

GRIN-Global Server Release Notes

Versions 2.0.3.1 – 2.2.2



Revision Date

September 23, 2023

Versions

2.2.2	3
2.2.1	6
2.2.0	9
2.1.0	12
2.0.5.2	15
2.0.5.1	16
2.0.5	17
2.0.4	20
2.0.3.3	23
2.0.3.1	25

Older Archive

April 2014 – January 2020 [http://grin-global.org/docs/Server_Release_Notes_archive.pdf]

Abbreviations Used

- CWR Crop Wild Relative
- CT Curator Tool
- GG GRIN-Global
- PW Public Website
- SE Search Engine
- ST Search Tool

2.2.2

Many corrections were made to the Public Website pages display. Also, pages were modified to incorporate recent taxonomy table changes.

Trac Ticket #	Category	Description / Notes
979	Public Website	Enhanced the Descriptors page so that users can now determine the crop(s) for a given species.
2397	Public Website	Replaced the current public website footer with a more standard website footer. (Footer settings are customizable in the Site.Master file.)
2405	Public Website	Modified method page to show top image from the method_attach table as well as documents/links.
2410	Public Website Taxonomy	The new taxonomy_regulation_map table is used to display CITES or FWE/FWT information on the taxonomydetail page.
2414	Public Website	Corrected a bug where a BR code would display on the Advanced Search when using the Genus Additional Search criterion.
2415	Public Website	Enabled Search pages to trim for leading space characters to improve searches and taxonomy searches.
2418	Public Website	Improved the new user's profile page with several changes: the edit button was moved to next to the word "Profile"; the new user's profile page opens in edit mode, and now includes a text prompt. (These changes were made to the viewprofile page.)
2422	Public Website	Modified several pages Controls/accessiondetail/sourcehistory.cs by adding commas between name and organization for developer, donor, and collector.
2432	Public Website Taxonomy	Corrected the display of long URLs so that the URLs fit properly within their block container on the speciesdetail page.
2436	Public Website	Added text for international distributions indicating that there are potential delays external to NPGS's control.
2439	Public Website	Corrected the accessiondetail/accessionIPR page so that when a PVP record does not have an ipr_number, the information from the accession_ipr table is displayed properly under the IPR tab.

Trac Ticket #	Category	Description / Notes
2442	Public Website Taxonomy	Modified the SQL on the About Taxonomy page (abouttaxonomy.cs) to use the newer taxonomy_cwr_crop and taxonomy_cwr_map tables.
2447	Public Website Taxonomy	Modified the taxonomy search so that when a genus and species name (partial or full) is not found, the genus search that follows will search using the genus name only.
2449	Public Website	Changed the layout for accessiondetail/accessiontaxonomy from having the common names listed with a link to the citation to having a table with the full information shown. A button was added for exporting to Excel.
2451	Public Website Taxonomy	Corrected three pages to use the newer taxon pages for the links for genus, family, etc.
2453	Coding	Simplified code for querying the database.
2454	Public Website Searches	Modified PW coding to enhance searches. A new search for "Previous identification" was added to look for accessions previously identified under a different taxon. The coding also expanded the "Scientific name" search. Now, when a synonym is entered, the search will include accepted names.
2455	Public Website	Changed the text on orders.aspx to prompt the user to provide more details concerning their objectives. Also removed the privacy statement from the page footer.
2457	Public Website Taxonomy	Corrected some searches by removing a leading wildcard on the search.aspx page when the search is coming from taxonomygenus page.
2461	Public Website	Corrected a bug where information that was hidden (correctly) on the accession search page results was exported to Excel.
2462	Public Website	Corrected the additional search criteria for citation author and title in search.cs and the web_searchcriteria_item_2 dataview. Now all citations (accession, IPR and pedigree) are searched and the literature table is included in the search.
2465	Public Website	Modified the Descriptors page so that when a crop name is supplied, if the enter key is pressed, the crop name will continue to be displayed in the drop down.
2470	Middle Tier	Corrected a defect where the password wasn't updating properly under a specific condition. For CT account names using a full email address name@domain, a user can login without using the @domain.

Trac Ticket #	Category	Description / Notes
		However, the password change did not work properly with name only. The process also failed to update the password and didn't produce an error.
2473	Public Website	Corrected a broken link situation for images.
2474	Public Website	Corrected a broken link in the descriptors' search results where the image link was broken.
2475	Public Website	Corrected the results from a descriptor search where only one image was displayed even when multiple accessions had images attached. Now all images display properly.
2477	Public Website	Corrected a bug where the is_archived? field on the Get Trait Observation table was ignored when the Observation data was reviewed via the Descriptors page.
2484	Public Website	Modified the link on the Summary tab to include suffixes properly when the accession has an entry in the Plant Introductory Volumes. (The link is to the PI Index table.)

