## Validation as a tool for succesful butterfly recording



### **Albert Vliegenthart**



## We are all observers

- Private / hobby or professional
- Inventory
- Projects
- Fun

• How do you handle your data?



## **Gathering information**

- Inventories
- Projects
- Research
- Fieldwork
- Database

## National Database Flora & Fauna

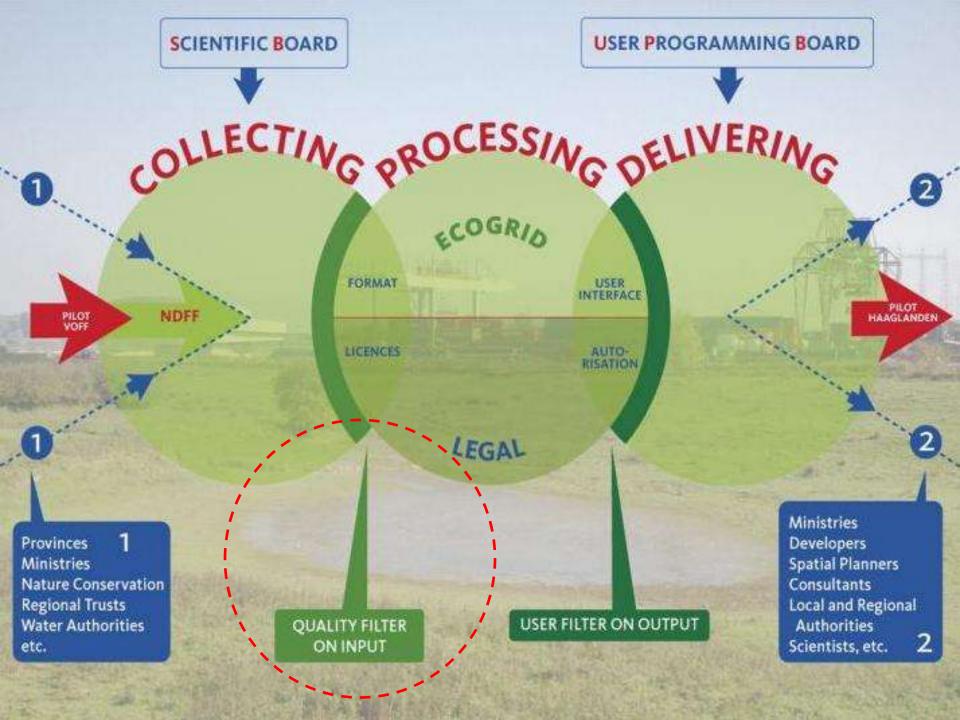
Records: different people Input: different portals

