

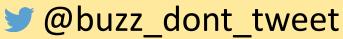




Verifiying Wildlife Records Using iRecord **Dr Scott Shanks**



scott.shanks@buglife.org.uk





Forth Nature Counts



Aims:

- Promote biological recording in Inner Forth
- Generate as many verified records as possible
- Ensure records end up in the public domain to aid nature conservation throughout the Inner Forth





Biological Recording



- Recording & Monitoring are the keys to Conservation
- Distribution & Population trends
- Identify priority species
- Assess the effectiveness of conservation actions
- Citizen Science is fun!





Biological Recording with iRecord



Go to http://www.brc.ac.uk/irecord/





Mobile apps with iRecord





11:45

iRecord Ladybin



+ Current sighting

Ladybird guide









at's Invasive!

further information visit w.rinse-europe.eu

Plants

Animals

All



Japanese Knotweed





Quagga Mussel





















Using the Inner Forth Nature Counts Recording Form

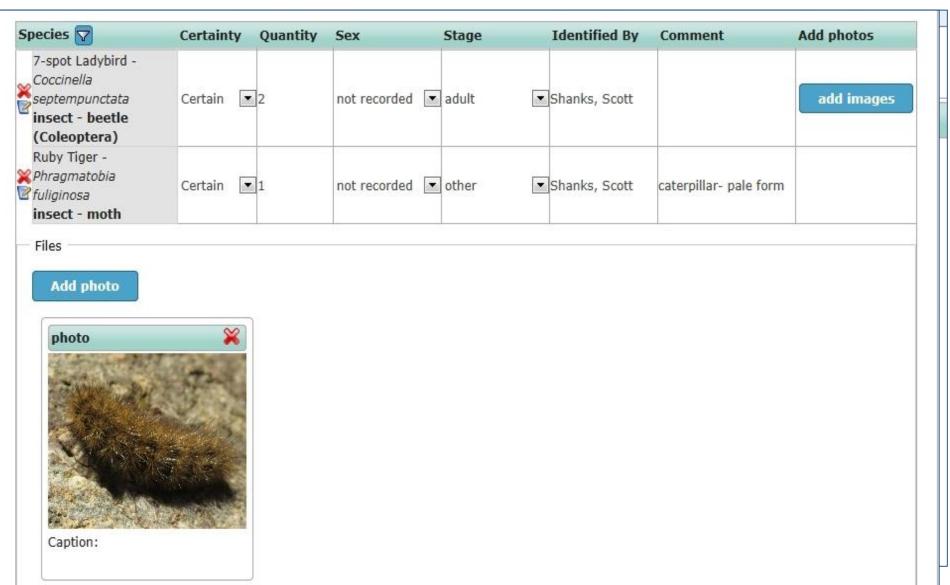


iRec	orc	LANDS	LOTTERY FUN			1
Home	Record	Explore	Summarise	Forum	How do I?	
	0.0000000000000000000000000000000000000	.d.v c	Manager Contains and the Contains			
		. d . v				
About You	What Di	id You See?	Where Was It?			
	What Di	id You See?	Where Was It?			
	al details					
Persona	ne:		Where Was It?			
Persona First nan	ne:	Please p				
Persona First nan	ne:	Please p	rovide your first name rovide your surname		* o contact you if we require further i	



Using the Inner Forth Nature Counts Recording Form: Adding Records







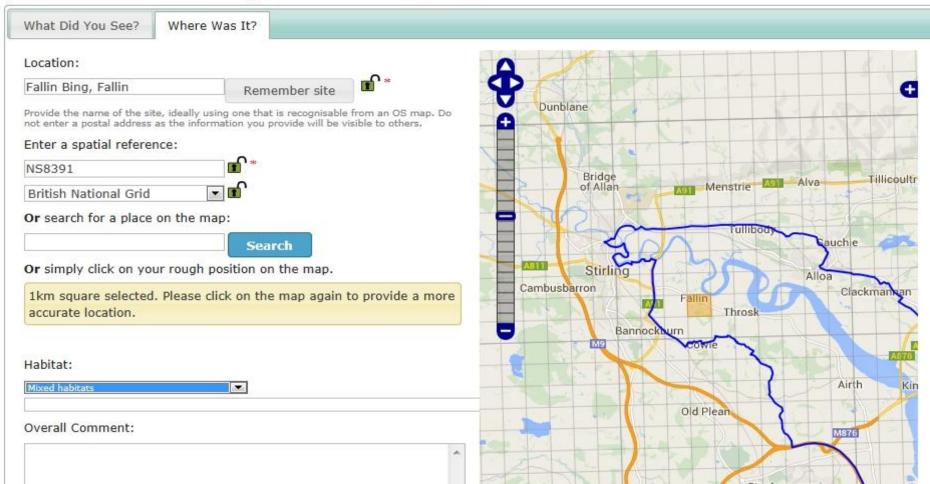
Using the Inner Forth Nature Counts Recording Form: Add Location



Home Record Explore Summarise Verify Download Forum How do I ...?

