

Riverine people's knowledge of the Vulnerable Amazonian manatee *Trichechus inunguis* in contrasting protected areas

LUCIANA CARVALHO CREMA, VERA MARIA FERREIRA DA SILVA and
MARIA TERESA FERNANDEZ PIEDADE

SUPPLEMENTARY MATERIAL 1 Questionnaire survey conducted between March 2012 and October 2014 with riverine people from the vicinity of Anavilhanas National Park and protected areas in the Tapajós region of Brazil (Fig. 1), to elicit their traditional knowledge about the Amazonian manatee *Trichechus inunguis*.

1. Are you aware of the occurrence of the manatee in the region? (Yes) (No)
2. Have you seen the Amazonian manatee? (Yes) (No)
3. If you have seen manatees, were they dead or alive? (Dead) (Alive) (Dead/Alive). If dead, do you know the cause of death? (Stranding and entanglements in fishing nets) (Hit by boat) (Stranding) (Hunting) (Other, please specify) (Do not know)
4. Where did you see the manatee (which lake)? How many times? When (month/year)?
5. What time of year are manatees most sighted? (Receding water) (Drought) (Rising water) (Flood) (Do not know)
6. Do manatees move in groups? (Yes) (No) (Do not know). If yes, how many manatees are normally sighted together at the same time? (2) (3) (4) ()
7. When was the last time you heard of a manatee being hunted? (This year) (Last year) (More than 2 years ago) (More than 10 years) (Do not know) (Exact date _____)
8. In the case of hunting, which form is predominant? (Subsistence) (Trade)
9. What was harvested from the animal? (Meat) (Skin) (Oil) (Other _____)
10. What was done with the oil that was extracted?
11. What was done with the skin?
12. Which hunting instrument is used most frequently? (Harpoon) (Nets) (Other _____) (Do not know)
13. Which time of year are the manatees most hunted? (Receding water) (Drought) (Rising water) (Flood) (Do not know)
14. Which sex is most hunted? (Male) (Female) (Both). If male or female, what is the reason?
15. Does the manatee migrate? (Yes) (No) (Do not know). Explain this.
16. If so, at what time of year does the migration occur? (Receding water) (Drought) (Rising water) (Flood) (Do not know)
17. According to the time of year, where do the manatees go? (*Várzea*) (*Terra firme* lakes) (Others _____)
18. When are the manatee pups born? (Receding water) (Drought) (Rising water) (Flood) (Do not know)
19. Generally, how many calves are observed with an adult female manatee?
20. Have you seen manatees' 'comedia'? (Yes) (No) (Do not know). If so, where? Which plant?
21. Do you know which plants the manatee feeds on? (Yes) (No)
22. If so, can you name the plants?
23. Can you identify the plants you mentioned on the photograph board?
24. Are there any other plants on which the manatee feeds that are not present on the photograph board? (Yes) (No). If so, which ones?

25. On which parts of each plant does the manatee feed? (All) (Leaf) (Stem) (Root) (Mud) (Flower) (Fruit) (Seed)
26. Have you ever seen or heard of cases where manatees died as a result of eating a toxic plant? (Yes) (No) Which plant?
27. Have you ever seen manatee faeces? (Yes) (No). If so, where?
28. Can you indicate a location that you think is ideal for seeing manatees? (Yes) (No). If so, where?
29. Do you know anyone who may have manatee bones? (Yes) (No). If so, who is this person? Where can we find them?