NDFF





52.000 K









C

## Automatic validation engine

Verification by expert knowledge fitted in rules

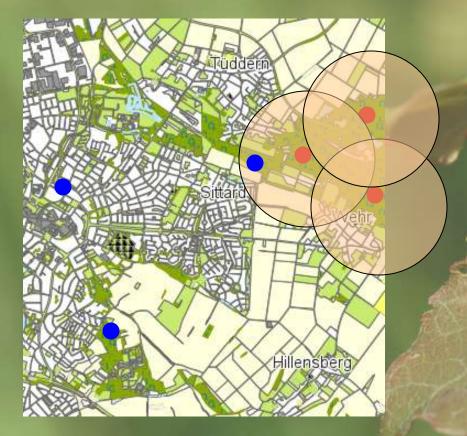
Geo-location, known populations

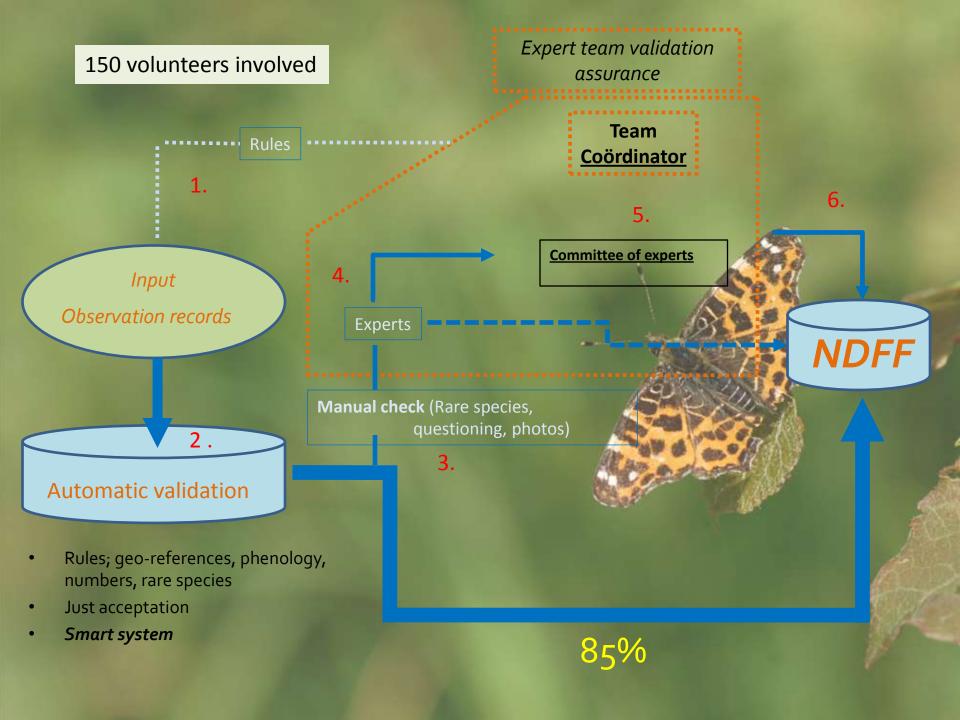
Black woodpecker

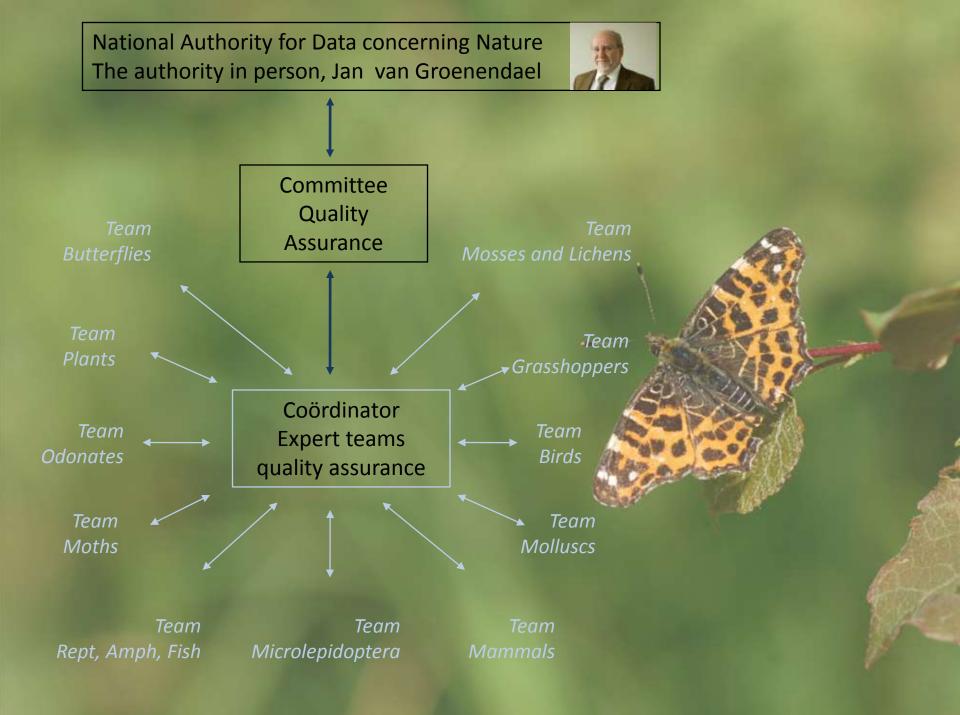
References

New record

Judgement based on distance, habitat and timescale









### Nationale Databank Flora en Fauna Validatieportaal

C Gegevensautoriteit Natuur.

