

- JJ. Head comb of 5 spines; upper spines of head comb of same length as lowest; pronotal comb of 14 spines on either side; male claspers long, edges nearly parallel, slightly broadening towards tips, obliquely cut off at ends; colour, light brown; length of male, 2 mm.; of female, 2.5 mm. . . . *fraterna*, n. sp.
- K. Vertex strongly produced, rounded, face retreating; head with numerous short, very strong, spine-like bristles, all pointing downward and backward; antennae with numerous bristles on the third joint, arising from the lower third and exceeding the joint, bristles on joint 2 very short; mandibles exceeding the anterior trochanters; pronotal comb of 16 spines; leg spines weak except on the tibiae and anterior coxae; on the anterior coxae they resemble those on the head; hind femora without a row of bristles on the side; in middle tarsi joint 2 equals 5; in hind tarsi joint 1 is longer than 2, 3 and 4 together, while 5 is a half longer than 3; abdominal segments each with one dorsal and one ventral row of bristles, each row with 4 or 5 bristles, those in the ventral rows very strong; claspers of male long, linear, edges parallel, rectangular at the end; colour, reddish-brown; length of male, 1.5 mm.; of female, 2.5 mm. . . *alpina*, n. sp.
- KK. Vertex evenly rounded from occiput to mouth, slightly flattened above in male; head with very few weak bristles; bristles on joint 2 of antennae longer than third joint, which is without bristles; mandibles attaining three-fourths of anterior coxae; pronotal comb of 18 to 22 spines; leg spines strong on tibiae and hind tarsi; hind femora with a row of bristles on the side; in middle tarsi joint 2 is longer than 5; in hind tarsi joint 1 is about as long as 2 and 3 together, while 5 is shorter than 3; abdominal segments each with two dorsal and two ventral rows of numerous bristles, the second dorsal row with 12 to 14 bristles, the ventral rows with nearly as many, ventral bristles not stronger than dorsal; male claspers long, linear, edges not parallel, end somewhat obliquely cut off, rounded; colour, brown; length of male, 2.25 mm.; of female, 3-3.25 mm., *americana*, n. sp.

Typhlopsylla unipectinata, Tschb.

1880. Taschenberg, Die Flohe, p. 91.

Typhlopsylla octactenus, Kol.

1856. Kolenati, Parasit. d. Chiróp., p. 31 (*Ceratopsyllus octactenus*).