

NOBANIS

No. 3, March 2010



NEWS



Helene Nyegaard Hvid at the NOBANIS secretariat in the Danish Ministry of Environment in Copenhagen

News from the NOBANIS secretariat

New coordinator at the NOBANIS secretariat

The new NOBANIS coordinator, Helene Nyegaard Hvid, took over in December 2009 with a current contract until November 2010. Helene is a biologist and has experience from working with Arctic species, climate changes and ecology. Our former coordinator Camilla Uldal continues to work with invasive species and species management in the Danish Ministry of Environment, Forest and Nature Agency.

NOBANIS meetings 2010

As informed in Krakow we have made an application to the Nordic Council of Ministers for funding of an Early Warning project. The Council has asked us to arrange a workshop on EW, outlining actors and needs before they could take position on a project on EW. We are planning this workshop on early warning and the preliminary dates are 1. and 2. June 2010.

Then we can have a NOBANIS meeting back-to-back on June 3rd. However, since we have not received confirmation on the funds for the workshop, it is not certain that it will be held, but please reserve the dates. As soon as we get more information, I will send out an invitation, so everyone can buy tickets etc before they get too expensive. NOBANIS will pay for travelling expenses for 1 representative from each membership country.

We would also like to have a NOBANIS meeting back-to-back with the NEOBIOTA conference in Copenhagen in September. The conference is 14-17 September, but the agenda on the 14th does not start until the afternoon. This means that we can have a NOBANIS meeting on 13 and 14 September.

If you can all please send me an email if you think you will come, I will try to find a common hotel for everyone in Copenhagen. More info about this also when we get confirmation for the workshop.

NOBANIS

No. 3, March 2010



NEWS

2nd International Workshop Invasive Plants in the Mediterranean Type Regions of the World

2010-08-02/06, Trabzon, Turkey

- First announcement & Call for abstracts -

This workshop will be co-organized by the Turkish Plant Protection Organization, the Council of Europe and EPPO. The organization of the workshop is still in its preliminary phase, and co-organizers and sponsors are most welcome.

The registration fee will be 270 euros (220 euros for students) and 320 euros after the 15th of June. The workshop will take place at the Novotel of Trabzon (www.novotel.com), and arrangements will be made through the agency SSC Tur (www.ssc.com.tr).

The call for abstracts for oral presentations and posters is now open till the **9th of April 2010**.

The provisional programme is as follows:

Monday 2th of August

10:30 Opening Ceremony and Opening Lecture

Scientific sessions

Welcome Cocktail in the evening

Tuesday 3rd of August

Scientific sessions all day

Wednesday 4th of August

Field trip

Conference dinner

Thursday 5th of August

Field trip

Friday 6th of August

Scientific sessions

Closing Ceremony

See more :

http://archives.eppe.org/MEETINGS/2010_conferences/mediterranean_ias.htm

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NOBANIS

No. 3, March 2010



NEWS

In Ireland

An EU LIFE+ funded project coordinated by Shannon Regional Fisheries Board titled 'Restoration of the Lr Shannon SAC for lamprey, Atlantic salmon and European otter' includes an objective to 'Stop and reverse the damage caused by invasive exotics Giant hogweed and Japanese knotweed and restore the natural riparian zone and develop a management programme to ensure re-colonisation does not occur after completion of the project.

Ban on trade of 3 squirrels species in the Netherlands

In November, the Dutch Minister of the Environment decided to forbid the trade and keeping of 3 alien squirrel species in the Netherlands: Grey squirrel (*Sciurus carolinensis*), Pallas' squirrel (*Callosciurus erythraeus*) and Eastern fox squirrel (*Sciurus niger*). This decision was based on an advice of Wiebe Lammers' Invasive Alien Species Team from the Plant Protection Service.

Risk assessment of *Tamias sibiricus* (Siberian Chipmunk) from NNSS

The non-native species secretariat for Great Britain recently completed risk assessments for several species (including *T. sibiricus*), which are available here:

<https://secure.fera.defra.gov.uk/nonnativespecies/index.cfm?pageid=216>



Catalogue of invasive alien species in Poland (database)

The question of invasive alien species in Poland is in management of two Ministries; Ministry of Agriculture and Ministry of Environment. Institute of Plant Protection which is submitted to Ministry of Agriculture is involved in the project concerning the invasive alien species in Poland. At the web page: <http://gatunkiinwazyjne.expertus.com.pl> is the database of alien species dangerous from the agricultural point of view. This database is in Polish language only.

The database of invasive alien species gathered about 250 species (60 plants, 70 insects, 25 slugs and 100 fungi). The Catalogue for each species has following information: identity number, Latin name, Polish name, names in other languages, taxonomic position, origin, first occurrence in Poland, frequency, place of occurrence, description, food (trophic relation), risk and references.

