Table S3. The locations where data were collected for each species.

| Common Name | Latin Name | Test Location |
| --- | --- | --- |
| Asian elephant | *Elephas maximus* | Golden Triangle Asian Elephant Foundation, Thailand |
| aye aye | *Daubentonia madagascariensis* | Duke Lemur Center, United States |
| black lemur | *Eulemur macaco* | Duke Lemur Center, United States |
| bonobo | *Pan paniscus* | Wolfgang Köhler Primate Research Center, Germany |
| brown lemur | *Eulemur fulvus* | Duke Lemur Center, United States |
| capuchin monkey | *Cebus apella* | ISTC-CNR Primate Centre, Italy |
| capuchin monkey | *Cebus apella* | Yale University |
| chimpanzee | *Pan troglodytes* | Wolfgang Köhler Primate Research Center, Germany |
| chimpanzee | *Pan troglodytes* | North Carolina Zoo, United States |
| Coquerel's sifaka | *Propithecus coquereli* | Duke Lemur Center, United States |
| coyote | *Canis latrans* | USDA National Wildlife Research Center, United States |
| domestic dog | *Canis familiaris* | Duke Canine Cognition Center, United States |
| domestic dog | *Canis familiaris* | Max Planck Institute for Evolutionary Anthropology, Germany |
| Eurasian jay | *Garrulus glandarius* | University of Cambridge, United Kingdom |
| fox squirrel | *Sciurus niger* | University of California, Berkeley, United States |
| golden monkey | *Rhinopithecus roxellana* | Beijing Wildlife Park, China |
| golden-headed lion tamarin | *Leontopithecus chrysomelas* | Universidade Federal da Paraiba, Brazil |
| gorilla | *Gorilla gorilla* | Wolfgang Köhler Primate Research Center, Germany |
| gorilla | *Gorilla gorilla* | National Zoo, United States |
| gray wolf | *Canis lupus* | Wolf Science Center, Austria |
| hamadryas baboon | *Papio hamadryas* | North Carolina Zoo, United States |
| long-tailed macaque | *Macaca fascicularis* | University of Utrecht, Netherlands |
| marmoset | *Callithrix jacchus* | University of Zurich, Switzerland |
| Mongolian gerbil | *Meriones unguiculatus* | University of California, Berkeley, United States |
| mongoose lemur | *Eulemur mongoz* | Duke Lemur Center, United States |
| olive baboon | *Papio anubis* | Seneca Park Zoo, United States |
| orange-winged amazon | *Amazona amazonica* | University of St Andrews, Scotland |
| orangutan | *Pongo pygmaeus* | Wolfgang Köhler Primate Research Center, Germany |
| orangutan | *Pongo pygmaeus* | National Zoo, United States |
| pigeon | *Columba livia* | University of Kentucky, United States |
| red-bellied lemur | *Eulemur rubriventer* | Duke Lemur Center, United States |
| rhesus macaque | *Macaca mulatta* | Duke University, United States |
| ring-tailed lemur | *Lemur catta* | Duke Lemur Center, United States |
| ruffed lemur | *Varecia variegata* | Duke Lemur Center, United States |
| song sparrow | *Melospiza melodia* | Duke University, United States |
| spider monkey | *Ateles geoffroyi* | Centenario Zoo, Mexico |
| squirrel monkey | *Saimiri sciureus* | Kyoto University, Japan |
| squirrel monkey | *Saimiri sciureus* | University of St Andrews, Scotland |
| stump-tailed macaque | *Macaca arctoides* | Beijing Wildlife Park, China |
| swamp sparrow | *Melospiza georgiana* | Duke University, United States |
| western scrub jay | *Aphelocoma californica* | University of Cambridge, United Kingdom |
| zebra Finch | *Taeniopygia guttata* | Duke University, United States |