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(as of 1st April 2019)

1. Network news

1.Regional Assessment Initiative

The Executive Committee and the Secretariat finalized the enquiry for the Regional Assessment Initiative (RAI). All the nominated REUFIS Focal Points received the enquiry in early January. The Secretariat expects to receive the filled out enquiries by 31st March 2019. Based on the positive feedbacks received so far, we are looking forward for the next steps of the RAI, which are the review, the extension and the analysis of the received data. According to the workplan, the report will be drafted in the early summer months and the outcome of the assessment will be presented on the next annual REUFIS meeting, which is preliminary scheduled for October 2019 and it's planned to be held in Georgia.

If you've any technical issues (e.g. how to fill out the enquiry) or other questions regarding the RAI, please feel free to contact the Secretariat: info@reufis.org



1.2 Trypodendron - Co-operations continues between Network Members

Ambrosia beetles (Curculionidae, Scolytinae) represent a major treat for woody plants both in forestry and horticulture. Due to their hidden development and symbiosis with ambrosia fungi many of them proved to be invasive. At the REUFIS meeting in Budapest several network members initiated a cooperation action on the



beetles in genus Trypodendron. In 2018 baited traps have been set up in several REUFIS countries (Croatia, Czech Republic, Denmark, Georgia, Greece, Hungary, Romania, Norway, Slovakia, Sweden, Turkey and Japan) and the trap catches have been sent to Torstein Kvamme (Norway) and Milos Knizek (Czech Republic) for species identification. Morphometric (Romania) and genetic (Hungary) investigations will validate the presence of the different Trypodendron species (*T. domesticum*, *T. leave*, *T. lineatum*, *T. signatum*) in the REUFIS countries and make a proposal for the monitoring and control of the beetles.

1.3 REUFIS Leaflets sent to members

The Secretariat sent to all REUFIS members leaflets about the network and its activities. We hope that all of you received these printed materials. If you didn't receive them or you would like to get more copies, please let us know and send us an e-mail to info@reufis.org. The leaflets are available in English and in Russian languages.



2. Recent and upcoming events related to forest invasive species

IUFRO Working Party 7.03.10

Working Party Meeting: "Recent Changes in Forest Insects and Pathogens Significance"

Suceava, Romania

16-20 September 2019

Link: <http://www.silvic.usv.ro/iufroromania2019/>

Joint ESENIAS and DIAS Scientific Conference and 9th ESENIAS Workshop 'Species, ecosystems and areas of conservation concern under threat from the invasive alien species'

Ohrid, Macedonia

03-06 September 2019

Link: http://esenias.org/index.php?option=com_content&task=view&id=488

Detection and control of forest invasive species in a dynamic world

Ljubljana, Slovenia

25-28 September 2019

Link: <http://ias-conference.si/register/>

Other conferences and workshops related to IAS and biodiversity you might be interested in:

Link: http://esenias.org/index.php?option=com_content&task=view&id=489

3. Recent publications of interest

Botu M. et al. (2018): Perspective chestnut elites obtained at UCV-SCDP Vâlcea.

Acta Horticulture 1220: 55-60.

<https://doi.org/10.17660/ActaHortic.2018.1220.8>

Chira D. et al. (2018): Testing chestnut hybrids for resistance to *Cryphonectria parasitica*.

Acta Horticulture 1220: 113-120.

<https://doi.org/10.17660/ActaHortic.2018.1220.17>

Eschen R. et al. (2018): Safeguarding global plant health: the rise of sentinels.

Journal of Pest Science

<https://doi.org/10.1007/s10340-018-1041-6>

Kirichenko N. et al. (2018): Invasive leaf miners on woody plants: a global review of pathways, impact and management.

Journal of Pest Science

<https://doi.org/10.1007/s10340-018-1009-6>

Lesieur V. et al. (2018): The rapid spread of *Leptoglossus occidentalis* in Europe: a bridgehead invasion.