NOBANIS

No. 3, March 2010



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Доклады Академии Наук

IUBS
International Union of Biological Sciences



USGS
science for a changing world



Russian Academy of Science
Department of Biological Sciences, RAS
International Union of Biological Sciences
Commission on preservation of a biological diversity, RAS
A.N. Severtsov Institute of Ecology and Evolution, RAS
I.D. Papanin Institute of Biology of Inland Waters, RAS
Department of biological resources of U.S. Geological Service
U.S. Fish and Wildlife Service



The III International Symposium

INVASION OF ALIEN SPECIES IN HOLARTIC

(BOROK – 3)

The first announcement

(October 5th-9th 2010, Borok- Myshkin, Yaroslavl District, Russia)



The III International symposium "Invasion of Alien Species in Holartic"

Dear colleagues! Welcome to the III International symposium «Invasion of Alien Species in Holartic» which will take place in Borok-Myshkin, Yaroslavl District, Russia, 5-9 of October 2010.

This is the third symposium in a series that took place at the Papanin Institute of Inland Waters, Russian Academy of Sciences (Borok) in 2001 and 2005. This meeting will involve a wide range of theoretical and applied aspects of biological invasions.

The main scientific topics of the symposium

- Theoretical issues of biological invasions.
- Dynamics of biological invasions in Holartic in space and time.
- Genetics and evolution of biological invasions.
- Influence of alien species on indigenous species and communities.
- The role of global geoclimatic and anthropogenic processes in biological invasions.
- Information systems for the monitoring of invasions. Mathematical modelling of species invasions.

Our scientific programme includes several round tables with presentations by leading researchers

on the following topics:

- Methods for the study of biological invasions.
- Methods of control and eradication of invasive species.
- Social and political aspects of biological invasions. International and regional collaboration in alien species studies.

The main contact address

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NOBANIS



No. 3, March 2010

E

LIFE+ Project CAISIE (Control of Aquatic Invasive Species and Restoration of Natural Communities in Ireland)

The CAISIE project will be launched in February 2010 and is being carried out by the Central Fisheries Board and is has been funded by the Life+ programme and the National Parks and Wildlife Service. This is a large scale IAS management project and key actions include the eradication of *Lagarosiphon major* from Lough Corrib and remediation of the macrophyte communities, and a control programme for aquatic IAS in major parts of the canal system as it is a key dispersal route for IAS. For further information visit the website www.caisie.ie or contact Shireen Sayed (shireen.sayed@cfb.ie) or Joe Caffrey (joe,caffrey@cfb.ie).

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Ireland's interactive GIS distribution maps

Interactive GIS distribution maps displaying 20,276 records for 85 priority invasive species are now available through the National Invasive Species Database website: <http://invasivespecies.biodiversityireland.ie>

In addition, the website released Species Alerts for the recent arrival of *Hemimysis anomala*, *Ludwigia grandiflora*, *Harmonia axyridis*, *Trachemys scripta scripta*, *Chelydra serpentina* and *Sus scrofa*. A recording scheme for eight of Ireland's Most Unwanted invasive aquatic plant species has also been launched. Visit the website for more information or contact Colette O' Flynn by e-mail coflynn@biodiversityireland.ie.

New legislation expected in Ireland

A 'Ban on sale and import' for certain non-native species is expected in 2010 for the Republic of Ireland.

Racoon dog and mink action plans under development in Denmark

Both action plans are currently being written and will be released in the spring 2010.

Russian Journal of Biological Invasions

From 2010 "Russian Journal of Biological Invasions" will be translated from Russian to English and will be located in the Springer portal

(<http://www.springer.com/life+sci/ecology/journal/13168?detailsPage=editorialBoard>)



Ireland's National Strategy for Plant Conservation

The National Botanic Gardens (NBG) act as the focal point for Ireland's National Strategy for Plant Conservation, which includes as a target (No. 10) to have "Management plans in place for at least 10 major alien species that threaten plants, plant communities and associated habitats and ecosystems in Ireland"

www.botanicgardens.ie/gspc/inspc.htm.

NOBANIS

No. 3, March 2010



NEWS

Heracleum sosnowskyi website from Latvia

In Latvia, the national State Plant Protection Service is implementing the legislative requirements to control the most widespread invasive alien plant giant hogweed *Heracleum sosnowskyi*. A website (www.vaad.gov.lv, in Latvian only) is developed containing information on the species, its biology, ecology, control methods, legislative documents as well as a GIS-based zoomable map intended to be a useful tool for landowners and land managers.

NEOBIOTA conference 2010: Biological Invasions in a changing World - from Science to Management, Copenhagen, Denmark, 14-17 September 2010

Organised by Johannes Kollmann & Hans Peter Ravn, Faculty of Life Sciences & Lotte Endsleff, Faculty of Science, University of Copenhagen.

