

On-line portals as a tool for gathering data

Ruud Foppen

EBBA2

European Breeding Bird Atlas



To start with.....a short inquiry

- How many of the countries present here do have an online portal suitable for atlas work?
- How many countries do have an online portal but not (yet) suitable for atlas work?
- How many of the countries do not have an online portal suitable for atlas work and want a portal?
- How many of the countries do not have an online portal suitable for atlas work and do not want a portal?

What do I mean with on-line portal?

A tool that is available by internet for digital data entry concerning (bird) records

- monitoring data
- atlas data
- opportunistic data

What is a record?

Observation of birds with:

- Species
- Number
- Place/counting area
- Time/counting time

- Counting method
- Additional information

Most successful portal use deals with opportunistic data



Portals web ICO



Visitor Anonymous

ca es en fr

Ornitho.cat homepage

The partners

Consulting

Sightings

- The past 2 days

- The past 5 days

- The past 15 days

Data and analyses

- Black Woodpecker 08-13

- Common Crane 12-13

- Hawfinch 12-13

- Great Northern Loon 12-13

- Eurasian Teal 12-13

- Great Egret 12-13

- Griffon Vulture 12-13

- Northern Lapwing 2013

- Pied Wagtail 2013

Welcome to www.ornitho.cat

My email :

☐

Store the password

My password :

Login !

[\[Taking part\]](#) [\[I have lost my password\]](#)

ornitho.cat is an Internet portal dedicated to the exchange of ornithological information in Catalonia. It is an initiative of the Catalan Ornithological Institute in conjunction with the Biodiversity Database Facility in collaboration with the Department of Environment and Housing and various local organizations.



The latest news

Monday, March 12th, 2012

avinews

Un any més ja hem encetat la migració prenupcial d'ocells, i amb aquesta es van succeïnt les primeres arribades de cada espècie. Us convidem a seguir [...]



Barcelona

Thursday, March 21st, 2013

Waxing Gibbous (9 days)

Moonrise at 13h17 and moonset at 3h08

Sun : sunrise at 06h51 and sunset at 19h05

Day : dawn at 06h24 and dusk at 19h32

Last sightings added 29 minutes ago.
There are currently 8 visitors on this website.

Latest sightings :

[XML](#)

Wednesday, March 20th, 2013

Constanti [351/557]

1 Moussier's Redstart

Tuesday, March 19th, 2013

Constanti [351/557]

1 Moussier's Redstart

Constanti [350/557]

1 Moussier's Redstart

Monday, March 18th, 2013

Constanti [351/557]

1 Moussier's Redstart

Sunday, March 17th, 2013

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EBCC
European Bird Census Council
every bird counts

birding with a purpose...



[World map](#)



[Our vision](#)



[Youth](#)



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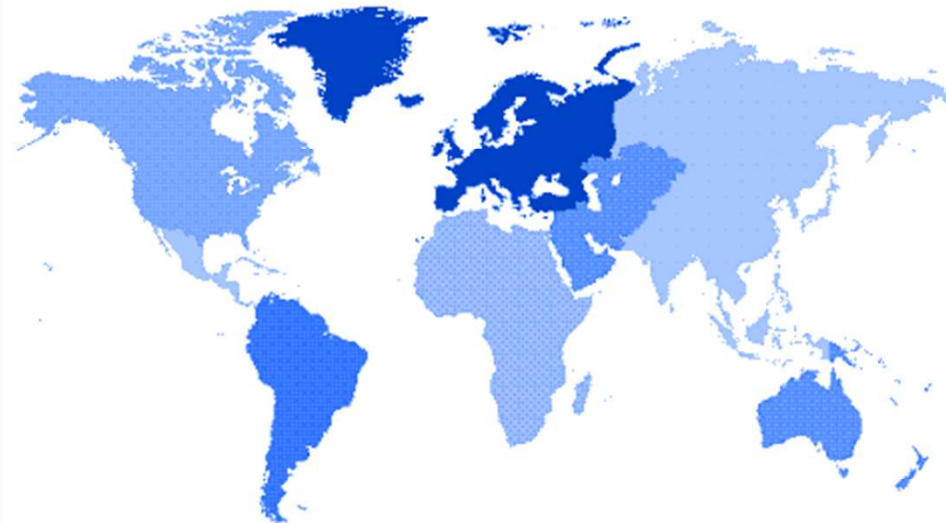


[Acknowledge](#)



English

...collecting data for the
conservation of birds worldwide



[Africa](#) [Asia](#) [Central America & Caribbean](#) [Europe](#) [Middle East & Central Asia](#)
[North America](#) [Oceania](#) [South America](#)



[Contact us](#) | [Acknowledgements](#) | Copyright BirdLife 2007

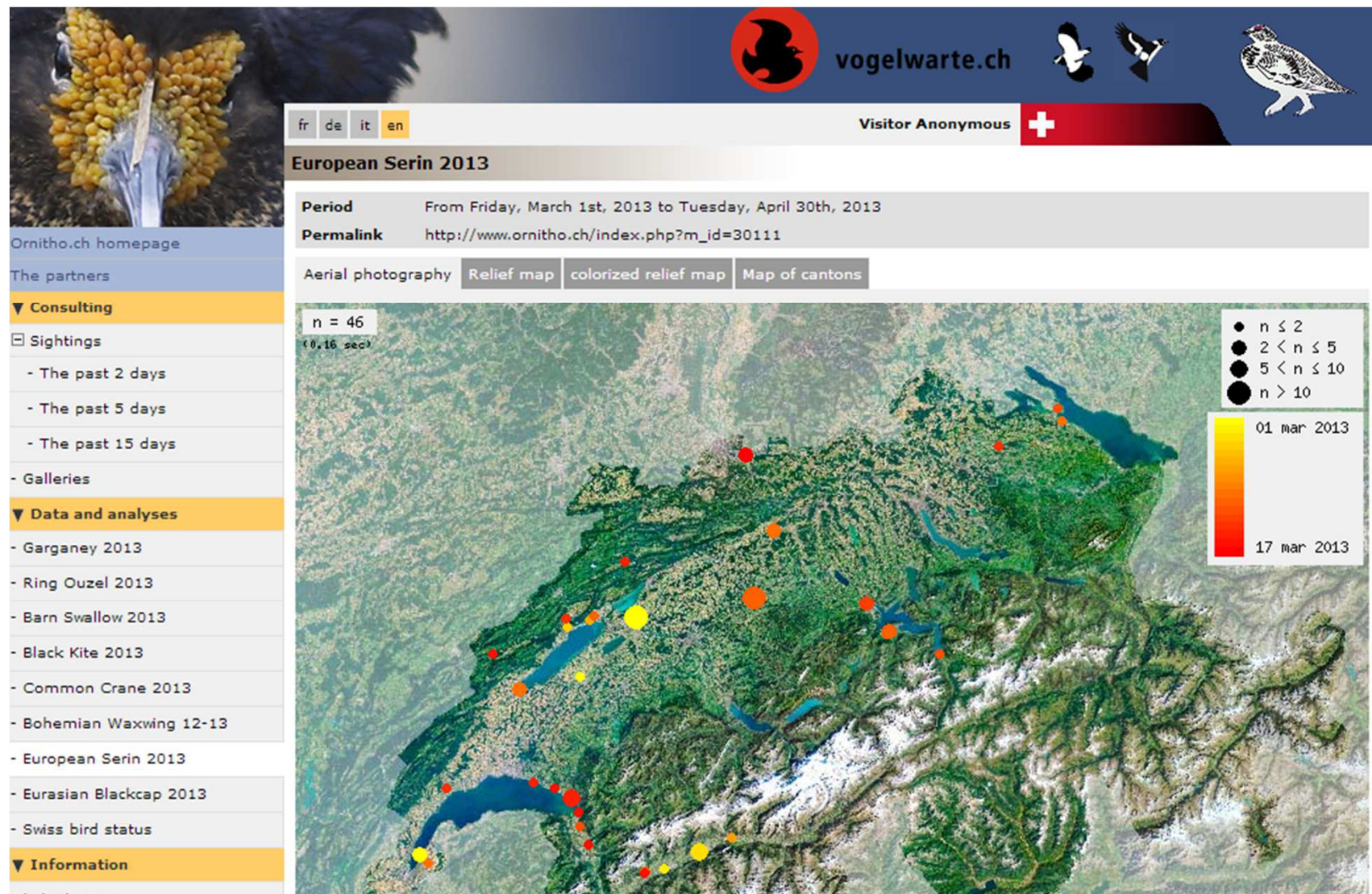
Designed by [GBC](#)

