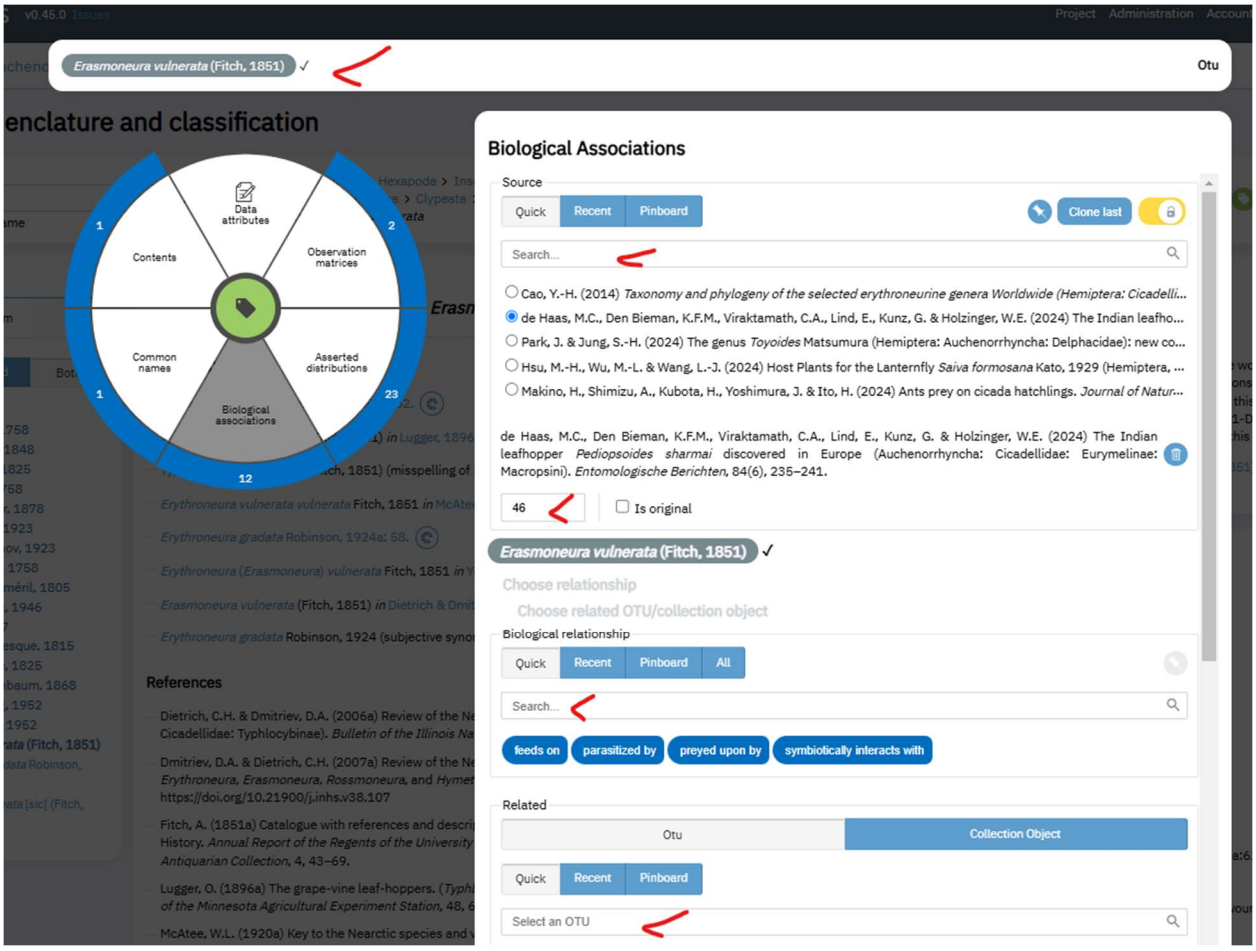
Adding a biological association (e.g. host plant) in the World Auchenorrhyncha Database

A biological association requires four pieces of information: Source, OTU, biological relationship, and associated OTU. Before entering distribution, it is recommended to add a Source to the **Pin Board.** There are two ways to enter biological association record.

Option 1.

1. Use **Browse nomenclature** task. Search for a species name. By default, the page is loaded and redirected to the valid protonym name. If it is desirable to add distribution to a synonym, click on the synonym name in the list of **History**. The selected and active name will be listed at the top of **History**. All biological associations require two separate Taxa. For a new biological association, always start with the Hemipteran taxon.
2. Use **OUT quick form** button 

