

Bord na Móna

Biodiversity Action Plan

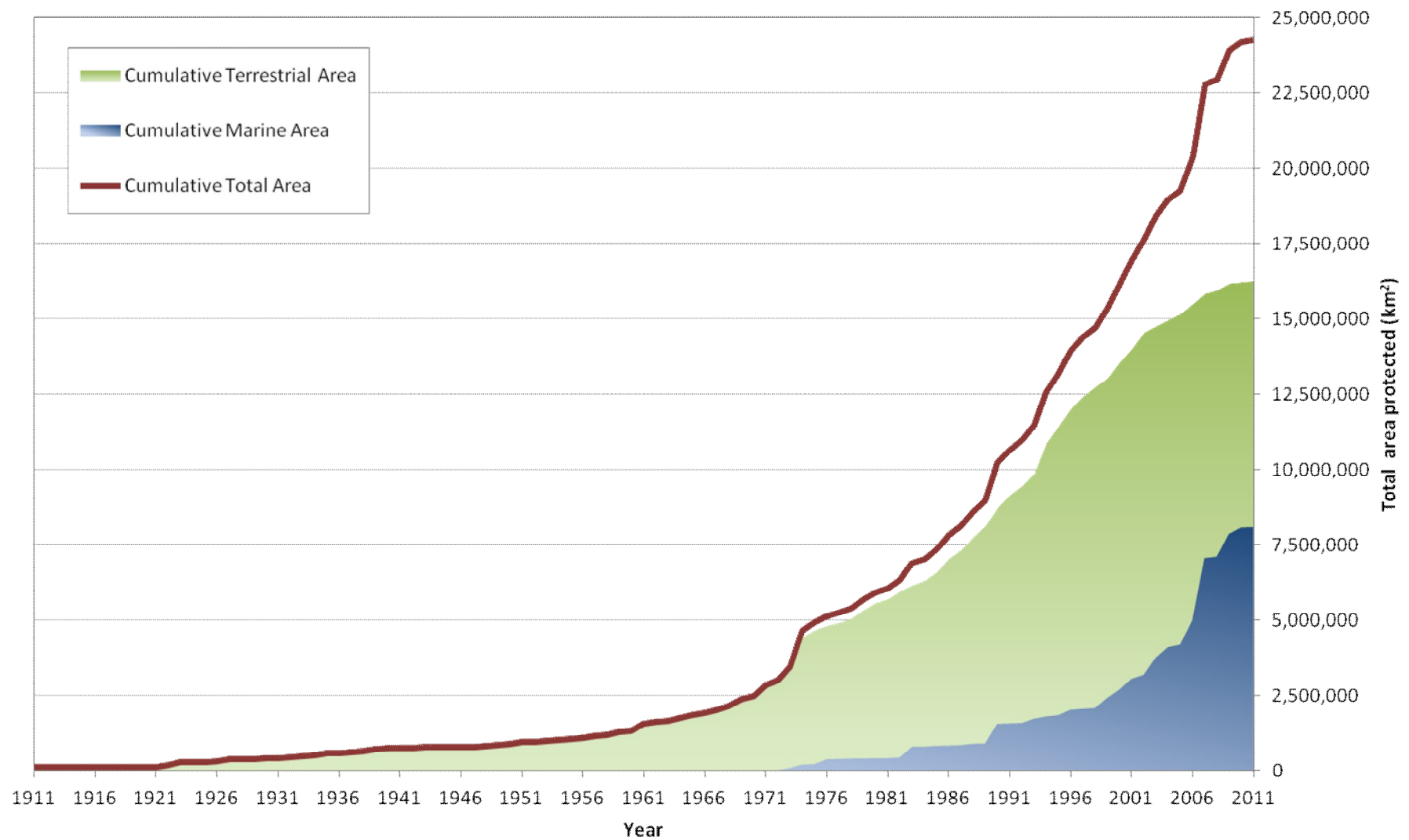
Review Meeting

Dr. Liam Lysaght

Director

National Biodiversity Data Centre

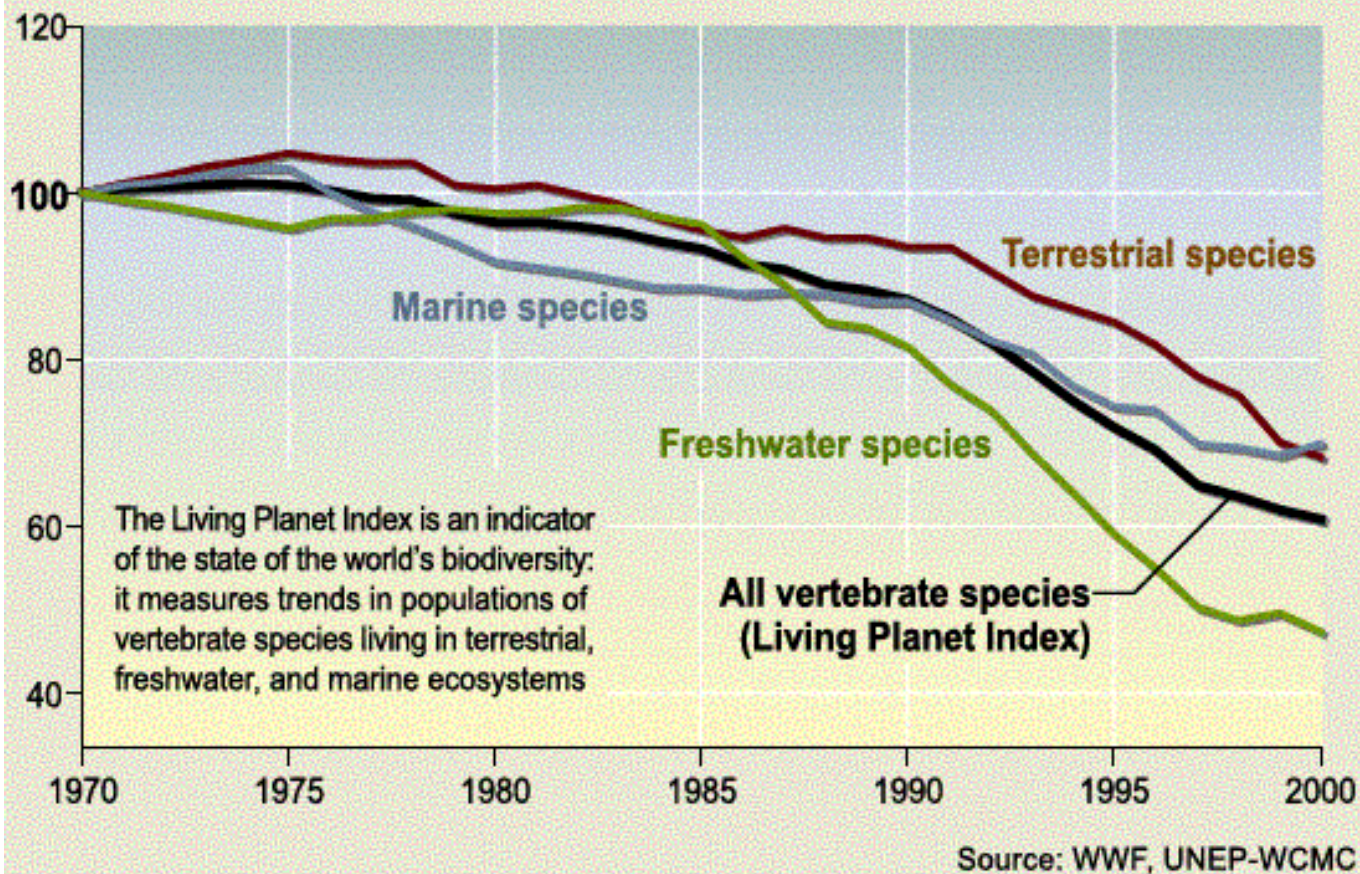
Growth in nationally designated protected areas (1911 - 2011)