Inner Forth Nature Counts - enter a list of records (for a site on a date)

Record form for the Inner Forth Landscape Initiative. We are working with recorders to build our understanding of the diversity, abundance and spread of species that are found within the landscape. For more info see our <u>website</u>.





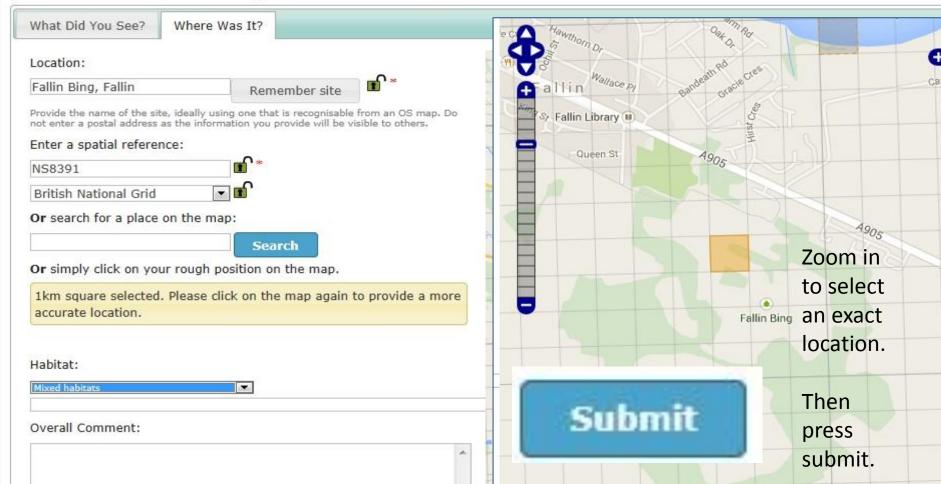
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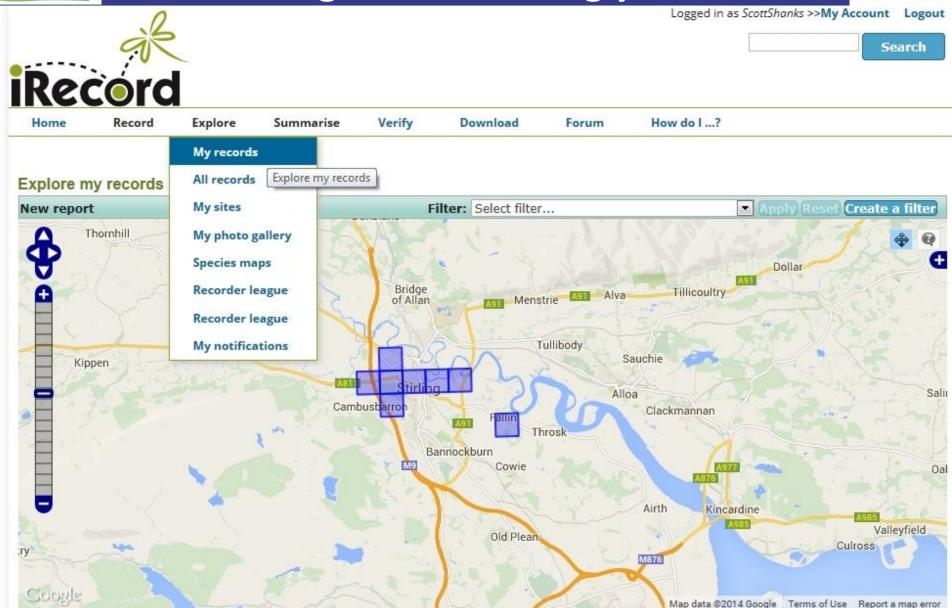
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Using the Inner Forth Nature Counts Recording Form: Viewing your records







