

## Appendix S1

### *Interviews validations process*

Annually two or three meetings were realized in the study area for capacitation of the local monitors, evaluations of the monitoring process, information validations and presentation of preliminaries results. However, due the extent of study area and difficult access to some communities during the dry season, we were not to able to check all questionnaires recorded with the monitors. Therefore, some questionnaires did not have all the full information that were in the structured questionnaires and was necessary a validation process for all recorded questionnaires.

For interviews validation process for this work, was applied a first filter on the name of community, hunting activity date with start hour and end hour, number of hunters and name of animal killed. If one of these data was absent, the interview was discarded. Second, if in the interview more the one hunter was informed, it was compared with another more similar interview (e.g. in the same community and date) to avoid recount. If the recount was observed, the more recent interview was kept, and the other or more were discarded.

### *Taxonomy validations process.*

For example, the two species *Pauxi tuberosa* and *Crax faciolata* are known locality as “mutun-fava” and “mutun-pinima”, respectively. However, many records were only mentioned as “mutun”, the same was to *Mazama americana* and *M. nemorivaga*, known as “veado-mateiro” and “veado-fuboca”, respectively, but mentioned many times only as “veado”. Therefore, the follows classifications were made. Large cracids comprise two species: *P. tuberosa* or *C. faciolata*. *Mazama* spp. comprise two species *M. americana* or *M. nemorivaga*. *Dasytus* spp. can comprise three species: *D. beniensis*, *D. novemcinctus*

or *D. septemcinctus*. *Tinamus* spp. can comprise three species: *T. tao*, *T. guttatus* or *T. major*. *Chelonoidis* spp. comprise two species: *C. carborana* or *C. denticulada*. *Penelope* spp. comprise two species: *P. pileata* or *P. superciliaris*. Felidae comprise two species: *Panthera onca* or *Puma concolor*. Anatidae comprise many of duck species, and Psittacidae comprise many species of macaws and parrots.