Version 1 at 13 April 2023

New function for verification page: sample bulk verification button

Scope: this is particularly relevant to verification of butterfly records, but also applies to some records for other species groups, e.g. those added via the "Multi-site records" recording form, or from some app-based surveys.

See also the video guide at https://www.youtube.com/watch?v=3mJ5Nmu_l1I

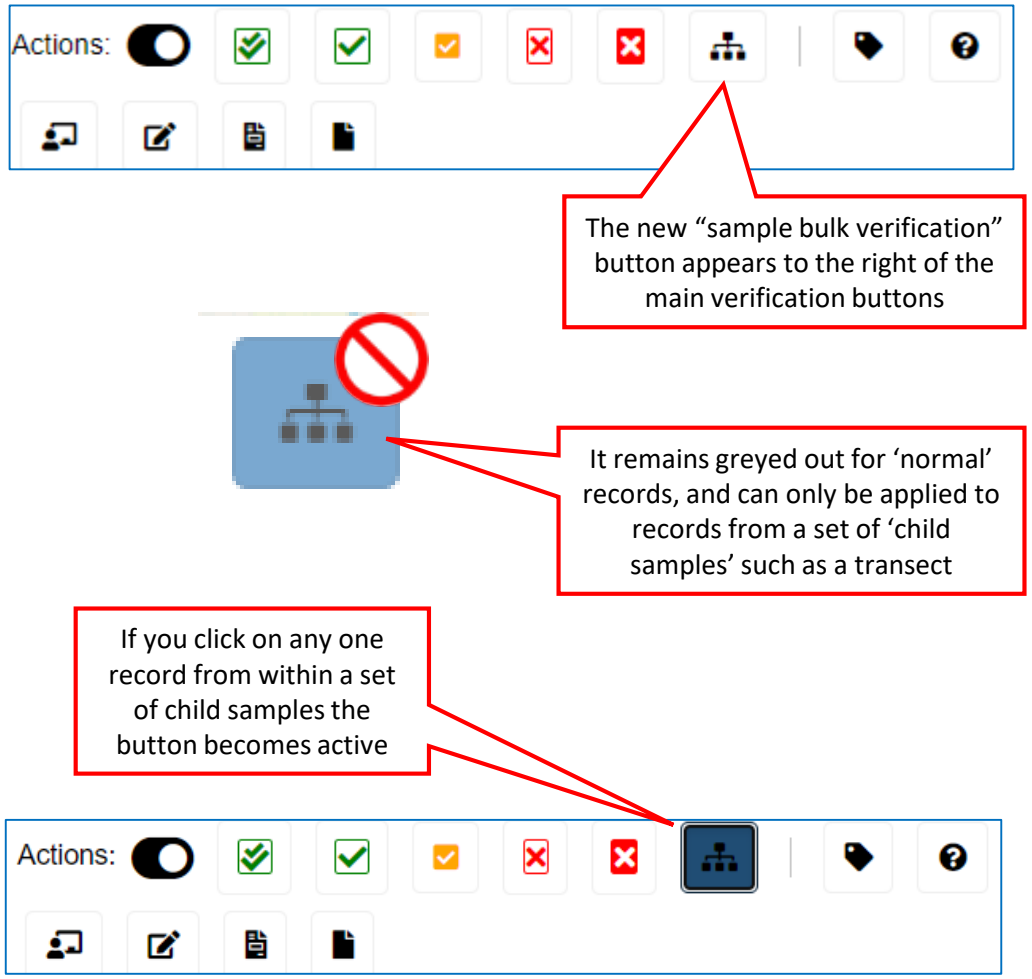
Some types of recording can produce multiple records of the same species from the same site on the same date. Butterfly Transect records are one of the best-known examples, where the same species may be recorded multiple times on different sections of the same transect. In this case the overall transect is a "sample" and each transect section is a "child sample".

The same issue will arise with the increasing use of timed counts for butterflies (and potentially other taxa in future), where counts of a single species at one location over a period of time (e.g. 15 minutes) may produce large numbers of separate records for each individual sighting of the same species within that time.

This new function allows a single verification decision to be applied to **all** records of the same taxon within a single sample for a single date and location. It is accessed via a new "sample bulk verification" button alongside the standard verification decision buttons. The new button is greyed out unless the current record forms part of a sample-child sample hierarchy, such as a transect or timed count.

For records that allow it, clicking on the button will mean that any verification decision applied to a single record from the sample will result in all other records of the same species in the same sample being given the same verification decision.

