



REPUBLIC OF ESTONIA  
MINISTRY OF THE ENVIRONMENT

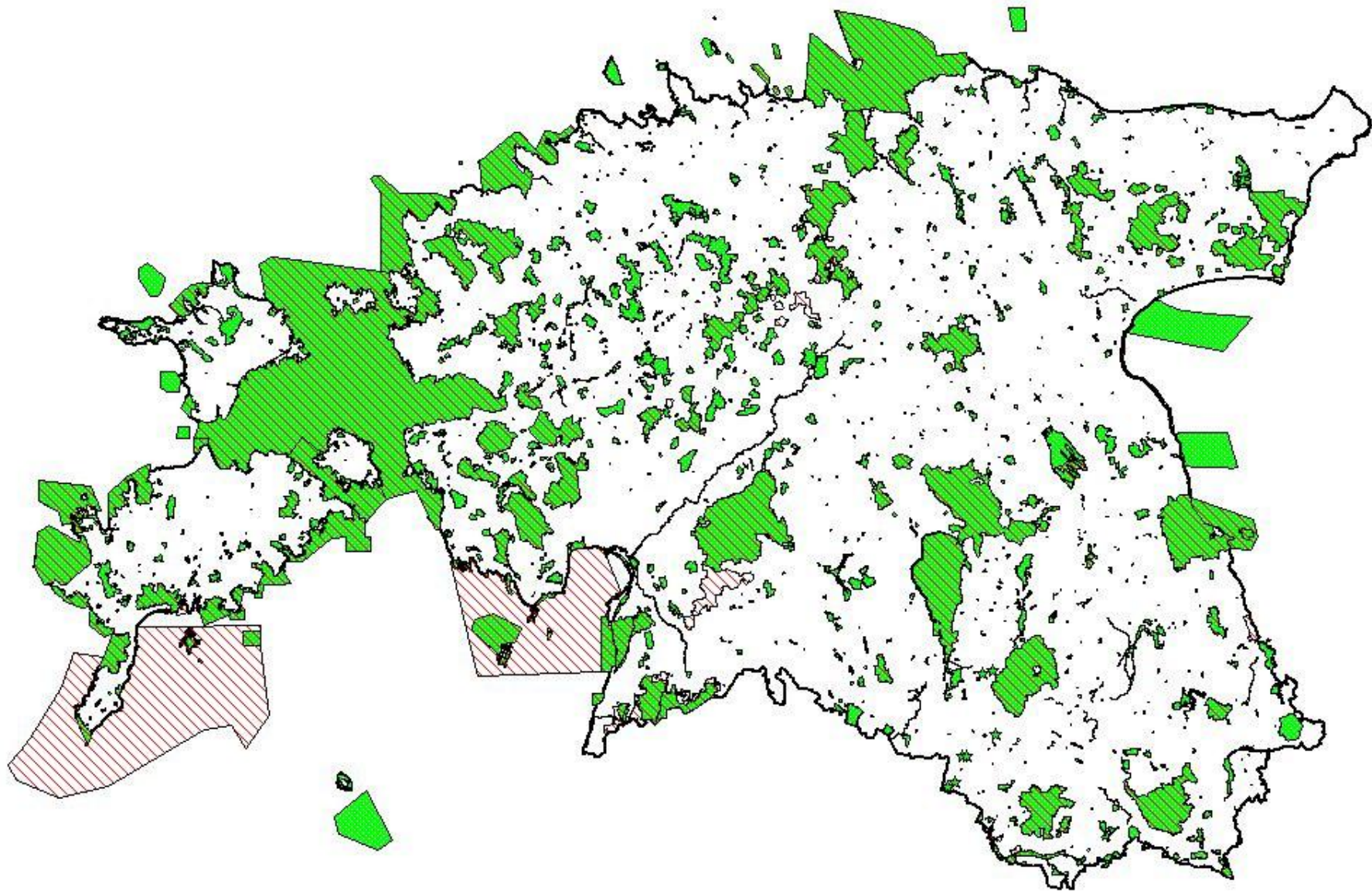


# National report on Invasive Alien Species

**Merike Linnamägi**

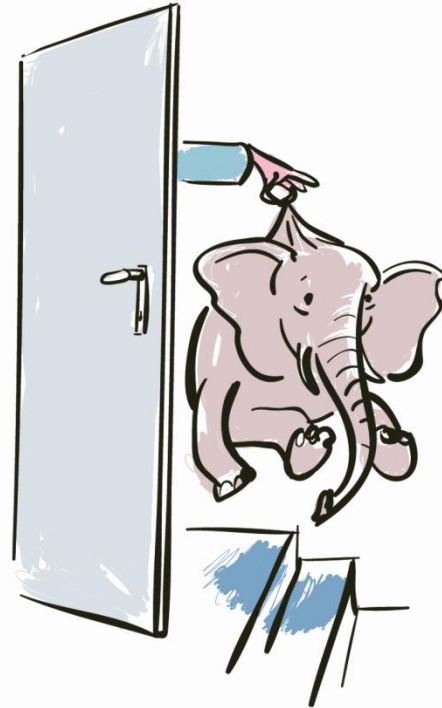
Ministry of the Environment / senior officer

**Estonia is rich in nature...**



# General rule on alien species in Estonia

It is prohibited to introduce live specimens of non-native species in the wild, and to plant or sow non-native plants in the wild, except for the planting and sowing of alien tree species the cultivation of which as forest trees is permitted in accordance with the Forest Act.



# Legally binding black list (1)

Regulation of the Minister of the Environment shall list species likely to disrupt natural balance.

With these species:

- Import of live specimens is prohibited;
- All transactions are prohibited;
- Rearing in artificial conditions is prohibited (exception for scientific research with the permission of the Environmental Board);
- Relocation of such specimens also requires permission of the Environmental Board





# Legally binding black list (2)

List contains 43 species including plants, vertebrate- and invertebrate animals. [Direct link](#)



# Legislation on mink farms (1)

Since 1.04.2007 Nature Conservation Acts states that mink farms need a licence to operate and need to fulfil specific criteria to get the licence.

These criteria were established by the regulation or minister of Environment in 22.02.2008. These rules applied to new farms immediately and for existing farms specific fencing rules entered to force 1.02.2009.

Rules were focused on keeping the minks in farms, and included: double fencing, sheetmetal barrier or electric fence at top, secure gate, set mesh size for mesh fences (2x2 mm), double sided traps, good visibility near fences (lawn mowed, no large items near fences) etc.



# Legislation on mink farms (2)



# Collecting, managing and sharing information

Alien species monitoring to be included in national monitoring programm

More importance given on the citizen science:

- \* portal for species records
- \* mobile application in development

Open web map service with all hogweed colonies

IT development for national data portal  
(previously just for protected species and