2.2.1

November 19, 2021

Many of the changes in this server release relate to improved taxonomy pages on the public GRIN-Global website. For example, a browse capability was added to the taxonomy search page to allow searches on family, genus, species and/or common name. A user can select to show results for family, genus and/or species. Details of the many changes are listed below.

Trac Ticket #	Category	Description / Notes
2160	Public Website	Modified web page dataviews to ensure accessions marked as is_web_visible = 'N' are not displayed on the PW page – in the accession search result page and on the accession detail - passport tab.
2197	Middle Tier	The Middle Tier was enhanced to allow users to log in or to change their password in a consistent manner – they can now use their short name, no longer needing to include the domain when changing their CT password.
2205	Public Website Taxonomy	The display of names was changed on the website so that any accessions using "spp." display as "sp." instead. The underlying taxonomy_species_ID data correctly use spp., but each accession technically belongs to only one sp. This matches the format that Genesys is using.
2315	Public Website Taxonomy	Modified the citation builder logic so that URLs (from the URL field) display as either embedded links in the citation title (if there is one) or in the literature source name (if there is no citation title).
2329	Public Website	Modified the code in orderhistorydetail so that when running for NPGS only, names and email addresses are removed from several action_name_codes.
2346	Public Website Taxonomy	Corrected the nodulation page so that a genus search for Eurotia will return the accepted name in the results.
2349	Public Website Taxonomy	Enhanced the search on the Nodulation page to do partial text searches, that is, the wildcard % search now works.
2350	Public Website Taxonomy	Added a check box for the new species common name search to allow an exact match to the entered string, rather than a wildcarded search.
2358	Public Website Taxonomy	Changed the wording on the bottom of the CWR search page to "Do not restrict by germplasm presence/absence in GRIN-Global"

Trac Ticket #	Category	Description / Notes
2365	Public Website Taxonomy	Added browse capability to the taxonomysearch page to allow searches on family, genus, species and/or common name. A user can select to show results for family, genus and/or species.
2366	Public Website Taxonomy	Added code to the species tab of the taxonomysearch page to allow a search using only geography.
2368	Public Website	Added a Clear button to the webquery to remove the existing query text.
2369	Public Website	Added code to hide the webquery syntax error message which continued to display after the error was corrected.
2370	Public Website	The webquery output was ignored by "order by" commands. The table was modified with a new control, resultsWebQuery, so that the "order by" statement now functions properly.
2371	Public Website Taxonomy	The initial active tab on the taxonomy search page is now set to Species.
2372	Public Website Taxonomy	Added the page title to several pages.
2373	Public Website Taxonomy	Changed the "no match" message to display two respective messages, one message for "no genus" and one for "no species."
2375	Server - Installation	Removed the COLLATE SQL_Latin1_General_CP1_CI_AS setting from the installer so that databases with a different collation can be created. Fields should be created using the default collation.
2376	Public Website Taxonomy	When a genus is a hybrid, the species search handles that situation in the same way the genus search does, by not requiring an x or the hybrid symbol as part of the search string.
2379	Public Website Taxonomy	Added a link to the ICTV taxonomy database for virus records (genus and species).
2380	Public Website	Added a "Clear All" button in the PW accession list search.
2381	Public Website Taxonomy	Search results on the taxonomygenus page were modified to display the most recent accessions first (rather than historic).
2382	Public Website	Modified the e-mails that are sent to the requestor and sites when a PW request is submitted. Now two emails are sent; the one sent to the requestor does not include the email addresses of the site

Trac Ticket #	Category	Description / Notes
		members. Also, the order page was enhanced to include the email address of the requester and the fax field removed.
2389	Public Website	In the descriptor data display pages, the logic uses the accession's availability based on the accession as a whole.
2393	Public Website Taxonomy	Ensured that the hybrid symbol is displayed if the genus etc. is a hybrid on the taxonomy detail pages, when genera, subgenera, etc. are listed in the summary block.
2394	Public Website	Corrected the search descriptor page. The Trait Description rollover was corrected; it was displaying the Title instead of the Description.
2399	Public Website Taxonomy	Changed taxonomygenus and web_taxonomyfamily_view_generalist dataviews to correct classification on genus page and to remove columns on the taxonomyfamily page that have no information.
2403	Public Website	Removed stray "after available" text on Advanced search tab.

