Appendix III(i). Table 6B. Genetic distance matrix for 12s rRNA fragment sequence data for Lepilemur *species. The numbers represent the following* Lepilemur *species: [1]* Lepilemur ankaranensis*; [2]* Lepilemur milanoii*; [3]* Lepilemur tymerlachsoni*; [4]* Lepilemur septentrionalis*; [5]* Lepilemur dorsalis*; [6]* Lepilemur sahamalazensis*; [7]* Lepilemur petteri*; [8]* Lepilemur leucopus*; [9]* Lepilemur ruficaudatus*; [10]* Lepilemur hubbardorum*; [11]* Lepilemur randrianasoli*; [12]* Lepilemur edwardsi *[13]* Lepilemur *grewcockorum; [14]* Lepilemur ahmansonorum*; [15]* Lepilemur aeeclis*; [16]* Lepilemur mustelinus; [17] Lepilemur jamesorum; [18] Lepilemur betsileo; [19] Lepilemur fleuretae*; [20]* Lepilemur microdon*; [21]* Lepilemur wrightae*; [22]* Lepilemur seali*; [23]* Lepilemur species nova #1*;* and [24] Lepilemur *species* nova *#2. Genetic distance based on absolute differences is displayed above the diagonal, and genetic distance based as a percentage is displayed below the diagonal.*

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1		15	20	38	25	25	44	42	48	50	53	29	34	30
2	1.8±0.4		17	37	24	24	47	46	50	52	53	36	39	26
3	2.4±0.6	2.1±0.5		37	19	21	48	46	50	52	55	36	41	26
4	4.6±0.7	4.6±0.7	4.5±0.7		33	37	44	42	49	47	48	34	38	40
5	3.0±0.6	3.0±0.6	2.3±0.5	4.0±0.7		16	45	45	51	51	53	36	41	21
6	3.0±0.6	3.0±0.6	2.5±0.6	4.5±0.7	1.9±0.5		51	49	50	52	55	36	41	13
7	5.5±0.8	5.9±0.9	6.0±0.9	5.4±0.8	5.6±0.8	6.4±0.9		4	40	37	41	39	47	56
8	5.3±0.8	5.7±0.8	5.9±0.8	5.3±0.8	5.7±0.8	6.2±0.8	0.7±0.3		36	35	37	37	45	55
9	6.0±0.9	6.3±0.9	6.3±0.9	6.2±0.8	6.4±0.9	6.3±0.9	5.1±0.8	4.7±0.7		8	32	39	45	57
10	6.2±0.9	6.5±0.9	6.4±0.9	5.8±0.8	6.3±0.8	6.4±0.9	4.6±0.8	4.4±0.7	1.1±0.3		34	36	41	59
11	6.5±0.9	6.6±0.9	6.8±0.9	5.9±0.8	6.5±0.9	6.8±0.9	5.1±0.8	4.7±0.7	4.0±0.7	4.1±0.7		49	48	63
12	3.9±0.7	4.8±0.7	4.8±0.7	4.4±0.7	4.8±0.7	4.8±0.7	5.2±0.8	5.1±0.7	5.2±0.8	4.7±0.7	5.7±0.8		4	45
13	4.1±0.7	4.8±0.8	5.0±0.8	4.6±0.7	5.0±0.8	5.0±0.7	5.9±0.8	5.7±0.8	5.6±0.8	5.0±0.7	5.9±0.8	0.8±0.3		48
14	3.7±0.7	3.3±0.7	3.2±0.6	5.0±0.7	2.6±0.5	1.6±0.4	7.1±0.9	7.2±0.9	7.3±1.0	7.4±0.9	7.8±1.0	6.0±0.8	6.0±0.8	
15	5.6±0.8	5.5±0.8	5.7±0.9	5.2±0.8	5.4±0.8	5.7±0.9	4.5±0.7	4.1±0.7	3.1±0.6	3.2±0.6	2.3±0.5	4.7±0.7	5.1±0.7	7.0±0.9
16	7.5±1.0	7.9±1.0	7.6±0.9	7.3±0.9	7.4±0.9	7.9±1.0	7.7±0.9	7.7±0.9	8.8±1.0	8.7±1.0	9.0±1.0	7.7±0.9	8.2±1.0	8.5±1.0
17	8.0±1.0	8.4±1.1	8.1±1.0	7.7±0.9	7.9±1.0	8.4±1.0	8.3±1.0	8.4±1.0	9.4±1.1	9.3±1.1	9.6±1.1	8.2±1.0	8.6±1.0	9.0±1.0
18	7.7±1.0	8.1±1.0	7.8±1.0	7.4±0.9	7.5±0.9	8.1±1.0	8.0±1.0	8.1±1.0	8.9±1.1	8.7±1.1	8.7±1.0	7.9±1.0	8.3±1.0	8.7±1.0
19	7.9±1.0	8.0±1.0	8.0±1.0	7.9±1.0	7.7±1.0	8.3±1.0	7.7±1.0	7.7±1.0	8.5±1.0	8.7±1.0	8.8±1.1	8.1±1.0	8.5±1.0	8.9±1.0
20	4.5±0.8	5.0±0.8	4.7±0.8	4.6±0.7	4.4±0.7	4.7±0.7	5.3±0.8	5.1±0.8	5.7±0.8	5.0±0.7	5.8±0.8	2.7±0.5	2.9±0.5	5.8±0.8
21	7.3±0.9	7.3±0.9	7.0±0.9	7.2±0.9	6.4±0.9	7.0±0.9	7.7±1.0	7.8±1.0	7.9±1.0	7.5±0.9	8.0±1.0	7.2±0.9	7.5±0.9	7.5±0.9
22	7.4±0.9	7.4±1.0	7.7±1.0	7.7±0.9	7.7±0.9	8.2±1.0	8.0±1.0	8.1±1.0	8.9±1.1	8.5±1.0	8.1±1.0	7.7±1.0	8.2±1.0	8.6±1.0
23	7.3±0.9	7.5±0.9	7.8±1.0	7.4±0.9	7.5±0.9	8.0±1.0	7.9±1.0	7.9±1.0	8.7±1.1	8.6±1.0	8.1±1.0	7.3±0.9	7.5±0.9	8.4±1.0
24	7.6±1.0	7.6±1.0	7.9±1.0	7.5±0.9	7.6±1.0	8.2±1.0	8.0±1.0	8.0±1.0	8.5±1.0	8.7±1.1	7.9±1.0	7.4±1.0	7.7±1.0	8.2±1.0

