

Measurements of a male specimen from near Cape York.	In inches and decimals.	In thousandths of total length.
Total length from tip of rostrum to middle of posterior edge of telson, Measurements on middle line:—		2·14
Rostrum,	·15	70
Carapace,	·51	238
Carapace, including rostrum,	·66	308
From posterior edge of carapace to posterior edge of third thoracic somite,	·14	65
From posterior edge of third to posterior edge of fourth thoracic somite,	·10	47
From posterior edge of fourth to posterior edge of fifth thoracic somite,	·10	47
First abdominal somite,	·12	56
Second abdominal somite,	·16	75
Third abdominal somite,	·16	75
Fourth abdominal somite,	·16	75
Fifth abdominal somite,	·20	93
Sixth abdominal somite,	·16	75
Telson on middle line,	·18	84
Total length of hind body,	1·48	692
Total length on middle line,	2·14	1000
Total length of telson,	·31	145
Width of rostrum,	·16	75
Width of carapace between antero-lateral angles,	·26	122
Width of carapace (greatest),	·33	155
Width of third thoracic somite,	·38	179
Width of fourth thoracic somite,	·38	179
Width of fifth thoracic somite,	·38	179
Width of first abdominal somite,	·38	179
Width of second abdominal somite,	·38	179
Width of third abdominal somite,	·38	179
Width of fourth abdominal somite,	·38	179
Width of fifth abdominal somite,	·38	179
Width of sixth abdominal somite, between postero-lateral spines,	·33	155
Width of telson between submedian spines,	·10	47
Width of telson between intermediate spines,	·26	122
Width of telson (greatest),	·34	160
Length of paddle of exopodite of uropod, on dorsal surface,	·13	61
Width of second joint of exopodite of uropod, on dorsal surface,	·22	103

distinguished from *Gonodactylus chiragra* by the presence of five instead of three carinæ on the median protuberance of the telson, and by the presence of acute spines on the posterior ends of three of them, by the possession of six instead of four spines on the posterior border, and by the presence of a tooth on the inner edge of the outer spine of the ventral prolongation of the uropod. It is more difficult to distinguish it from *Gonodactylus glabrous*, which it resembles very closely. The many minute differences will be pointed out in the description of this species.