Dataviews Modified

web_accessiondetail_accessionnames_2_20210913.dataviewxml
 web_descriptorbrowse_trait_2_20211021.dataviewxml
 web_order_history_action_detail_20211020.dataviewxml
 web_taxonomy_browse_2_20210826.dataviewxml
 web_taxonomyfamily_view_generalist_2_20210824.dataviewxml
 web_taxonomygenus_summary_2_20211029.dataviewxml
 web_taxonomyspecies_geo_distribution_2_20210917.dataviewxml
 web_taxonomyspecies_name_familynl_2_20211103.dataviewxml
 web_taxonomyspecies_summary_2_20211021.dataviewxml

2.2.0

September 18, 2021

The major change in this server release was the inclusion of the redesigned Taxonomy search pages.

Trac Ticket #	Category	Description / Notes
1464	Public Website Taxonomy	Modified taxonomy genus to ensure that the correct ID is used to display information requested through the URL. Changed the page so that links to the page with type= will now get the correct information for the subdivision.
2073	Public Website Taxonomy	When crop wild relative information is downloaded, the taxonomy_species_id is included in the download. (Modified taxonomysearchcwr and resultsCropCWR)
2179	Public Website	The accession passport control was modified to show DOI if one is present in the accession table.
2254	Public Website Taxonomy	Regulation records are now pulled from the new taxonomy regulations table to identify accessions with regulations. (Stopped pulling data from previous tables that were used.) (Modified cwrcropdetail and web_taxonomycrop_accessions_2)
2257	web.config changes & PW pages	Addressed the international request to remove specific USDA/NPGS labels/text from the webpages. (Modified code and added variables to read values stored in the web.config file, enabling genebanks to easily change text to reflect their genebank.)
2282	Public Website	Modified code to prevent two emails being sent if the user clicks button twice. Also removed code because the program incorrectly would indicate that an email was not sent when it actually was.
2300	Public Website	Added the latest pathogen testing information to be displayed under the Pathogens area in the accession details Other tab. Also added inventory identifier to the pathogen tab of the accession details.
2304	Public Website	Changed site.master to add a css class to the menu so the toggler menu displays all options on mobile devices.
2307	Public Website Taxonomy	Modified taxonomygenus_subdivisions_2 so that the hybrid symbol displays properly in the list of subdivisions on the taxonomygenus page.
2308	Public Website	Modified code on the query page so that alternate_name will work in SQL queries. Also added code so that if there is a SQL error, the exact error is displayed.

Trac Ticket #	Category	Description / Notes
2309	Public Website Taxonomy	Created a new taxonomy search page in the format of the PW2, replacing the previous search page and eliminating the need for famgensearch , taxonomysimple , and taxonomybrowse pages.
2310	Public Website Taxonomy	Changed the display of the taxonomy query parameters to have a consistent look and use a clickable link to show/hide parameters. Changed Crop Wild Relatives (CWR) and nodulation pages as well.
2311	Public Website	Changed the web_accessiondetail_srchistory_2 dataview to add a space between the Formatted Locality data and the lat/long data.
2312	Public Website	Modified the CSS code controlling color contrasting to comply with Web Content Accessibility Guidelines (WCAG) requirements.
2313	Public Website	Added text to guide users when the image is blurry such as "Click thumbnail image(s) to enhance view."
2314	Public Website	Changed the Search Results page (web_accessiondetail_summary_2) to use plant_rank_name for cultivar name and to treat null value lowest in the ranking hierarchy for cultivar and top name.
2315	Public Website	Modified the format citations method (utils.cs) to embed links in the title or literature source for citations.
2316	Public Website	Corrected the display of numeric data for descriptor values so that they are displayed properly as numbers and in ascending numeric order.
2318	Public Website Taxonomy	Modified code so that when a family with no positive root nodulation is selected, a statement displays that no positive results were found.
2320	Public Website	Corrected an error when the source history table had less than three record types.
2322	Public Website	Corrected an error in the formatting of the search string used in the advanced search criteria.
2323	Public Website	Wording was added to indicate when descriptor observations are linked to specific inventory lots within an accession. Also included prompts to the user to click on the accession link for those listed as "Not Available" to see availability of other inventory lots within an accession. Added an explanation for the asterisk near the bottom of the search results.