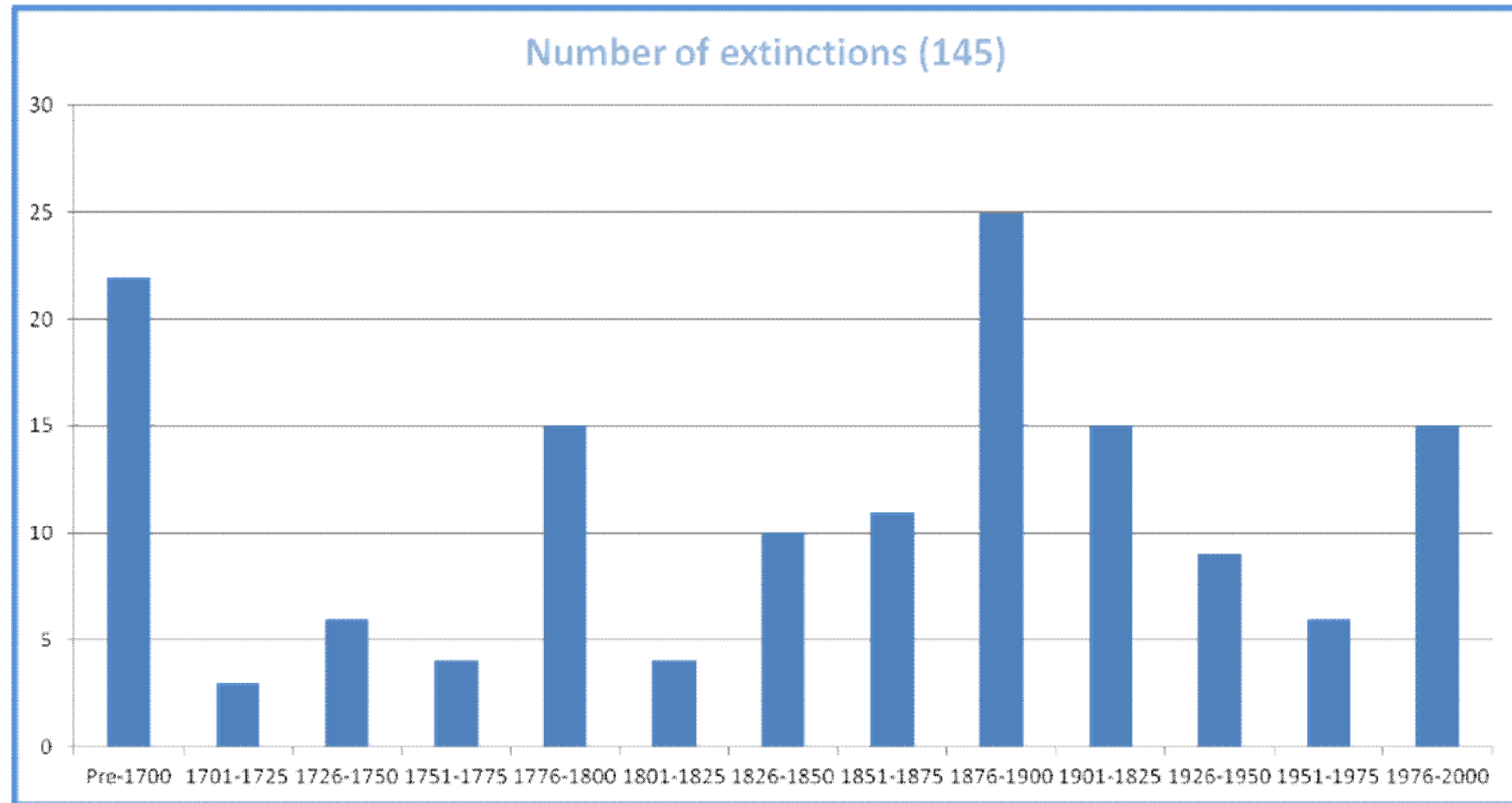
Source: IUCN and UNEP-WCMC (2012) The World Database on Protected Areas (WDPA): February 2012. Cambridge, UK: UNEP-WCMC.

The index currently incorporates data on the abundance of 555 terrestrial species, 323 freshwater species, and 267 marine species around the world. While the index fell by some 40% between 1970 and 2000, the terrestrial index fell by about 30%, the freshwater index by about 50%, and the marine index by around 30% over the same period.

