

A NEW PULEX FROM QUEEN CHARLOTTE ISLANDS.

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Pulex Keeni, n. sp.

Belonging to Division II., group two of the genus as given in my Preliminary Studies. Nearest *sciurorum*.

Head without combs of spines, in the female normal, highest at the occiput, gradually sloping forward, then rapidly curved in front, anterior edge of face nearly perpendicular, but rounded; head in male flat above or slightly concave, strongly rounded in front, the anterior edge of the face slightly receding. Bristles on head few, these being on both sides of the antennal groove and on the occiput. Antennal groove open, bristles on joint 2 short. Mandibles equalling or slightly exceeding the fore coxæ. Pronotal comb of twenty-two spines. Bristles on dorsal abdominal segments in two rows, the second of six to ten rather short bristles, on the ventral segments in single rows of usually six bristles. First three or four dorsal segments furnished on discs with two to six very short stout teeth. Leg spines rather weak except on the fore coxæ and all the tibiæ. Apical spines on joint 2 of hind tarsi much shorter than joint 3; two of the apical spines of middle tibiæ longer than first joint of tarsi. In fore tarsi joint 1 equals 2 and three-fourths of 5, 3 a little shorter than 5, and 4 little more than half of 5. In the middle tarsi joint 5 equals three-fourths of 2, 3 is one-half of 1 and nearly equals 5, and 5 is twice 4. In the hind tarsi joint 2 is two-thirds of 1, 1 is two and a half times 3, 2 equals 3 and 4 together, while 4 is one-half of 3, which is somewhat longer than 5. In the male the upper claspers are long, narrow, pedunculate, sides nearly parallel, anterior margin slightly angulated, apex rectangular and furnished at tip behind with a long, stout bristle, and on posterior edge with two short, stout, blunt black spines; the lower or posterior claspers differ widely from those of *sciurorum* in being short and suddenly broadened towards the tip. Colour light brown. Length: male, 2.5; female, 3 mm.

Described from several specimens taken on *Sitomys Keeni*, at Masset, Queen Charlotte Islands, in August of 1895, by Rev. J. H. Keen, to whom the species is dedicated. I am indebted to Dr. James Fletcher for the opportunity of examining this very interesting and well-marked form.