Vereniging Onderzoek Flora en Fauna

Waarneming.nl

VOFF

R

#### Soortinformatie Uitloggen Forum Home

#### Beheerfuncties

soortgroep
alle soortgroepen 🗨
regio
Nederland 🗨
project
alle projecten
alleen met foto
wetenschappelijke namen
aantal per pagina: 100 💌
wijzig
Waarnemingen zoeken

Foto's beoordelen

soort	te behandelen (alle)	in behandeling (alle)	in behandeling (zelf)	navraag ontvangen (zelf)	afgehandeld (alle, 1 week)
amfibieën	5	431	0	0	536
dagvlinders	15	361	143	3	220
grote kreeftachtigen (kreeften, krabben, garnalen)	875	6	0	0	0
kevers	6838	47	0	0	0
kevers	6838	47	0	0	0
korstmossen	0	1	0	0	5
libellen	4573	187	16	0	958
libellen	4573	187	16	0	958
microlepidoptera	9769	27	1	0	0
mossen	4	7	0	0	35
nachtvlinders	22336	345	3	0	32
paddenstoelen	12573	3	0	0	0
reptielen	801	46	0	0	27
slakken	1	0	0	0	0
sprinkhanen en krekels	768	22	1	0	2
vaatplanten	49210	1949	0	0	2646
vissen	349	89	0	0	1140
vogels	7083	169	0	0	44
weekdieren	833	7	0	0	0
zoogdieren	1718	228	0	0	42
klik op een soortnaam om	klik op een aantal on	n de lijst te bekijken			

de gegevens per

taxonomische indeling te

overzicht lijst

bekijken

🧶 🌔	Icarusblauwije Polyommatus icani		55233477 *	0
waarnemer ingevoerd door beheerder waarneming	waarnemers Natur waarnemers Natur waarnemers Natur	arkalender 🔛		+ 0:0e -
geteld aantal stadium / sekse datum en tijd	levend exemplas 1 (exact aantal) imago (adult) di 27 maart 2012	sekse	onbepaald	
locat/enaam type	SILVOLDE 1000m hok RD:	lon: 6.3897482 x: 224000 y: 435000	lati 51.8991016	"Darallel
determinatie bewijs	gezien geen			1.
status beoordeling referentie	te beoordelen vrij onwaarschijnlij nee	k		Google
invoerportaal bron invoerdatum identiteit	telmee.nl bron Landkaartje 27-03-2012 http://ndff.nl/telm		/55233477	o Barne Ede



$\checkmark$	
opmerking toevoegen	overdragen
andere soort voorstellen	navraagfomulier
andere rang voorstellen	verstuur naar commissie
beoordelen	verwijder uit takenlijst

#### Andere soort voorstellen

soortgroep:	dagvlinders 💌 meer groepen
soortnaam:	💿 wetenschappelijk 📀 Nederlands
zoek op:	🔘 beginletters 🛛 🔍 deel van naam
soort:	Celastrina argiolus

Beste waarnemer, icarusblauwtje vliegt nog niet. Het enige blauwtje dat nu gezien wordt is het <u>boomblauwtje</u>. Vriendelijke groet, Albert Vliegenthart

	_	-	_	-	_
- 1			$\sim$	12	
- 1			U	r.	

