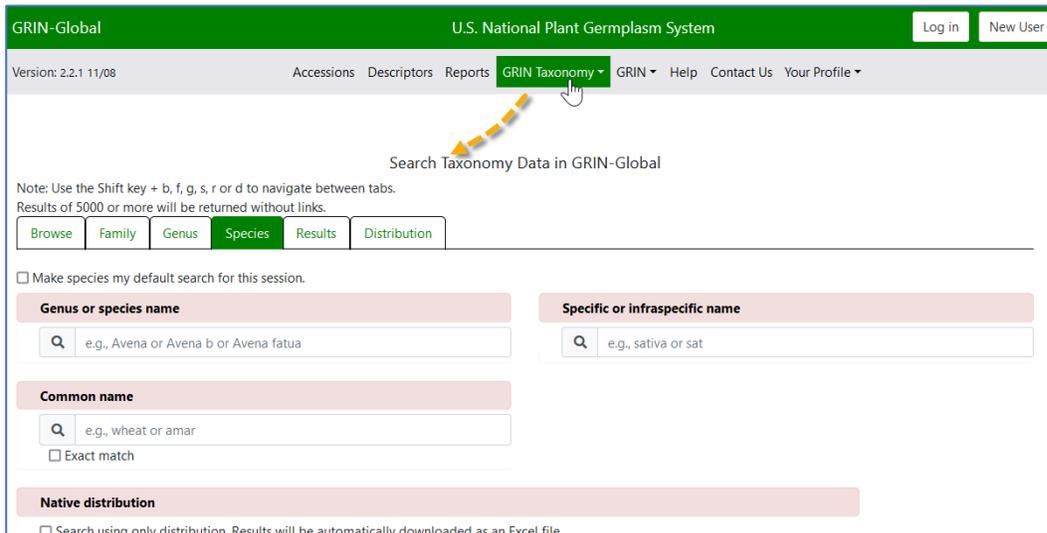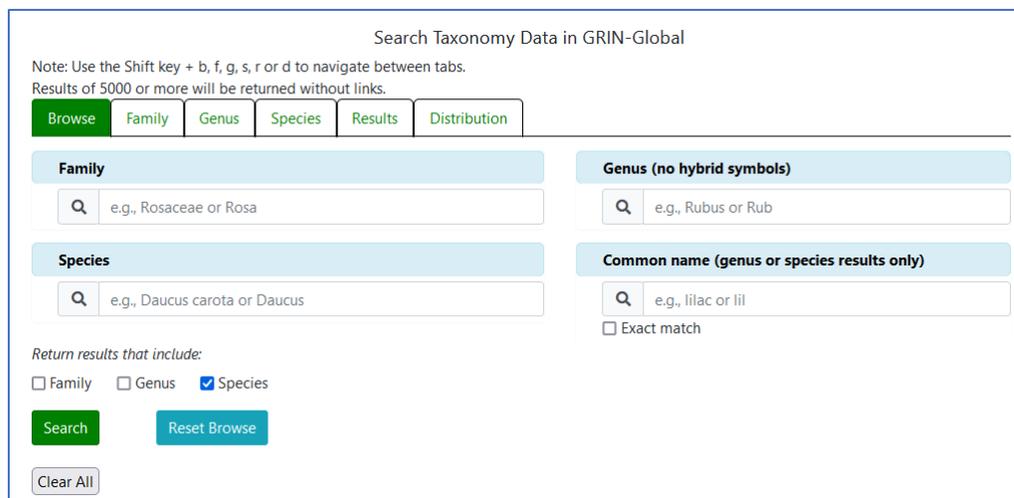# GRIN-Global Taxonomy Search Pages Redesigned

- **Redesigned search pages**. The Crop Wild Relative and Nodulation searches were converted to a new format. The Advanced species query and the Families and Genera query have also been restructured and display in separate tabs on the same search page. Family, Genus, Species, Results, and Distribution tabs have been joined by a Browse tab, and the Species tab has been modified to allow searches by geography only.

- **Browse search**. The Browse search tab has search boxes for family, genus, species, and common name. Text can be entered in one or more of the boxes and the desired type of results (family, genus, and/or species) can be selected. Species results are checked by default.

A query with more than 5000 results (e.g., species of Fabaceae) will display on the Results tab, but the table will not include embedded links for the individual species. Currently, searches with more than 10,000 results may time out and fail.

Common names are only available for genera and species, although a family name can be entered to limit results to the desired family (e.g., Fabaceae and pea). The exact match check box for common names is particularly useful for species common names.

- **Family search**. The Family search tab has a left-side search that can be filtered by order (currently APG IV); multiple families can be entered into the search box. The right-side search requires text to be entered into the family and/or infrafamilial search box. The infrafamilial search is a new feature.

- **Genus search**. The genus search now allows infrageneric names to be queried. Although family can no longer be combined with genus in the initial search, the results can be sorted and filtered by family.

- **Species search.** A full or partial genus or genus + species combination can be entered in the "Genus or species name" search box, and a specific or infraspecific epithet can be queried in the "Specific or infraspecific name" search box. Common name has an exact match check box. Distribution, which is not available for all taxa, can be queried and will always return the native distribution if there is a match. Non-native distribution can be included but is generally not available for cultivated status. Distribution can be searched separately, without any name data, by checking "Search using only distribution." Results will be exported automatically to an Excel file.

- **Results.** The results tab shows an exportable table of matches. If there are no matches to the selected search term(s), a message will be displayed. A species search for a genus that has no associated species records will instead return the genus result. The table can be filtered to show only accepted name or to hide infrataxa. The "Search" box in the table will filter the results to those that match the entered text. Accepted names are shown in bold. Each column can be sorted in ascending or descending order.
- **Distribution.** Distribution data are associated with species records and are currently only available if a species search is conducted and there are fewer than 5000 rows returned. Larger data sets will be automatically exported. The full distribution data for each taxon are shown, and only accepted names have associated distributions. A species search that is limited to a certain geographic area will return only the names (synonyms and accepted) that have a matching geography record, but the full distribution of the accepted names will appear on the distribution tab. The table can be filtered using the "Search" box, sorted, and exported.

Note: Use the Shift key + f, g, s, r or d to navigate between tabs.

Family	Genus	Species	Results	Distribution

Show 100 rows | Excel | CSV   Search: [ ]

Showing 1 to 100 of 235 entries

Taxonomy	Status	Continent	Subcontinent	Country	State	Note
Humulus lupulus L.	**Cultivated**					widely cult.
Humulus lupulus L.	**Naturalized**					widely natzd.
Humulus lupulus L.	**Native**	Africa	Northern Africa	Morocco		
Humulus lupulus L.	**Native**	Asia-Temperate	Caucasus	Armenia		

- **Exported data.** Results can be exported in Excel or csv format. Excel files will be larger because they include formatting. Csv files will include extra columns (a, i, sort, sortacc, or order_code) that correspond to the formatting instructions used for the display order on the website; users are advised to delete these columns before working with downloaded data.
- **Successive searches.** Family search terms are not retained after the search has been run. If there is a single match for a family search, the family detail page will be displayed. Users should click the "New family search" button rather than using the browser back button to start another search. The genus and species tabs will retain search terms, but the results tab only shows results from the most recent search. If there is a single match for a species search, the species detail page will be displayed. Again, users should click the "New Species Search" button rather than using the browser back button, which will return to the results tab for the previous search.

- **Default search box.** If the default search box is checked for one tab, and the "Clear All" button is clicked on another tab to remove search terms, the refreshed search page will return to the default tab, but the box will be unchecked. This feature may be removed in the next version of the taxonomy search.