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EBCC
European Bird Census Council







Visiteur Anonym

Accueil

Oiseaux rares

Accueil Oiseaux rares

Les observations

- Les 5 derniers jours
- Les 30 derniers jours

Données et analyses

- Pélican blanc 12-13
- Buse pattue 12-13
- Mésange à longue queue (A. c. caudatus) 12-13
- Aigle criard 12-13
- Oie à bec court 12-13

Les galeries

Information

Toutes les nouvelles

Aide

- Explication des symboles
- les FAQs

Statistiques

Les liens



Buse pattue 2012 - 2013

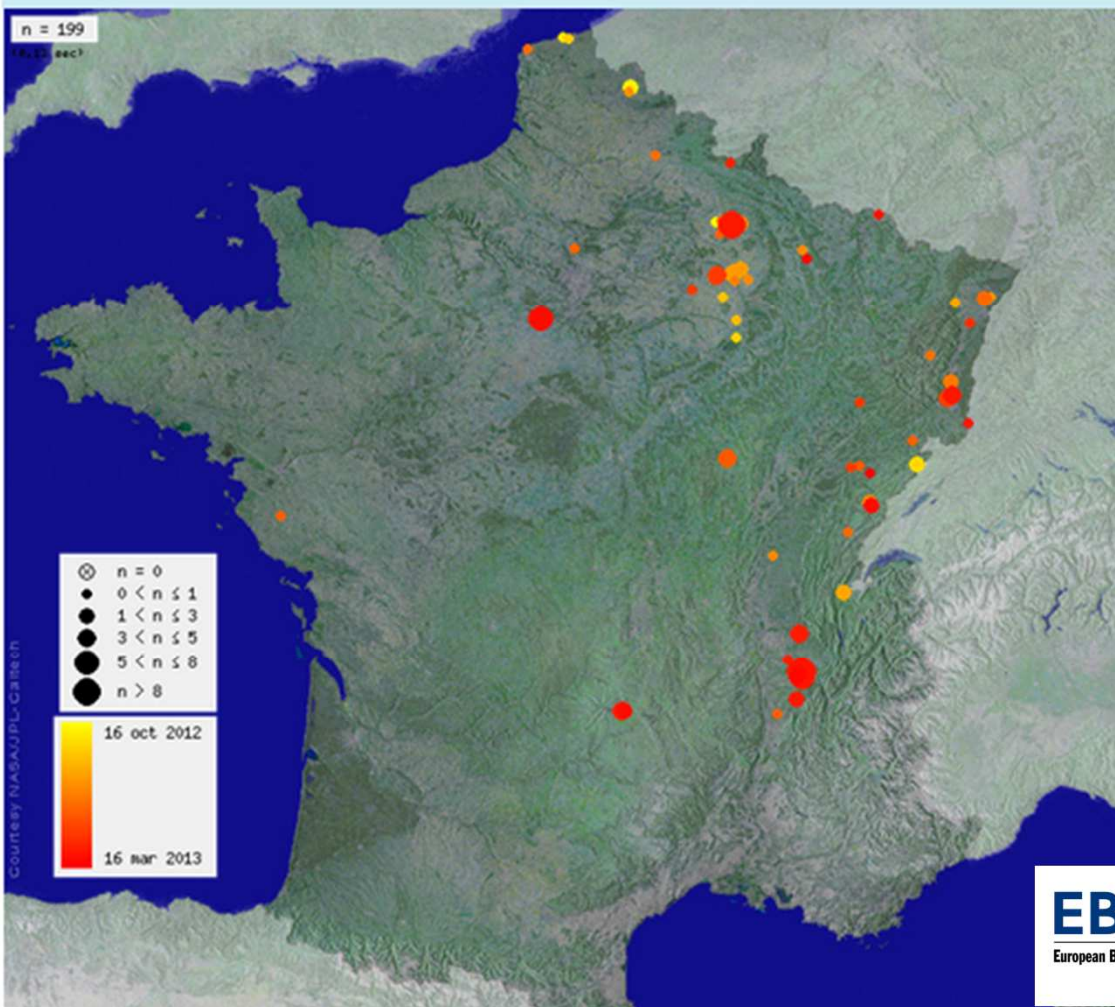
Période Du lundi 15 octobre 2012 au dimanche 31 mars 2013

Permalien http://www.ornitho.fr/index.php?m_id=30043

Photo aérienne

Carte du relief

Carte des départements



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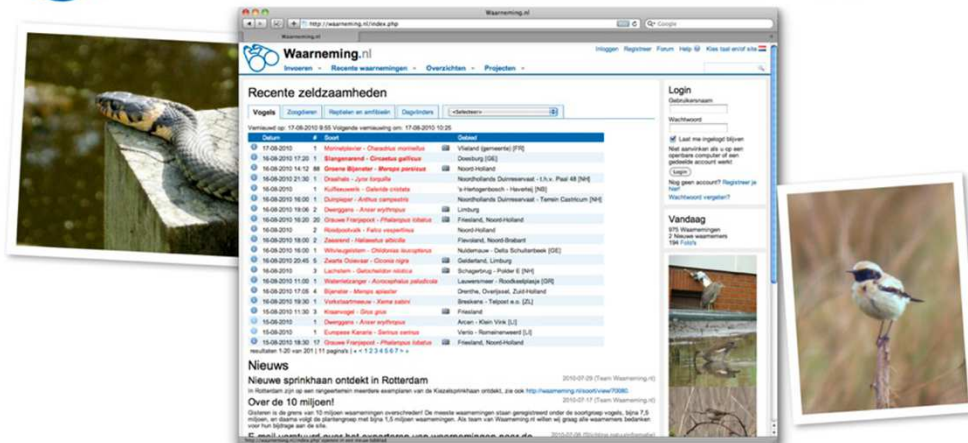


Why succes?