Trac Ticket #	Category	Description / Notes
2327	Public Website	Changed query results and descriptor results to make null values blank.
2330	Public Website	Corrected the datatype for all quantity columns to be DECIMAL(18,5). (Web orders were failing to submit properly for fields defined as INT.)
2335	Public Website	Observation Selection Checkbox was not displaying properly for a single item. Corrected bug in the script for the results so there is no error and the table shows correctly
2337	Public Website Taxonomy	Modified the family detail page dataview (web_taxonomyfamily_summary_2) so that virus family names will be displayed even when we do not have authors for them.
2338	Public Website	Modified the web_order_request_item dataview to handle the situation when an ordered accession/inventory item doesn't have a distribution quantity value (the field was null in the database). The PW order would fail to add this record into the web order request item table and then skipped the remainder of the order process (writing order shipping address, send email).
2343	Public Website	A request for previous URL was causing an error. Added an IF statement to check for null before proceeding in viewprofile.cs .
2344	Public Website	Corrected the dataview for the nodulation page distribution so that it always displays the country and its associated state/province.
2345	Public Website	Corrected the CWR detail page so that the right side of the page (CWR) limits the gene pool report to CWR map records corresponding to the crop on the page's left side. The CWR detail page needed to use both crop id and species id.
2353	Public Website	Corrected an error in the Requestor.cs for retrieving the requestor correctly.
2351	Middle Tier	New barcode generator page. Created a barcode generator page for the GG server. Uses the Zebra Crossing ZXing library to provide 2D and QR code support.
2352	Middle Tier	Created BrAPI endpoints and integrated them into the GRIN-Global Middle Tier to support 3rd party model organism databases to programmatically retrieve (read-only) GRIN-Global data.
	Dataviews	Dataviews were added / changed for trac tickets: <ul style="list-style-type: none"> • 2307 - intersubgeneric hybrids

Trac Ticket #	Category	Description / Notes
		<ul style="list-style-type: none"> • 2338 - orders failed when items had a null distribution quantity • 2309 - new taxonomy search page

2.1.0

June 19, 2021

This server release includes a significant change so that GRIN-Global can now allow users to request germplasm either by accession or by inventory. This change was made to accommodate requests for clonal material. The schema and dataview changes will also be useful in a future release when seasonal availability will be fully implemented. Several screens were modified for the ordering process to handle this change. Multiple taxonomy pages were also modified in this release.

Trac Ticket #	Category	Description / Notes
1406	Public Website Taxonomy	Changed two taxonomy search screens (taxonomydetail taxonomysummary) to use the current taxid to obtain accession counts. Previously, when a user entered a synonym, the results displayed 0 accessions even when the accepted name had accessions.
1507	Public Website	Added an Export function with a corresponding button on the user's Order History page to make available a down-loadable list of shipped order items.
1905	Public Website Taxonomy	Corrected the results of Family and Genera searches when homonyms were involved.
2102	Public Website	Changed the GG Public Website so that a requestor can choose multiple inventories and multiple form types and add them to the cart. In all prior versions, users were limited to ordering by accession. Also, in any one web order, the requestor could only order one form of the accession.
2106 2107	Schema	A new column, inventory_id was added to the web_user_cart_item table (2106) and to the into web_order_request_item table (2107). Corresponding dataview changes were made. Additionally, the uniq index was altered for the table to include web_user_cart_id, accession_id, form_type_code, and inventory_id
2175	Public Website Taxonomy	A correction was made to the calculation used in determining the number of available accessions listed on the taxonomydetail.aspx page.

Trac Ticket #	Category	Description / Notes
		The parameter <code>is_distributable</code> is now included when calculating so that historic accessions are no longer counted as available.
2184	Public Website	Improved image sorting by modifying several web dataviews (<code>web_accessiondetail_inventory_image_2</code> and <code>web_accessiondetail_top_image_2</code>) to use the sort order field and display any images that do not have data after the images that do.
2238	Public Website	Corrected several search results and display pages so that the crop trait numeric data display now properly displays the data format as indicated by the format field in the <code>crop_trait</code> table.
2266	Public Website	Modified the confirmation email that is sent to the requestor and to the site(s). The email now also includes the inventory type that is being requested.
2273	Public Website	In testing, large web orders with more than 3000 items were fairly unresponsive. This was due to a bad lookup table selection for a number of fields in the dataview. The dataview was corrected.
2281	Public Website Taxonomy	Added code to the genus page to check if there are associated species. Text will now be displayed instead of having a link that goes to an empty species list as was the previous case. Also changed the species list to better handle no species.
2282	Public Website	Modified code to prevent two emails going out when user is resetting their password and mistakenly clicks the button twice.
2285	Public Website Taxonomy	Modified the dataview used on the <i>Taxonomy Economic Use</i> page to use the taxonomy regulation and taxonomy regulation map table to display CITES (I, II, III), FWE, and FWT data.
2286	Public Website Taxonomy	Modified the <i>Economic Use Results</i> page to use the same table format as used by the new nodulation result page. Also, citations with their associated uses and notes can now be exported.
2288	Public Website	Enhanced the Public Website to group inventory attachments based on the case-insensitive codes used in the <code>description_code</code> field in the <code>accession_inv_attach</code> table.
2290	Public Website Taxonomy	Modified the dataview <code>cropmarker</code> and created a new dataview <code>web_crop_marker_detail2_2</code> to obtain the <code>citation_id(s)</code> for the marker. Also, formatted the citation properly so that it matches citations formatted elsewhere on the PW.