# Alien hogweed eradication

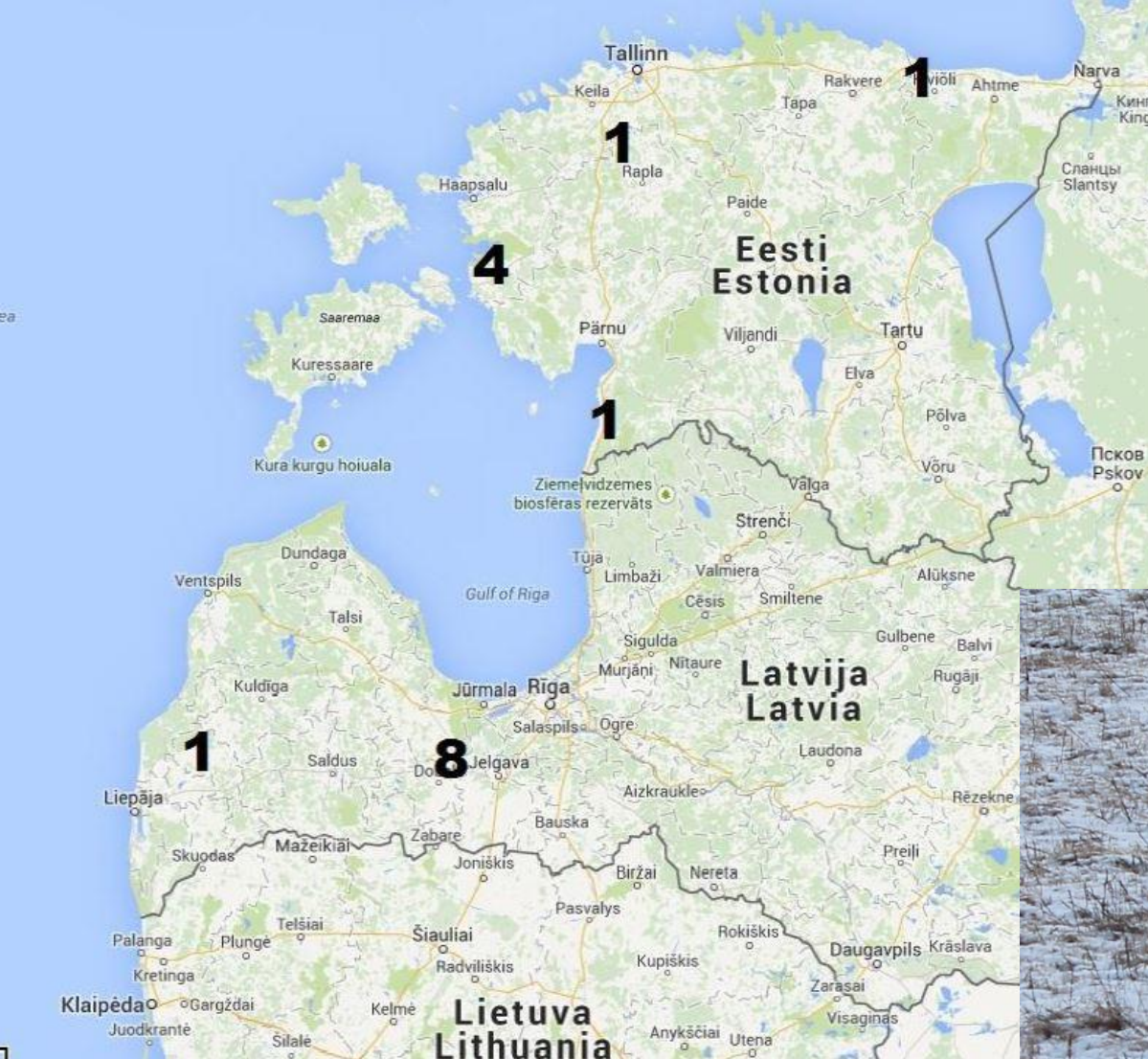


Year	ha
2005	235
2006	605
2007	609
2008	867
2009	796
2010	1254
2011	1474
2012	1687
2013	1922
2014	2044
2015	2150 planned

# For three new alien invasions Environmental Board has given out right to hunt:

- the fallow deer *Dama dama*, species was previously eradicated, new sightings since 2012, exceptional shooting rights given in 2015
- the sika deer *Cervus Nippon*, species was previously eradicated, new sightings since 2013, exceptional shooting rights given in 2015
- the golden jackal *Canis aureus*, sightings since 2016, exceptional shooting rights given in 2015