- Easy data entry- low threshold
- Sharing data- competition feeling
- Good feedback to observers



Waarneming.nl



>20 million observations

35,000 registered users

^ million page views / 80.000 unique visitors per month

What about atlassing?

Is it enough to collect opportunistic data?

Place-time-species = distribution



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Opportunistic data are nice and valuable, but.....

We should aim for standardization data collection

(talk of Sergi Herrando with data requirements)

Atlassing is mainly about censusing areas
There are at least four important types of information with enormous added value in comparison with opportunistic data

1. What area did you visit?

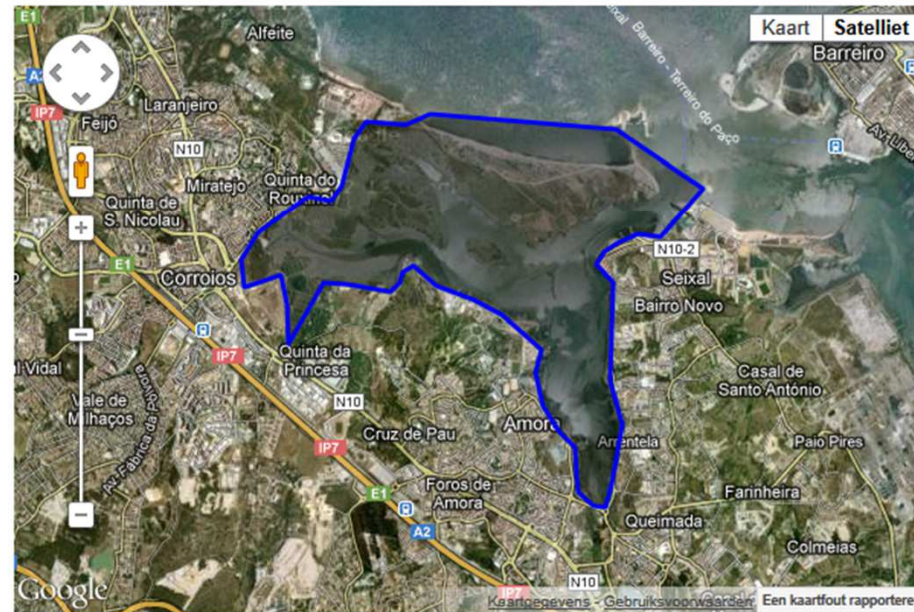
Informação sobre esta área

- Informação
- Observações
- Fotografias
- Ver lista de espécies
- Fenologia
- Estatísticas
- Tipos de utilizadores mais activos

Sapal de Corroios

Tipo: Área geográfica Estado: Activo

G. Flamingo



Informação

» Criar Itinerário através do Google Maps

Tipo Área geográfica

Activo Sim

Provincia Portugal

Últimas alterações 18-05-2010

Fotografias

Carregar a fotografia

Áreas sobrepostas

- Portugal
- Portugal- Amora

Portugal

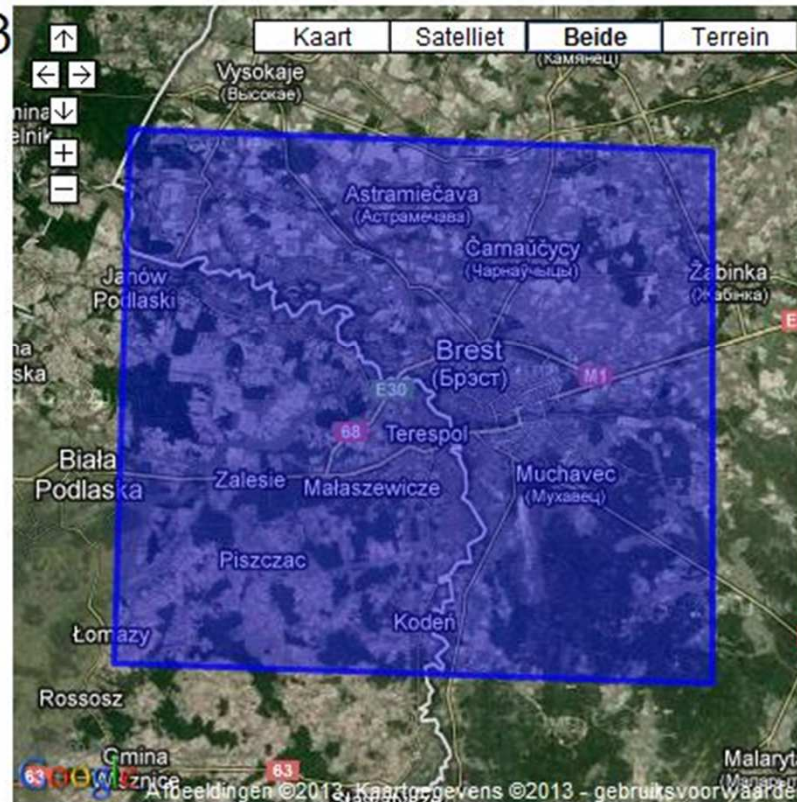
1. What area did you visit?



Ахова птушак Бацькаўшчыны

Add ▾ Observations ▾ Overviews ▾ My observado.org ▾ Re

34UFC3



Species List

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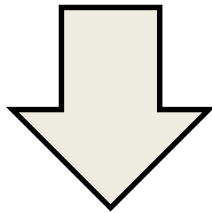
2. How much time did you spend?

