**STN FILE ISSUE January 2018**

The StN files now being circulated incorporate the changes made since the last release of StN files (February 2017). This text has been prepared primarily to provide information on these changes. It also lists the StN files produced during 2017 and being circulated now. The StN Keys to Species volume is being re-issued, not because it contains new keys but because there were some errors identified by users, which have now been corrected.

A new StN volume, providing a set of maps showing, at departmental level, the distribution in France of the known French syrphid species, is at an advanced stage of preparation and publication is expected early in the spring of 2018.

Nomenclatural changes adopted in the database since the February 2017 release of StN files

January 2018 February 2017

*Eumerus alpinus* Rondani, 1857 *Eumerus olivaceus* *aucct.* , not Loew, 1848

*Eumerus hungaricus* Szilády, 1940 *Eumerus elaverensis* Séguy, 1961

Species for which an account is provided for the first time, in the StN Species Accounts 2017

*Cheilosia circassica* Ståhls & Barkalov, 2017

*Chrysotoxum antennalis* Vujić, Nedeljković & Hayat, in Vujić *et al*, 2017

*Chrysotoxum clausseni* Vujić, Nedeljković & Hayat, in Vujić *et al*, 2017

*Chrysotoxum persicum* Vujić, Nedeljković & Hayat, in Vujić *et al*, 2017

*Eumerus aurofinis* Grković, Vujić & Radenković, in Grković *et al,* 2016

*Eumerus crassus*Grković, Vujić & Radenković, in Grković *et al,* 2016

*Eumerus gibbosus* Van Steenis, Hauser & Van Zuijen, 2017

*Eumerus hungaricus* Szilády, 1940

*Eumerus montanum* Grković, Radenković & Vujić, in Grković *et al*, 2017

*Eumerus rubrum* Grković & Vujić, in Grković *et al*, 2017

*Eumerus torsicus*Grković & Vujić, in Grković *et al,* 2016

*Eumerus truncatus* Rondani, 1868

*Eumerus vestitus* Bezzi, 1912

*Merodon adriaticus* Veselić, Vujić & Radenković, 2017

*Merodon atratus*(Oldenberg), 1919

*Merodon balkanicus*Šašić, Ačanski & Vujić, in Šašić *et al,* 2016

*Merodon flavicornis* (Macquart), 1842

*Merodon megavidus* Vujić & Radenković, in Ačanski *et al,* 2016

*Merodon nisi* Veselić, Vujić & Radenković, 2017

*Merodon robustus* Veselić, Vujić & Radenković, 2017

*Merodon rufipes* Sack, 1913

*Merodon virgatus* Vujić & Radenković, in Šašić *et al,* 2016

Literature incorporated into the database since the last release of StN files, in February 2017

If you are aware of the existence of publications which apparently have not been incorporated into the StN files, but which might usefully be referenced in the database, please let us know (speightm@gmail.com). Information useful to the database is frequently published in journals not covered by search engines and so is easily missed.

Ačanski, J., Vujić, A., Djan, M., Vidaković, D. O., Ståhls, G. & Radenković, S. (2016) Defining species boundaries in the *Merodon avidus* complex (Diptera, Syrphidae) using integrative taxonomy, with the description of a new species. *European Journal of Taxonomy*, 237: 1 - 25.

Descaves, B. & Speight, M. C. D. (2017) *Platycheirus subambiguus* (Nielsen, 2004) en Lozère, nouvelle espèce pour la faune française des syrphes (Diptera : Syrphidae). *Bull. Soc. Linn. Bordeaux*, 152: 133 – 134.

Grković, A., Vujić, A., Chroni, A., van Steenis, J., Dan, M. & Radenković, S. (2017) Taxonomy and systematics of three species of the genus *Eumerus* Meigen, 1822 (Diptera: Syrphidae) new to southeastern Europe. *Zoologischer Anzeiger*, 270: 176-192.

Grković, A., Vujić, A., Radenković, S., Chroni, A. & Petanidou, T. (2016) Diversity of the genus *Eumerus* Meigen (Diptera, Syrphidae) on the eastern Mediterranean islands with description of three new species. *Annales de la Société entomologique de France*, 51: 361 – 373.

Kerppola, S. (2016) *Eristalis rossica* Stackelberg, 1958 – venäjänsurri Suomesta (Diptera, Syrphidae). *Sahlbergia*, 22: 15 – 17.

