Published August 26, 2019

Klapalekiana, **55**: 137–138, 2019
ISSN 1210-6100

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 469

Hymenoptera: Apoidea: Halictidae

Seladonia seladonia (Fabricius, 1794). Moravia centr., Olomouc – Holice (6469), 49°34′N, 17°17′E, 7.viii.2016, 1 ♀, A. Vládek & A. Přidal lgt., A. Přidal det. et coll.; Moravia mer., Brno – Červený kopec (6865), 49°10′51″N, 16°35′12″E, 27.v.2017, garden, 1 ♀, L. Říha lgt., M. Říha det. et coll.

Species distribution: China: Xinjiang, Inner Mongolia; Kyrgyzstan; Tajikistan; Uzbekistan; Afghanistan; Turkmenistan; Iran; Caucasus; Turkey; Israel; European Russia (south part, Altai); Hungary; Romania; Greece; former Yugoslavia; Austria; Slovakia; Switzerland; Italy; France; Spain; Portugal; N. Africa (Tunisia) (Niu et al. 2004, Astafurova et al. 2017). In Poland, the species is expected to occur in the south-eastern territory (Pesenko et al. 2000). In the Czech Republic, historical records are reported (Smetana el al. 2010) from Moravia (Kocourek 1989, Přidal 2004, Straka et al. 2007), and in South Moravia it is considered to be regionally extinct (Straka & Bogusch 2017). It was not even recorded during an entomological survey by Pádr (1995) of Pálava – among the warmest parts of Moravia – probably due to low species density, or missing out of sandy habitats (Ember 2003, Pachinger 2003, Zettel et al. 2004). It was collected only once in Olomouc in spite of observations over two whole seasons. The nearest reliable records come from western Slovakia (Lukáš & Okáli 1998, Smetana et al. 2010) and eastern Austria (Ember 2003, Pachinger 2000, Zettel et al. 2004). In the context of the current known distribution of the species, the record from Olomouc is one of the northernmost. Confirmed recent occurrence of the species in the Moravian part of the Czech Republic.

ACKNOWLEDGEMENTS. We thank Mr. and Mrs. Dušek (Olomouc, Czech Republic) for permission to observe the bees at experimental fields of Crop Research Institute in Olomouc.

ASTAFUROVA YU. V., PROSHCHALYKIN M. YU. & MAHARRAMOV M. M. 2017: Contribution to the knowledge of the Seladonia Robertson and Vestitohalictus Blüthgen Hymenoptera: Halictidae: Halictus Latreille) of European part of Russia. *Linzer Biologische Beiträge* **49**: 377–386.

EBMER A.W. 2003: Hymenopterologische Notizen aus Österreich - 16. (Insecta: Hymenoptera: Apoidea). *Linzer Biologische Beiträge* **35**: 313–403.

KOCOUREK M. 1989: Apoidea. Pp. 173–184. In: ŠEDIVÝ J. (ed.): Enumeratio Insectorum Bohemoslovakiae. Check list of Czechoslovak Insects III (Hymenoptera). *Acta Faunistica Entomologica Musei Nationalis Pragae* **19**: 1–194.

LUKÁŠ J. & OKÁLI I. 1998: Včely (Hymenoptera, Apoidea) národnej prírodnej rezervácie Devínska Kobyla a Sandberg (juhozápadné Slovensko). (Bees of the National Nature Reserve Devínska Kobyla and Sandberg (southwestern Slovakia). *Zborník Slovenského Národného Múzea, Prírodné Vedy* **44**: 8–32 (in Slovak with English abstract).

NIU Z. Q., WU Y. R. & HUANG D. W. 2004: A Taxonomic Study on the Subgenus Seladonia (Hymenoptera: Halictidae: Halictus) in China with a Description of a New Species. *Zoological Studies* **43**: 647–670.

PACHINGER B. 2003: Andrena cordialis Morawitz 1877 – eine neue Sandbiene für Österreich und weitere bemerkenswerte Vorkommen ausgewählter Wildbienen-Arten (Hymenoptera: Apidae) in Wien, Niederösterreich und Kärnten. *Linzer Biologische Beiträge* **35**: 927–934.

PŘIDAL A. 2004: Checklist of the bees in the Czech Republic and Slovakia with comments on their distribution and taxonomy (Insecta: Hymenoptera: Apoidea). *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis* **52**: 29–65.

PESENKO Y. A., BANASZAK J., RADCHENKO V. G. & CIERZNIAK T. 2000: *Bees of the family Halictidae (excluding Sphecodes) of Poland: taxonomy, ecology, bionomics*. Bydgoszcz Press, Bydgoszcz, 348 pp.

PÁDR Z. 1995: Hymenoptera: Apoidea. *Folia Facultatis Scientiarum Naturalium Universitatis Masarykianae Brunensis, Biologia* **93**: 339–348.

SMETANA V., ROLLER L., BENEŠ K., BOGUSCH P., DVOŘÁK L., HOLÝ K., KARAS Z., MACEK J., STRAKA J., ŠIMA P., TYRNER P., VEPŘEK D. & ZEMAN V. 2010: Blanokrídlovce (Hymenoptera) na vybraných lokalitách Borskej nížiny. (Hymenoptera of selected localities in the Borská nížina lowland). *Acta Musei Tekovensis Levice* **8**: 78–111 (in Slovak with English abstract).

STRAKA J. & BOGUSCH P. 2017: Anthophila (včely). Pp. 236–249. In: HEJDA R., FARKAČ J. & CHOBOT K. (eds): Červený seznam ohrožených druhů České republiky. Bezobratlí. Red List of threatened species of the Czech Republic. Invertebrates. *Příroda* (Praha) **36**: 1–612 (in Czech and English).

STRAKA J., BOGUSCH P. & PŘIDAL A. 2007: Apoidea: Apiformes (včely). Pp. 241–299. In: BOGUSCH P., STRAKA J. & KMENT P. (eds): Annotated checklist of the Aculeata (Hymenoptera) of the Czech Republic and Slovakia. Komentovaný seznam žahadlových blanokřídlých (Hymenoptera: Aculeata) České republiky a Slovenska. *Acta Entomologica Musei Nationalis Pragae,* **Supplementum 11**: 1–300 (in English and Czech).

ZETTEL H., SCHÖDEL S. & WIESBAUER H. 2004: Zur Kenntnis der Wildbienen (Hymenoptera: Apidae) in Wien, Niederösterreich und dem Burgenland (Österreich) – 1. *Beiträge zur Entomofaunistik* **5**: 99–124.

Martin ŘÍHA, Mendel University in Brno, Zemědělská 1, CZ-613 00 Brno, Czech Republic;
e-mail: marrih@seznam.cz

Aleš VLÁDEK, Mendel University in Brno, Zemědělská 1, CZ-613 00 Brno, Czech Republic;
e-mail: xvladek@node.mendelu.cz

Antonín PŘIDAL, Mendel University in Brno, Zemědělská 1, CZ-613 00 Brno, Czech Republic;
e-mail: apridal@mendelu.cz