

## List of plant species and items consumed by Ringtailed Lemurs in Berenty

Plant family	Species	Food items
ACANTHACEAE	<i>Ruellia anaticollis</i> R. Ben. <i>Thunbergia convolvulifolia</i> (R. Ben.) Bak.	yl, ml ml
AGAVACEAE	<i>Agave angustifolia</i> Haw. * <i>Agave sisalana</i> Perrine ex Engelm. * <i>Sansevieria</i> sp.	stem, flb stem, flb F
AIZOACEAE	<i>Mollugo</i> sp. unidentified	ml l
AMARANTHACEAE	<i>Achyranthes aspera</i> L. <i>Aerva javanica</i> Jussieu	flb, l, stem ml
ANACARDIACEAE	<i>Mangifera indica</i> L. * <i>Operculicarya cf. decaryi</i> H. Perr. * <i>Sclerocarya birrea</i> (Sond.) H. Perr. *	F f fl, flb, yl, ml, F
ANNONACEAE	<i>Annona</i> sp. *	F
ASCLEPIADACEAE	<i>Gonocrypta grevei</i> Baill. <i>Pentopetia androsaemifolia</i> Decne. <i>cf. Secamone uncinata</i> Choux	ml l, ml, stem l
ASTERACEAE	<i>Senecio</i> sp. <i>Tridax procumbens</i> L.	ml ml
BIGNONIACEAE	<i>Fernandoa madagascariensis</i> (Bak.) Gentry * <i>Tecoma stans</i> Griseb. *	flb flb
BORAGINACEAE	<i>Cordia caffra</i> Sond. <i>Cordia sinensis</i> Lam. * <i>Ehretia</i> sp.	yl, ml, fl, flb, F, f yl, ml, fl, flb, F, f yl, l, F
BURSERACEAE	<i>Commiphora</i> sp.	yl
CACTACEAE	<i>Cereus</i> sp. * <i>Opuntia vulgaris</i> Mill. *	flb, fl, F stem, F, sap
CARICACEAE	<i>Carica papaya</i> L. *	F
CAPPARACEAE	<i>Capparis sepiaria</i> L. <i>Crateva cf. excelsa</i> Bojer <i>Maerua filiformis</i> Drake	ml, yl, flb, fl, F, f F, f, fl, flb, yl, p yl, ml, fl, stem
CASUARINACEAE	<i>Casuarina</i> sp. *	ml
CELASTRACEAE	<i>Maytenus</i> sp.	ml
COMBRETACEAE	<i>Combretum albiflorum</i> (Tul.) Jongkind <i>Combretum</i> sp.	ml, yl, fl F
COMMELINACEAE	<i>Commelina</i> sp.	ml
CONVOLVULACEAE	<i>Ipomoea cairica</i> (L.) Sweet <i>Metaporana parvifolia</i> (K. Afz.) Verdcourt	yl, ml yl
CRASSULACEAE	<i>Kalanchoe beharensis</i> Drake *	ml
CUCURBITACEAE	<i>Zehneria</i> sp.	l
DIDIEREACEAE	<i>Alluaudia dumosa</i> (Drake) Drake <i>Alluaudia procera</i> Drake * <i>Didierea trollii</i> Capuron & Rauh *	fl yl, ml, fl yl, fl
EUPHORBIACEAE	<i>Acalypha</i> sp. <i>Antidesma madagascariense</i> Lam. <i>Chamaesyce aff. hirta</i> (L.) Millsp. <i>Croton</i> sp.	l F, f, ml yl, ml, fl ml