Ricarte, A., Souba-Dols, G. J., Hauser, M. & Marcos-Garcia, M.-A. (2017) A review of the early stages and host plants of the genera *Eumerus* and *Merodon* (Diptera: Syrphidae), with new data on four species. *Plos ONE* 12(12): e0189852.

Santolamazza, S., Cartea. M. E. & Sart, A. C. (2011) Depredatíon larvaria de *Xanthandrus comtus* (Harris, 1780) (Diptera, Syrphidae) sobre orugas de *Mamestra brassicae* (Linnaeus, 1758) (Lepidoptera, Noctuidae) en la provincia de Pontevedra (Galicia, España). *Boletín de la Sociedad Entomológica Aragonesa (S. E. A.),* no. 48 : 463 – 465.

Šašić, L. Ačanski, J., Vujić, A., Ståhls, G., Radenković, S., Milić, D., Vidaković, D. O. & Dan, M. (2016) Molecular and morphological inference of three cryptic species within the *Merodon aureus* species group (Diptera: Syrphidae). PLos ONE 11 (8): e0160001. doi: 10.1371/journal.pone.0160001.

Speight, M. C. D. & Goy, D. (2016) Sur la présence en France d*’Eristalinus megacephalus* (Rossi, 1794) (Diptera : Syrphidae). *Bull. Soc. Linn. Bordeaux*, 151 : 379 – 381.

Speight, M. C. D., Lebard, T. & Claussen, C. (2017 ) Sur la présence en France de *Cheilosia rhodiolae* Schmid, 2000 (Diptera : Syrphidae). *Bull. Soc. Linn. Bordeaux*, 152: 387 – 396.

Ståhls, G. & Barkalov, A. (2017) Taxonomic review of the Palaearctic species of the *Cheilosia* *caerulescens*-group (Diptera, Syrphidae). *ZooKeys*, 662: 137 – 171.

Szilády, Z. (1940) Über paläarktische Syrphiden, IV. *Annales Musei Nationalis Hungarici, Pars Zoologica*, 33: 54-70.

Treiber, R. & Doczkal, D. (2016) Schwebfliegen des Frankenthals in der Hoch-vogesen östlich des Hohneck und Vergleich von Erfassungsmethoden (Diptera: Syrphidae). *Carolinea*, 74: 23 – 51.

Van Doesburg, P. H. (1960) Redescription of *Eumerus hungaricus* Szilády. *Entomologische Berichten*, 20: 144-145.

Van Steenis, J., Hauser, M. & Van Zuijen, M. P. (2017) Review of the *Eumerus barbarus* species group (Diptera: Syrphidae) from the western Mediterranean basin. *Bonn Zoological Bulletin*, 66: 145 – 165.

Veselić, S., Vujić, A. & Radenković, S. (2017) Three new Eastern-Mediterranean endemic species of the *Merodon aureus* group (Diptera: Syrphidae). *Zootaxa*, 4254, 401 – 434.

Vujić, A., Nedeljković, Z., Hayat, R., Demirözer, O., Mengual, X. & Kazerani, F. (2017) New data on the genus *Chrysotoxum* Meigen (Diptera: Syrphidae) from North-East Turkey, Armenia, Ajerbaijan and Iran including descriptions of three new species. *Zoology in the Middle East*, 63: 250-268.

Wilkinson, G. & Rotheray, G. E. (2017) *Melanostoma scalare* (Meigen) larvae (Diptera, Syrphidae) feed on Diptera larvae in leaf litter. *Dipterists Digest*, 24: 53 – 60.

StN publications issued January, 2018

Speight, M.C.D. (2017) Species accounts of European Syrphidae (Diptera), 2017. *Syrph the Net, the database of European Syrphidae*, vol. 97, 294 pp., Syrph the Net publications, Dublin.

Speight, M. C. D. and de Courcy Williams, M. (2017) European Syrphid Genera: Portraits of representative species 2017/Portraits d’espèces représentatives de genres de Syrphidae Européens 2017. *Syrph the Net, the database of European Syrphidae (Diptera)*, Vol. 98, 84 pp, Syrph the Net publications, Dublin.

Speight, M. C. D. and Sarthou, J.-P. (2017) StN keys for the identification of the European species of various genera of Syrphidae 2017/Clés StN pour la détermination des espèces Européennes de plusieurs genres des Syrphidae 2017. *Syrph the Net, the database of European Syrphidae (Diptera)*, Vol. 99, 139 pp, Syrph the Net publications, Dublin.