ	\circ	\circ	\circ	\circ	\circ
Guinea pig (13)	0	\circ								
Stick insect (14)	0	\circ	0	\circ	\circ	0	0	\circ	\circ	\circ
Giant African snail (15)	0	0	\circ	0	\circ	0	\circ	0	0	0

Q25 Please assign a score to the following animals according to your perception of their intelligence (where 1 is non-intelligent and 10 is very intelligent)

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 (10)
Canary (1)	0	0	0	0	0	0	0	0	0	0
Goldfish (2)	0	\circ	0							
Tarantula (3)	0	\circ	0	\circ	0	0	0	\circ	0	\circ
Lizard (4)	0	\circ								
Tortoise (5)	0	\circ								
Rabbit (6)	0	\circ								
Koi carp (7)	0	\circ	0	0	0	0	0	0	0	\circ
Cat (8)	0	\circ								
Chicken (9)	0	\circ								
Dog (10)	0	\circ	0							
Parrot (11)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Snake (12)	0	0	\circ	0	\circ	\circ	\circ	\circ	\circ	\circ
Guinea pig (13)	0	\circ								
Stick insect (14)	0	\circ	0	\circ	\circ	0	0	\circ	\circ	\circ
Giant African snail (15)	0	0	\circ	0	\circ	0	\circ	0	0	0

Q26 Please assign a score to the following animals according to your perception of their memory abilities (where 1 has no memory at all and 10 remembers everything)

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 (10)
Canary (1)	0	0	0	0	0	0	0	0	0	0
Goldfish (2)	0	\circ	0							
Tarantula (3)	0	\circ	0	\circ	0	0	0	\circ	0	\circ
Lizard (4)	0	\circ								
Tortoise (5)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Rabbit (6)	0	\circ								
Koi carp (7)	0	\circ	0	0	0	0	0	0	0	\circ
Cat (8)	0	\circ								
Chicken (9)	0	\circ								
Dog (10)	0	\circ	0							
Parrot (11)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Snake (12)	0	0	\circ	0	\circ	\circ	\circ	\circ	\circ	\circ
Guinea pig (13)	0	\circ								
Stick insect (14)	0	\circ	0	\circ	\circ	0	0	\circ	\circ	\circ
Giant African snail (15)	0	0	\circ	0	\circ	0	\circ	0	0	0

Q27 Please assign a score to the following animals according to your perception of their learning abilities (where 1 cannot learn and 10 is an excellent learner)

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 (10)
Canary (1)	0	0	0	0	0	0	0	0	0	0
Goldfish (2)	0	\circ	0							
Tarantula (3)	0	\circ	0	\circ	0	0	0	\circ	0	\circ
Lizard (4)	0	\circ								
Tortoise (5)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Rabbit (6)	0	\circ								
Koi carp (7)	0	\circ	0	0	0	0	0	0	0	\circ
Cat (8)	0	\circ								
Chicken (9)	0	\circ								
Dog (10)	0	\circ	0							
Parrot (11)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Snake (12)	0	0	\circ	0	\circ	\circ	\circ	\circ	\circ	\circ
Guinea pig (13)	0	\circ								
Stick insect (14)	0	\circ	0	\circ	\circ	0	0	\circ	\circ	\circ
Giant African snail (15)	0	0	\circ	0	\circ	0	\circ	0	0	0

Q28 Please assign a score to the following animals according to your perception of their capacity to be emotionally attached to their owner (where 1 is no emotional attachment and 10 is a very strong emotional attachment)

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 (10)
Canary (1)	0	0	0	0	0	0	0	0	0	0
Goldfish (2)	0	\circ	0							
Tarantula (3)	0	\circ	0	\circ	0	0	0	\circ	0	\circ
Lizard (4)	0	\circ								
Tortoise (5)	0	\circ								
Rabbit (6)	0	\circ								
Koi carp (7)	0	\circ	0	0	0	0	0	0	0	\circ
Cat (8)	0	\circ								
Chicken (9)	0	\circ								
Dog (10)	0	\circ	0							
Parrot (11)	0	\circ	\circ	\circ	\circ	\circ		\circ	\circ	\circ
Snake (12)	0	0	\circ	0	\circ	\circ	\circ	\circ	\circ	\circ
Guinea pig (13)	0	\circ								
Stick insect (14)	0	\circ	0	\circ	\circ	0	0	\circ	\circ	\circ
Giant African snail (15)	0	0	\circ	0	\circ	0	\circ	0	0	0

Frog (16)	0	\circ	\circ	\circ	0	0	\circ	\circ	0	\bigcirc
Page Break										