



Regulation (EU) 1143/2014 on Invasive Alien Species

European Commission

DG Environment

In-Tree event

Brussels

5 December 2016

Regulation on Invasive Alien Species

Entry into force on 1/1/2015

- Chapter 1: General provisions

- Chapter 2:

Prevention



- Chapter 3:

Early Detection and Rapid Eradication



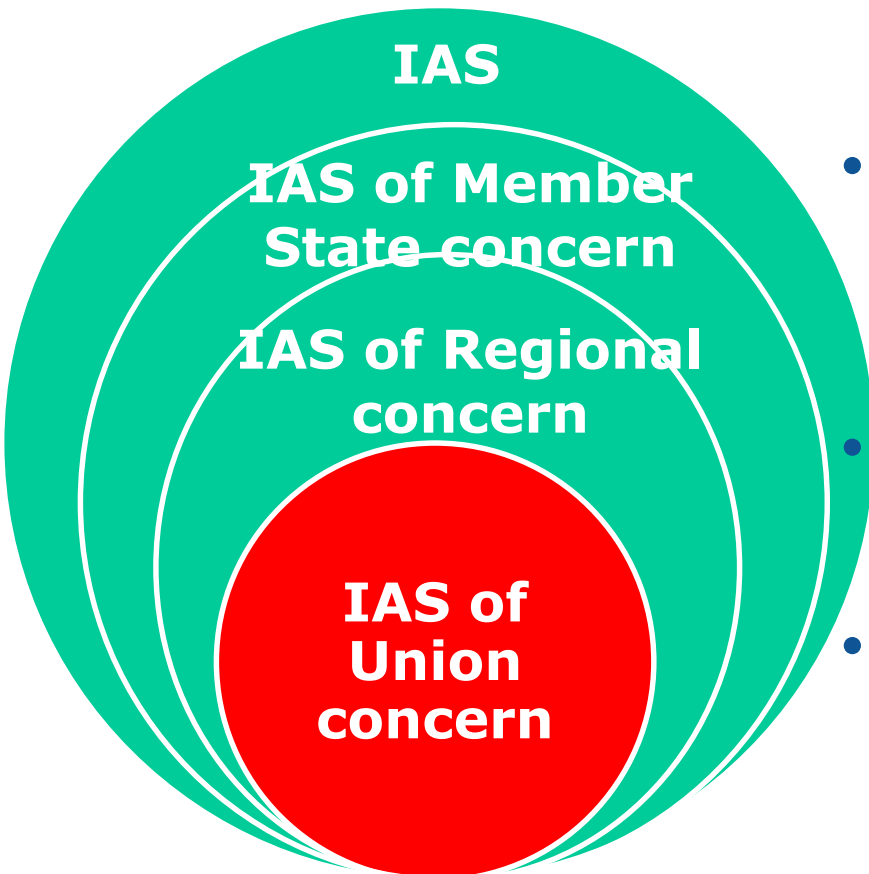
- Chapter 4:

Management of widely spread IAS

- Chapter 5: Horizontal provisions

- Chapter 6: Final provisions

Prioritise on list of IAS of Union concern



- Commission and Member States may propose IAS
- Scientific Forum checks scientific robustness of information
- Committee checks IAS for compliance criteria listing
- Result:
 - **First list (entered into force on 3 August 2016): 37 IAS**
 - **First update: in preparation**



Regulation (EU) 1143/2014 on Invasive Alien Species

Scope

- Species introduced outside their natural range
- Threat to biodiversity and related ecosystem services

Exceptions:

- species changing their natural range without human intervention, in response to changing ecological conditions and climate change;
- GMOs, pathogens that cause animal diseases, organisms harmful to plants under Directive 2000/29

List of IAS of Union concern

Art 4(4) - Commission and MS may propose IAS for listing, providing:

- a) a **risk assessment** according to Art 5(1), points (a) to (h)
- b) evidence that IAS meets **criteria for listing**, provided for in Art 4(3), with due consideration to Art 4(6)