Population Index = 100 in 1970



Global Extinctions of Birds



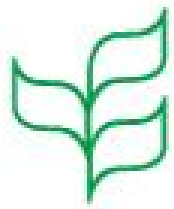


Convention on Biological Diversity

Parties to the Convention on Biological Diversity (CBD) and the Cartagena Protocol on Biosafety



Source: <http://untreaty.un.org/ENGLISH/biole/englishinternetbiole/biole.asp>



Convention on
Biological Diversity

Two significant changes in emphasis (paradigm shifts)

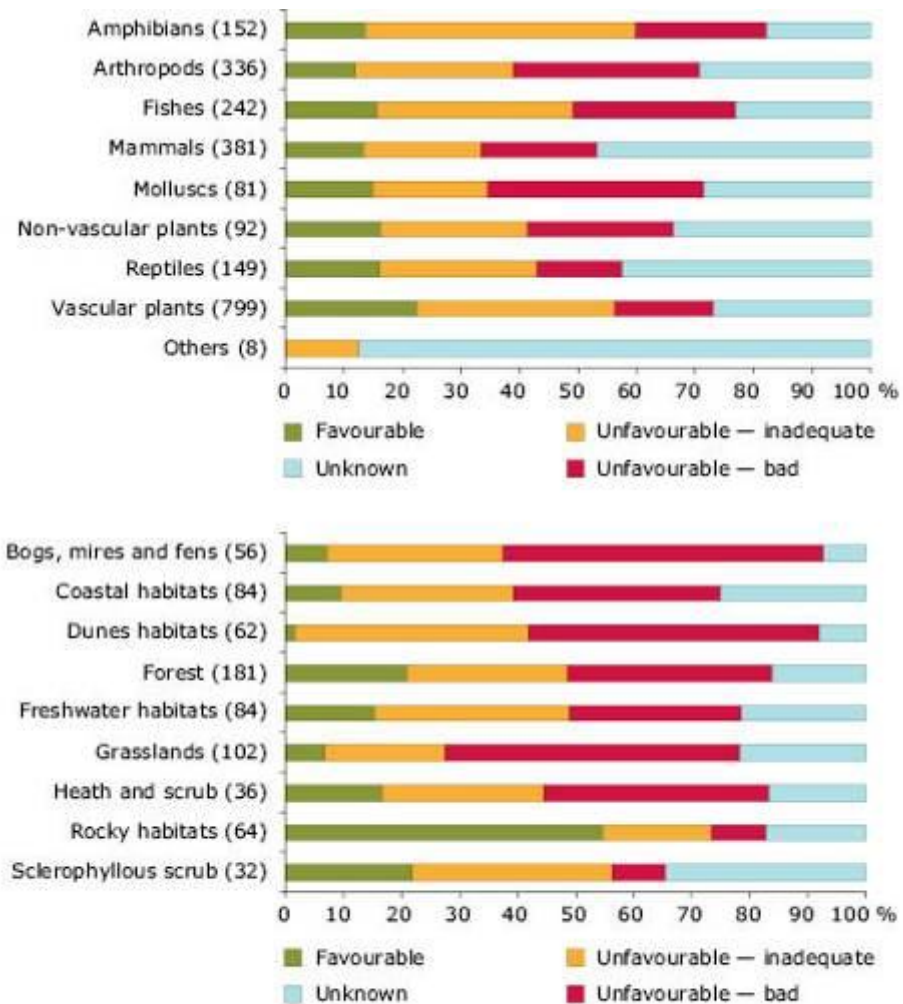
1. Conservation cannot occur within protected areas alone
2. Responsibility for conservation is cross-sectoral



2002 – CBD sought to achieve by 2010 a significant reduction of the current rate of biodiversity loss at the global regional and national levels

2006 – European Union committed to halt biodiversity loss by 2010

Threat of extinction of different taxonomic groups

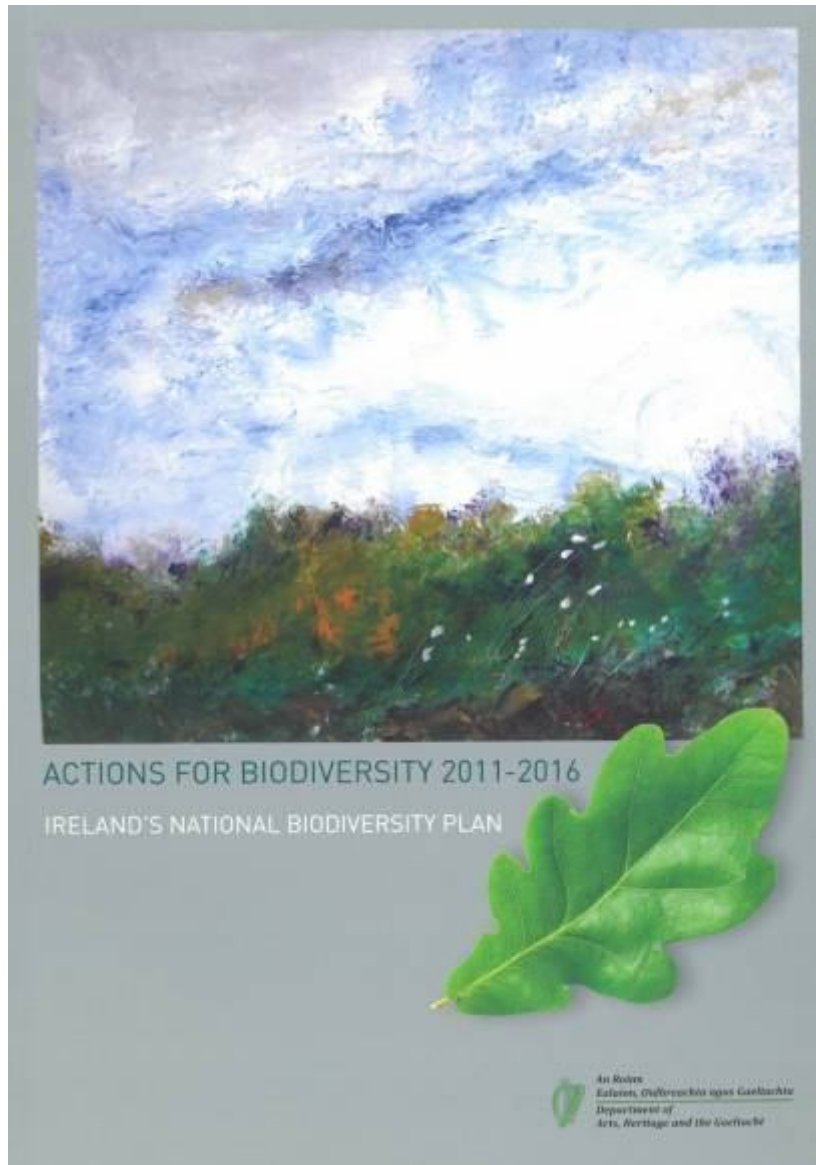


The target to halt biodiversity loss by 2010 has not been met!



New EU Action on Biodiversity

'...to halt the loss of biodiversity and the degradation of ecosystem in the EU by 2020, restore them so far as feasible.....'.



First Objective:

- Mainstream biodiversity in the decision making process across all sectors.... and
- All sectors must be engaged to ensure protection and restoration of biodiversity

Key responsibilities :

- Relevant ...State Agencies will prepare, with stakeholders, sectoral Biodiversity Action Plans in line with the aims of the National Biodiversity Plan to ensure and promote the conservation and sustainable use of biodiversity.
- Introduce a biodiversity duty on public bodies to ensure that conservation and sustainable use of biodiversity are taken into account in all relevant plans and programmes and all new legislation.