Using the Inner Forth Nature Counts Recording Form: Viewing your records

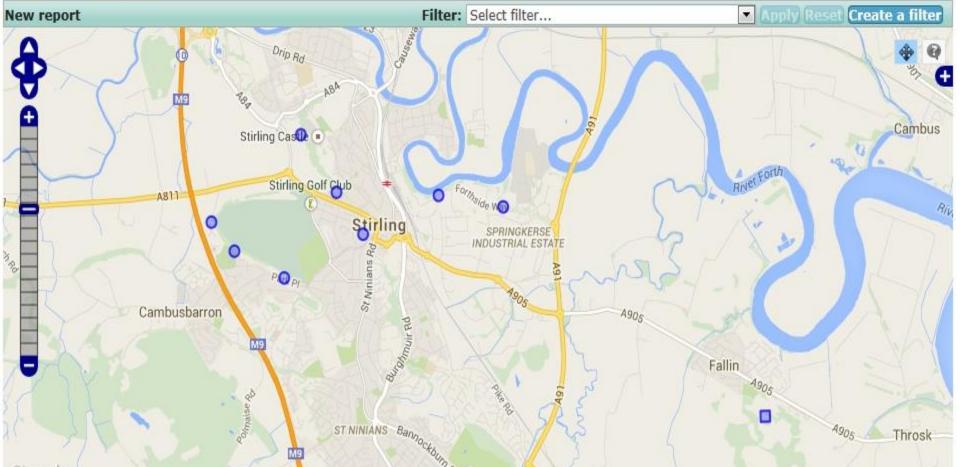


iRecord

Logged in as ScottShanks >> My Account Logou

Search

Explore my records





What happens now?



Record Verification:

- Once you've submitted your record it will ideally be verified by an expert or Recording Scheme to check that all the details are correct.
- The record can then be used by Recording Schemes, research scientists, LRCs and will get added to the National Biodiversity Database (NBN)







How to Become a Verifer



- Verifiers are set up by agreement with relevant Recording schemes, societies or recording projects (ie. Forth Nature Counts).
- Check with Recording Scheme first!
- Contact <u>iRecord@ceh.ac.uk</u> to let them know which species groups and geographic area you would like to cover.
- CEH will confirm with the Recording Scheme and add the Verification menu to your iRecord account.







What do Verifiers do?



 Verifiers are asked to assess the correctness of records and give each an appropriate status (Accepted, Not Accepted or Unconfirmed)..

Verification status 1	Verification status 2
Accepted	Correct
	Considered correct
Not accepted	Unable to verify
	Incorrect
Unconfirmed	Plausible
	Not reviewed