3. What species did you see (and so...did not see)?

4. What breeding codes?

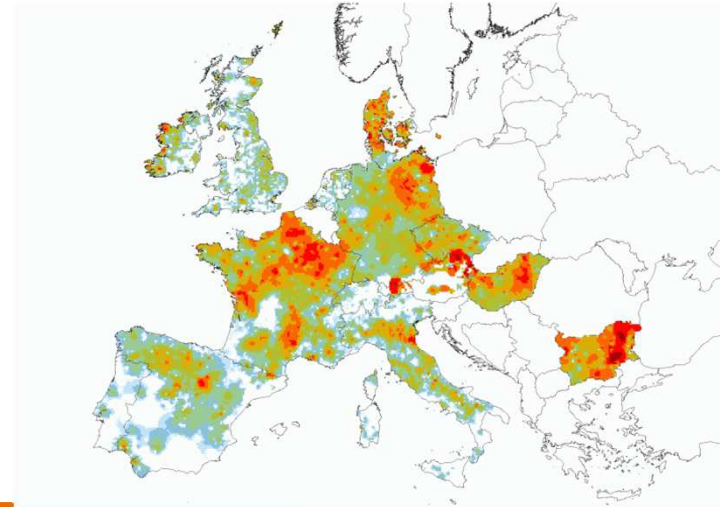
What is the added value?

controlling for effort



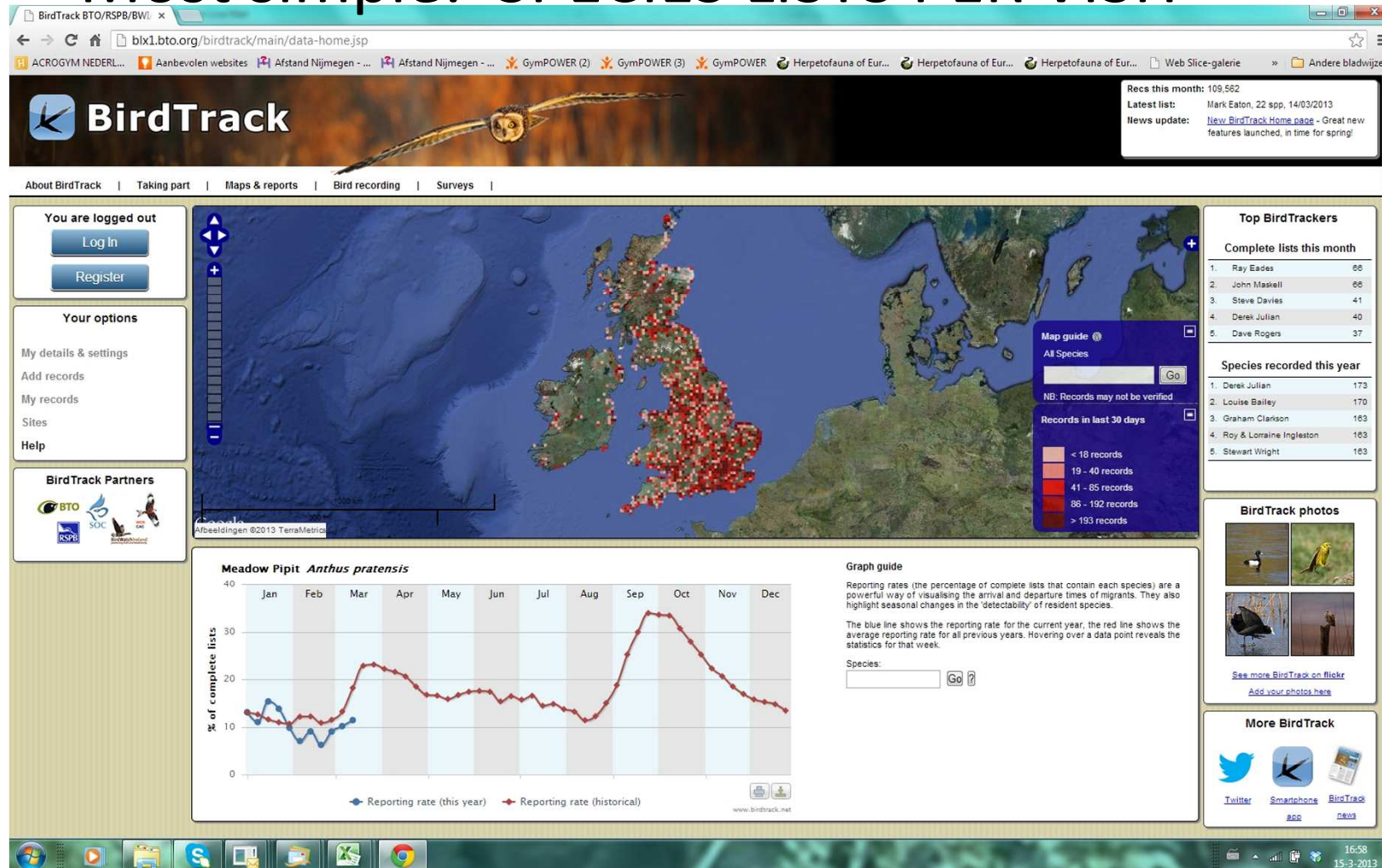
Good data for modeling

- To generate absences
- To make comparisons between sites



How can we standardize?

Most simple: SPECIES LISTS PER VISIT



How can we standardize? Strict fieldwork rules (time and method)

www.vogelatlas.nl/atlas/meedoen

Vogelatlas Sovon - Vogelon...

Meeld

Favorieten

Extra

Help

Zoeken

De

home

meedoen

Geselecteerd atlasblok

Geen atlasblok op deze locatie

Meedoen

Iedereen kan nu groengekleurde atlasblokken claimen en op die manier meewerken aan de nieuwe Atlas van de Nederlandse vogels. De eerste tellingen van het atlasproject starten vanaf 1 december. Wilt u graag meedoen, wacht dan niet te lang met claimen, voor u het weet is het atlasblok van uw voorkeur al door een ander geclaimd.

Inloggen

Overzichtskaart atlasblokken



Legenda

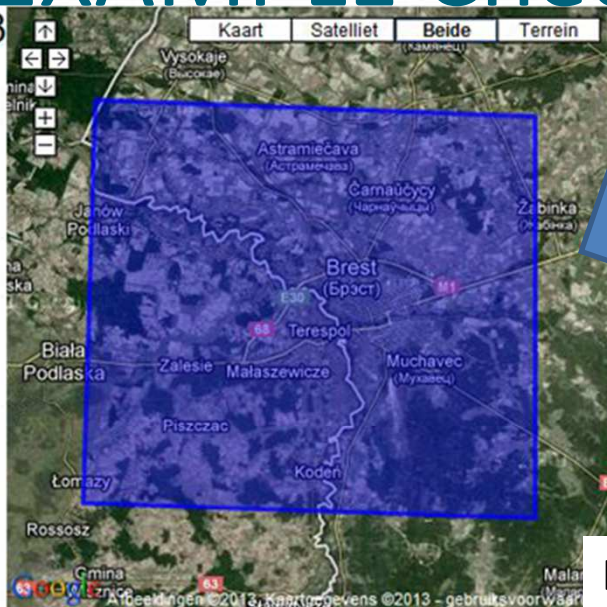


Some other features of successful dedicated atlas portals

- Has to be attractive
- Low threshold -> easy to use
- Easy data management system
- Validation procedure
- Good feedback to observers
- Hierarchical user community:
 - coordinator
 - regional coordinator
 - local bird watching group/community
 - Individual observer