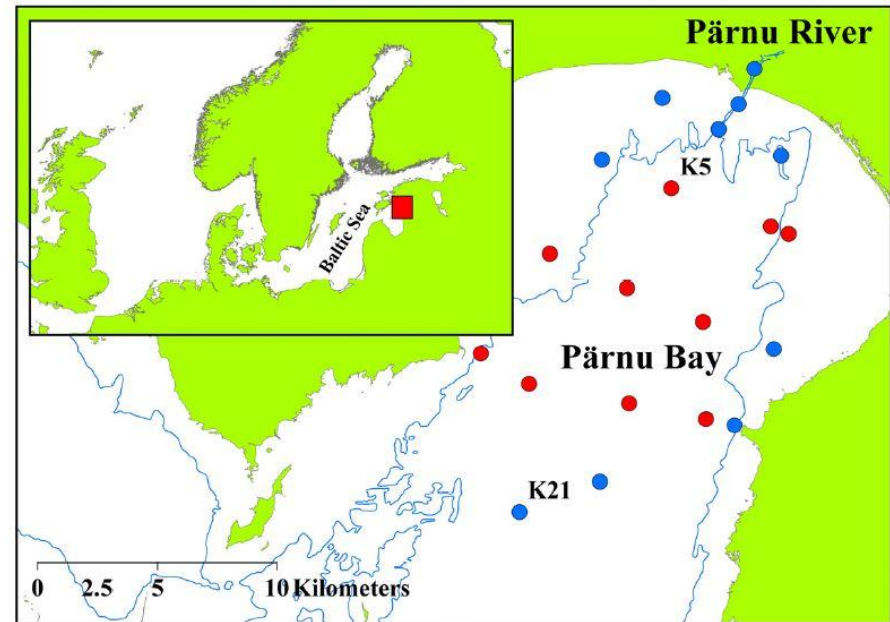
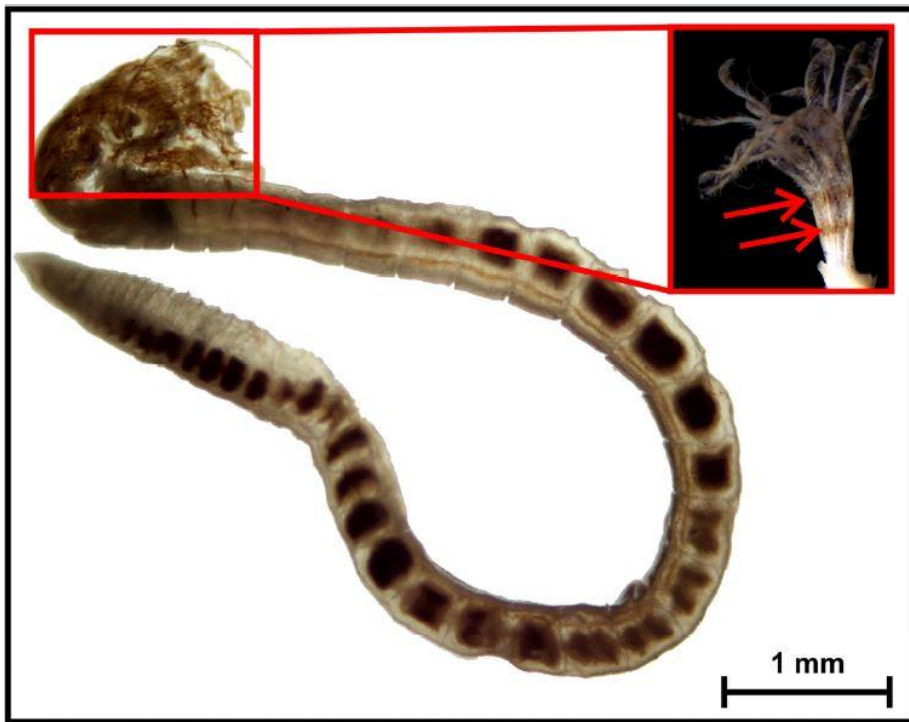
Map: Peep Männil  
 Photos: Liisi Laos, Eleliis



# A new alien polychaete species

Pärnu bay, Estonia 2012

*Lanome* sp (*Lanome armata*?).



Images: Jonne Kotta

Densities as high as 752 individuals m<sup>2</sup>

[http://www.aquaticinvasions.net/2015/ACCEPTED/AI\\_2015\\_Kotta\\_et\\_al\\_correctedproof.pdf](http://www.aquaticinvasions.net/2015/ACCEPTED/AI_2015_Kotta_et_al_correctedproof.pdf)



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# Thank you!

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Photos: Merike Linnamägi and Madli Linder

Drawings: Toomas Pääsuke