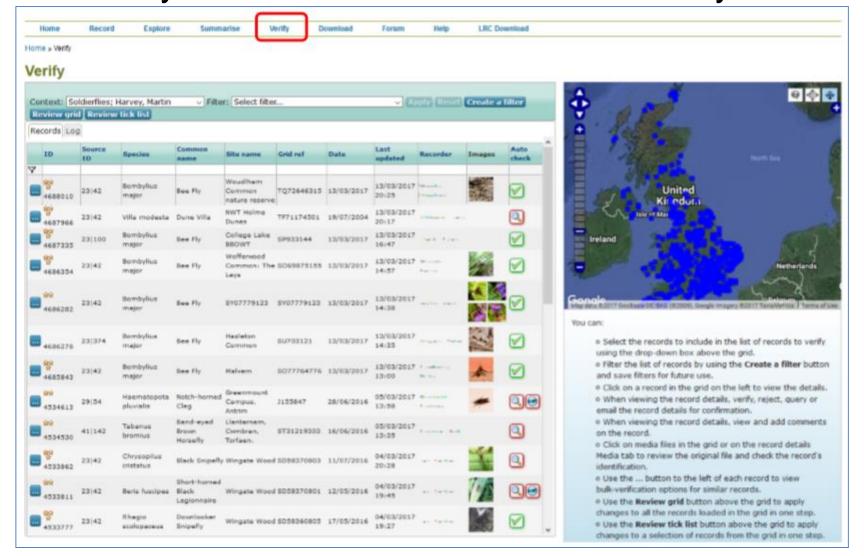








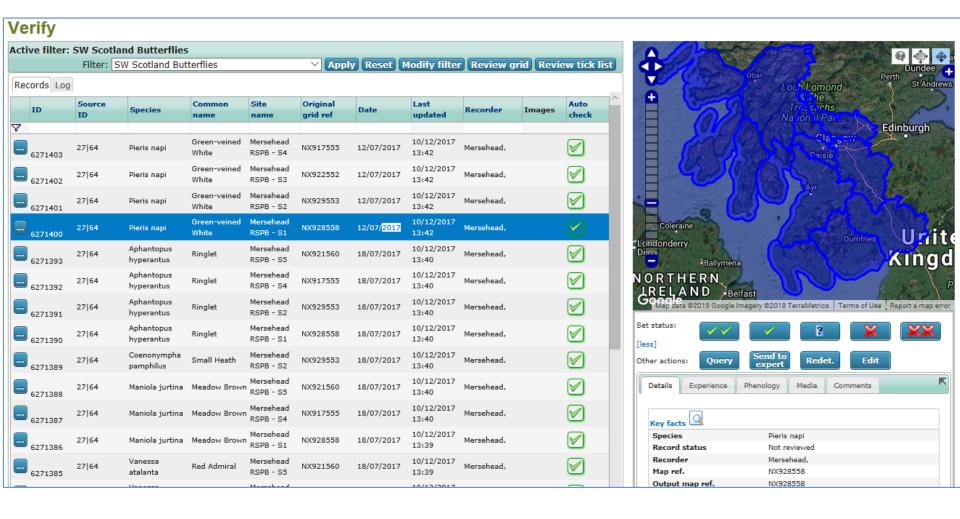
Click Verify tab. Unverified records shown by default







Click record to see details. Double click for location.

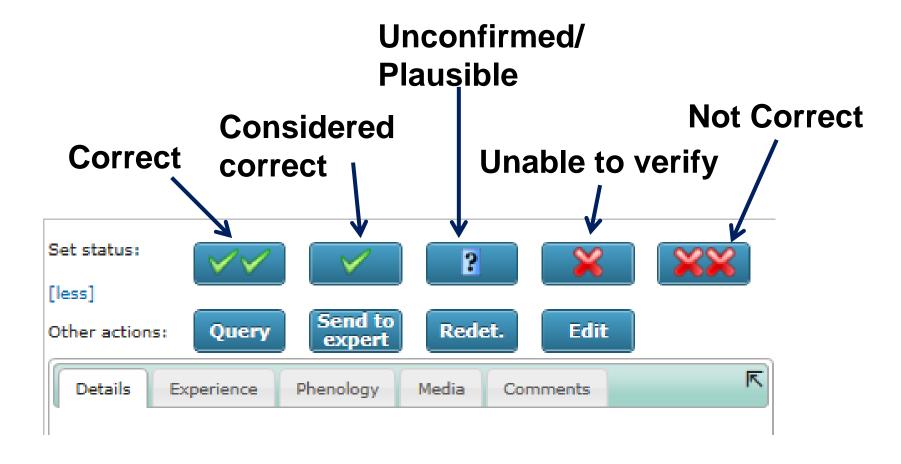




Verifying a Single Record



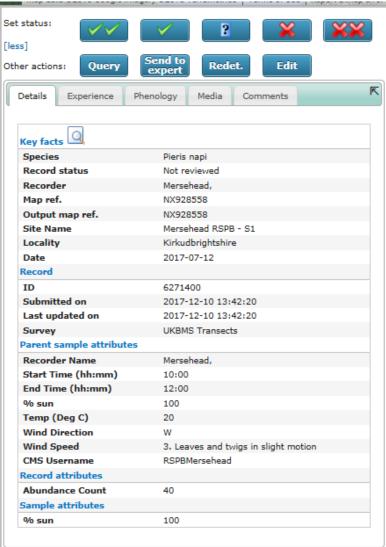
Verification options and resources to help you decide



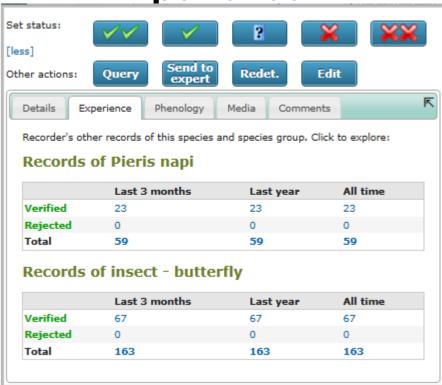




Details



Experience



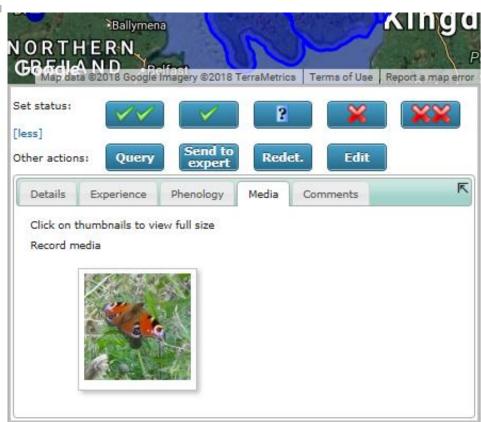




Phenology

Details Phenology Experience Media Comments The following phenology chart shows the relative abundance of records through the year for this species, from the verified online recording data only. 10000 6000 month