Concept of **Ecosystem Goods and Services** firmly enshrined in Action Plan

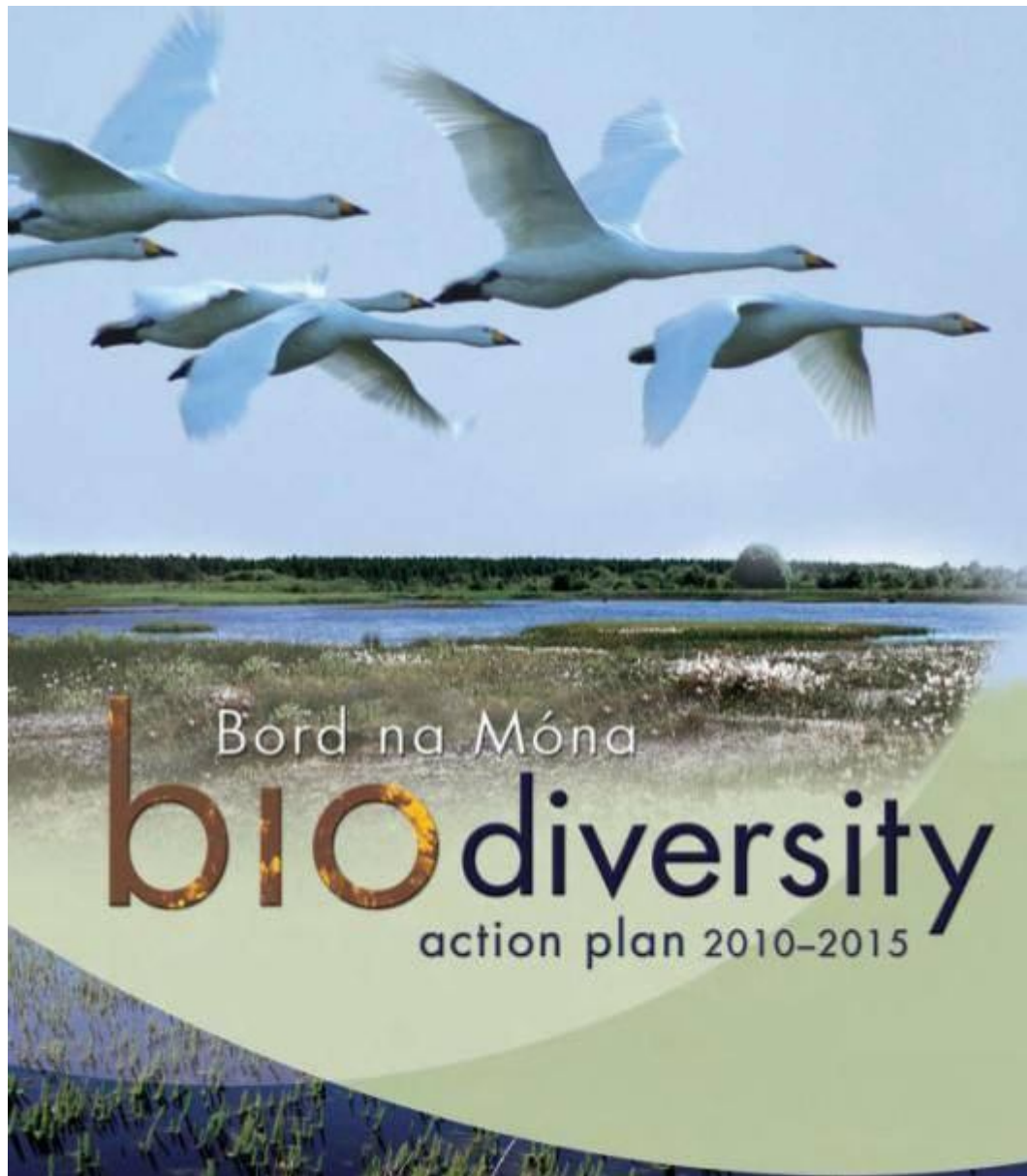
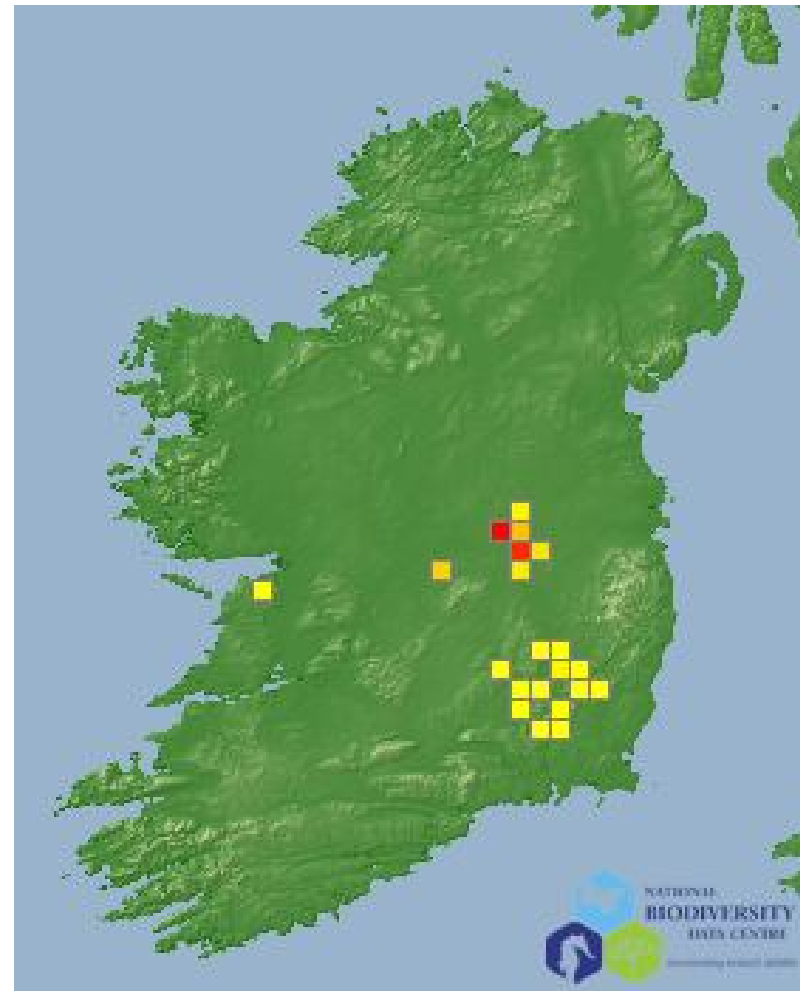