EXAMPLE Checklist entry

34UFC3



SELECT
COUNTING
AREA

ENTER
COUNTING
TIME

ENTER NUMBER
AND BREEDING
CODE

species group Birds
rarity <= Relatively common
sort by ☒ Taxonomy ☐ Date 2013-03-14

EASY CREATED
CHECKLIST

start time visit hh:mm ! (are required)
end time visit hh:mm ! (are required)

Already seen by me Additional observations

No data

- 1 Common Quail - Coturnix coturnix
- 2 Black Grouse - Lyrurus tetrix
- 3 Grey Partridge - Perdix perdix
- 4 Common Pheasant - Phasianus colchicus
- 5 Grouse - Tetrastes bonasia
- 6 Green-winged Teal - Anas platyrhynchos
- 7 Northern Shoveler - Anas clypeata

<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼
<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼
<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼
<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼
<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼
<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼
<input type="checkbox"/>	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>	select breedingcode ▼

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Validation procedures

by (regional) coordinator/administrators

Admin observation validation

species group Birds

validation unknown

certain unknown

today 18/03 17/03 16/03 15/03 14/03 13/03 12/03 11/03 10/03 09/03 08/03 07/03 06/03 05/03 04/03 03/03 02/03 01/03 28/02 27/02 26/02

family All

plumage All

only pictures

species All

2013-03-19

from

USE_SCIENTIFIC_NAME_FOR_LISTBOX

rarity >= Rare

Province Alle

sort by species

OK









































Date	#	name	plumage	Activity	Area	user	Admin	Change to
19-03-2013	8	Common Crane - <i>Grus grus</i>	unknown	flying north-east	Rijkevoort - Laageindse Broek	Albert Klarenberg*14		
22-09-1982	1	Tawny Pipit - <i>Anthus campestris</i>	unknown	present	Maasvlakte	Bert van Dijk*3		
15-09-2002	1	Red-necked Phalarope - <i>Phalaropus lobatus</i>	unknown	present	Lauwersmeer - Ezumakeeg Zuid	Kees Bode		
19-03-2013	1	Middle Spotted Woodpecker - <i>Dendrocopos medius</i>	unknown	calling	Hoog Soeren - Hoog Soerensche Bossen	Martin Jansen*15		
19-03-2013	1	Middle Spotted Woodpecker - <i>Dendrocopos medius</i>	unknown	singing	Hoog Soeren - Hoog Soerensche Bossen	Martin Jansen*15		
17-03-2013	1 ♂	Middle Spotted Woodpecker - <i>Dendrocopos medius</i>	unknown	calling	Chaam - Luchtenburg	Marjo Lips*6		
16-03-2013	1	Rough-legged Buzzard - <i>Buteo lagopus</i>	unknown	present	Engelbertermolenpolder	Sanne M		
18-03-2013	1	Rough-legged Buzzard - <i>Buteo lagopus</i>	adult	flying north	Groote Peel (geheel)	Claudia van Luxemborg		
19-03-2013	1	Snow Goose - <i>Chen caerulescens</i>	unknown	present	Diepenveen - Hengforderwaarden	Piet Schermerhorn*9		
19-03-2013	1	Eurasian Treecreeper - <i>Certhia familiaris</i>	unknown	present	Laren (NH) - Westerheide	rob bekebrede*2		
11-02-2006	75	Taiga Bean Goose - <i>Anser fabalis</i>	unknown	present	Ellersinghuizenveld	Mark de Vries*2	PieterGeert Gelderblom	
14-01-2006	13	Taiga Bean Goose - <i>Anser fabalis</i>	unknown	present	Ellersinghuizenveld	Mark de Vries*2	PieterGeert Gelderblom	
14-01-2006	13	Taiga Bean Goose - <i>Anser fabalis</i>	unknown	present	Harpel	Nico de Vries*2	PieterGeert Gelderblom	
16-01-2005	1	Taiga Bean Goose - <i>Anser fabalis</i>	unknown	present	Woudbloem	Marnix Jonker*8	PieterGeert Gelderblom	
05-01-2006	5	Taiga Bean Goose - <i>Anser fabalis</i>	unknown	present	Veenhuizerstukken - Noord	Nico de Vries*2	PieterGeert Gelderblom	
15-03-2013	1	White-tailed Eagle - <i>Haliaeetus albicilla</i>	adult	hunting	De Wieden - Belterwijde	jeroen bredenbeek*8		
24-08-1984	1	Black Stork - <i>Ciconia nigra</i>	adult	present	Boven-Leeuwen - Drutensche Waarden	VWG Nijmegen e.o.*84		
14-03-2013	1	Pale-bellied Brent Goose - <i>Branta hrota</i>	adult	foraging	Broekerpolder	Leon Kelder*131		
15-03-2013	3	Pale-bellied Brent Goose - <i>Branta hrota</i>	unknown	present	Texel - De Kaai	Bernard Spaans*31		
20-02-2013	4	Pale-bellied Brent Goose - <i>Branta hrota</i>	unknown	present	Oosterscheldekering - strandje Topshuis	Mark van de Wouw		
11-10-2009	1	♂ Desert Lesser Whitethroat - <i>Sylvia curruca minula</i>	unknown	present	Texel - Robbenjager	klaas Ophoff		
15-03-2013	1	Black Brant - <i>Branta nigricans</i>	unknown	present	Texel - De Kaai	Bernard Spaans*9		
06-09-2010	1	♂ Great White Pelican - <i>Pelecanus onocrotalus</i>	unknown	present	Rhenen - Blauwe Kamer	Rob Wurster		
20-09-2006	1	Zitting Cisticola - <i>Cisticola juncidis</i>	unknown	present	Leidschendam - Leidschendammerhout	Jaap Engberts		
23-06-2012	1	♂ River Warbler - <i>Locustella fluviatilis</i>	unknown	present	Kandelaar	Pieter Boone		
15-03-2013	1	Central European Treecreeper - <i>Certhia familiaris macrodactyla</i>	unknown	calling	Doorwerth - Landgoed Duno	Erik Lam*6		
10-02-2013	1	Central European Treecreeper - <i>Certhia familiaris macrodactyla</i>	unknown	present	Ter Apel - Roelagerbosch	Marnix Jonker		
15-03-2013	1	Russian Jackdaw - <i>Coloeus monedula soemmerringii</i>	unknown	present	Oegstgeest - Rijnfront	wil aanhane		
15-03-2013	2	Russian Jackdaw - <i>Coloeus monedula soemmerringii</i>	unknown	present	Laudermarke	klaas Ophoff		
15-03-2013	2	Russian Jackdaw - <i>Coloeus monedula soemmerringii</i>	unknown	present	Laudermarke	willem hartholt		
14-03-2013	1	♂ Lesser Canada Goose - <i>Branta hutchinsii hutchinsii</i>	unknown	present	Voorhout - Polder Elsgeest - 2e Elsgeesterweg	Sibrand Rinzema		
15-03-2013	1	White-headed Long-tailed Tit - <i>Aegithalos caudatus caudatus</i>	adult	foraging	Lelystad - Boeier	Arend de Jong		
15-03-2013	1	White-headed Long-tailed Tit - <i>Aegithalos caudatus caudatus</i>	unknown	foraging	Ruurlosche Broek	Joost Bus		
15-03-2013	1	Bufflehead - <i>Bucephala albeola</i>	unknown	present	Oude Maas - oost	Cornelis Fokker*3		
23-04-2011	1	♂ Spotted eagle - <i>Aquila pomarina/clanga</i>	unknown	present	Vliegveld Valkenburg (ZH)	Bas vd Burg	CDNA	