×

Log datum naam type	UK //	Vriendelijke groet, Albert Vliegenthart						
datum naam type			Log					
	type	naam	datum					
27-03-2012 Albert Vliegenthart in behandeling genomen	in behandeling genomen	Albert Vliegenthart	27-03-2012					
27-03-2012 resultaat automatische validatie	resultaat automatische validatie		27-03-2012					
buiten periode		de	buiten perio					

Image: State Stat												
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	1	<ul> <li>Image: A second s</li></ul>	grote vos	24-03-2012	1	imago (adult) onbepaald	0	Ospel Noordhoeve	Piet van Nieuwenhov	en 🖁		
	2	<b>~</b>	grote vos	25-03-2012	1	imago (adult) onbepaald	0	Ospel Noordhoeve	Piet van Nieuwenhov	en 📓		
	з	<ul> <li>Image: A second s</li></ul>	grote vos	26-03-2012	1	imago (adult) onbepaald	0	Ospel Noordhoeve	Piet van Nieuwenhov	en		
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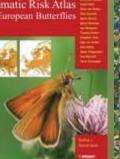
gevalideerd

## Reliable data, how can you use it?

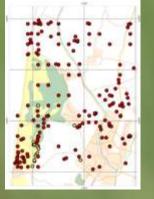


**Constructors: Flora and Fauna check!** Companies, Communities, Water boards and Governments can register









Research, Atlas, Distribution and knowledge



**Opportunities Estimations Discovering new areas** 

## International scale

**NDFF** 

www.observado.org

Public

Personal Achive

www.telmee.nl

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Vy Waarnemingen Soortinfo	ormatie FAQ	Help Over Telmee Forum	n Vitloggen	A .			= = = 0	* =
aarnemingen gen mappen 💽   🥓 🏛   🔱	Griekenland wa	nthart   Griekenland waarnem arnemingen 🗍 <10- vorige <b>1 2 3 4</b> volg		verplaats )0+> laat			antal per pagina: 1	6 💌 wijzi
🕅 🗐 🍘   🗖 🏹   🖉 🖫   🥹	78486 6	soort VA wet			stadium / sekse	plaats		
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	14 🕅 🖾	Lantaarntje	26-4-11	+	imago (adult)	XY	Samos	2
	15 🕅 🖂	Bruine korenbout	26-4-11	1	imago (adult)	×Y.	Samos	4
	16 📃 🔛	Bruin blauwtje	26-4-11	1	imago (adult)	×Y	Samos	6

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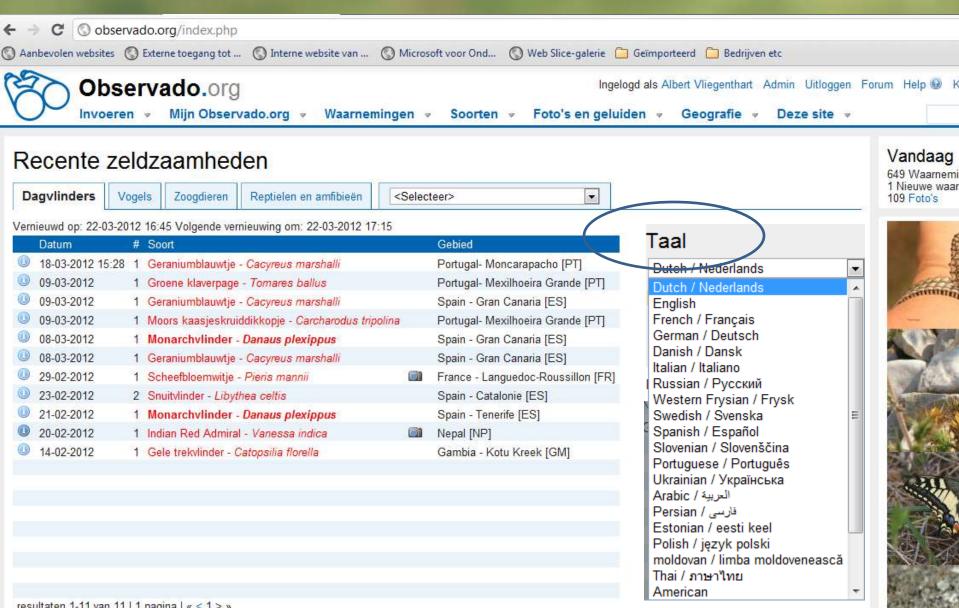
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Data is stored and backed-up in the Mainframe of the NDFF

