

Appendix 4. Measurements of the propodi of modern and fossil *Glypturus*.

taxon		major total length	major fixed finger 1 (tip fixed finger to articulation point dactylus)	Major fixed finger 2 (notch at base fixed finger to tip fixed finger, used for this research)	major max height	minor total length	minor fixed 1 (articulation point)	Major Fixed 2 (notch)	minor max height	Location	Sex
<i>Glypturus</i>	NHMW/UF										
acanthochirus	NHMW25261	13.2	5.6	5.2	7.4	8.3	4.3	3.5	4.1	Aruba	?
acanthochirus	NHMW19624	21.3	10.5	8.4	13.8	0	0	0	0	Belize	?
acanthochirus	NHMW19627	25.3	12.6	10.3	16.7	0	0	0	0	Belize	?
acanthochirus	NHMW15341	0	0	0	0	16.4	9.4	7.7	9	Belize	female
acanthochirus	NHMW6770	21.4	10.5	8.7	14.3	0	0	0	0	Belize	female
acanthochirus	NHMW15340	30.7	14.4	12.6	18.4	18.7	11.2	8.9	9.3	Belize	male
acanthochirus	NHMW19626	25	11.1	10.4	16.7	0	0	0	0	Belize	?
acanthochirus	NHMW15338	34.5	15.4	13.4	20	20.4	12.2	9.4	11.1	Belize	male
acanthochirus	NHMW24968	23.4	10.6	10	14.5	15	8.7	7.2	8.4	Belize	?
acanthochirus	NHMW6769	32.7	15.8	12.2	20	19.3	11.6	9.2	10.6	Belize	?
acanthochirus	NHMW6765	0	0	0	0	17.5	10.5	8.4	9.1	Belize	?
acanthochirus	NHMW19625	15	7.3	6	9.5	0	0	0	0	Belize	?
acanthochirus	NHMW24967	35	15	14.4	20.7	20.3	12.5	9.8	10.6	Belize	?
acanthochirus	NHMW6768	27.4	14.7	12.2	15.7	17.5	10.6	8.3	9.1	Belize	?
acanthochirus	NHMW25266	11.2	5	4.5	6.8	7.5	4	3.5	3	Venezuela	?
acanthochirus	NHMW6766	25	11.6	10	15.7	16.4	10	7.4	8.8	Belize	?
acanthochirus	NHMW15342	26.4	13.3	11.2	16.5	17.4	10.4	8.8	9.1	Belize	female
acanthochirus	NHMW6767	0	0	0	0	16.3	9.2	7.5	8	Belize	female
acanthochirus	UF32479	22.8	8.4	7.7	14.8	13.7	7.4	6.1	7.1	-	-
acanthochirus	UF32113	15.4	6.8	6.2	10	10.2	5.6	4.9	5	-	-
acanthochirus	UF32483	18.3	9	7.5	11.5	11.2	6.4	5.6	6.1	-	-
acanthochirus	UF32050	6.3	2.86	2.64	3.5	4.8	2.34	2.09	2.09	-	-
acanthochirus	UF32131	7.1	3.3	2.96	4.1	5.3	2.65	2.39	2.33	-	-
armatus	NHMW21941	19.3	10	8.1	10.5	14	8.3	6.7	5.1	?	female
armatus	NHMW23822	16.2	8	7.4	9.2	11.5	6.2	5.5	4.2	?	male
armatus	UF29708	14.7	6.3	5.9	8.8	9.2	5	4.5	3.6	-	-

armatus	UF15484	17.7	7.3	6.4	11.2	11.2	5.8	5.07	4.72	-	-
laurae	NHMW24923	0	0	0	0	18.9	11.3	9.4	8.8	Aqaba	?
laurae	NHMW21939	0	0	0	0	16.5	9.1	7.6	7.3	Aqaba	?
laurae	NHMW6973	25	13.1	10.3	11.3	16.6	10	8	8.1	Aqaba	female

taxon <i>Glypturus</i>	UF	Propodus total length	Propodus fixed finger 1 (tip fixed finger to articulation point dactylus)	Propodus fixed finger 2 (notch at base fixed finger to tip fixed finger, used for this research)	Propodus max height
sikesi, Florida	DSC09335 UF 235159	23.6	9.1	8.3	12.6
sikesi, Florida	DSC09337 UF 235164	22.2		7.2	12.6
sikesi, Florida	DSC09345 UF 235156	16.9	7.5	6.4	9.1
sikesi, Florida	DSC09354 UF 235154	26.9	10.9	10.1	13.8
sikesi, Florida	DSC09356 UF 235152	24.9	10.3	9	13.4
sikesi, Florida	DSC09358 UF 235153	15.7	6.5	6	9.8
sikesi, Florida	DSC09377 UF 235357	18.6		7.1	10.6
sikesi, Florida	DSC09381 UF 235359	18.9		6.7	10.9
sikesi, Florida	DSC09385 UF 235358	18.3		6.2	10.8
sikesi, Florida	DSC09406 UF 235412	25.7	9.6	8.5	13.9
sikesi, Florida	DSC09417 UF 235425	20.1		7	11.5
sikesi, Florida	DSC09443 UF 235423	16.1	7	5.9	9.6
sikesi, Florida	DSC09449 UF 235401	10.5	4.3	3.7	6.3
sikesi, Florida	DSC09457 UF 232630	21.6	8.3	7.4	11.4
sikesi, Florida	DSC09467 UF 232662	13		5.2	7
sikesi, Florida	DSC09447 UF 235399	14.8	6.1	5	8.3

sikesi, Florida	DSC09493 UF 251654	13.1	5.8	5	8.1
sikesi, Florida	DSC09389 UF 235367	15.5		5.8	9.5
sikesi, Florida	DSC00721 UF 248048	15.1	6.7	5.7	8.5
sikesi, Florida	DSC00723 UF 248047	13	6.3	5.4	7.1
sikesi, Florida	DSC00724 UF 248049	13.6	6.3	5.4	7.2
sikesi, Florida	DSC00725 UF 248046	10.2	4.6	3.9	5.7