Validation automated procedures

Autovalidation parameters

query Birds All >= Common

☐ only with photos ☐ only with sounds ☐ order by scientific name

name	Scientific name	radius	Minimum number of references	number	REFERENCES_FROM_DAYS	group	family	
Arctic Loon	<i>Gavia arctica</i>	1000 m	2	2	20	Birds	Loons (Gaviidae)	 
Atlantic Murre	<i>Uria aalge</i>	500 m	2	10	30	Birds	Auks (Alcidae)	 
Barn Owl	<i>Tyto alba</i>	500 m	2	10000	1000	Birds	Barn Owls (Tytonidae)	 
Barred Warbler	<i>Sylvia nisoria</i>	1000 m	1	3	3	Birds	Sylviid Babblers (Sylviidae)	 
Black Stork	<i>Ciconia nigra</i>	1500 m	1	10	10	Birds	Storks (Ciconiidae)	 
Black Woodpecker	<i>Dryocopus martius</i>	2500 m	1	4	1000	Birds	Woodpeckers (Picidae)	 
Black-tailed Godwit	<i>Limosa limosa</i>	1000 m	2	500	30	Birds	Sandpipers and allies (Scolopacidae)	 
Black-throated Diver	<i>Gavia arctica</i>	1000 m	2	2	20	Birds	Loons (Gaviidae)	 
Black-throated Loon	<i>Gavia arctica</i>	1000 m	2	2	20	Birds	Loons (Gaviidae)	 
Blue Tit	<i>Cyanistes caeruleus</i>	500 m	1	10000	1000	Birds	Tits (Paridae)	 
Bohemian Waxwing	<i>Bombycilla garrulus</i>	1000 m	1	10000	20	Birds	Waxwings (Bombycillidae)	 
Cetti's Warbler	<i>Cettia cetti</i>	1000 m	1	4	300	Birds	Cettia warblers and allies (Cettiidae)	 
Common Blackbird	<i>Turdus merula</i>	500 m	1	100	1000	Birds	Thrushes (Turdidae)	 
Common Coot	<i>Fulica atra</i>	500 m	2	10000	1000	Birds	Rails (Rallidae)	 
Common Crane	<i>Grus grus</i>	2000 m	1	1000	365	Birds	Cranes (Gruidae)	 
Common Guillemot	<i>Uria aalge</i>	500 m	2	10	30	Birds	Auks (Alcidae)	 
Common Kestrel	<i>Falco tinnunculus</i>	500 m	2	10000	1000	Birds	Caracaras and Falcons (Falconidae)	 
Common Kingfisher	<i>Alcedo atthis</i>	500 m	2	10	1000	Birds	Kingfishers (Alcedinidae)	 
Common Moorhen	<i>Gallinula chloropus</i>	500 m	2	10000	1000	Birds	Rails (Rallidae)	 
Common Murre	<i>Uria aalge</i>	500 m	2	10	30	Birds	Auks (Alcidae)	 

results 1-20 of 67 | 4 pages | « < 1 2 3 4 > »

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Validation: e.g. picture controle

Waarneming.nl
Add ▾ PRO ▾ My waarneming.nl ▾ Observations ▾ All species ▾ Pics & sounds ▾ Geography ▾

Photos


MAXIMUM 100 RECORDS
shows all photo's of 1 observation added today

rarity ▾ >= Common ▾
species group ▾ Birds ▾
date ▾ 2013-03-18 ▾
species ▾ All ▾
family ▾ All ▾
Alle ▾


OK

page 1 next 50

1




Talga Bean Goose
Anser fabalis
31-01-2011 Pieter Bruijsten
Kraaijenbergse Plassen - De...
extern J



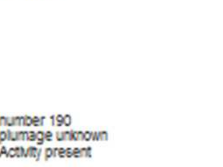
number 3
plumage unknown
Activity present

Talga Bean Goose
Anser fabalis
31-01-2011 Pieter Bruijsten
Kraaijenbergse Plassen - De...
extern J

2




Pied Avocet
Recurvirostra avosetta
16-03-2013, Bram Brinkman
Stellendam - Buitenhaven
extern N




number 190
plumage unknown
Activity present

Pied Avocet
Recurvirostra avosetta
16-03-2013, Bram Brinkman
Stellendam - Buitenhaven
extern N



