

Table S1. Sample sizes for captions of Figures 3 and 4.

Figure 3 Peak Forces	A						B					
	Climbing Propulsive		Walking Propulsive		Walking Braking		Climbing Push		Climbing Pull		Walking Push	
	FL	HL	FL	HL	FL	HL	FL	HL	FL	HL	FL	HL
<i>L. tardigradus</i>	27	33	5	7	5	7	16	17	10	18	5	7
<i>C. medius</i>	46	56	7	6	7	6	14	47	33	12	7	6
<i>N. pygmaeus</i>	50	50	14	8	14	8	28	47	33	8	14	8
<i>S. sciureus</i>	12	18	51	27	51	27	7	14	7	6	51	27
<i>A. nancymae/nyanze</i>	16	16	12	16	12	16	4	16	13	3	17	19
<i>D. madagascariensis</i>	61	74	11	7	11	7	11	68	59	9	19	13
<i>M. fascicularis</i>	8	28	46	28	46	28	2	28	7	2	46	28

Figure 4 Impulse Forces	A						B						C			
	Climbing Propulsive		Walking Propulsive		Walking Braking		Climbing Push		Climbing Pull		Walking Push		Climbing Net Push/Pull		Walking Net Propulsive/Braking	
	FL	HL	FL	HL	FL	HL	FL	HL	FL	HL	FL	HL	FL	HL	FL	HL
<i>L. tardigradus</i>	4	11	3	6	3	7	2	5	2	6	3	7	4	11	3	7
<i>C. medius</i>	32	40	1	1	2	1	10	32	22	9	2	1	32	39	2	1
<i>N. pygmaeus</i>	27	23	11	7	11	7	15	21	18	6	11	7	27	23	11	7
<i>S. sciureus</i>	10	17	51	27	51	27	5	13	6	6	51	27	10	17	51	27
<i>A. nancymae/nyanze</i>	13	12	12	16	12	16	3	12	12	1	12	16	13	12	12	16
<i>D. madagascariensis</i>	51	62	11	7	11	7	6	56	47	8	11	7	51	62	11	7
<i>M. fascicularis</i>	6	23	46	28	46	28	0	23	6	1	46	28	6	23	46	28