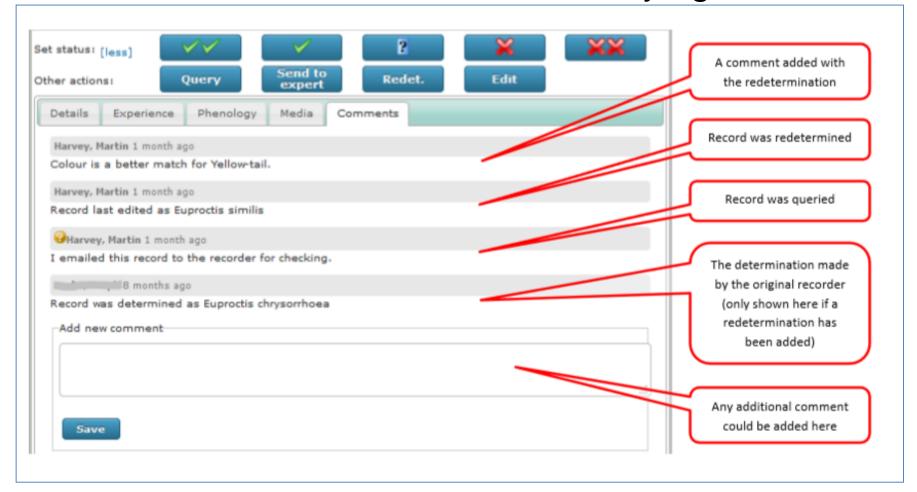
Media







Comments can be added when verifying record



Comments visible to anyone looking at record





Can query recorder either as comment or by email.

Save query to comments log	Send query as em	ail				
The recorder normally checks	their notifications so	your query can be p	osted as a comment a	against the reco	rd. If you prefer, you	can send a direct ema
Add new query						
				J		
Add query to commer	nts log					

Need to be diplomatic when querying! Particularly with public comments!





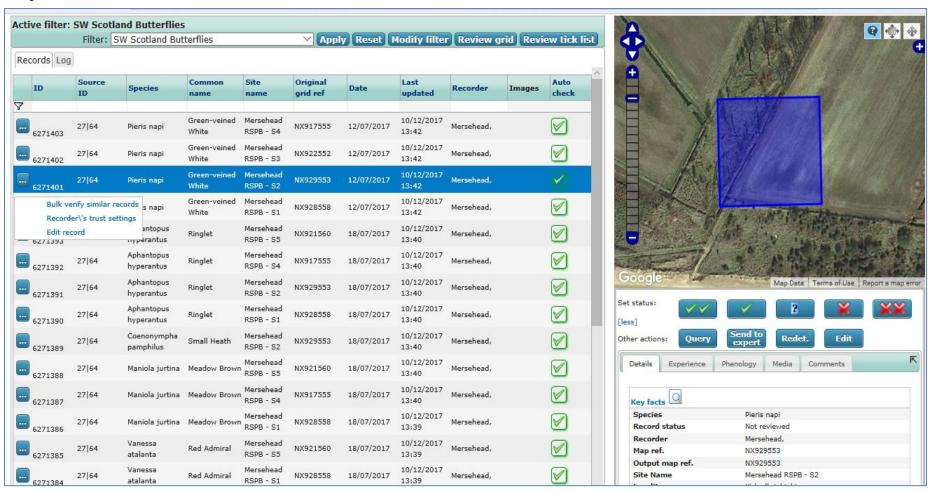
 Can re-determine species in record if a photograph has been provided and species was misidentifed.

New determination:			
New determination.			
			*
Enter a new determination for this reco	rd before verifying it. The previous	determination will be stored with the	ecord.
ot			
Search all species:			
Check this box if you want to redeterm	ine to a different species group.		
Comment:			
Redetermine			
Redetermine			





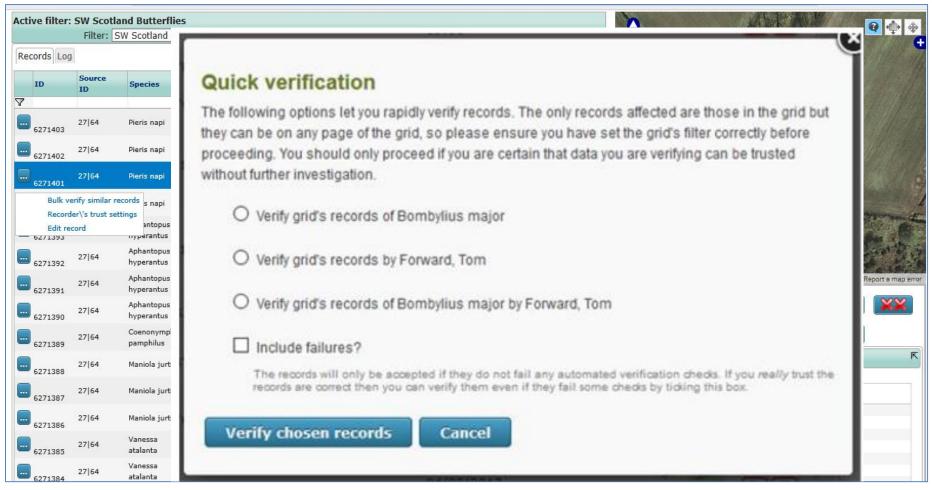
1) Quick bulk verification of Similar Records







