Published November 30, 2006

Klapalekiana, **42**: 335-336, 2006
ISSN 1210-6100

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 213

Heteroptera: Tingidae

Stephanitis* (*Stephanitis*) *pyri (Fabricius, 1775). Moravia mer. occ., Znojmo (7162), N 48°51′11″, E 16°02′45″, garden in the 'Na svahu' street, 30.ix.-3.xi.2002, numerous adults and larvae on two *Malus domestica* Borkh. trees with noticeable damage to their foliage, F. Nechvátal lgt. et det., P. Kment revid., coll. O. Vahala (1 specimen) et P. Kment (2 ♂♂). *Stephanitis pyri* is a widely distributed West-Palaearctic species recorded from Albania, Austria, ?Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Greece, Hungary, Italy, Kazakhstan (European part), Macedonia, Moldavia, Poland, Portugal, Romania, Russia (Central and South European Territory), Serbia, Slovakia, Slovenia, Spain, Switzerland, Turkey (European part), Ukraine; Algeria, Morocco; Azerbaijan, Georgia, ?Kazakhstan (Asian part), ?Turkey (Asian part), Cyprus, ?Israel, and ?Jordan (Péricart & Golub 1996, Chumakov et al. 1997, Protić 1998, Katbeh et al. 2000, Golub 2002, Baugnée et al. 2003, Kment et al. 2005, Kment & Jindra 2005). It lives on trees and shrubs of the family Rosaceae in a wide sense (*Malus*, *Pyrus*, *Cydonia*, *Armeniaca*, *Cerasus*, *Prunus*, *Rosa*, *Crataegus*, *Cotoneaster*, *Sorbus*, *Rubus*) but it was also found on other plants (e.g. *Castanea sativa* Mill.). It is known as a pest of fruit trees and chestnut in the Mediterranean region (Putshkov 1974, de Gregorio 1981, Péricart 1983, Önuçar & Ulu 1989). In the Czech Republic, all records of *S. pyri* came from Bohemia (Dalla Torre 1878; Duda 1884, 1885; Roubal 1967; Kment et al. 2005), the most recent ones being by Roubal (1967). The only mention of *S. pyri* from Moravia by Dubiel von LeRach (2003) seemed doubtful. Therefore, the species was considered extinct in the Czech Republic (Kment & Vilímová 2006). The recent record of the species from Moravia may be explained by oscillations of the northern limit of its distributional area in the recent warm years. This hypothesis is supported by the recent rediscovery of the species in Slovakia after more than 40 years (see Kment et al. 2005). First reliable record from Moravia, confirmed occurrence in the Czech Republic after ca 40 years.

ACKNOWLEDGEMENTS. This work was partly supported by grants of Ministry of Culture (MK 00002327201, to National Museum, Praha) and Ministry of Education (MSM 0021620828, to Charles University, Praha).

BAUGNÉE J.-Y., DETHIER M., BRUERS J., CHÉROT F. & VISKENS G. 2003: Liste des punaises de Belgique (Hemiptera Heteroptera). *Bulletin de la Société Royale Belge d'Entomologie*, 139: 41-60. – CHUMAKOV L. S., MEDVED' E. L. & GOLUB V. B. 1997: First record of Agramma ruficorne (Germ.) from Belarus with notes on erroneous records of some lacebugs from Belarus and Baltia (Heteroptera: Tingidae). *Zoosystematica Rossica*, 6: 94. – DALLA TORRE K. von 1878: Entomologische Notizen aus dem Egerlande. *Jahres-Bericht des Natur-Historischen Vereins „Lotos"*, 27(1877): 91-208. – DUBIEL von LeRACH J. 2003: *Entomologie III. Ostatní hmyz na Žulovsku*. [*Entomology III. Another insects in the environs of Žulová*]. J. Dubiel von LeRach, Jeseník, 102 pp. + 4 pls (in Czech). – DUDA L. 1884: Soustavný přehled českého hmyzu polokřídlého (Hemiptera-Heteroptera). [Systematic synopsis of the Czech hemipterous insects (Hemiptera-Heteroptera)], pp. 1-39. In: KLUMPAR J. (ed.): *Výroční zpráva Cís. Král. Vyššího Gymnasia v Hradci Králové*. Cís. Král. Vyšší Gymnasium v Hradci Králové, Hradec Králové (in Czech). – DUDA L. 1885: Beiträge zur Kenntniss der Hemipteren-Fauna Böhmens (6. Fortsetzung). *Wiener Entomologische Zeitung*, 4: 237-240. – GOLUB V. B. 2002: On the status, synonymy and distribution of Stephanitis oschanini Vasiliev with corrected data on the distribution of S. pyri (Heteroptera: Tingidae). *Zoosystematica Rossica*, 11: 154. – GREGORIO R. de 1981:

Stephanitis pyri (Horv.) [Heteroptera Tingidae]. Cycle biologique en foręt de Bouconne (région Toulousaine). *Bulletin de la Société Entomologique de France*, 86: 227-235. – KATBEH A., CARAPEZZA A. & AKKAWI M. 2000: Heteroptera of Jordan: Specimens preserved in the University of Jordan Insects Museum (Insecta). *Atti dell'Accademia Roveretana degli Agiati, Ser. VII*, 10B: 111-137. – KMENT P., BRYJA J., HRADIL K. & JINDRA Z. 2005: New and interesting records of true bugs (Heteroptera) from the Czech Republic and Slovakia III. *Klapalekiana*, 41: 157-213. – KMENT P. & JINDRA Z. 2005: New and interesting records of true bugs (Heteroptera) from Turkey, southeastern Europe, Near and Middle East. *Acta Entomologica Musei Nationalis Pragae*, 45: 3-16. – KMENT P. & VILÍMOVÁ J. 2006: Heteroptera (ploštice), pp. 139-146. In: FARKAČ J., KRÁL D. & ŠKORPÍK M. (eds): *Červený seznam ohrožených druhů České republiky. Bezobratlí. Red list of threatened species in the Czech Republic. Invertebrates*. Agentura ochrany přírody a krajiny ČR, Praha, 760 pp (in Czech and English). – ÖNUÇAR A. & ULU O. 1989: İzmir ili çevresindeki kestane yetiştirme alanlarında fauna tespiti ve meyvelerde kurtlanmaya neden olan zararlılar ile savaşım olanakları üzerinde araştılmalar. (Faunistic survey studies in chestnut plantations and estblishment of control measures against the infectious pest in nuts in İzmir). *Doga Turk Tarim ve Ormancilik Dergisi*, 13(3a): 637-643 (in Turkish, English summary). – PÉRICART J. 1983: *Faune de France et régions limitrophes. Vol. 69. Hémiptères Tingidae Euro-Méditerranéens*. Fédération Française des Sociétés de Sciences Naturelles, Paris, 618 pp. – PÉRICART J. & GOLUB V. B. 1996: Tingidae Laporte, 1832 – lacebugs, pp. 3-77. In: AUKEMA B. & RIEGER Ch. (eds.): *Catalogue of the Heteroptera of the Palaearctic Region. Vol. 2. Cimicomorpha I.* The Netherlands Entomological Society, Amsterdam, xiv + 361 pp. – PROTIĆ Lj. 1998: Catalogue of the Heteroptera fauna of Yugoslav countries. Part one. *Prirodnjački Muzej u Beogradu, Posebna Izdanja*, 38: 1-215. – PUTSHKOV V. G. 1974: *Beritidi, chervonoklopi, piezmatidi, pidkorniki i tingidi*. [*Berytidae, Pyrrhocoridae, Piesmatidae, Aradidae and Tingidae*]. *Fauna Ukrainy, Vol. 21(4)*. Naukova Dumka, Kiiv, 332 pp (in Ukrainian). – ROUBAL J. 1967: Fauna ploštic (Insecta: Heteroptera) severních Čech. (Die Heteropterenfauna Nordböhmens). *Sborník Severočeského Musea, Přírodní Vědy*, 3: 127-159 (in Czech, German summary).

Petr KMENT, Department of Entomology, National Museum, Kunratice 1,
CZ-148 00 Praha 4, Czech Republic & Department of Zoology, Faculty of Science,
Charles University, Viničná 7, CZ-128 44 Praha 2, Czech Republic; e-mail: sigara@post.cz
Otmar VAHALA, State Phytosanitary Administration, Regional Division Brno, Zaoralova 3,
CZ-628 00 Brno – Líšeň, Czech Republic; e-mail: otmar.vahala@srs.cz