

The species may be readily distinguished by the following features. The rostrum of *Squilla lata* is twice as long as wide, and it gradually tapers to the narrow rounded tip, while it is trigonal in *Squilla fasciata*, hardly longer than wide, with a broad tip. The lateral edges of the third and fourth thoracic somites are obliquely truncated in *Squilla lata*, and rounded in *Squilla fasciata*. The paddle of the exopodite of the sixth abdominal appendage of *Squilla lata* is as long, and that of *Squilla fasciata* half as long, as the second joint. The dorsal surface of the telson of *Squilla lata* is obscurely marked by curved lines, and the submedian posterior spines are curved at the tip and broad at the base, with no intermediate dentations; while the dorsal surface in *Squilla fasciata* is marked by longitudinal carinæ, and the submedian spines are acute with intermediate dentations.

In addition to these more conspicuous points, the following minute differences serve to show the distinctness of the two forms:—

The antennæ are longer than in *Squilla lata*; the carapace is nearly transverse in front and deeply notched behind, while in *Squilla lata* it is subacute in front and nearly transverse behind. All the carinæ of the abdominal somites, except the inner pair on the first, end in spines in *Squilla fasciata*, while in *Squilla lata* only those on the sixth somite end in spines, and there is no dorsal spine on the basal joint of the sixth abdominal appendage, while there is an acute spine in *Squilla fasciata*.

The following measurements in thousandths of the total length also exhibit the difference between the two.

	<i>Squilla chlorida.</i>	<i>Squilla lata.</i>	<i>Squilla fasciata.</i>
Length of rostrum,	24	47	42
Length of carapace,	196	205	231
Length of hind body,	781	749	726
Width of third thoracic somite,	168	166	161
Width of fifth abdominal somite,	264	251	278
Length of first antenna, measured from tip of rostrum,	288	287	401
Length of flagellum of second antenna,	232	239	227
Length of scale of second antenna,	96	112	170

Squilla chlorida, n. sp. (Pl. II. figs. 1–5).

? *Clorida decorata*, Wood-Mason, J. Proc. Asiatic Soc., Bengal, Dec. 1875. On some new species of Stomatopoda Crustacea, Ann. and Mag. Nat. Hist., ser. 4, vol. xvii., 1876, p. 263.

? *Chloriella decorata*, Miers, E. J., On the Squillidæ, Ann. and Mag. Nat. Hist., ser. 5, vol. v. p. 15, 1880.

Diagnosis.—Eyes directed forward, with basal portion swollen, and a little wider than corneal portion. Appendages of thoracic limbs strap-shaped. Five teeth on