Photo: Zoe Devlin

Blue Fleabane *Erigeron acer*



Results

Erigeron acer

N489387

N489386

N488387

N489387

N488387

Date: Sep 2010

Location Name: Drumman

DataSet Title: Biodiversity records from Ireland
- general

Precision: 100m

Recorder Name: Mark McCorry

Abundance: occasional

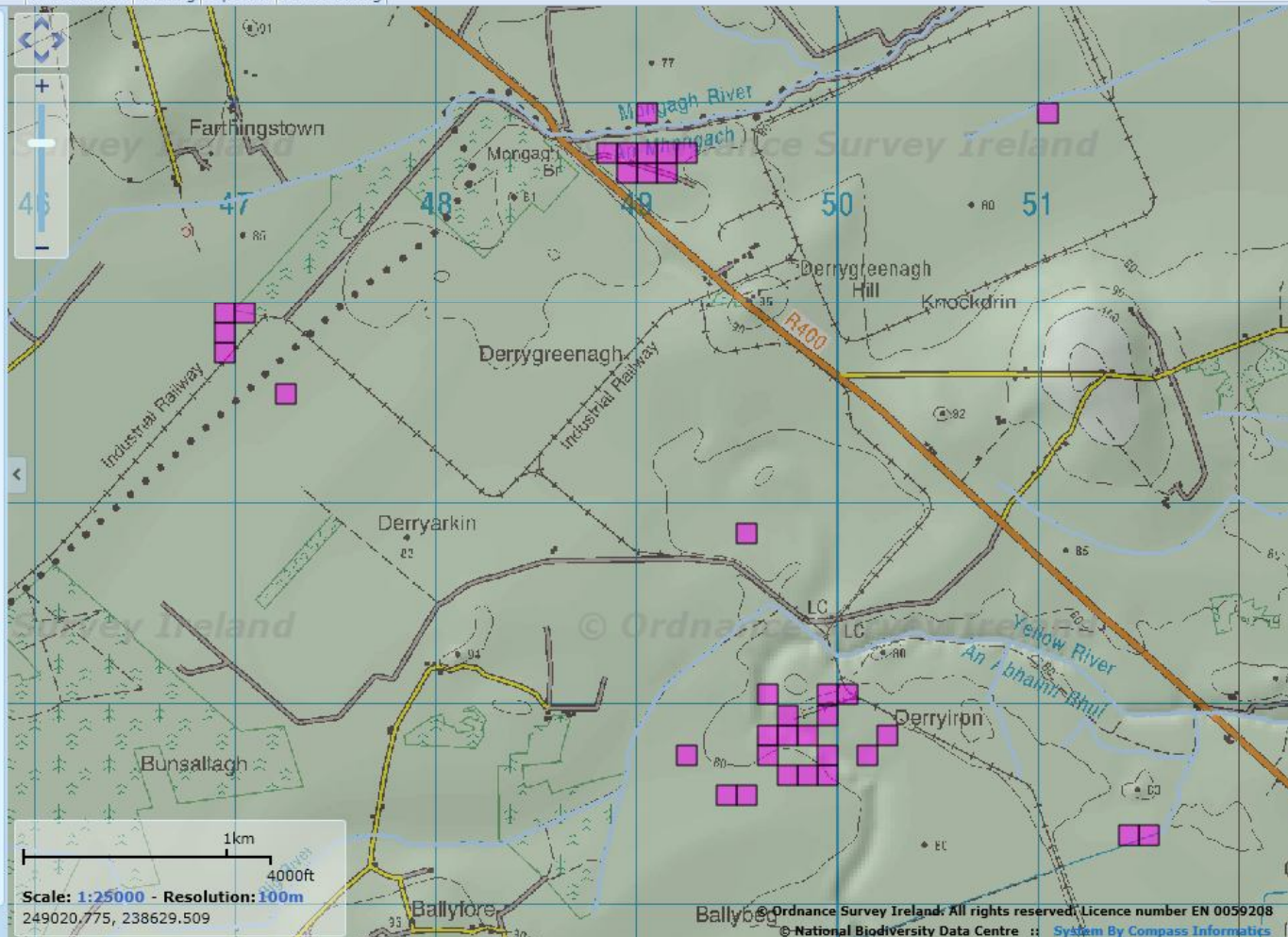
Common name: Blue Fleabane

County: Offaly

Determiner name: Mark McCorry

Habitat description: ED2 - Spoil and bare ground/ED3- Recolonizing bare ground

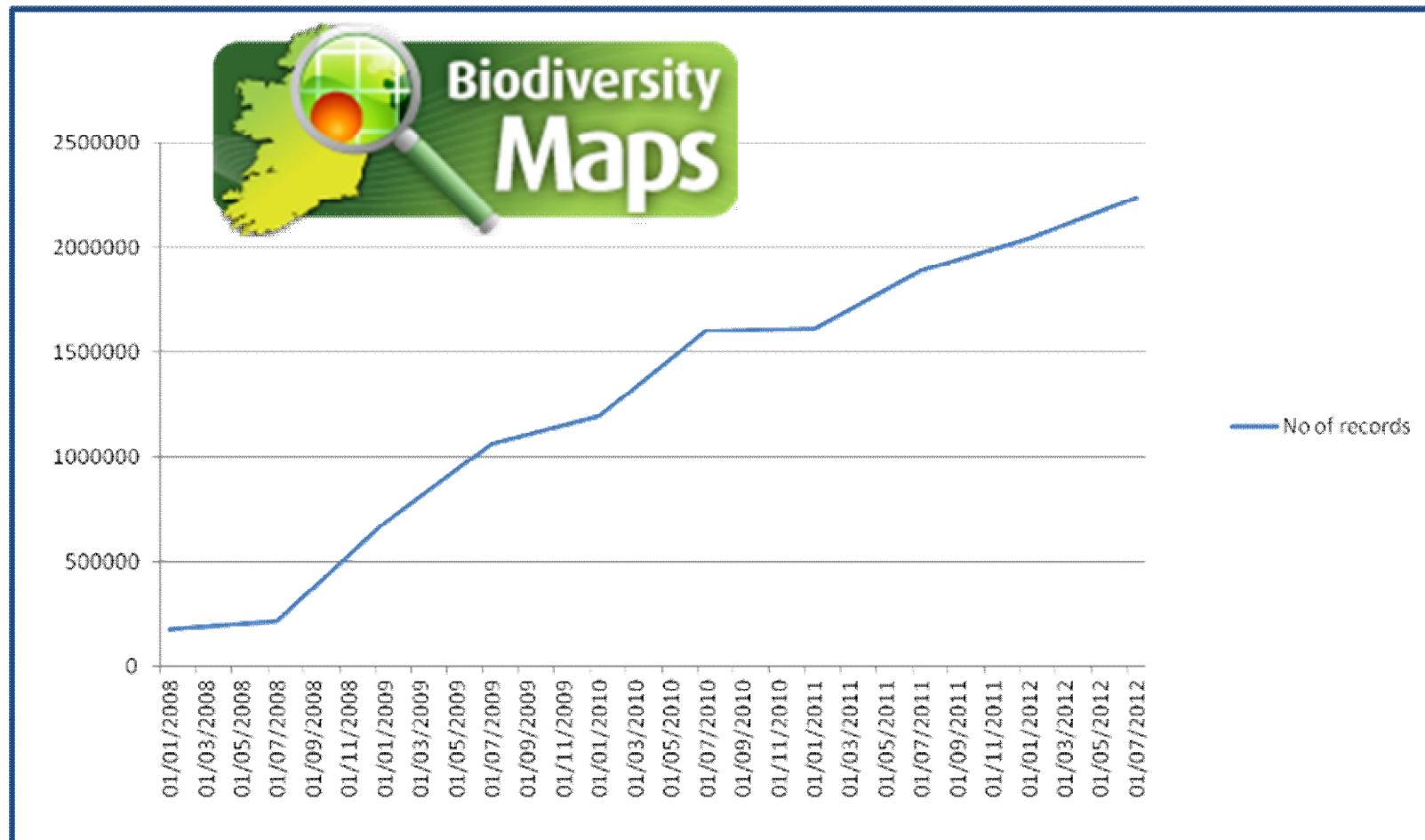
Record comment: On exposed glacial sub soil - old track



