**Name: Ryan Ristine**

**Primate Observation: Classification Chart**

Fill out for each primate species observed. All answers should describe the *most common* condition *in the wild,* notin captivity. Note that you will need to visit one of the websites recommended on Canvas to obtain some of this information. Each blank is worth 1 point unless otherwise noted. Be sure to attach your ticket stub from the zoo, if applicable. This assignment is scored out of 40 points and is worth 15% of your course grade.

Common Name: Black and White Ruffed Lemur

Scientific Name (*Genus species*): Varecia variegata variegata

Taxonomy:

Suborder (1/2 pt.): Strepsirrhini Family (1/2 pt.): Lemuridae

Sexual dimorphism? Describe:

Diet: herbivores, fruits, seeds, leaves, nectar

Arboreal or terrestrial? Arboreal but somewhat both

Nocturnal or diurnal? diurnal

Mode of locomotion (*highlight* one):

Quadrupedalism/ Suspension/ Vertical Clinging and Leaping/ Bipedality

Social system (*highlight* one):

Solitary/ Monogamy/ One-male Polygyny/ Multi-Male Polygyny/ Polyandry

Where in the world, and in what types of habitats, is this species found in the wild?

Madagascar

Are they endangered? Yes

**Primate Observation: Focal Animal Technique**

Start time (1/2 pt.): 10:20AM End time (1/2 pt.): 10:40AM

Describe weather conditions: Sunny, clear sky

Describe population in the enclosure (number of adults/ juveniles, number of males/females, etc.): All adult females (4)

Describe focal animal (adult/juvenile, male/female, role in social system, etc.):

Adult, Female, Not the Alpha

In the following table, place a checkmark in the appropriate box for *all* behaviors that an animal exhibits during the one-minute interval. Then, follow the instructions below. (3 pts.)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Behavior | One-minute Intervals | | | | | | | | | | | | | | | | | | | |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Sitting | x | x |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Standing |  | x | x |  |  |  |  |  |  | x | x |  |  |  |  | x |  |  |  |  |
| Sleeping |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Resting |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Traveling | x |  |  |  |  | x |  |  |  | x | x |  |  |  | x | x |  |  | x | x |
| Eating |  | x | x | x | x |  | x | x | x | x | x | x | x | x | x | x | x | x |  |  |
| Drinking | x |  |  |  |  | x |  |  |  | x |  |  |  |  | x |  |  |  | x |  |
| Scratching |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  | x |  |  |
| Vocalizing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x |
| Grooming |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x | x |
| Aggression |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Submission |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  | x |
| Playing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  | x | x |
| Copulation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eliminating |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other (describe) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\*\*\*After the 20 minutes/allotted video are complete, choose one behavior exhibited by your focal animal that interested you, and write 3-4 sentences describing it in greater detail *on the next page.*\*\*\* (2 pts.)

It interested me that as my focal animal became more active she began to groom another lemur. This helps illustrate to that my lemur was a submissive one, lower in the social hierarchy. This trend of submission continued as the lemur I was following was shooed away from food at one point by one of the others.