Trac Ticket #	Category	Description / Notes
2291	Public Website Taxonomy	Modified the filter so that the "exclude infraspecific taxa" logic on the taxonomy search results evaluates the following fields: subspecies_name, variety_name, subvariety_name, and forma_name. When any of these is not null , and the box is checked, the name is filtered out.
2293	Public Website	Added the function to display the accessiondetail page when the accession_id is included after the question mark. For example: https://npgsweb.ars-grin.gov/gringlobal/accessiondetail?1473194
2295	Public Website	Corrected the scenario when the webquery displays "That query is not allowed" in cases where it actually runs the query. Also changed the filtering so that created_by will work in the queries.
2296	Public Website	A minor coding change on the search.aspx page corrected the assembling of the search string. (The advanced search queries were returning more than available accessions.)
2297	Public Website	Corrected logic to address cases when users were able to click the Create Profile button even though the password did not meet all criteria.
2300	Public Website	Added NR6 Pathogen information on PW. Changed web_accessiondetail_pathogen to include NR6 information.

2.0.5.2

May 18, 2021

This release mainly addressed some display issues with Public Website pages.

Trac Ticket #	Category	Description / Notes
2268	Public Website	Corrected behavior by resetting the dropdowns when a user clicks between "All" and "By category." Several other minor corrections were made to this Report feature.
2275	Public Website	Modified code to handle shipping addresses (especially non-US) correctly. Also made some interface modifications to guide users as they navigate the page.
2276	Public Website	Added a user prompt (a popup "modal") on the profile page to let users know they need to create a profile.
2277	Public Website	A very minor editing change: a stray ">" was removed from a page.
2278	Public Website	Revised logic so that when a country that doesn't have any states/provinces, the geography_id that's used for the shipping address is taken from the country's geography_id, rather than always taking the geography_id from the state field.
2279	Public Website	Cleared the caching so that when a user changes the default shipping address and then continues on to the order page, the order page reflects the recent address change.

2.0.5.1

April 21, 2021

This release primarily corrected a few bugs that did not display on the development server prior to implementing 2.0.5.

Trac Ticket #	Category	Description / Notes
2175	PW: Taxonomy	Synonyms were showing wrong information. Fixed the Shenzhen bug, again.
2264	Public Website	Modified the web_search_observation_2 dataview to properly display the value from the crop_trait_code table in the results search for observations (from the accession search page).
2267	Public Website	Made changes to add /gringlobal/uploads/images/ to URL on two dataviews. Also removed server name from URL construction on two dataviews.
2268	Public Website	Made several changes to correct anomalies and minor items on the Reports Selection page.

2.0.5

April 17, 2021

This release consists primarily of enhancements and fixes for the Public Website many which pertain to Taxonomy-related pages.

Trac Ticket #	Category	Description / Notes
1462	PW: Taxonomy	Corrected several subgenus display page errors for synonyms
1542	PW: Taxonomy	The taxonomy detail page was modified so that taxa having an alternate_name value in the Taxonomy Species table will display the text in that field in the taxon header
1603	PW: Taxonomy	A taxonomy nodulation page was created for displaying information from taxonomy_family, taxonomy_genus, taxonomy_species, taxonomy_geography_map, and citation tables. Nodulation data reflect positive and negative literature reports of nodulating bacteria from roots and stems, primarily from taxa of Fabaceae. The Nodulation page has its own link on the menu's Taxonomy option.
1639	Public Website	Made all PW accession lists consistent by adding Taxonomy, Top Name and Country of Origin.
1677	Public Website	The image display page for images associated with taxonomy names was corrected to include the binomial name.
1717	PW: Taxonomy	For Aptandraceae, Olacaceae is listed as a synonym. However, in the taxonomy_family table, Olacaceae tribe Aptandreae is listed as a synonym of Aptandraceae. This tribal distinction wasn't reflected on the Aptandraceae page.
1750	PW: Taxonomy	When a species has conspecific taxa, the species accession count and map now include the conspecific taxa.
1765	PW: Taxonomy	Display on taxonomy pages (search results, detail pages) is now restricted so that any records with "aff. %" or "cf. %" in the species_name are not made public. (These names are placeholders for accessions that need re-ID. They are not equivalent to the scientific names in GRIN Taxonomy.)
1969	Citations	The SQL was modified for the dataview for citations associated with descriptors of a crop. The dataview now prioritizes data from the citation record over the literature table.
2126	PW: Reports	Improved the Public Website Report page with a better interface to display reports by category rather than one large (and growing) list.
2164	PW: Taxonomy	Modified the taxonomy detail page to display links in the taxonomy_attach table properly and display the linked page in its own window.
2175	PW: Taxonomy	Made changes for accession count, synonyms/synonyms of, and modified taxonomy summary control to display properly and not include historic records in the counts.