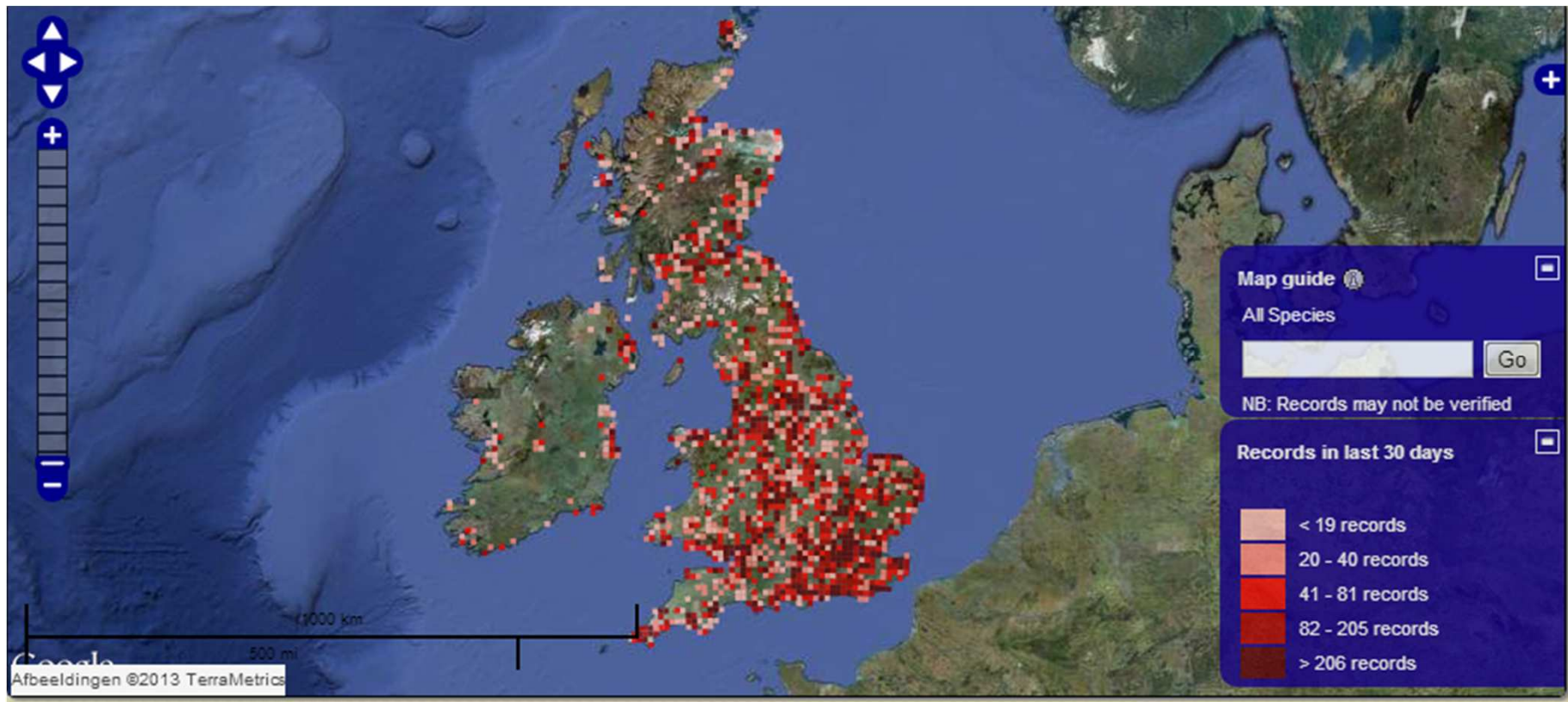
number 1
plumage unknown
Activity tracks

Blue-and-yellow Macaw
Ara ararauna
17-03-2013, Bart van Hoogst...
Nijmegen - Kolping, Muntweg
extern J



Blue-and-yellow Macaw
Ara ararauna
17-03-2013, Bart van Hoogst...
Nijmegen - Kolping, Muntweg
extern J

Give feedback: maps



Give feedback: personal scores- competitive elements

Top BirdTrackers		
Complete lists this month		
1.	Ray Eades	91
2.	John Maskell	79
3.	Steve Davies	74
4.	Graham Uney	55
5.	Peter Kirk	54
Species recorded this year		
1.	Derek Julian	176
2.	Louise Bailey	171
3.	Graham Clarkson	167
4.	Stewart Wright	164
5.	Roy & Lorraine Ingleston	163

Give feedback: 'observer' dashboard

Totaaloverzicht van wintervogeltellingen voor 46-12

Aantal soorten waargenomen tijdens het atlasonderzoek: **69**

Aantal soorten met aantalsschatting: ter plaatse **78** , overvliegend **0**

Notes bij maken definitieve schattingen

- Voor schaarse en zeldzame soorten (met *) is een schatting verplicht. Weet u het **echt niet** kies dan de klasse "P".
- Voor algemene soorten is een schatting niet verplicht en hebben we de klasse "P" al voor u ingevuld. Het is echter wenselijk als u ook voor die soorten een schatting kunt maken, maar alleen als u die voldoende betrouwbaar acht.

Ter referentie zijn de volgende kolommen weergegeven, aantallen hebben betrekking op de winter van 2012-2013:

- Aantal soorten in Waarneming.nl en/of Telmee.nl in de winter van 2012-2013: **69** (maximum).
Klik op het getal voor meer info, berekend aantal is de som van de gemiddelde aantallen per km-hok.