and select the **Biological associations** sector

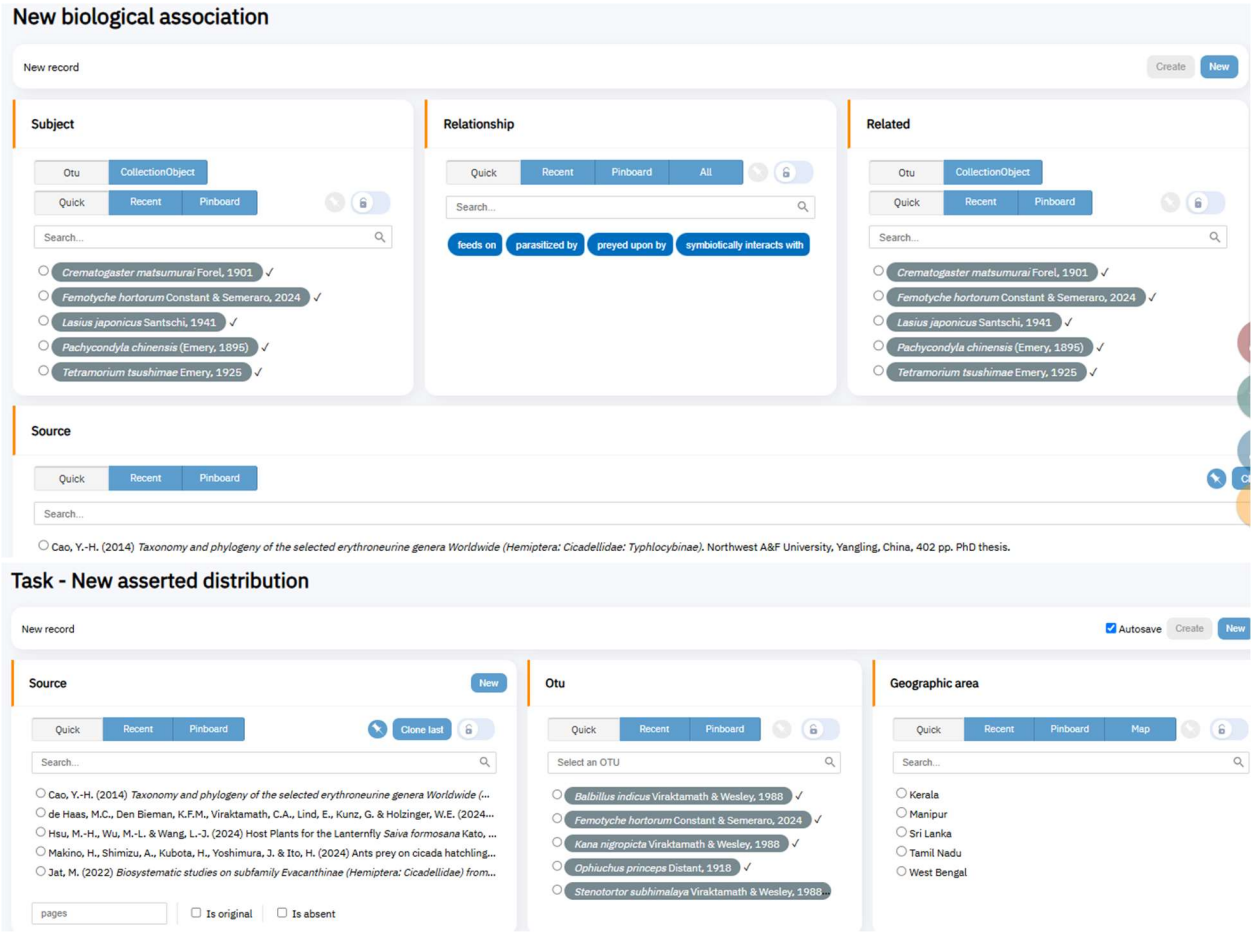


3. One the top, the OTU name is already selected.
4. Select source by using search box or if the source pinned, use blue **Pin** button to retrieve the source from the **Pin Board**. A source could also be selected from the list of Recently used Sources. Please make sure that the correct source is selected before entering the biological association. Once selected, the Source could be **locked**, and it will be used in the future for the next biological association entry even if the Taxon gets changed in the **Browse nomenclature** window.
5. Enter the **page number**. Use **Is original** option only if this is the first record for a particular biological association.
6. Select biological association type, for example, for the host plant record, select “feeds on” relationship. Once selected, the relationship could also be locked.
7. Select related OTU, for the host plant relationship, it will be the plant name. If the plant name is in the system already, it can be selected using the search box. If the plant name is not in the system, a new TaxonName with related OUT must be created before entering the biological association relationship record.

8. Once the related OTU is selected, the record is saved automatically. If the biological association already exists for this species, a new citation will be added to an existing record instead of creating a duplicate association record.

Option 2.

1. Using special Task – **New biological association.**



2. The task has 4 areas to select the Source, Subject OTU, Relationship, Related OTU. Enter Homopteran name in the **Subject OUT** and related name (host plant) in the **Related OTU** selector. Lock could be used in all four sections. Once all four are selected, push **Create** button to save the record.

The distribution record once updated will be automatically visible in the Browse OTU page and in the public TaxonPages.