**Continuous development** 

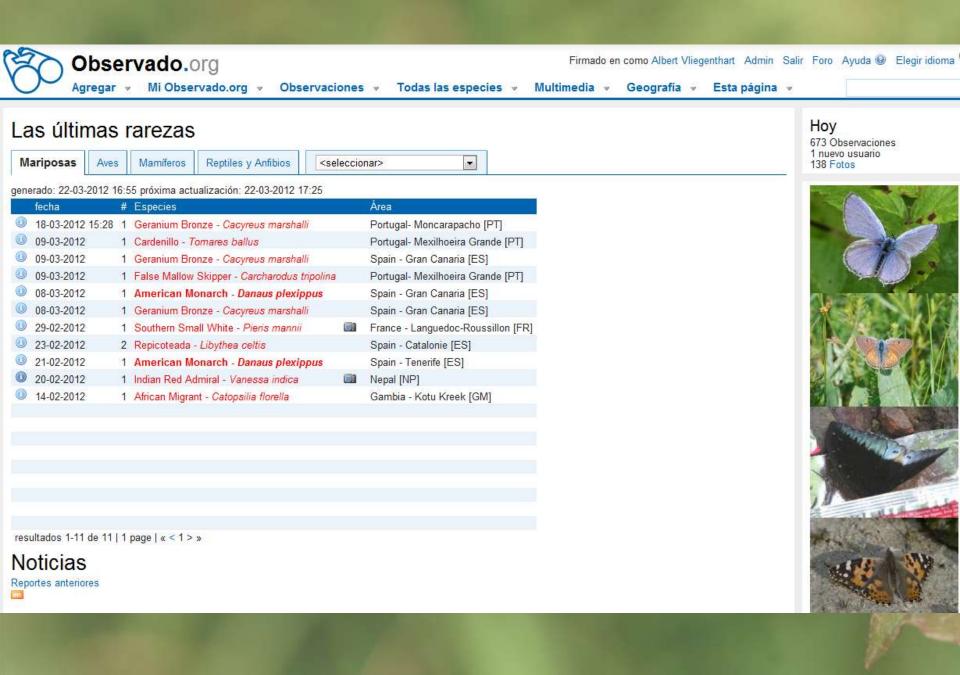
**Extent international validation** 





resultaten 1-11 van 11 | 1 pagina | « < 1 > »

Nieuws Meer nieuws



# Biodiversity

🖄 Obsei	rvado.org		Signer
Add 🗸 🛚	My Observado.org 👻	Observations - All species	s 👻 Pics & sounds
Recent Rarit	ties	Birds Mammals Reptiles and Amphibians Butterflies	
Butterflies Birds	Mammals Reptiles ar		<b></b>
	:03 next refresh: 22-03-2012	Locusts and Onekets (Onnoptera)	
	species	Hymenoptera	
18-03-2012 15:28 1	Geranium Bronze - Cacyre	Bugs, Plant Lice and Cicadas Beetles	oncarapacho [PT]
09-03-2012 1	Provence Hairstreak - Tom	Diptera	exilhoeira Grande [PT]
09-03-2012 1	Geranium Bronze - Cacyre	Plants	n Canaria [ES]
09-03-2012 1	False Mallow Skipper - Ca		exilhoeira Grande [PT]
	American Monarch - Dan		n Canaria [ES]
08-03-2012 1	Geranium Bronze - Cacyre	Mushrooms	n Canaria [ES]
0 29-02-2012 1	Southern Small White - Pie	Algae and Weeds Molluscs and other Invertebrates	nguedoc-Roussillon [FR]
0 23-02-2012 2	Nettle-tree Buttefly - Libyth		alonie [ES]
0 21-02-2012 1	American Monarch - Dan	Other Arthropods (Arthropoda)	erife [ES]
-	Indian Red Admiral - Vanes		
14-02-2012 1	African Migrant - Catopsilia		otu Kreek [GM]

### Observations per country

The Netherlands (appr. 14M) and Belgium (appr. 5M) are excluded from this map.