Schattingen zijn doorgestuurd
op 10-03-2013

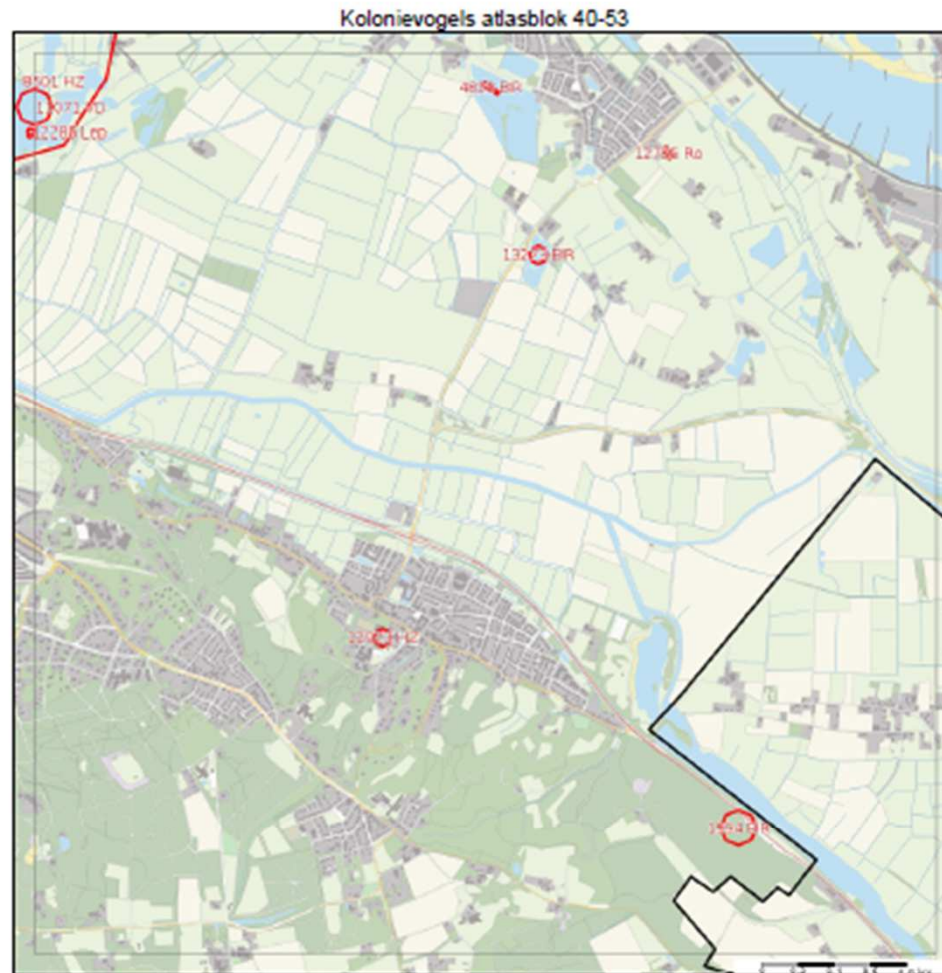
Opnieuw doorsturen

#	Soort	Wrn.nl Telmee	12	23	25	32	34	41	43	54	aanv. waarn.	schatting		
1.	Dodaars *	1									✓	A: 1-3	schatting	kaart
2.	Fuut *	3									✓	B: 4-10	schatting	kaart
3.	Aalscholver	1				✓					✓	C: 11-25	schatting	kaart
4.	Grote Zilverreiger *							1			2	A: 1-3	schatting	kaart
5.	Blauwe Reiger *					1		4			✓	B: 4-10	schatting	kaart
6.	Toendrarietgans	♣									100	E: 51-100	schatting	kaart
7.	Kolgans	♣									2500	I: >1000	schatting	kaart

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Give feedback: 'observer' dashboard

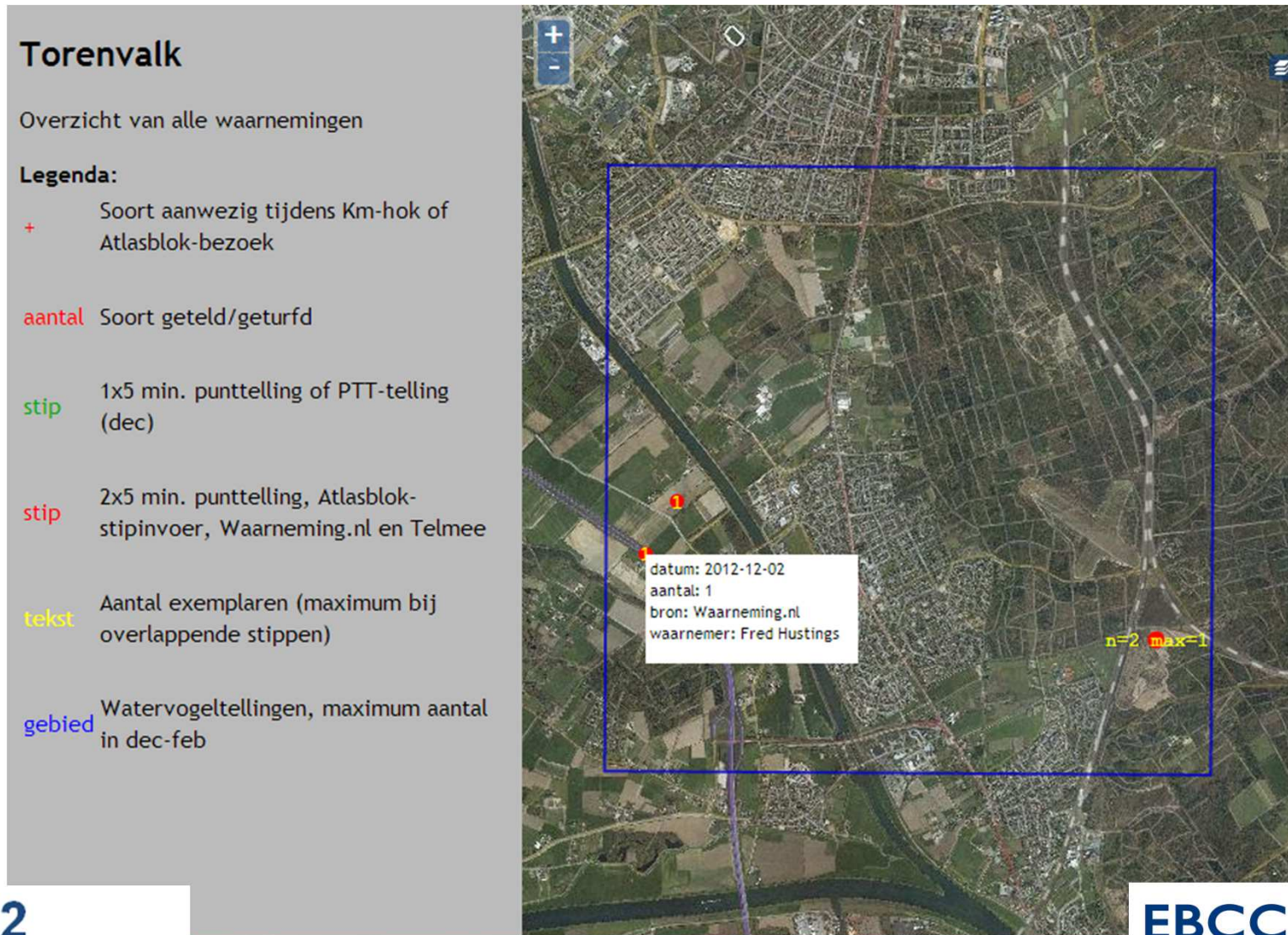


Kolnr.	Kolonienaam	Soortnaam	2010	2011	2012	afl
1994	Duivelsberg, Beek - Ubbergen	Blauwe Reiger	aanw	aanw	aanw	BIR
4823	Circul Jonkmanshof	Blauwe Reiger	aanw	aanw	ng	BIR
8501	Oude Waal	Huiszwaluw	aanw	aanw	ng	HZ
11071	Oude Waal Nijmegen	Visdief	ng	ng	ng	VD
-----	Oude Waal, Ooipolder, Nijmegen	Lepelaar	aanw	0	0	Lep
-----	De Wigen, Struikenweg, Ooipolder	Roek	ng	aanw	ng	Ro
-----	Beek (Gld), De Geest 2	Huiszwaluw	aanw	aanw	aanw	HZ
-----	Volj, Leuthse straat/Sint Hubertusweg	Blauwe Reiger	ng	ng	aanw	BIR

EBBA2

European Breeding Bird Atlas

Give feedback: 'observer' dashboard



Advice

Before designing 'own' portal check out existing portals (www.birdtrack.org, www.ornitho.xxx, www.ebird.org, www.waarneming.be, and many others

- as inspiration
- as potential custom made national portal (e.g. www.observado.org)

Discussion and questions

- informative questions
- we want to know your questions and desires for a portal if you have none
- ????