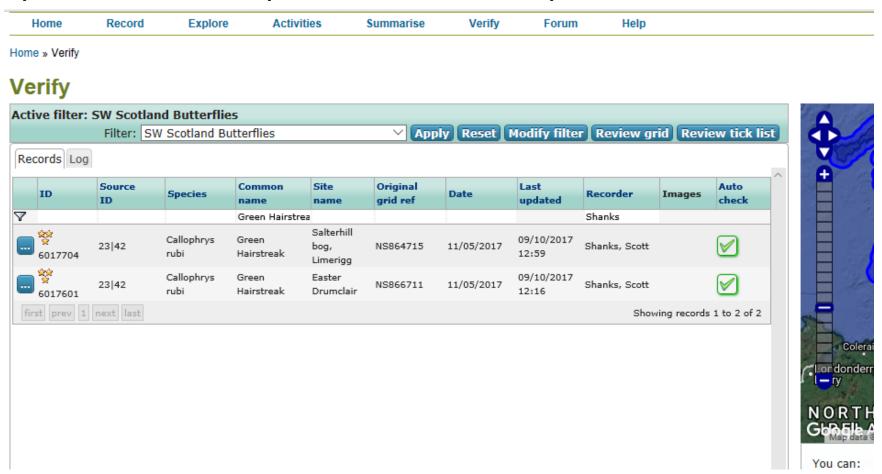
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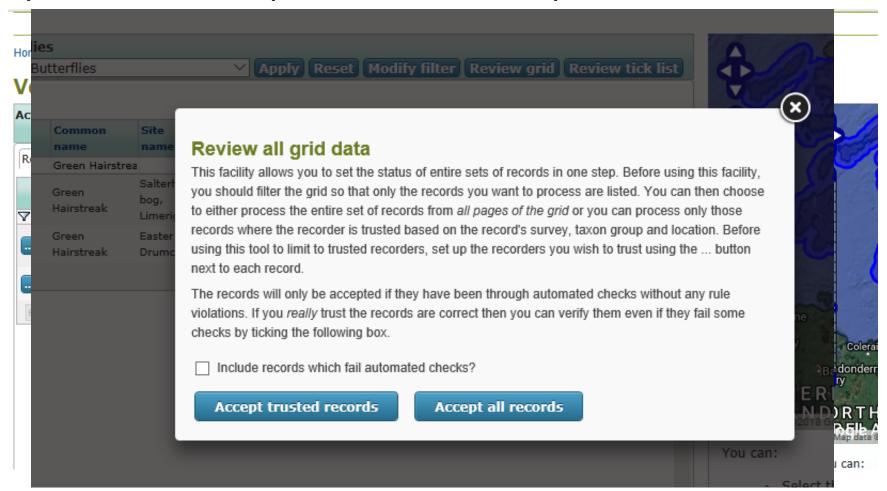
2) Review Grid (Use with filters!)







2) Review Grid (Use with filters!)





3937762

Bulk Verifying Multiple Records



3) Use Tick Boxes (can use with filters)

Verify Filter: SW Scotland Butterflies Create a filter Review grid Review single records Apply With ticked records: [less] Records Log Source Common Site Auto Original Last ID Date Species Recorder **Images** updated arid ref check ∇ Shanks Aglais urticae 57.633N, Small Bribe 04/09/2017 12/08/2017 23 | 101 Aglais urticae Shanks, Scott 14:02 Tortoiseshell 3.314W crescent Small Mayne Farm, 57.637N, 09/04/2017 23|101 Aglais urticae 09/04/2017 Shanks, Scott Tortoiseshell 3.329W 17:53 Elgin 57.644N, 08/04/2017 Hay street, 23 101 Aglais urticae 08/04/2017 Shanks, Scott Tortoiseshell 3.317W 19:34 Elgin Small Elgin football 57.652N, 08/04/2017 08/04/2017 23 101 Aglais urticae Shanks, Scott Tortoiseshell 3.320W 19:34 57.643N, 08/04/2017 23 101 Aglais urticae The wards 08/04/2017 Shanks, Scott Tortoiseshell 3.319W 19:34 Falkland 04/10/2016 Shanks, Scott 23 42 Aglais urticae NO24680759 29/07/2016 Tortoiseshell 4139439 Estate, Fife 23:03 57.694N, 25/08/2016 20/08/2016 Shanks, Scott 23 | 101 Aglais urticae The Lein Tortoiseshell

Use Bulk verification carefully. Even experts make mistakes!