### Greece - Lesbos

type: Area status: Active

### Species List

Generated: Tue Mar 27 15:29:34 2012 next refresh: 03:29:34

Generated: Tue Mar 27 15:29:34 2012 next refresh: 03:29:34							
species group		Butterflies 🔹					
family		All					
rarity		>= Common 💌					
from		2000-01-01			•	Statisti Rankin	
to		2012-03-27					
		Except alien species	] — S		ıtry	type	
		and subspecies	-		се	Area 🚺	
		All Only my own	n Observations 🤇	Exclude my own sightings	OK ce	Area 🚺	
#	oposioo				ce	Area 🚺	
	species			N	ce	Area 🚺	
1		Skipper - Erynnis marloyi					
2		Skipper - Pyrgus malvae		NIII	ce	Area 🚺	
3		Skipper - Spialia orbifer		<u>x</u>	ce	Area 🚺	
4		kipper - Carcharodus alce			се	Area 📕	
5		kipper - Carcharodus lava		<u>x</u>	се	Area	
6		ipper - Thymelicus lineola			се	Area 🚺	
7		pper - Thymelicus sylvest			ce	Area	
8		Skipper - Thymelicus hyr			ce	Area	
9		Skipper - Thymelicus acte			се	Area 🚺	
10		larbled Skipper - Carchar				Area	
11		nean Skipper - Gegenes i	nostrodamus		ce nia	Area	
12	Pigmy Sk	ipper - Gegenes pumilio			ce	Area	
13	Millet Skip	oper - Pelopidas thrax			ce	Area	
14	Southern	Festoon - Zerynthia polyx	kena		ce	Area	
15	Eastern F	astern Festoon - Zerynthia cerisy					
16	16 False Apollo - Archon apollinus						
17	Scarce Sv	wallowtail - Iphiclides pod	alirius	2	се	Area 📕	

Signed in as Albert Vliegenthart Admin S

	ies	Ŧ	Pics	s & sou	nds 👻	Geography		This sit	
	About this area • Information • Observations • Photos • <u>Species List</u> • Phenology • Statistics • Ranking					Areas Country Statistics Tour Planner Europe continent Europe by country Middle East Middle East by country Africa continent			
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3,000

### Discovering of rare and new species Millet Skipper - Pelopidas thrax (Hübner, 1821)

Family: Hesperiidae (Skippers) Status: Native, Species Rarity: Rare

date 28-09-2010 protocol casual record number|size 1 imago present escape no identification certain area Greece - Lesbos [GR] Greece - Lesbos - Sigri Greece - Voreio Aigaio Greece - Aegean Sea

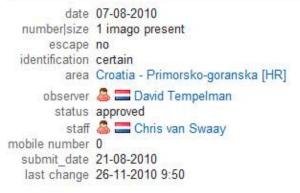


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### Oriental Marbled Skipper - Carcharodus orientalis Reverdin, 1913

Family: Hesperiidae (Skippers) Status: Native, Species Rarity: Common



### Photos



#### Comments

🚨 💳 David Tempelman, 24-11-2010 20:39 X 🐉

#### Show original

Hi Chris, thanks for your comments, nice! I only made this photo. The place is also easily accessible: in the village Osor, at the entrance of the camp :-). WRN will adjust, greetings David

#### 🚨 💳 Chris van Swaay, 24-11-2010 12:07 X 🐉

#### Show original

Hi David, this is a spectacular piece. I am a specialist on my face and this looks like a C. orientalis. However, this is a species which actually prevents further to the way. Have you collected it? As for me, you can customize the generic name, then I approve it then good. The Croat butterfly NGO is already aware (because sitting next to me in the hall). Chris Gr



gps 44.693, 14.391

» Route by Google Maps » altitude

## What does it mean for you?

### You can:

- Enter your data
- Connect your database
- Contribute in quality control
- Benefit from reliable data



Observatio org and its daughter websites aready collected over 27 million records of IMment species groups. An ensemblus digital information scenes on biodiversity!

### Thank you for your attention!

Summarized: Quality control is important and can always be improved.

You, as local expert can help and benefit from valuable information.

More information about endangered species



