

SETTING UP A FRENCH ALIEN INVASIVE SPECIES NETWORK

The ministry of ecology's IAS strategy

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TWO TECHNICAL COORDINATORS

1. The National Museum of Natural History of France (MNHN)



Wikipedia Berni LIEU SONG

- Fundamental and applied research
- Naturalistic Collections conservation
- Education and pedagogy
- Circulation of the knowledges, evaluation and assessment

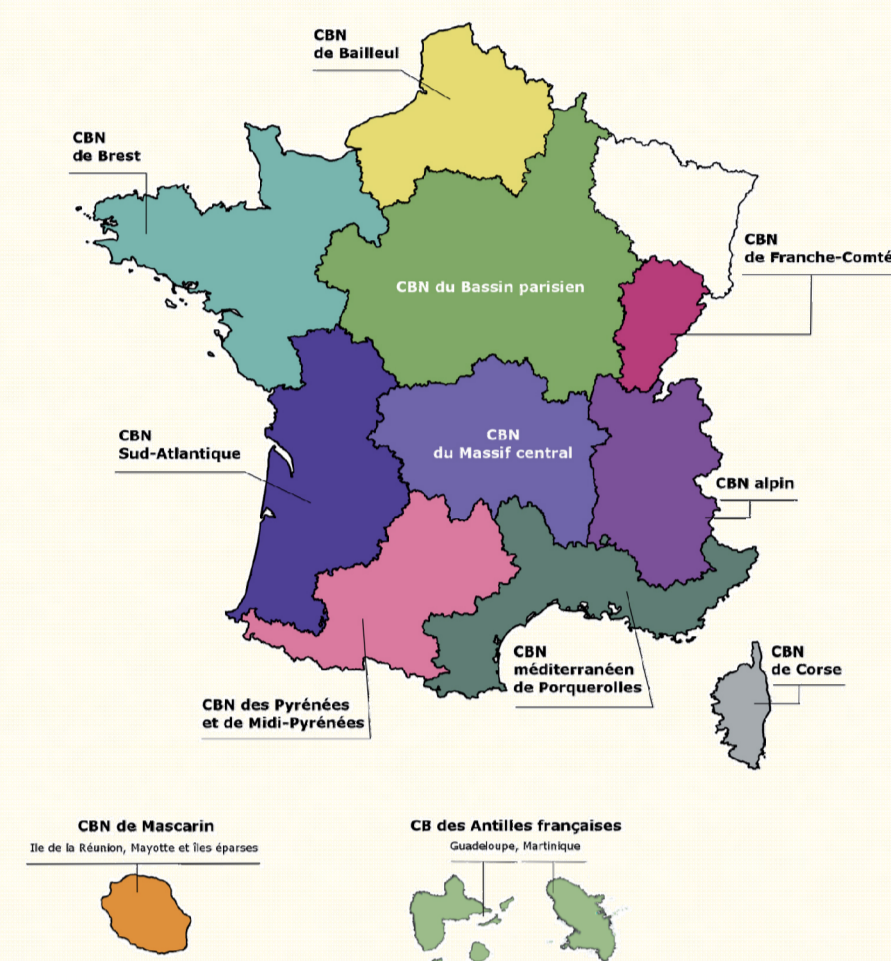
1.1 Natural Heritage Department = SPN (one of MNHN's department)

- National inventory of biodiversity
- Coordination of the Government requests within the MNHN and amongst the scientific community
- Resource Centre on Biodiversity.

2. The federation of National Botanical Conservatories of France

- Co-ordinating missions at national level
- Co-ordinating national demands involving the CBNs expertise

National Botanical Conservatories



- A network of 10 conservatories in France + one in the outermost regions
- Inventorying and researching the state, evolution of wild flora and natural and semi-natural habitats
- Identifying and preserving rare and endangered flora and habitats
- Informing and assessing on behalf of governments, public institutions and local authorities involved in land management
- Raise awareness about the preservation of plant diversity.

STUDY ON ALIEN INVASIVE SPECIES DEFINITION

Aim : having a common vocabulary to facilitate the pooling and consolidation of expertise and the setting up of warning, control and eradication networks.



EXPERT NETWORK

MEMBERS

- ~ 90 scientific experts on IAS involved including experts from outermost regions
- For the flora : The CBN network, researchers
- For the fauna : Mobilization of scientists dedicated to a taxonomic group (due to the absence of real network for the global fauna), researchers



GOALS

- Collaborative definition of species status (alien, indigenous, cryptogeneous)
- Conducting national risk assessment on invasiveness and impacts on biodiversity
- Giving advices about reglementation

PRIORITIZATION METHOD FOR MANAGEMENT AND ERADICATION

- Prioritize the AIS through their impact on biodiversity
- Then through the costs and the benefits for the environment
- A working group for this subject in the last quarter of 2010



NATIONAL MANAGEMENT PLANS

In 2009, two species targeted

The Red-bellied squirrel [*Callosciurus erythraeus* (Pallas, 1779)]



© F. Moutou

The Gingergrass [*Cortaderia selloana* (Schult. & Schult.f.) Asch. & Graebn]



© Hauguel/CBN Bailleul

For 2010 one species targeted

The Bullfrog [*Lithobates catesbeianus* (Shaw, 1802)]



© Cistude Nature

Reflexions on 2 others species

Hydrocotyle ranunculoides (L.f)



© JC. Amoux, CBN Méditerranéen

Lindernia dubia (L.) Pennell



© Descheemacker, CBN Massif Central

SURVEILLANCE SYSTEM

- Detecting the new species arriving in the country
- Monitoring introduced species which aren't yet invasive but could become ones
- What we need to do :
 - Making a national list of IAS and potential IAS
 - Consulting the natural spaces managers
 - Watching the species that causes damages in the neighbouring countries
 - Making an inventory on IAS which are already in nature.



RAISING AWARENESS

Science Festival 22-23-24th october 2010

During this event a workshop on IAS which will explain and show through posters, video, Powerpoint and games what is an invasive species and how to manage it. Its origin and its effects on biodiversity, health, nature and the economy will be mentioned.

- Futur website of the FCBN www.fcbn.fr
- website INPN = information relating to natural heritage of France

