

### **Appendix 3.**

Resources of importance to elephants, identified by focus group participants

Physical environment	Browse	
	Enrichment	
	Facilities for bulls	
	Feeding opportunities	
	Live trees	
	Mixed exhibit	Primates
		Antelopes
		Birds
	Movement or exercise opportunities	
	Mud wallow	
	Opportunities for scratching or rubbing	
	Substrate	Sand
		Bark
		Woodchip
		Concrete
	Terrain	
	Training or management facilities	Protected contact walls
Ability to isolate for veterinary treatment		
Visual barriers		
Water features		
Woodland		
Social environment	Compatibility	
	Group composition	Ages
		Sexes
	Group dynamics	Dominance hierarchy
		Strong matriarch
	Group size	
	Management of bulls	Bachelor herds
Access to family group		
Relatedness		
Choice and environmental complexity	24 hour access to resources	
	Choice	
	Humidity	
	Light	
	Enclosure size	
	Temperature	