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REPORT ON A COLLECTION OF JAPANESE CRANE-FLIES (TIPULIDÆ), WITH A KEY TO THE SPECIES OF PTYCHOPTERA.

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An extensive collection of Japanese crane-flies, taken by Dr. S. I. Kuwana and assistant entomologists in the vicinity of Nishigahara, Tokio, Japan, during the season of 1912, was forwarded to me for examination. The material, alcoholic, is contained in 62 vials, very carefully prepared and with complete data. I express my sincere thanks to Dr. Kuwana and his assistants for this fine representation of Japanese Tipulidæ and Ptychopteridæ.

Family Ptychopteridæ
Genus Ptychoptera Meigen.

Key to the species of Ptychoptera.

1. Wings with a distinct brown cross-band along the cord 2
Wings hyaline or subhyaline without a distinct brown cross-band along the cord.
2. Radial sector more than twice as long as the radio-median cross-vein. (Europe) *contaminata* L.
Radial sector rarely longer than the radio-median cross-vein. . . 3
3. Posterior metatarsus conspicuously white.
(Europe) *albimana* Fabr.
Posterior metatarsus not white.
4. Pleuræ reddish yellow; a short brown cross-band near the middle of the radial cell. (East. U.S.) *rufocincta* O.S.
Pleuræ black; no brown cross-band near the middle of the radial cell 5
5. All coxæ yellow or reddish-yellow; scape of antennæ brownish-yellow or yellow. 6

* Contribution from the Entomological Laboratory of Cornell University.



Alexander, Charles P. 1923. "Undescribed species of Japanese crane-flies (Tipulidae, Diptera)." *The Canadian entomologist* 45,

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