Journal of Pest Science

<https://doi.org/10.1007/s10340-018-0993-x>

Liebholt A.M. et al. (2018): Plant diversity drives global patterns of insect invasions.

Scientific Reports 8: 12095

<http://doi.org/10.1038/s41598-018-30605-4>

Mitchell R. et al. (2018): Identifying the ecological and societal consequences of a decline in *Buxus* forest in Europe and the Caucasus.

Biological Invasions 20: 3605-3620.

<https://doi.org/10.1007/s10530-018-1799-8>

Pintilioaie A.-M. et al. (2018): New invasive bruchine species (Chrysomelidae: Bruchinae) in the fauna of Romania, with a review on their distribution and biology.

Annales de La Société Entomologique de France (N.S.): 1-9.

<https://doi.org/10.1080/00379271.2018.1506265>

Roy H.E. et al. (2018): Increasing understanding of alien species through citizen science (Alien-CSI).

Research Ideas and Outcomes 4: e31412

<https://doi.org/10.3897/rio.4.e31412>

Tomescu, R. et al. (2018): Invasion of the oak lace bug *Corythucha arcuata* (Say.) in Romania: a first extended reporting.

Ann. For. Res. 61(2): 161-170.

<https://doi.org/10.15287/afr.2018.1187>

EPPO Global DB. *Lecanosticta acicola* (SCIRAC) EPPO Reporting Service (2018/212) NPPO of Romania.

<https://gd.eppo.int/taxon/SCIRAC/distribution/RO>

Amexia O.M.C.C. et al. (2019): Factors influencing the introduction and spread of *Harmonia axyridis* in the Iberian Peninsula.

Biological Invasions 21: 323-331.

<https://link.springer.com/article/10.1007%2Fs10530-018-1841-x>

Brzezinski M. et al. (2019): Expansion and population dynamics of a non-native invasive species: the 40-year history of American mink colonization of Poland.

Biological Invasions 21: 531-545.

<https://link.springer.com/article/10.1007%2Fs10530-018-1844-7>

César de Sá N. et al. (2019): Can citizen science data guide the surveillance of invasive plants? A model-based test with *Acacia* trees in Portugal.

Biological Invasions

<https://doi.org/10.1007/s10530-019-01962-6>

Cognato A.I. et al. (2019): Genetic variability among *Xyleborus glabratus* populations native to Southeast Asia (Coleoptera: Curculionidae: Scolytinae: Xyleborini) and the description of two related species.

Journal of Economic Entomology 21: 1-11.

<https://doi.org/10.1093/JEE/toz026>

Dahl F. and Ahlen P-A. (2019): Nest predation by raccoon dog *Nyctereutes procynoides* in the archipelago of northern Sweden.

Biological Invasions 21: 743-755.

<https://doi.org/10.1007/s10530-018-1855-4>

Økland B. et al. (2019): Range expansion of the small spruce bark beetle *Ips amitinus*: a newcomer in northern Europe

Agricultural and Forest Entomology

<https://doi.org/10.1111/afe.12331>

Olenci N. et al. (2019): Widespread distribution of *Trypodendron leave* in the Carpathian Mountains (Romania).

Forests 9: 286

<https://doi.org/10.3390/f9060286>

Olson D.G. and Rieske L.K. (2019): Host range expansion may provide enemy free space for the highly invasive emerald ash borer.

Biological Invasions 21: 625-635.

<https://doi.org/10.1007/s10530-018-1853-6>

Pysek P. et al. (2019): Twenty-five years of conferences on the Ecology and Management of Alien Plant Invasions: the history of EMAPi 1992-2017.

Biological Invasions 21: 725-742.

