



Figs. 18-25. Male genitalia of *Orthotylus kurilensis* (18-21) and *O. fuscipennis* (22-25). – 18, 22, genital segment with parameres in left dorsolateral view; 19, 23, left paramere; 20, 24, right paramere; 21, 25, vesica. Scales: 0.2 mm.

talta (figs. 18-21): Genital segment with two pointed processes above base of left paramere (fig. 18); hypophysis of left paramere slender and tapered apically (fig. 19); right paramere 3-branched apically, each branch provided with pointed teeth (fig. 20); vesical sclerite I developed basally; sclerite II with a median slender branch; sclerite III toothed and 2-branched (fig. 21). Female genitalia (fig. 35): K-structure squared, weakly divided into two apical lobes.

Dimensions. – ♂/♀: Body length 5.23-6.00/5.18-5.91; head width including eyes 0.92-0.94/0.91-0.96; vertex width 0.31-0.36/0.40-0.44; rostral length 1.44-1.49/1.51-1.61; mesal pronotal length 0.74-0.84/0.76-0.89; basal pronotal width 1.39-1.44/1.46-1.56; width across hemelytra 1.70-1.92/1.68-1.92.

Distribution. – Japan* (Hokkaido, Honshu), Kuril Isls. (Urup Is.).

Material examined. – Hokkaido: 2♂, 1♀, Tokachi-Mitsumata, Kamishihoro T., Tokachi, 22.vii.1984, M. Tomo-

kuni (NSMT). – Honshu: 1♂, Hakuho Valley, Minamikoma-gun, Yamanashi Pref., light trap, 20.viii.1987, S. Nomura (HUES); 1♂, Ozegahara, Gunma Pref., 28-31.viii.1978, M. Sato (NSMT); 1♂, same locality, 20-24.viii.1979, M. Sato (NSMT); 1♂, 1♀, Yamanohana, Ozegahara, Gunma Pref., 20.viii.1979, M. Owada (NSMT).

Orthotylus (Orthotylus) fuscipennis sp. n.
(figs. 22-25, 36)

Type material. – Holotype ♂, Utsumata, Maki Vil., Higashi-kubiki, Niigata Pref., Honshu, Japan, 5.vii. 1997, S. Sakurai (HUES). – Paratypes: 2♂, 1♀, same data as for holotype (HUES).

Diagnosis. – Recognized by the small, slender and widely darkened body, and relatively shagreened dorsum. This new species resembles *O. pallens*, from which it is easily distinguished by the even smaller body. Judging from the similarity of the male genital structure, *fuscipennis* is a close relative of *kurilensis*.