

1. *Halobates wüllerstorffi*, Frauent. (Pl. I. fig. 1).

*Halobates wüllerstorffi*, Frauentfeld, Verhandl. der. k. k. zool. bot. Gesellschaft in Wien, Band xvii. p. 458, Taf. xii. figs. 1, 2, 6, 8, and 10, 1867.

Oval, widest behind the middle. Whitish ash grey, paler on the sides and below. Back of the head with two very indistinct reddish spots. First two joints of the antennæ (indistinctly), coxæ, trochanters, and femora, and in a less degree the tibiæ more or less shining steely blue. Second joint of antennæ nearly one-fourth shorter than the fourth, and about one-fourth longer than the third. Front tarsus with first joint rather shorter than the second. Middle tarsus first joint more than three and a half times the length of the second.

♂. Length 4·25, breadth 2·3, middle femur 5, hind femur 3·25 mm.

♀. Length 3·5, breadth 2·5, middle femur 4, hind femur 2·5 mm.

*Habitat*.—The most widely diffused of all the species, but most common in the North Atlantic, between the tropic of Cancer and the equator. Less common in the North Atlantic, north of the tropics; in the South Atlantic, within the tropics; in the Indian Ocean; in the North-West Pacific, at about lat. 10° N., and in the South Pacific at about the tropic. There are no records of its occurrence in the Eastern Pacific.

In the Atlantic specimens have been taken between about lat. 43° N. and 20° S. In the Pacific between about lat. 10° N. and 25° S. In the Pacific specimens have not been taken east of long. 175° E.

The following are the localities of the specimens seen by me:—

*Challenger Specimens.*

North Atlantic, localities:—Station 98, Aug. 14, 1873, lat. 9° 21' N., long. 18° 28' W.; between Teneriffe and St. Thomas, West Indies, February and March 1873; about lat. 18° N., long. 28° W., April 28, 1876; Station 62, June 18, 1873, lat. 35° 7' N., long. 52° 32' W.

South Atlantic:—Off Rio de Janeiro, June 18, 1873.

North Pacific:—North of the Admiralty Islands, March 1875 (about lat. 12° N., long. 142° E.).

*Specimens from other Sources.*

North Atlantic localities:—Cape Finisterre (*Oxford Museum*); lat. 10° N. (*Stockholm Museum*); lat. 9° 20' N.—5° N., long. 26° 30' W.—26° 50' W. (*Liverpool Museum*); Sargasso Sea (*Liverpool Museum*); lat. 5° N., long. 25° W. (*Liverpool Museum*); lat. 2° 30' N., long. 28° 30' W., January 31, 1865 (*Liverpool Museum*); Atlantic near equator (*Stockholm Museum*).

South Atlantic localities:—Near St. Helena (*Berlin Museum*); South Atlantic (*Liverpool Museum*).