3.199W

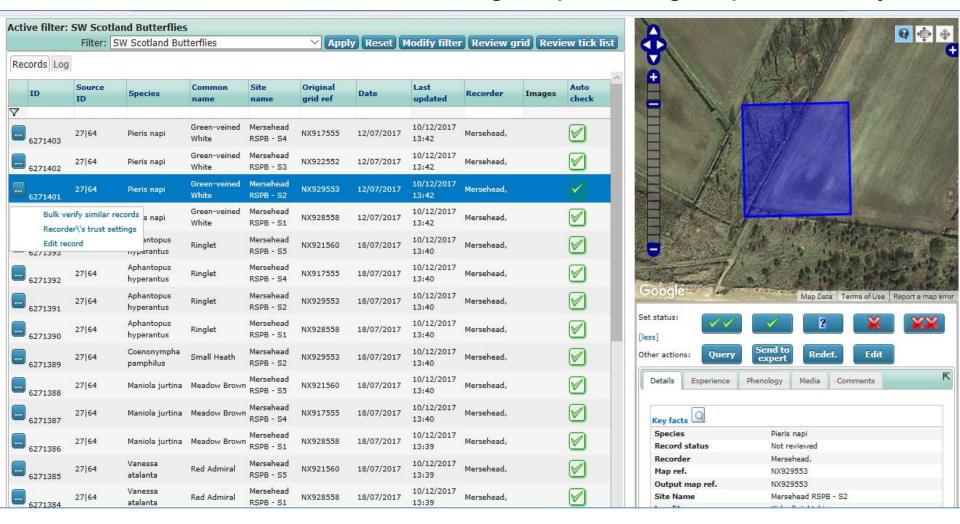
07:06



The 'Trusted' Recorder filter



Can set 'Trust': All records, single species /group or locality

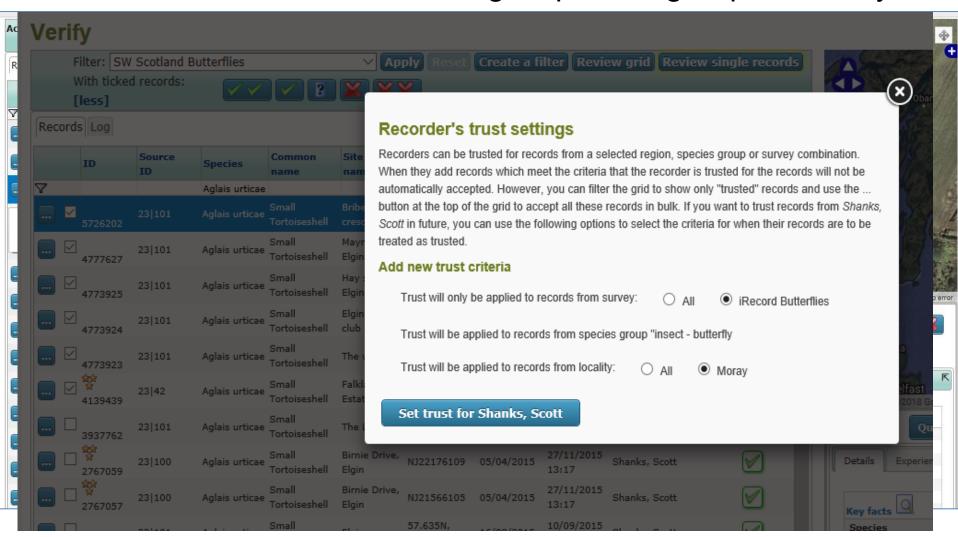




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Home

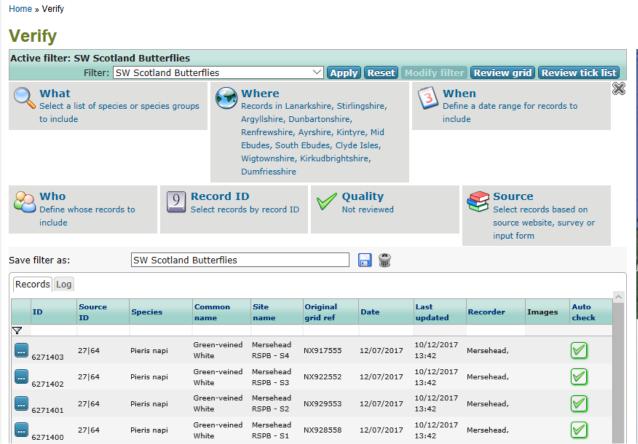
Record

Creating Regularly used Filters



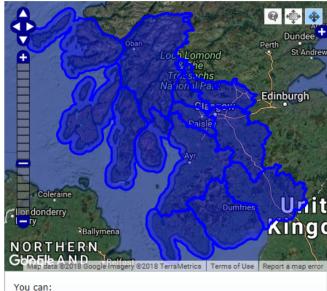
Can modify filters to show records by Location, Date range, Source, Recorder, Quality (eg. All verified)

Forum



Summarise

Activities



· Select the records to include in the list of records to verify

Filter the list of records by using the Create a filter button

· Click on a record in the grid on the left to view the details.

When viewing the record details, verify, reject, guery or

using the drop-down box above the grid.

email the record details for confirmation.

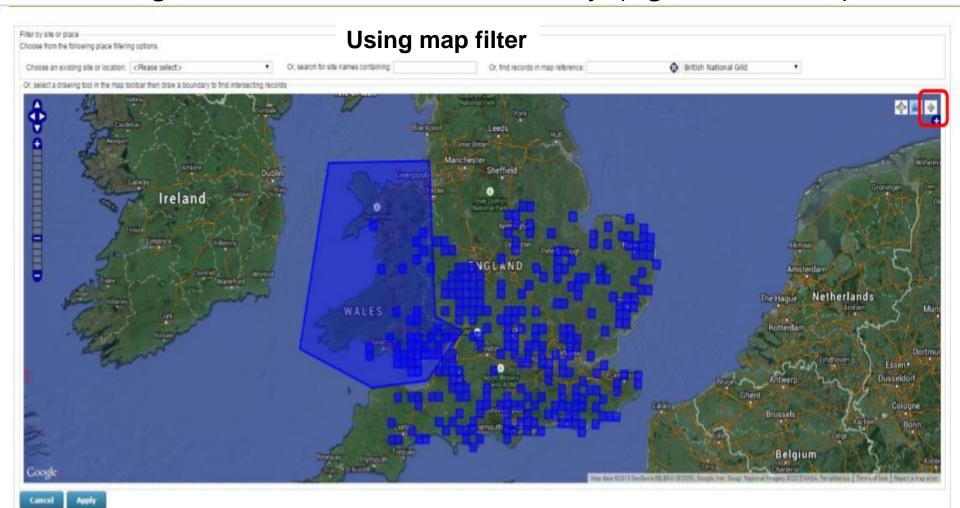
and save filters for future use.



Creating Regularly used Filters



Can modify filters to show records by Location, Date range, Source, Recorder, Quality (eg. All verified)