Layers Legend Results



Growth of the National Biodiversity Database since 2008





Biodiversity Maps - Map Viewer - Mozilla Firefox

File Edit View History Bookmarks Tools Help

UN Decade on Biodiversity : WA... Strava | Running and Cycling GP... forficula auricularia - Google Sea... Biodiversity Maps - Map Viewer Pollinators - Species Profiles erigeron acris - Google Search

maps.biodiversityireland.ie/#/Map

National Biodiversity data centre



Biodiversity Maps



Menu Home Analysis Search Reporting Advanced Reporting

Login

Grid Square: 10km, 2km, 1km, 100m

Specific Area: SAC, SPA, NHA, ASSI, Nature Reserve, Townland

Custom Area: Report by polygon



Layers

Mapping Mode

Standard

Coincidence

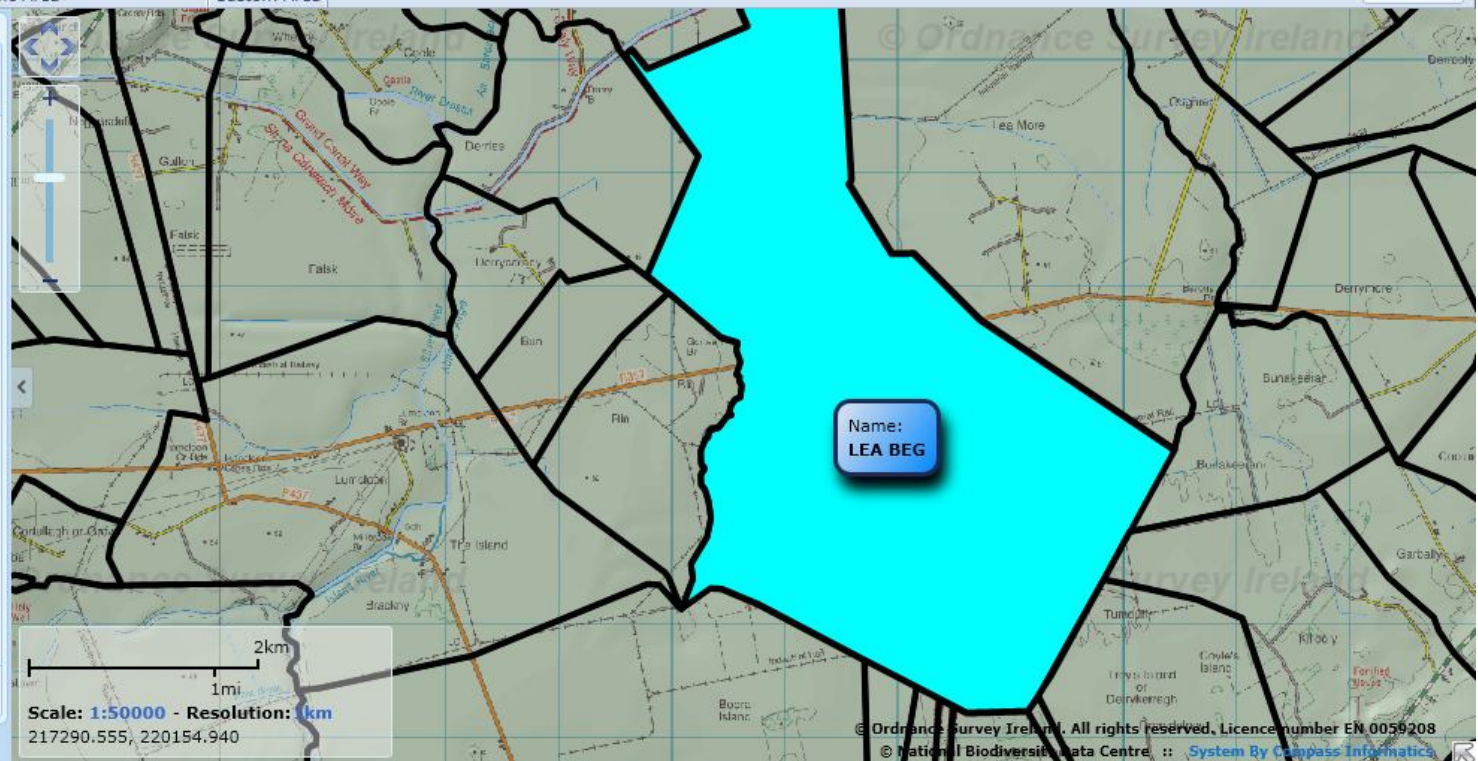
Species Layers

- ☒ Localities
- ☐ Admin Boundaries
- ☐ National Grids
- ☐ Habitats
- ☐ Bat Landscapes
- ☐ Forestry
- ☐ Protected Areas
- ☐ Transport
- ☒ Rivers & Lakes
- ☐ Geology
- ☐ Base Maps