For instance, if Meadow Brown has been recorded on six sections within a transect of ten sections, a verification decision of "considered correct" can be made once and applied to all six occurrences of Meadow Brown across the whole transect.



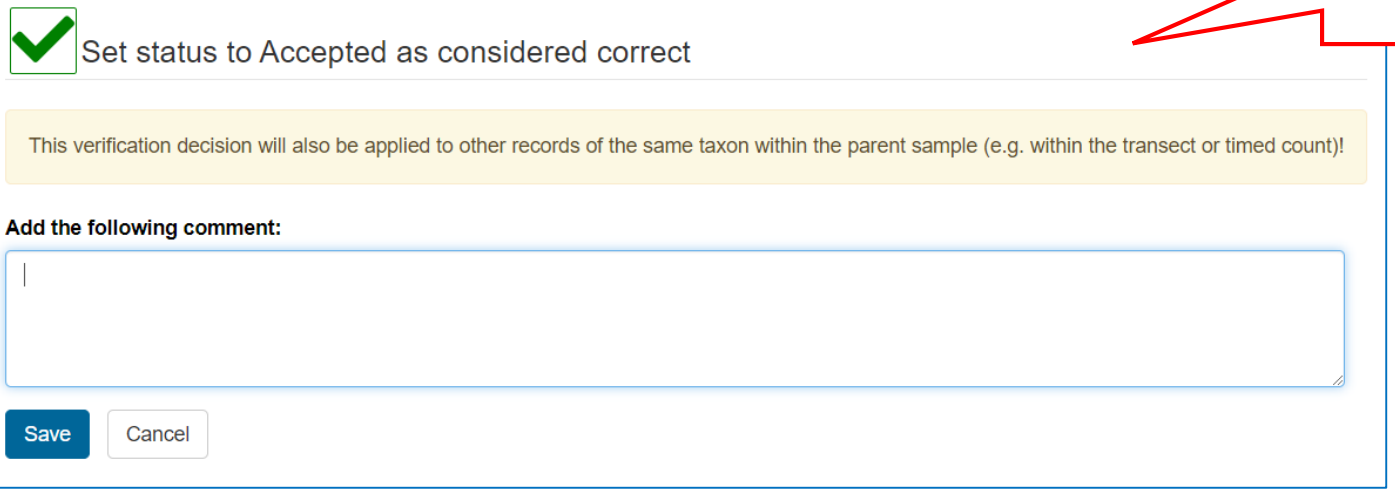
Here is a set of records from a (non-genuine!) timed count of Swallowtail butterflies – each record from the count appears to be identical

ID	Src	Species	Common name	Location	Map ref.	VC no.	Date	Recorder	Determiner	Media	Checks	Last updated
		Papilio										
29886620	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886619	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886618	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886617	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886616	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886615	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886614	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP820062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886612	23|685	*Papilio machaon*	Swallowtail	TEST ONLY	SP821062	24	11/04/2023	Harvey, Martin C.				11/04/2023 11:39
29886611	23|685	*Papilio machaon*	Swallowtail	TEST								
29886610	23|685	*Papilio machaon*	Swallowtail	TEST								

First, click on the sample bulk verification button to activate it, and avoid having to verify each individual Swallowtail record

Next, click on the appropriate verification button to accept any one record

Your decision will be applied to all records of that one species in the sample; you can add a comment if needed (which will be applied to each individual record)



Data structure for timed counts

One sample with details for the entire timed count

A child sample for each individual butterfly counted

An occurrence for each individual butterfly counted – the same species each time

Sample:
- Date
- Overall spatial reference
- Location name
- Comment
- Timed count details, e.g. start time, length of count, weather conditions etc.

Child sample:
- Precise spatial reference

Occurrence:
- Species
- Stage
- Count (1)

All occurrences for the 1 species in the timed count could be verified in one go

Data structure for transcect counts

One sample with details for the entire transect

A child sample for each transect section

An occurrence for each butterfly species counted in the transect section

Sample:
- Date
- Overall spatial reference
- Transect name
- Transect details, e.g. start and finish time, weather conditions etc.

Child sample:
- Spatial reference for section
- % sun for section

Child sample:
- Spatial reference for section
- % sun for section

Occurrence:
- Species 1
- Count

Occurrence:
- Species 2
- Count

Occurrence:
- Species 3
- Count

Occurrence:
- Species 1
- Count

Occurrence:
- Species 2
- Count

All occurrences for any one species in the transect could be verified in one go