Trac Ticket #	Category	Description / Notes
2179	PW: DOI	The accession passport control was modified to show DOI if a DOI is present in the accession table.
2196	PW: Taxonomy	Corrected all taxonomy pages except advanced query search results to include the prefix notho- from nothosubsp. and nothovar when is_subspecific_hybrid or is_varietal_hybrid is 'Y' in the taxonomy_species table.
2200	Public Website	A code change was made to retain a user's text entry on the Landing page's Simple Search tab screen when the user switches to the Advanced Tab page.
2204	PW: Taxonomy	Corrected the logic to display <i>ornamental</i> usage_type under Environmental on the taxonomy detail page's Economic use tab.
2205	Public Website	On the accession pages, names that have "spp." will now display as "sp." instead. The underlying taxonomy_species_ID data correctly use spp., but each accession technically belongs to only one sp. This matches the format that Genesys is using.
2206	Public Website	Web_search_observations_2 is not using the new taxonomy tables for restrictions. Search observation table is not showing availability.
2207	Citations	Citation formatting was corrected for conditions when a period was added to the title display when it should not have been added, such as when the title ends with a ?, !, or "
2210	Public Website	Requesting "Genebank" in the dataview be replaced with "Repository" until the change to "Genebank" can be fully implemented.
2211	PW: Taxonomy	Corrected the synonyms display; they were not displaying correctly on the subgenus and section pages
2212	PW: Taxonomy	The display of intersubgeneric hybrids in the database were changed to include the hybrid symbol
2214	Public Website	On the search page, when the "Return up to" delimiter was set to be greater than 500, an error page was displayed. The error logged is "Cannot remove this column, because it's part of the primary key." This was an error with the primary key being set incorrectly and was corrected.
2220	Public Website	An error had been recently introduced when descriptors were formatted to display only two decimals. The logic has now been corrected to properly handle text values.
2226	Public Website	Prevent web users from accidentally creating multiple web cooperator records when they update their profiles.
2230	Reports	Changed the date format for the nomenclature change and new web order reports to YYYY-MM-DD so that results can be sorted by date.
2231	Public Website	Added the "Home Gardener intended use" notification popup back into the PW ordering area.
2236	Public Website	Corrected five webpages related to web order requests to insert the word Plant into the "U.S. National ^ Germplasm System."
2237	Public Website	Code was added to ensure the requestor has provided a valid shipping address before the order can be completed.

Trac Ticket #	Category	Description / Notes
2240	Public Website	The PW search page is slow to return searches on some taxonomy that have many taxonomy regulation map entries. Changes were made to made changes to how availability is calculated in two dataviews to correct the speed issue and some other minor regulation issues.
2245	Taxonomy	Restored a missing link to the species list from the taxonomy genus page.
2247	Public Website	Corrected a bug so that the control countrystates.cs can select the correct value for countries beyond the first one.
2249	Public Website	A web query was corrected.
2254	PW: Taxonomy	On the crop detail page, added a “!” in front of the shopping cart if there is a shipping regulation for the accession; also included text to explain what the “!” means.
2255	PW: Taxonomy	Removed the saved state from filters on the taxonomy results tables.
2256	Public Website	A slight wording change regarding “cuttings” was added for clarity.
2262	Public Website	Fixed broken link on descriptor results for some images when the image link was not starting with https .
2264	Public Website	Corrected bug to display observation values in the results for observations from the accession search

Dataviews included in the 2.0.5 Build

web_citations_crop_acc_2_20210225.dataviewxml
web_citations_crop_ipr_2_20210225.dataviewxml
web_citations_crop_ped_2_20210225.dataviewxml
web_descriptor_top_image_2_20210413.dataviewxml
web_lookup_query_dataviewarea_20210309.dataviewxml
web_lookup_query_dataviewarea_20210220.dataviewxml
web_lookup_query_dataviewlist_20201113.dataviewxml
web_lookup_query_reportarea_20201117.dataviewxml
web_lookup_taxon_family_nodulation_20210225.dataviewxml
web_qry_list_nomen_changes_20210308.dataviewxml
web_qry_view_new_web_orders_20210308.dataviewxml
web_search_observation_2_20210209.dataviewxml
web_search_overview_2_20210208.dataviewxml
web_search_overview_noimages_2_20210112.dataviewxml
web_taxonomy_fullname_by_accid_2_20210122.dataviewxml
web_taxonomy_fullname_by_taxidlist_2_20210122.dataviewxml
web_taxonomycrop_accessions_2.dataviewxml
web_taxonomyfamily_summary_2_20210225.dataviewxml
web_taxonomyfamily_synonyms_20210224.dataviewxml
web_taxonomygenus_getnames_2_20210223.dataviewxml
web_taxonomygenus_subdivisions_20210308.dataviewxml
web_taxonomygenus_synonyms_2_20210224.dataviewxml

web_taxonomynodulation_bygenus_2_20210302.dataviewxml
web_taxonomynodulation_distribution_2_20210111.dataviewxml
web_taxonomyspecies_oneimage_2_20200615.dataviewxml
web_taxonomyspecies_view_accessionmaps_20210224.dataviewxml

