

hirtipes, Dana, *Cardiosoma urvillei*, Milne Edwards, is widely distributed throughout the Oriental region; another, *Cardiosoma armatum*, Herklots, occurs on the West Coast of Africa and at the Cape Verde Islands; a third, *Cardiosoma guanhumi*, Latreille = *Cardiosoma diurnum*, Gill (*fide* Smith), and *Cardiosoma quadratum*, Saussure (*fide* von Martens), is common at the West Indies and Florida Keys, and occurs also in Brazil and at the Cape Verde Islands (Stimpson); a fourth, *Cardiosoma cressum*, Smith (= *Cardiosoma latimanus*, Lockington?), inhabits the West Coast of America and Lower California; and a fifth, *Cardiosoma* (?) *barbiger* (Poeppig) referred to by Milne Edwards as *Cardiosoma barbatus*, occurs in Chili.

Cardiosoma guanhumi, Latreille.

Cardiosoma guanhumi (Latreille), Milne Edwards, Hist. Nat. Crust., vol. ii. p. 24, 1837; Atlas in Règne Animal de Cuvier, ed. 3, pl. xx. fig. 1; Ann. d. Sci. Nat., ser. 3, Zool. xx. p. 204, 1853.

Cardiosoma guanhumi, S. J. Smith, Trans. Connect. Acad., vol. ii. p. 143, pl. v. fig. 3, 1870, where references to synonyma.

Bermuda, April 1873 (two adult males).

The largest example has the following dimensions:—

Adult ♂.	Lines.	Millims.
Length of carapace, about	46	98
Breadth of carapace,	56½	120

Cardiosoma armatum, Herklots.

Cardiosoma armatum, Herklots, Addit. Faun. Carcin. Africae occidentalis, p. 7, pl. i. figs. 4, 5, 1851.

„ „ Milne Edwards, Ann. d. Sci. Nat., ser. 3, Zool. xx. p. 205, 1853.

„ „ de Man, Notes Leyden Mus., ii. No. 5, p. 32, 1879.

Cape Verde Islands, Porto Praya, St. Jago (an adult female).

Adult ♀.	Lines.	Millims.
Length of carapace,	32½	69
Breadth of carapace,	40½	86

This species is always distinguishable from the Oriental *Cardiosoma carnifex* by the more strongly spinuliferous merus and granulated palm of the chelipedes.¹

Cardiosoma carnifex (Herbst).

Cancer carnifex, Herbst, Naturgesch. der Krabben u. Krebse, vol. ii. p. 163, pl. xli. fig. 1 ♂, 1794.

Cardiosoma carnifex (Latreille), Milne Edwards, Hist. Nat. Crust., vol. ii. p. 23, 1837; Ann. d. Sci. Nat., ser. 3, Zool. xx. p. 204, 1853.

„ „ A. Milne Edwards, Nouv. Archiv. Mus. Hist. Nat., vol. ix. p. 264, 1873.

„ „ de Man, Notes Leyden Mus., ii. No. 5, p. 31, 1880.

Specimens were in the Challenger collection from the following localities:—

Tracey Island, Nares Harbour, Admiralty Islands (three adult males and an adult

¹ Cf. Hilgendorf, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 801, 1878.