List of IAS of Union concern

Art 5(1) - Risk assessments, having regard to following elements:

- a) Description of species
- b) Description of reproduction and spread
- c) Description of potential pathways of introduction and spread
- d) Thorough assessment of the risk of introduction and spread
- e) Description of current and likely future distribution
- f) Description of **adverse impact** on biodiversity, related ecosystem services, human health, safety and the economy
- g) Assessment of potential costs of damage
- h) Description of known uses and **social and economic benefits**

List of IAS of Union concern

Art 4(3)- **Criteria for listing**

- a) Alien to the territory
- b) Capable of establishing and spreading
- c) Likely to have significant adverse impacts on biodiversity, and possibly also on human health and the economy
- d) Demonstrated by risk assessment that action at Union level is required
- e) Likely that inclusion on list will prevent, minimise or mitigate the adverse impacts

Commission to apply criteria with **due consideration to** implementation cost for Member States, cost of inaction, cost-effectiveness and **socio-economic aspects** – Art 4(6)



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http://ec.europa.eu/environment/nature/invasivealien/index_en.htm

Nature and biodiversity

Biodiversity Strategy

Nature and biodiversity law

Species protection

Natura 2000

Green infrastructure

Knowledge and data

Invasive Alien Species

Invasive Alien Species are animals and plants that are introduced accidentally or deliberately into a natural environment where they are not normally found, with serious negative consequences for their new environment. They represent a major threat to native plants and animals in Europe, causing damage worth billions of euros to the European economy every year.

Brochure on [Invasive Alien Species](#)

Brochure on [Life and Invasive Alien Species](#)

EU Regulation 1143/2014 on Invasive Alien Species

The [Regulation 1143/2014 on invasive alien species](#) entered into force on 1 January 2015. This Regulation seeks to address the problem of invasive alien species in a comprehensive manner so as to protect native biodiversity and ecosystem services, as well as to minimize and mitigate the human health or economic impacts that these species can have.

The Regulation foresees three types of interventions: prevention, early detection and rapid eradication, and management.

List of Invasive Alien Species of Union Concern

A list of invasive alien species of Union concern has been adopted:

- [News and questions & answers](#)
- [Commission Implementing Regulation 2016/1141 adopting a list of invasive alien species of Union concern](#)

The list was drawn up together with the Member States, represented through the Scientific Forum and the Committee on Invasive Alien Species, on the basis of risk assessments and scientific evidence. According to Regulation 1143/2014, the list needs to be kept up to date and a first update of the list is under preparation. All risk assessments supporting the first list, as well as all material detailing progress towards the first update of the list can be found [here](#).

Besides the European Commission, Member States can propose additional species for listing, according to Article 4(4) of the Regulation. Those proposals are submitted to the Scientific Forum for its opinion on whether the information is robust and fit



Scientific Forum on Invasive Alien Species

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Library



Library

The Library is the space where **contents** are stored, managed and shared.

In the Library service, users manage and share their documents

Spaces

Title

- 0 Meetings of the Scientific Forum
- 0 Risk Assessments - Explaining the folders below
- 1 Risk Assessments - IAS listed
- 1bis Risk Assessments - IAS not listed
- 2 Risk Assessments - IAS proposed for listing
- 3 Risk Assessments - check by Scientific Forum
- 4 Risk assessments - under consideration or under development

Content

Name

- Application for reimbursement_en (5).xls
- ExpertIdentificationSheet-EN.NEW JULY 2015pdf.pdf
- links to online material.xlsx