- Biological invasions are an important element of global change, and invasive organisms are described both as factor and symptom of local shifts in habitat conditions.
- NEOBIOTA 2010 focuses on biological invasions in a changing environment, including contributions from science and management. There will be no bias to particular species groups, habitats or regions.
- The conference invites experts in global change components controlling invasions, and an international audience with interest in this field. Specialist sessions allow discussing contrasting methodological approaches to biological invasions, among them macroecological analyses, population models and molecular methods.
- There will be room for applied topics including impact, risk assessment, socio-economic aspects and control of invasive species.

Registration deadline: 15 March

Conference website: <http://cis.danbif.dk/neobiota2010>



NOBANIS

No. 3, March 2010



Report from the Norwegian Institute for Nature Research:

Alien species and climate change in Norway -

An assessment of the risk of spread due to global warming

www.nina.no/archive/nina/PppBasePdf/rapport/2009/468.pdf

NEWS



Second Phase of Invasive Species Ireland

The second phase of Invasive Species Ireland began in December 2009 and over the next 3 years the programme will continue to develop Ireland's risk assessment protocols; IAS exclusion and management plans; sectoral Codes of Practice and an extensive stakeholder engagement and partnership process. New actions include the development of an IAS strategy, setting up local catchment invasive species action groups, development of an industry standards award scheme and an assessment of the socio-economic and environmental impacts of IAS in Ireland. For more information visit the website www.invasivespeciesireland.com or contact Cathy Maguire c.m.maguire@qub.ac.uk.

Web based identification guide for marine invasive species

In May 2010 NOBANIS will launch a new web based identification key for marine invasive species on the site. It is funded by the Nordic Council of Ministers and is written by Kathe Rose Jensen.

Arion lusitanicus and Harmonia axyridis now in Latvia

In 2009, two invasive invertebrate species were found in Latvia for the first time: Spanish slug *Arion lusitanicus* and the harlequin ladybird *Harmonia axyridis*. Up to now, both species are locally distributed and rare, but since reported as invasive in many countries, they might spread also in Latvia. The information was widely reflected in media (internet news, newspapers, radio, TV), partly touching the problem of invasive spread in more general view.

Alien invasive species in Irish Water bodies

The Environmental Protection Agency STRIVE funded project 'Alien invasive species in Irish Water bodies' is a two year project aimed to address the knowledge gap identified under the Water Framework Directive for alien invasive species in Ireland's River Basin Districts and produce a monitoring and reporting strategy. Project due for completion in March, 2010.

Website:

<http://invasivespecies.biodiversityireland.ie>
and view STRIVE tab.

NOBANIS

No. 3, March 2010



NEWS

Action plan on Invasive Alien Species in Denmark

In 2009 the Danish Minister for the Environment sent out an Action Plan on Invasive Alien Species. The Action Plan gives a number of recommendations on prevention, management, monitoring, legal status, information and capacity building. The Action Plan is implementing the recommendation in the CBD guidelines and the European Strategy on Invasive Alien Species. The Action plan also has an annex listing the "worst aliens" in the country and an observation list of species having the potential to be invasive. These lists are comparable to black and grey lists known from other countries. The action plan is only available in Danish, please visit <http://www.skovognatur.dk/NR/rdonlyres/DB812145-4733-4D7F-95AA-9EB940A61D1E/0/Handlingsplanforinvasivearter2.pdf>

As a follow up to the Action Plan a number of projects and initiatives have been taken. These include:

- A portal where you can register on a map where you have seen 30 IAS, see <http://www.skovognatur.dk/DyrOgPlanter/invasivearter/Indberetning/>
- *Pacifastacus leniusculus*, detection and eradication in a river system. In the project all Populations of the crayfish in the river stem has been located and an eradicating project involving a number of stakeholders will follow.
- *Rosa rugosa* is very common along the Danish coastline. Eradication/management is not always received well by the public. This project will compare public acceptance of different methods for management of *Rosa rugosa* in sand dunes
- *Petasites hybridus* is forming very dense stands along small rivers. Because of the heavy shading no plant can be found under this plant. In the winter when the ground is left open erosion of soil into the river will increase. The project will test eradication/management measures.
- Information campaign to prevent the spread of *Dreissena polymorpha*
- Eradication measures of *Prunus serotina*, including grazing and cutting
- *Arion lusitanicus* is a very common snail which is very difficult to manage. To increase management success this project will identify natural enemies and identify where the snail prefers to lay its eggs.
- Due to a longer growing season, *Ambrosia artemisifolia* is able to establish in Denmark. Introduction vector is via the contamination of imported sunflower seeds. This project will (together with industry), try to stop the import of seeds through a Code of Conduct.
- Horticulture is a major vector in the introduction of new species. Together with the horticulture industry we will find ways to stop or minimize this vector for introduction through a Code of Conduct.

For more information about the projects please contact Hans Erik Svart at hes@sns.dk