bably occurs all the year round. The larva resembles the adult, with the exception of the differences to be noted in the description of the metamorphoses.

## 7. Halobates germanus, n. sp. (Pl. I. fig. 6).

Long oval (3) or shortly ovate ( $\mathfrak{P}$ ), widest behind the middle. Dark ashy grey paler on the sides (3), or silvery ashy grey ( $\mathfrak{P}$ ). Head with an obscure transverse rufous yellow mark on each side at the hind margin. Antennæ and legs fuscous black above, dark fuscous brown below, clothed sparsely with grey pubescence. Base of antennæ narrowly rufous ochreous. Front legs with coxæ, trochanters more especially on inner side, and base of femora below; middle legs with a spot on the acetabula below (broader and more distinct in the female) trochanters, and base of femora below; hind legs with trochanters and base of femora, more or less indistinctly fuscous ochreous brown. Abdomen with hind margins of ventral segments fuscous ochreous. Genital segments: first below on disk and posteriorly, second above, and apex of third above, fuscous brown; second below, especially at apex of horns, and most of third below, fuscous rufous brown. Antennæ: third joint shorter and fourth joint longer than the second. Front tarsus: first joint rather more than half the length of second. Middle tarsus: first joint about five times as long as second.

- 3. Length 3.5, breadth 2, middle femur 4, hind femur (?) mm.
- 2. Length 3, breadth 2.25, middle femur 4, hind femur 3 mm.

Habitat.—North Pacific Ocean and Celebes Sea (Challenger); China Sea (Giglioli).

3. Long oval, widest behind the middle. Dark ashy grey, paler on the sides. Antennæ and legs fuscous black above, dark fuscous brown below, more or less sparsely clothed with grey pubescence. Rostrum with the apical three-fourths shining black. Eyes dark brown. Antennæ at the extreme base rufous ochreous. Head with an ill-defined transverse rufous yellow mark on each side near the hind margin. Front legs with the coxæ, trochanters (more especially on the inner side) and base of femora; middle legs with a blotch on under side of acetabula, trochanters, and femora at base below; hind legs with trochanters and base of femora, more or less indistinctly fuscous ochreous brown. Abdomen with the hind margins of the ventral segments fuscous ochreous. Genital segments with the second above and apex of the third above, as well as the disk and hinder part of the first below, fuscous brown; the second below, especially at the tips of the horns, and the third below, especially towards the base, fuscous rufous brown.

Head with hind margin slightly elevated on each side of the middle, the elevation neither reaching the middle nor the eyes. Antennæ (Pl. I. fig. 6, a.) more than half