	<i>Euphorbia tirucalli</i> L.	fl
	<i>Pedilanthus tithymaloides</i> Den. *	yl
	<i>Phyllanthus casticum</i> Willem.	yl, fl, f
	<i>Phyllanthus</i> sp.	fl, flb, F, f, ml, yl
FABACEAE		
CAESALPINIOIDEAE	<i>Caesalpinia pulcherima</i> (L.) Sw. *	ml, fl
	<i>Delonix regia</i> (Bojer ex Hook.) Raf. *	ml
	<i>Senna siamea</i> (Lam.) Irwin *	fl, flb
	<i>Senna spectabilis</i> (DC.) Irwin & Barneby *	fl
	<i>Senna</i> sp.	l
	<i>Tamarindus indica</i> L.	f, F, ml, yl, fl, flb, w, stem, sap
MIMOSOIDEAE	<i>Acacia royumae</i> Oliv.	yl, ml, fl
	<i>Albizia polyphylla</i> E. Fourn.	l, ml
	cf. <i>Entada</i> sp.	ml
	<i>Leucaena leucocephala</i> (Lmk.) De Wit *	sd, yl, ml, fl, f
	<i>Pithecellobium dulce</i> (Roxb.) Benth. *	yl, F, f, sd, fl
PAPILIONOIDEAE	<i>Crotalaria</i> sp.	yl
FLACOURTIACEAE	<i>Flacourtia ramontchi</i> L'Hér.	F
	<i>Physena sessiliflora</i> Tul.	yl, ml
HERNANDIACEAE	<i>Gyrocarpus americanus</i> Jacq.	yl
HIPPOCRATEACEAE	<i>Loeseneriella</i> sp.1	ml
	<i>Loeseneriella</i> sp.2	yl
HYDNORACEAE	<i>Hydnora esculenta</i> Jum. & Perr.	(F)
ICACINACEAE	<i>Apodytes dimidiata</i> E. Mey.	F, ml
LILIACEAE	<i>Aloe vahombe</i> Dec. *	yl, ml
	<i>Aloe</i> cf. <i>capitata</i> Bak. *	ml
LOGANIACEAE	<i>Strychnos madagascariensis</i> Poiret	F
LYTHRACEAE	<i>Lawsonia inermis</i> L.	F, ml
MALPIGHIACEAE	<i>Microsteia</i> sp.	ml
MALVACEAE	<i>Abutilon pseudocleistogonum</i> Hochr.	ml
	<i>Hibiscus</i> sp. *	flb, ml
	<i>Sida rhombifolia</i> L.	ml
MELIACEAE	<i>Azadirachta indica</i> Jussieu *	yl, ml, F, fl
	<i>Melia azedarach</i> L. *	yl, ml, flb, F
	<i>Quivisianthe papinae</i> Baill.	ml, fl, F
MENISPERMACEAE	<i>Cissampelos pareira</i> L.	yl
	<i>Cissampelos</i> sp.	l
	<i>Rhaptonea</i> cf. <i>swinglei</i> Kundu & Guha	yl
MORACEAE	<i>Ficus</i> cf. <i>grevei</i> Baill.	F
	<i>Ficus</i> cf. <i>pachyclada</i> Bak.	F
	<i>Ficus</i> cf. <i>polita</i> Vahl	F
	<i>Ficus sycomorus</i> L.	l, F
MUSACEAE	<i>Musa</i> sp.*	F
MYRTACEAE	<i>Eucalyptus</i> sp.*	fl, flb
NYCTAGINACEAE	<i>Boerhavia diffusa</i> L.	yl, ml
	<i>Bougainvillea spectabilis</i> Willd. *	yl, ml, fl
	<i>Commicarpus commersonii</i> Cav.	yl, ml
OLEACEAE	<i>Noronhia seyrigii</i> Perr.	f, F
POACEAE	<i>Panicum maximum</i> Jacq.	ml, yl
	Unidentified 1	ml
	Unidentified 2	ml
	Unidentified 3	ml
POLYGONACEAE	<i>Polygonum</i> sp.	ml
RHAMNACEAE	<i>Ziziphus jujuba</i> Mill.	l

RUBIACEAE	<i>Enterospermum</i> sp.	F
	<i>Enterospermum</i> sp.	F, fl, flb, ml, yl
	<i>Enterospermum pruinatum</i>	
	<i>Paederia grandidieri</i> Drake	ml
RUTACEAE	<i>Tricalysia</i> sp.	yl, ml, p, fl
	<i>Cedrelopsis grevei</i> Baill.	yl
SALVADORACEAE	<i>Azima tetracantha</i> Lam.	F, f, flb, fl, yl, ml, stem
	<i>Salvadora angustifolia</i> Turill	yl, ml, stem
SAPINDACEAE	<i>Cardiospermum halicacabum</i> L.	l
	<i>Neotina isoneura</i> (Radlk.) Capuron	F, f, yl, ml
TILIACEAE	<i>Grewia saligna</i> Baill.	f, fl, flb
	<i>Grewia calvata</i> Baker	
ULMACEAE	<i>Celtis bifida</i> J.-F. Leroy	f, F, fl, flb, yl, ml
	<i>Celtis philippensis</i> Blanco	F, f, flb, fl, ml
VERBENACEAE	<i>Lantana camara</i> L. *	F, f
VIOLACEAE	<i>Rinorea greveana</i> H. Bn	f, F, flb, fl, ml

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The list includes a few plant species that are typically found in the dry spiny forest but which are eaten by lemur groups foraging in both gallery forest and edge or open areas. The asterisk (\*) indicates either ornamental and introduced species or naturalized species. Food items are defined as ripe fruit pulp and seed (F), unripe fruit (f), mature leaf (ml), young leaf and leaf bud (yl), leaf of unknown maturity (l), petiole (p), tip of stem (stem), flower (fl), floral bud (flb), ripe seed (Sd), unripe seed (sd), wood (w), and exudate (sap). Items that are probably eaten are figured in brackets.