Additional evidence can be sent to ENV-IAS@ec.europa.eu



37 IAS on the first Union list – 14 plants

Plants - Scientific name	Common name
<i>Baccharis halimifolia</i>	Eastern baccharis
<i>Cabomba caroliniana</i>	Fanwort
<i>Eichornia crassipes</i>	Water hyacinth
<i>Heracleum persicum</i>	Persian hogweed
<i>Heracleum sosnowskyi</i>	Sosnowski's hogweed
<i>Hydrocotyle ranunculoides</i>	Floating pennywort
<i>Lagarosiphon major</i>	Curly waterweed
<i>Ludwigia grandiflora</i>	Water-primrose
<i>Ludwigia peploides</i>	Floating primrose-willow
<i>Lysichiton americanus</i>	American skunk cabbage
<i>Myriophyllum aquaticum</i>	Parrot's feather
<i>Parthenium hysterophorus</i>	Whitetop weed
<i>Persicaria perfoliata</i>	Asiatic tearthumb
<i>Pueraria lobata</i>	Kudzu vine

Animals – Scientific name	Common name	
<i>Callosciurus erythraeus</i>	Pallas' squirrel	37 IAS on first Union list – 23 animals Reg. (EU) 2016/1141
<i>Corvus splendens</i>	Indian house crow	
<i>Eriocheir sinensis</i>	Chinese mitten crab	
<i>Herpestes javanicus</i>	Small Indian mongoose	
<i>Lithobates catesbeianus</i>	North-American bullfrog	
<i>Muntiacus reevesi</i>	Muntjac deer	
<i>Myocastor coypus</i>	Coypu	
<i>Nasua nasua</i>	Coati	
<i>Orconectes limosus</i>	Spiny-cheek crayfish	
<i>Orconectes virilis</i>	Virile crayfish	
<i>Oxyura jamaicensis</i>	Ruddy duck	
<i>Pacifastacus leniusculus</i>	Signal crayfish	
<i>Percottus glenii</i>	Amur sleeper	
<i>Procambarus clarkii</i>	Red swamp crayfish	
<i>Procambarus fallax f. virginalis</i>	Marble crayfish	
<i>Procyon lotor</i>	Raccoon	
<i>Pseudorasbora parva</i>	Stone moroko	
<i>Sciurus carolinensis</i>	Grey squirrel	
<i>Sciurus niger</i>	Fox squirrel	
<i>Tamias sibiricus</i>	Siberian chipmunk	
<i>Threskiornis aethiopicus</i>	Sacred ibis	
<i>Trachemys scripta</i>	Red-eared and yellow-eared sliders	
<i>Vespa velutina</i>	Asian hornet	

12 IAS under examination for first update: 9 plants and 3 animals

Plants - Scientific name	Common name
<i>Alternanthera philoxeroides</i>	Alligator weed
<i>Asclepias syriaca</i>	Common milkweed
<i>Elodea nuttallii</i>	Nuttall's waterweed
<i>Gunnera tinctoria</i>	Chilean rhubarb
<i>Heracleum mantegazzianum</i>	Giant hogweed
<i>Impatiens glandulifera</i>	Indian balsam
<i>Microstegium vimineum</i>	Japanese stiltgrass
<i>Myriophyllum heterophyllum</i>	Broadleaf watermilfoil
<i>Pennisetum setaceum</i>	Crimson fountaingrass

Animals - Scientific name	Common name
<i>Alopochen aegyptiacus</i>	Egyptian goose
<i>Nyctereutes procyonoides</i>	Raccoon dog
<i>Ondatra zibethicus</i>	Muskrat

Chapter II: Prevention

Art 7: Restrictions on intentional activities

Art 8: MS may issue permits for research, ex-situ conservation or medicinal use

Art 9: Commission may authorise other activities

Art 13: MS to implement action plans on priority pathways

Art 11/12: IAS of regional / Member State concern



Border control and surveillance for IAS of Union concern

Art 14: Surveillance

- MS shall establish a surveillance system

Art 15: Official controls

- MS shall put border control structures in place to prevent intentional introductions



Art 16: Early detection notification

- Confirm early detection of IAS of Union concern
- Notify Commission and inform other Member States

Art 17: Rapid eradication

- After notification, MS shall apply eradication measures

Art 18: Derogation from rapid eradication obligation

- Within 2 months after the notification, MS may decide not to apply eradication measures, under conditions