OSi Base Map
Base Map

Filter

Layers Legend Results



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SpeciesReportByPolygon.xls [Read-Only] [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Paste Cut Copy Format Painter Clipboard Font Alignment Number Styles Cells Editing

A1

Species list for Townland 'LEA BEG'

Quality of information

The National Biodiversity Data Centre makes every effort to ensure the quality of the information available on this website and updates the information regularly. Before relying on the information on this site, however, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes. The National Biodiversity

General Species Result Terms & Conditions

Ready 100%

start BnMonaAction... BnM(18Jan201... LLysaght.pptx Biodiversity Ma... Downloads 2012WDPA_Gr... SpeciesReport... Desktop 22:58



SpeciesReportByPolygon.xls [Read-Only] [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E	F	G	H
	Feature Name	Species group	Scientific name	Common name	Record count	Date of last record	Title of dataset	Designation
2	LEA BEG	flowering plant	Acer pseudoplatanus	Sycamore	1	18/05/2012	Ireland's BioBlitz 2012	Invasive Species: Invasive Species
3	LEA BEG	flowering plant	Rhododendron ponticum		1	18/05/2012	Ireland's BioBlitz 2012	Invasive Species: Invasive Species
4	LEA BEG	terrestrial mammal	Mustela vison	American Mink	2	19/05/2012	Ireland's BioBlitz 2012	Invasive Species: Invasive Species
5	LEA BEG	terrestrial mammal	Rattus norvegicus	Brown Rat	3	19/05/2012	Ireland's BioBlitz 2012	Invasive Species: Invasive Species
6	LEA BEG	terrestrial mammal	Lutra lutra	European Otter	6	18/05/2012	Ireland's BioBlitz 2012	Protected Species: EU Habitats Directive >> Annex II Protected Species: EU Habitats Directive >> Annex IV Protected Species: Wildlife Acts
7	LEA BEG	crustacean	Austropotamobius pallipes	Freshwater White-clawed Crayfish	3	22/08/2002	Irish National Crayfish Database	Protected Species: EU Habitats Directive >> Annex II Protected Species: EU Habitats Directive >> Annex V Protected Species: Wildlife Acts
8	LEA BEG	terrestrial mammal	Pipistrellus pipistrellus sensu lato	Pipistrelle	1	18/05/2012	Ireland's BioBlitz 2012	Protected Species: EU Habitats Directive >> Annex IV Protected Species: Wildlife Acts
9	LEA BEG	terrestrial mammal	Pipistrellus pygmaeus	Soprano Pipistrelle	1	18/05/2012	Ireland's BioBlitz 2012	Protected Species: EU Habitats Directive >> Annex IV Protected Species: Wildlife Acts
10	LEA BEG	lichen	Cladonia portentosa		1	19/05/2012	Ireland's BioBlitz 2012	Protected Species: EU Habitats Directive >> Annex V
11	LEA BEG	lichen	Cladonia rangiferina	Reindeer Moss	1	19/05/2012	Ireland's BioBlitz 2012	Protected Species: EU Habitats Directive >> Annex V
12	LEA BEG	terrestrial mammal	Martes martes	Pine Marten	2	19/05/2012	Ireland's BioBlitz 2012	Protected Species: EU Habitats Directive >> Annex V Protected Species: Wildlife Acts
13	LEA BEG	terrestrial mammal	Cervus elaphus	Red Deer	1	19/05/2012	Ireland's BioBlitz 2012	Protected Species: Wildlife Acts
14	LEA BEG	terrestrial mammal	Erinaceus europaeus	West European Hedgehog	2	19/05/2012	Ireland's BioBlitz 2012	Protected Species: Wildlife Acts
15	LEA BEG	terrestrial mammal	Meles meles	Eurasian Badger	4	19/05/2012	Ireland's BioBlitz 2012	Protected Species: Wildlife Acts
16	LEA BEG	terrestrial mammal	Sciurus vulgaris	Eurasian Red Squirrel	2	19/05/2012	Ireland's BioBlitz 2012	Protected Species: Wildlife Acts

General Species Result Terms & Conditions

Ireland

Red List No. 1

Water beet



Ireland

Red List No. 2

Non-Marine



NIEA Northern Ireland
Environment Agency
www.niea.gov.uk

Ireland

Red List No. 3

Terrestrial Mammals



NIEA Northern Ireland
Environment Agency
www.niea.gov.uk

Ireland

Red List No. 5

Amphibians, Reptiles and Fish

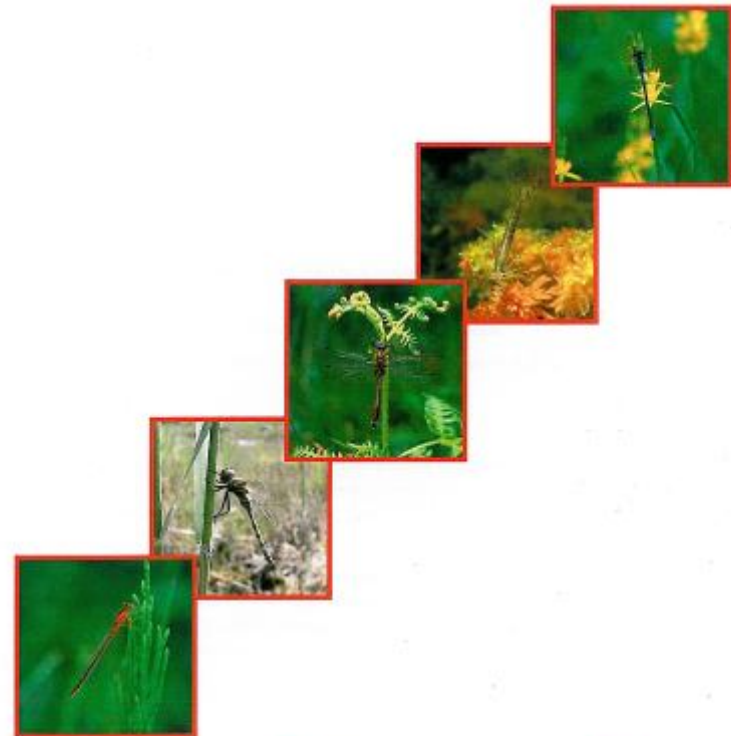


NIEA Northern Ireland
Environment Agency
www.niea.gov.uk

Ireland

Red List No. 6

Damselflies & Dragonflies (Odonata)