2.0.4

Released January 22, 2021

This release consists primarily of enhancements and fixes for the new Public Website

Trac Ticket #	Category	Description / Notes
1639	Public Website	Added consistent headings: Taxonomy, Top Name, and Country of Origin to all PW accession lists
2050	Public Website	Enhanced the PW to display certain order request actions that are displayed in the order history.
2059	Public Website	Code changed to display the Search page when a user logs out at the Profile page.
2085	Public Website	Added an option to download a dataset directly from the server, rather than first generate the report.
2086	Public Website	Added a function requiring an account number to be provided when a carrier is selected in the order section of the PW.
2087	Public Website	Crop page was corrected with a missing <code></br></code> code to properly space the crop links.
2088	Public Website	Wishlist was corrected to allow printing the list or exporting to excel.
2089	Public Website	The user is required to login if they have not yet done so and attempt to submit the shopping cart.
2091	Search Engine	Corrected a bug when list searches with no valid IDs were initiated. An error message was displayed which was not meaningful to PW users.
2092	Public Website	Corrected a conflict between the Search Engine and the PW regarding the displaying of Names in a List search.
2095	Public Website	A new feature in the PW for filtering attachments based on the description code was treating the same text, but with different case as being distinct. Now the page treats the case as TitleCase to keep same text items together when sorted.
2099	Server	The Middle Tier Core DataManagers? had a mungeSql method that converts CONCAT() in SQL to a series of + (among other things). SQL

Trac Ticket #	Category	Description / Notes
		Server now supports the CONCAT function, so this conversion was removed.
2100	Server	The Search Engine List function was enhanced to handle accession prefixes and numbers when entered without a space.
2101	Server	Corrected the dataview updater to properly handle the dataviews with Modified Dates.
2103	Server	Corrected link on Welcome email.
2105	Server	Corrected bug where the New Order email referenced the test site for order history.
2110	Public Website	Corrected preventOpenRedirect in login.cs to format the URL correctly to prevent error from admin/webquery on session timeout.
2111	Public Website	Increased the default size of a request entity in the GRINGlobal Middle Tier. Changed from 30 MB to 128 MB.
2112	Public Website	<p>Corrected the error when some PW users with existing shipping addresses were not able to get through the profile loading page during their order request check out. When the user went to the user profile page, the state address with geography is_valid = N would cause a run time error.</p> <p>These cases started occurring after the geography table was modified to include ISO values and the user's state was no longer considered valid.</p>
2113	Public Website	Corrected bugs on user profile page related to the State/Province field. When a user entered a non-US address, the State/Province data did not display. A run time error occurred when the shipping address for a non-US address didn't include the State/Province.
2122	Public Website	Added some heading text on the first results page resulting from a CWR search. (taxonomysearchcwr.aspx)
2140	Public Website	Corrected a bug that occurred on the Advanced Search page when the user included a URL reference.
2142	Public Website	Added the alternate_transcription field to the display of common names in the taxonomyspeciesdetail page by listing the value in parentheses after the common name.
2146	Public Website	Added the link to list the genetic markers on the Crop page.

Trac Ticket #	Category	Description / Notes
2149	Reports	5 order packing lists (reports) were updated to use the new taxonomy regulations tables. They flag an accession as restricted only if there is a restriction for the shipping location.
2151	Search Engine	Added method_attach to sys_matrix_input so that the Search Engine can now query the method_attach table.
2152	Public Website	All results that use jquery datatables now have the state code added.
2153	Public Website	Made minor text changes in taxonomydetail page.
2155	Public Website	Completed these pages: taxonomyfamily, taxonomygenus, genuslist, specieslist, and descriptors.
2156	Public Website	Corrected an error which occurred when <> was entered in the SQL in Web Query box.
2157	Public Website	Corrected the Web Query page so that file name is displayed when the user browses and loads a file. Also stopped the display of any results from a previous query.
2158	Public Website	Changed web_descriptor_top_image_2 and web_descriptordetail_images_2 to use the complete URL when the database URL is incomplete
2159	Public Website	Fixed taxonutils so that when there are no references, an error is no longer thrown.
2160	Public Website	Modified several dataviews to correct the situation when an Accession name marked as is_web_visible = 'N' was displayed on several PW pages.
2161	Public Website	Changed five mapping-related dataviews to prevent backup-type accession's location data being displayed when the accession is not web visible.
2164	Public Website	Added code taxonomydetail so that the taxonomy_attach table records with links that redirect to other websites will be displayed.
2165	Public Website	Corrected several pages per taxonomist's request: modified searchcwr to add text; changed famgensearch to fix redirect to new taxonomy page.
2167	Public Website	Modified viewprofile.ascx.cs to fix the user profile page. A run time error had been generated when the user selected a non-US country