<https://doi.org/10.1007/s10530-018-1873-2>

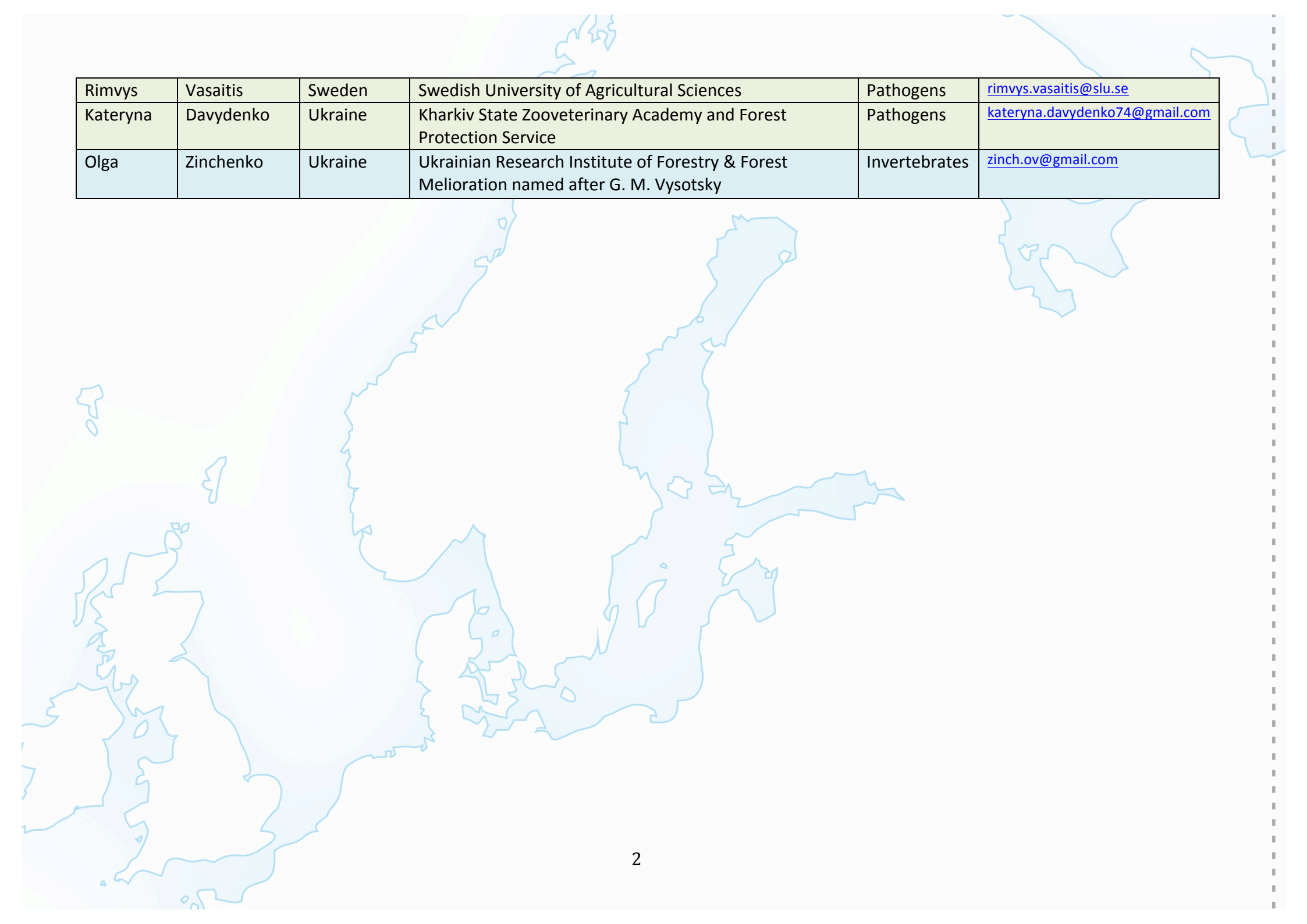
Villa M. et al. (2019): A review of impact assessment protocols of non-native plants.

Biological Invasions 21: 709-723.

<https://doi.org/10.1007/s10530-018-1872-3>

Annex 1. REUFIS - Regional Expert Database (RED) as of April 2019

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