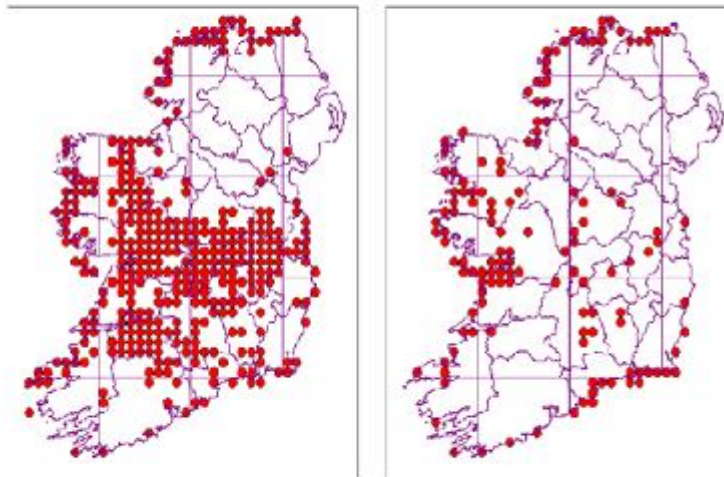


NIEA Northern Ireland
Environment Agency
www.niea.gov.uk

NORTHERN IRELAND BIODIVERSITY DATA CENTRE
www.niea.gov.uk/biodiversity

National Biodiversity Data Centre
www.niea.gov.uk/biodiversity

Department of Agriculture, Food and the Marine
www.dafm.ie



Helicella itala

Heath Snail

IUCN Vulnerable

A2c

This species has declined by over 60% in distribution since 1980, primarily within the central limestone plain of Ireland. The species was not assessed as endangered since the coastal populations appear stable. Habitat loss and changing agricultural practice in grasslands are the major contributing factors in its decline.

BioBlitz





BioBlitz



TEEB - The Economics of Ecosystems and Biodiversity - Mozilla Firefox


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Biodiversity Maps - Map Viewer Biodiversity Ireland TEEB - The Economics of Ecosystems and Biodiversity COP Decision Midflower Fleabane, Blue Irish Wild Flora...

www.teebtest.org

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Warning: Missing argument 2 for wpdb::prepare(), called in /usr/home/teebph45e3/public_html/teebweb.org/wp-content/plugins/lin_one_banner/VH/Playlist/VH/Playlist.php on line 222 and defined in /usr/home/teebph45e3/public_html/teebweb.org/wp-includes/wp-db.php on line 998




TEEB – The Economics of Ecosystems and Biodiversity

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THE TEEB FOR BUSINESS COALITION LAUNCH
Singapore, 6 November 2012

LATEST NEWS
TEEB for Business Coalition launched to shift behavior towards valuing natural capital.

NEW PUBLICATIONS
Nature and its Role in the Transition to a Green Economy.

FOLLOW US ONLINE
TEEB is on Facebook and Twitter and produces an e-newsletter. Sign up to stay informed.

SECTORIAL STUDIES
Several sectoral studies are being produced as part of TEEB's implementation phase.

SPECIAL EVENTS
Geneva, Switzerland – 4 February 2013 – Launch of TEEB Water and Wetlands Report

CALENDAR OF EVENTS

<< Jan 2013 >>

M	T	W	T	F	S	S
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

FOLLOW TEEB

TEEB Initiative
TEEB-IME

EVENTS

21/01/2013 - 26/01/2013
First meeting of the Intergovernmental Platform on Biodiversity & Ecosystem Services (IPBES-1)
Meeting aims to agree on procedures rules and next steps which IPBES programme can become...
[Plenary Chamber \(Water Plenary Hall\)](#)

29/01/2013 - 31/01/2013
CASDAAT Training
The CASDAAT programme will sensitize the participants to understand the climatic and economic risks of...
[Darevadi Learning Centre](#)

LATEST PUBLICATIONS

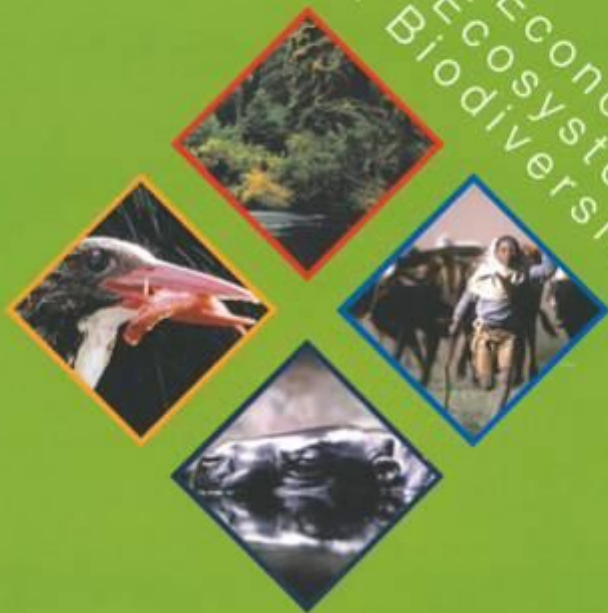
[TEEB Brochure \(pdf\)](#)

[Nature and the Green Economy \(pdf\)](#)

start

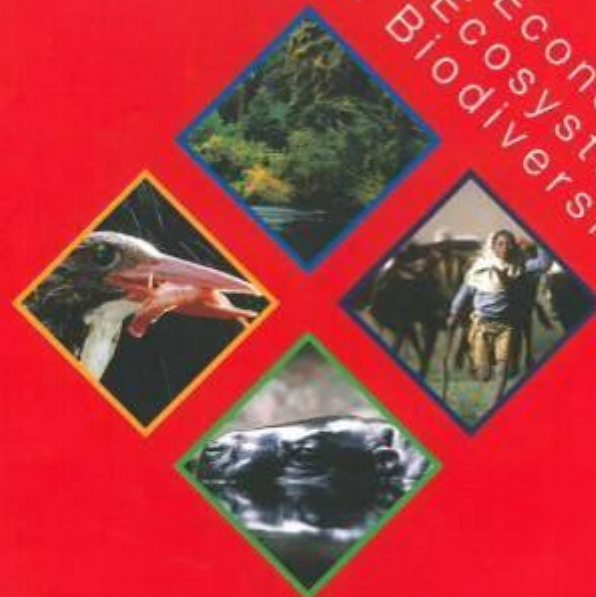
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The Economics
& of Ecosystems
& Biodiversity



MAINSTREAMING THE ECONOMICS OF NATURE
A SYNTHESIS OF THE APPROACH, CONCLUSIONS
AND RECOMMENDATIONS OF TEEB

The Economics
& of Ecosystems
& Biodiversity



TEEB FOR LOCAL AND REGIONAL
POLICY MAKERS



(Photo: Bord na Móna)