Ch. IV: Management of widely spread IAS of Union concern

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Art 19: Management measures

- MS shall have in place effective management measures
- Proportionate to impact and appropriate to specific circumstances
- Based on analysis of costs and benefits
- Lethal or non-lethal actions, aimed at eradication, population control or containment
- Commercial use may be temporarily allowed as part of management measures, under conditions
- Due regard to human health and environment + spare animals any avoidable suffering

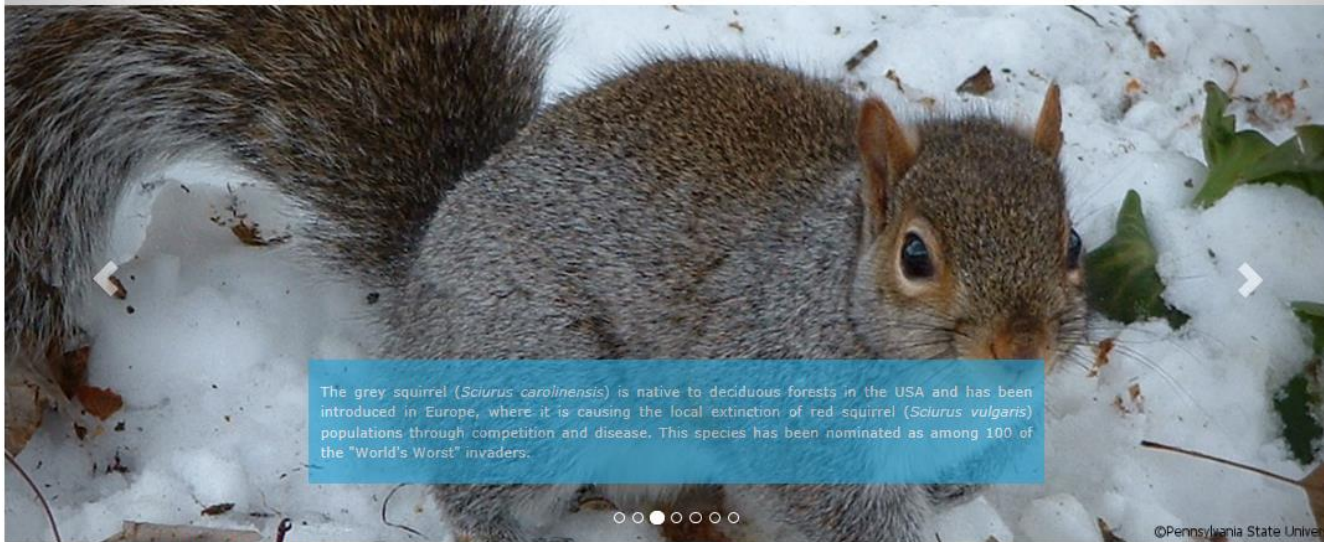
Information Support System



JOINT RESEARCH CENTRE European Alien Species Information Network - EASIN

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The grey squirrel (*Sciurus carolinensis*) is native to deciduous forests in the USA and has been introduced in Europe, where it is causing the local extinction of red squirrel (*Sciurus vulgaris*) populations through competition and disease. This species has been nominated as among 100 of the "World's Worst" invaders.

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European Alien Species Information Network

SPECIES
13.955

OCCURRENCES
17,777,221

DATA PARTNERS
8

Welcome to EASIN

EASIN (European Alien Species Information Network) is a platform developed by the European Commission's Joint Research Centre which enables easy access to data on Alien Species reported in Europe.

EASIN builds on collaboration with existing European and global projects to deliver tools and information in support of Alien Species policies.

Upcoming Events

Monday, 29 August 2016, Montpellier

5th International EcoSummit Congress, EcoSummit 2016

Thursday, 1 September 2016, Hawaii

2016 IUCN World Conservation Congress

Monday, 26 September 2016, Rhodes

51st European Marine Biology Symposium

Thank you for your attention!

env-ias@ec.europa.eu

http://ec.europa.eu/environment/nature/invasivealien/index_en.htm