Trac Ticket #	Category	Description / Notes
		without first selecting a State/Province and then clicked on the check box to use the Shipping address.
2174	Public Website	Corrected the taxon link on the web order detail report.
2175	Public Website	Corrected the calculation to not include historic accessions in the count for available accessions.
2176	Public Website	Corrected the accession detail display, Summery tab, to always include the Add to Wish List button.
2182	Taxonomy / Public Website	Corrected an issue when synonyms were incorrectly being displayed as invalid when they were not.
2184	Public Website	Corrected the sort order for images and put those images with null sort_order at the end of the list.
2186	Public Website	Corrected the taxonomy_cwr_crop page so that when the note is null the crop is not displayed on the PW. (The note field serves the same function as the "Compiled by" statement that the old CWR page used to determine which crops should be displayed.)
2191	Public Website	Changed the username and password reset function so that if the user isn't logged in, the page won't update anything. A prompt now indicates to the user that they are not logged in.
2199	Public Website	Modified the SQL for the taxonomy CWR page to parameterize genus_name.
	Dataviews	Dataviews required for 2.0.4 Public Website

2.0.3.3

Released October 7, 2020

These changes correct defects, primarily incorrect display issues, recently found in the latest version of the Public Website.

Trac Ticket #	Category	Description / Notes
2132	Public Website	Include Submitted Date on PW Order Report

Trac Ticket #	Category	Description / Notes
2135	Public Website	Corrected a sort ordering issue on name field in the accession results table; now will sort and ignore CAPS and apostrophes, keeping similar spellings in a sort order.
2138	Public Website	Corrected a bug that had prevented data from displaying properly on the Observations results page.
2140	Public Website	A bug corrected an error on the Advanced Search tab that occurred when the user previously submitted a URL search.
2141	Public Website	Corrected several display errors for citations when certain conditions occurred.
2143	Public Website	Corrected a bug related to the Description and image displaying

2.0.3.1

Released August 22, 2020

General Comment for Administrators

Microsoft Visual Studio (2019) and .NET framework (4.8) were used in creating this build. (According to Microsoft, VS 2019 is backward compatible.) The GG server code was upgraded from VS2015 to VS2019 for 2.0.3. Apparently, the <UseIISExpress> setting was changed from false to true at that point. The source code is on GitLab at

The major change in this release is the Public Website interface. The GG development team has been calling this "PW2" to differentiate this website from the earlier version. PW2 was redesigned using bootstrap technology to enable responsive webpages. Most of the pages have a completely different look, except for the current Taxonomy pages.

The Public Website Taxonomy pages are still using the former interface; these are planned to be updated soon in an upcoming release (date to be determined).

The features and functions of both PW versions are essentially identical. However, because of the changed interface, a user may need some initial adjustment time. For example, the older Search screen was split into four tabbed windows. The Simple search is just that – a user cannot denote additional criteria, and the simple search only looks for active accessions.

A new Help file was implemented. The intent is to continually improve the Help file, so any suggestions and questions are greatly appreciated – please send them to marty.reisinger@usda.gov.

General Comments for Users

Trac Ticket #	Category	Description / Notes
1960	Middle Tier	Addressed the web order email failure that was introduced in 1.10.6. The error occurred due to a trailing semicolon used in the To: address by the Public Website Order page. The Email.Send method was changed to check for empty addresses after splitting the address on semicolons.
2049	Search Engine	Gave the Search Engine the ability to map the shortest join path between tables based on the foreign key links it is configured to use.
2040	Dataviews	Disabled the NPGS-specific site inventory dataviews in the build.
1986	Taxonomy	Added Is_exempt? field to Taxonomy Regulation Map
1903	Trigger	The InventoryBackedUpDataTrigger? trigger was added for updating the " Is Backed Up? " field on the Accession record when NPGS NLGRP adds backup lots to GG.

Trac Ticket #	Category	Description / Notes
2032	PW Report	A Public Website report was added that shows Crop Descriptor information
	Codes	Updated code values for distribution
	Database Upgrader	Improved support for bit/bool data type in the database upgrader in the GG Updater program.