Table 6B. (cont.)

	15	16	17	18	19	20	21	22	23	24
1	46	63	63	61	63	38	58	59	59	61
2	45	65	65	63	64	41	57	58	60	61
3	47	63	64	62	64	39	56	61	62	63
4	43	61	61	59	63	38	60	62	59	60
5	45	62	62	60	62	37	51	61	60	61
6	47	66	66	64	66	39	59	65	64	65
7	37	65	65	63	63	45	62	64	64	65
8	33	63	64	62	63	41	61	62	64	65
9	26	72	73	69	70	46	63	69	71	67
10	28	72	73	69	69	42	62	68	68	69
11	20	74	75	69	70	48	64	64	65	63
12	36	62	62	60	67	20	55	59	61	57
13	42	68	68	66	68	24	60	65	60	62
14	56	70	70	68	71	48	60	67	67	65
15		64	66	62	62	44	57	61	58	59
16	7.6±1.0		11	9	20	62	29	42	42	41
17	8.4±1.0	1.0±0.3		8	19	59	29	40	41	40
18	7.8±1.0	0.7±0.2	1.1±0.3		12	59	25	38	36	38
19	7.7±1.0	1.5±0.4	1.9±0.5	1.4±0.4		61	28	41	37	38
20	5.2±0.8	7.3±0.9	7.4±1.0	7.3±1.0	7.5±1.0		53	59	62	65
21	7.1±1.0	3.1±0.6	3.6±0.6	3.1±0.6	3.1±0.6	6.6±0.9		37	39	37
22	7.7±1.0	4.8±0.7	5.1±0.8	4.8±0.8	4.9±0.8	7.3±1.0	4.6±0.7		17	18
23	7.2±0.9	4.2±0.7	4.6±0.7	4.3±0.7	4.5±0.7	7.7±1.0	4.5±0.7	2.1±0.5		15
24	7.4±1.0	4.6±0.7	5.0±0.7	4.7±0.7	4.6±0.7	8.1±1.0	4.6±0.7	2.2±0.5	1.8±0.51	