

S2 Table: List of data points and possible answers collected from each venue during the assessment visits. These data points in conjunction with direct observations and photographic records were with the score sheet to estimate a welfare score for each venue.

Category	Values
Visitor numbers	<50; 50-200; 201-500; >500
Visitor number source	Venue staff; 1 hour monitoring; Personal estimate
Education	No education; Basic; Comprehensive
Education content	Species information; Conservation; Animal welfare; Cultural use; Other
Venue established	> 5 years; ≤ 5 years; Unknown
Communicated animal welfare awareness	Strong; Moderate; Slight; None
Veterinary healthcare	Vet on site; Contracted external vet; By owner; No treatments; Unknown
Observed behavioural problems	Ratio of animals at one venue displaying behavioural anomalies: > 75% of animals; 50-75% of animals; 25-49% of animals; < 25% of animals; No animals
Types of behavioural problems	Pacing; Weaving; Self-mutilation; Inactive; Hair-plucking; Aggression; Teeth-grinding Licking; Other
Observed health problems	Ratio of animals at one venue displaying health problems: >75% of animals; 50-75% of animals; 25-49% of animals; <25% of animals; No animals
Types of health problems	Underweight; Overweight; Skin problem; Wound; Nail cracks; Toe abscesses; Limping; CNS; Other
Enclosure/cage size	1-10sqm; 10-50sqm; 50-200sqm; 200-2;000sqm; 2;000-10;000sqm; >10;000sqm
Shelter type	No shelter; Single tree; Natural dense canopy; Mesh net roof; Fixed roof
Shelter floor quality	Concrete; Mesh wire; Natural ground
Environment quality	Urban/Town; Rural; Field; Forest
Social interaction of animals	None; Visual/Audio; Tactile + Visual/Audio; Kept in social group
Feed type (Elephants)	Pineapple fruit; Pineapple leaves; Banana fruit; Banana leaves/stem; Bamboo; Cucumber; Corn; Grass/Hay; Sugarcane; Processed food; Other 1.; Other 2.; Unknown
Feed amount (Elephants)	<75kg per 1000kg BDW; 75-100kg per 1000kg BDW; Ad libitum; Unknown
Drinking Water	Only sporadic; Regularly supplied; Free access
Washing (Elephants)	No bath/showers; Water hose shower; Supervised bath; Free bath at multiple times
Ownership (Elephants)	Venue owned; Mahout owned; Rented; Unknown
If venue owned - how acquired	Monetary purchase; Alternative livelihood exchange; Rescue/Confiscation/Donation; Unknown
Entertainment	Trekking/Rides; Show; Washing/Bathing; Feeding; Be-a-Mahout; Petting; Photo-opportunities; Cub feeding; Clear policy against use of animals in entertainment
# of animals used for entertainment	Number (#) of animals used for: Show; Photo opportunities; Cub feeding; Petting/Posing; Riding; Be-a-Mahout
Shows per day	1; 2-3; >3
Trekking	Uncoated saddle rope; Insufficient cushioning; > 3 people riding; Through natural habitat; Through village/town/park; ONLY without saddle
Working hours	>8 hours; 6-8 hours; <6 hours; no working hours