

50. Vnukovskii, V. (Wnukowsky, W.) & Ermolajew, W. 1935. Beiträge zur Lepidopteren-Fauna des Gebietes der oberen Strömung des Flusses Obj (West-Sibirien). – *Folia zoologica et hydrobiologica* 7(2): 269-282.
51. Voskresenskij, N.M. 1959. [Materials on lepidopterofauna of the Kurganskaya oblast']. – In: S.U. Stroganov (ed.). *Voprosy ekologii zhivotnykh*. Novosibirsk: 219-230. (In Russian).
52. Voskresenskij, N. M. 1969. A general review of the fauna of Lepidoptera from the Kurgan district. – *Entomologicheskoe Obozrenie* 48(1): 138-147. (In Russian).
53. Zolotareno, G. S. 1959. [On a pest entomofauna from poplars in West Siberia]. – In: S.U. Stroganov (ed.). *Voprosy ekologii zhivotnykh*. Novosibirsk: 171-180. (In Russian).
54. Zolotareno, G.S. 1961. [Materials for studying of Heterocera of the coastal zone of the Novosibirsk storage]. – In: A.I. Tsherepanov (ed.). [Materials for studying of nature of the Novosibirsk storage]. SO AN SSSR Publ., Novosibirsk: 209-227. (In Russian).
55. Zolotareno, G.S. 1970. *Podgryzayushchie sovki Zapadnoi Sibiri (Lepidoptera, Agrotinae)* [Cutworms of West Siberia (Lepidoptera, Agrotinae)]. Novosibirsk, Nauka: 436 p. (In Russian).
56. Zolotareno, G.S. 1973. [On two species of the genus *Pyrrhia* Hb. (Noctuidae, Melicleptrinae)]. – In: B.S. Yudin (ed.). *Fauna Sibiri. Chast' II*. Nauka, Novosibirsk: 221-226. (In Russian).
57. Zolotareno, G.S. & Korshunov, Yu.P. 1963. [On a fauna and biotopic distribution of Lepidoptera in Middle Priob'e]. – *Trudy Tomskogo Gosudarstvennogo Universiteta* 152: 330-342. (In Russian).
58. Zolotareno, G.S. & Tumaikina, Z.S. 1978. [On some noctuids of the group *Quadrifinae* (Lepidoptera, Noctuidae) from forest-steppe Priob'e and the Kulunda steppe]. – In: G.S. Zolotareno (ed.). *Chlenistonogie Sibiri*. Nauka, Novosibirsk: 225-242. (In Russian).
59. Zolotareno, G.S. & Utkin, N.A. 1988. [On fauna and biology of Hypeninae (Lepidoptera, Noctuidae) in Southern Transsural Region]. – In: G.S. Zolotareno (ed.). *Landshaftnaya ekologiya nasekomykh*. Nauka, Novosibirsk: 80-84. (In Russian).

SHORT COMMUNICATION

J. Ch. Paik¹⁾ & S. Yu. Storozhenko²⁾. TO THE SYNONYMY OF *TETRIX SUBULATA* L. (ORTHOPTERA: TETRIGIDAE). - *Far Eastern Entomologist*. 2000. N 94: 23-24.

Ё.Ч. Пак, С.Ю. Стороженко. К синонимии *Tetrix subulata* L. (Orthoptera: Tetrigidae). - *Дальневосточный энтомолог*. 2000. N 94. С. 23-24.

During examination of Korean Orthoptera of the family Tetrigidae a new synonym is established: *Tetrix subulata* L. = *Formosatettix slivae* Kostia, **syn. n.**

***Tetrix subulata* (Linnaeus, 1761)**

Gryllus subulatus Linnaeus, 1761: 236 (holotype - ♀, Sweden).

Tetrix subulata: Storozhenko et al, 1994: 9, figs 12-22; Liang & Zheng, 1998: 149, fig. 101.

Formosatettix slivae Kostia, 1993: 423 (holotype - ♀, North Korea: Ryangang prov., Ohomulong, 1600 m, 7.VIII 1989), **syn. n.**; Kostia, 1995: 264, figs 15-24 (♂, Korea: North Pyongan prov., Myohyang-san Mts., Manpok Valley, 1100 m, 13.VIII 1992).

REMARK. *Formosatettix slivae* Kostia, 1993 was described from North Korea [1]. The female and male [1, 2] of *F. slivae* are quite different from other species of the genus *Formosatettix* Tinkham, 1937 [3, 4] by having of well developed wing pads and by smooth valvae of ovipositor, and similar in this aspects with the last instar larvae of the genus *Tetrix* Latreille, 1802. The description and figures of *F. slivae* well agrees with adult of *Tetrix subulata* [4, 5, 6] except slightly less size of body and its parts, and the shape of anterior pronotal margin. The adult of *Tetrix* species have the straight anterior margin of pronotum while the larvae have triangular one. Moreover, *T. subulata* inhabit high mountains (900-1400 m) in the south part of Russian Far East [7] and *F. slivae* are known from the same elevation (1100-1600 m). Undoubtedly that under the name *F. slivae* the last instar larvae of *T. subulata* was described.

DISTRIBUTION. North and Central Europe, Caucasus, Central Asia, Russia, North Mongolia, North China, North Korea, North America.

1. Kostia, D. 1993. A new species of the genus *Formosatettix* Tinkham, 1937 (Orthoptera, Tetrigidae) from North Korea. - *Acta Zool. Cracov.*, 35(3): 423-425.

2. Kostia, D. 1995. The Tetrigidae (Orthoptera) found in North Korea. - *Acta Zool. Cracov.*, 38(2): 257-265.

3. Storozhenko, S. & Ichikawa, A. 1993. Review of the genus *Formosatettix* Tinkham (Orthoptera: Tetrigidae) from Japan, Russian Far East and adjacent regions. - *AKITU*, 134: 1-12.

4. Liang, G. & Zeng, Zh. 1998. *Fauna Sinica. Insecta. Vol. 12. Orthoptera. Tetrigoidea.* Beijing, 278 pp.

5. Storozhenko, S.Yu., Ichikawa, A. & Uchida, M. 1994. Review of Orthoptera of the Eastern Palearctica: Genus *Tetrix* Latreille (Tetrigidae, Tetriginae). Part 1. - *New Entomol.*, 43(1-2): 6-19.

6. Linnaeus, C. 1761. *Fauna Suecica sistens animalia Sueciae: quadrupedia, aves, amphibia, pices, insecta, vermes distributa per classes, et ordines, genera et species, cum differentiis specierum, synonymis autorum, nominibus incolarum, locis habitationum, descriptionibus insectorum* (Ed. 2). Holmiae, L.Salvius: 578 pp.

7. Storozhenko, S.Yu. 1991. [Peculiarities of Orthoptera fauna of the South Sikhote-Alin Mts. high elevation.] - In: *Flora i fauna Primorskogo kraya i sopredel'nykh regionov.* Ussuriisk: 185-188. (In Russian)

Author's addresses:

1) Sunchon National University,
Sunchon, 540-742, Korea

2) Institute of Biology and Soil Sciences,
Vladivostok, 690022, Russia

© **Far Eastern entomologist (Far East. entomol.)**

Editor-in-Chief: S.Yu. Storozhenko

Editorial Board: A.S. Lelej, Yu.A. Tshistjakov, N.V. Kurzenko

Address: Institute of Biology and Soil Sciences, Far East Branch of Russian Academy of Sciences, 690022, Vladivostok-22, Russia.

FAX: (4232) 310 193

E-mail: entomol@online.marine.su