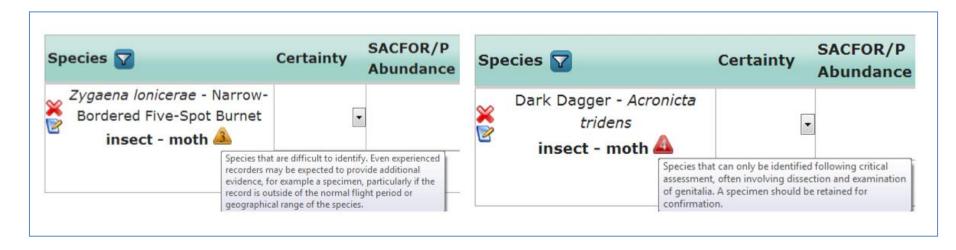


Automated validation checks



iRecord uses **NBN Record Cleaner** software.

Developed with Recording Schemes flags unusual records and can give rating for difficult to ID species





What do the symbols mean?



Recorder's confidence

Recorder certain of species identification



Recorder feels that species identification is likely



Recorder uncertain of species identification

Results of automated checks



Record passes all automated verification tests



Record is of a species which is difficult to identify



Record falls outside the species seasonal range



Record falls outside the species geographic range



Record falls outside the species historical range (first and last year recorded)

Expert's decision



Record verified by expert



Record rejected by expert

 Records which fail automated checks are not necessarily wrong. Can identify range expansion or anew site, or an unusually early/ late.



Guide to Verification using iRecord





Verifiers Guide and help