

Issue status report

| # | Status | Priority | Subject | Assignee | Updated | Due date | % Done |
|-----|-------------|-----------|---|-----------------------|---------------------|------------|--------|
| 898 | New | Immediate | remove dependencies on the development machine | Aaron Marcuse-Kubitza | 11/17/2014 08:47 AM | | 0 |
| 886 | New | Immediate | move test DB to vegbiendev VM | Aaron Marcuse-Kubitza | 11/17/2014 08:27 AM | | 0 |
| 869 | New | Immediate | enable schema changes to be made on vegbiendev rather than the development machine | Aaron Marcuse-Kubitza | 11/17/2014 08:47 AM | | 0 |
| 970 | New | High | Write perspectives paper | Ryan Pavlick | 12/12/2014 02:37 PM | 01/15/2015 | 0 |
| 963 | New | High | fix slow loading of pages hosted on vegbiendev | Aaron Marcuse-Kubitza | 10/16/2014 12:47 PM | | 0 |
| 962 | New | High | walk through loading of datasources from scratch | Aaron Marcuse-Kubitza | 10/16/2014 09:38 AM | | 0 |
| 952 | New | High | refresh GBIF so it can be published | Aaron Marcuse-Kubitza | 09/16/2014 05:12 PM | | 0 |
| 944 | New | High | fix phpPgAdmin bug that crashes the DB when browsing large tables | Aaron Marcuse-Kubitza | 04/28/2017 04:35 AM | | 0 |
| 936 | New | High | in TNRS client, detect Internal Server Errors when they occur instead of after the pauses have timed out | Aaron Marcuse-Kubitza | 06/05/2014 04:42 AM | | 0 |
| 884 | Rejected | High | fix Postgres bug that causes query planner to use seq scans and slow sorts instead of index scans in the import | Aaron Marcuse-Kubitza | 04/23/2014 04:00 PM | | 0 |
| 882 | Rejected | High | add limit on the # of parallel import processes | Aaron Marcuse-Kubitza | 04/02/2014 10:10 AM | | 0 |
| 831 | New | High | make tests use their own public schema | Aaron Marcuse-Kubitza | 07/28/2014 04:50 PM | | 0 |
| 814 | New | High | rename columns by name, not position | Aaron Marcuse-Kubitza | 10/31/2014 03:24 PM | | 0 |
| 767 | New | High | autodetect column mismatches | Aaron Marcuse-Kubitza | 03/18/2014 03:15 AM | | 0 |
| 211 | New | High | Produce global flow accumulation layer | Rick Reeves | 04/14/2011 02:29 PM | 05/31/2011 | 0 |
| 210 | New | High | Produce global aspect layer | Rick Reeves | 04/29/2011 11:05 AM | 05/31/2011 | 0 |
| 209 | New | High | Produce global slope layer | Rick Reeves | 04/29/2011 11:04 AM | 05/31/2011 | 0 |
| 961 | New | High | test that staging tables can be reloaded from scratch | Aaron Marcuse-Kubitza | 10/26/2014 05:16 PM | | 10 |
| 317 | Rejected | High | Direct mapping from VegX to VegBIEN | Aaron Marcuse-Kubitza | 09/17/2012 06:58 AM | | 40 |
| 953 | New | High | CVS and VegBank data | Aaron Marcuse-Kubitza | 04/28/2017 04:30 AM | | 60 |
| 928 | New | High | switch to new TNRS setup | Aaron Marcuse-Kubitza | 08/25/2014 05:19 PM | 05/16/2014 | 60 |
| 916 | New | High | Taxon name validation: VegBank | Aaron Marcuse-Kubitza | 06/19/2014 11:00 AM | 05/16/2014 | 60 |
| 943 | New | High | in TNRS, the Constrain by Source option is applied incorrectly to the results download | Aaron Marcuse-Kubitza | 10/24/2014 03:18 PM | | 70 |
| 934 | New | High | Data Dictionary | Aaron Marcuse-Kubitza | 10/03/2014 03:19 PM | 06/06/2014 | 70 |
| 212 | Closed | High | Validate fused DEM at SRTM/ASTER boundary | | 01/12/2012 11:59 AM | 06/15/2011 | 70 |
| 945 | New | High | incorrect synonym being selected in TNRS | | 10/17/2014 03:40 PM | | 80 |
| 363 | In Progress | High | Assemble all GHCN data into a single database | Jim Regetz | 07/03/2012 09:45 AM | | 80 |
| 965 | Resolved | High | some VegBank plots are missing the plot name | Aaron Marcuse-Kubitza | 10/19/2014 06:35 PM | | 100 |
| 957 | Resolved | High | add mechanism to customize NULL-equivalent strings used by staging table import | Aaron Marcuse-Kubitza | 10/14/2014 10:16 AM | | 100 |

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|-----|----------|----------|---|-----------------------|---------------------|------------|--------|
| 955 | Resolved | High | fix geovalidation duplicated rows | Aaron Marcuse-Kubitza | 10/14/2014 02:59 PM | | 100 |
| 951 | Resolved | High | test that `make install` is able to fully re-create vegbiendev | Aaron Marcuse-Kubitza | 10/16/2014 09:28 AM | | 100 |
| 950 | Resolved | High | fix view_full_occurrence_individual_view rows with is_geovalid NULL | Aaron Marcuse-Kubitza | 10/17/2014 11:27 AM | | 100 |
| 948 | Resolved | High | fix duplicated rows in view_full_occurrence_individual | Aaron Marcuse-Kubitza | 09/04/2014 10:04 AM | | 100 |
| 940 | Resolved | High | resequence datasources in dependency order | Aaron Marcuse-Kubitza | 07/14/2014 01:25 PM | | 100 |
| 935 | Resolved | High | TNRS crashes when scrubbing names with two infraspecific epithets | Aaron Marcuse-Kubitza | 06/17/2014 05:25 PM | | 100 |
| 907 | Resolved | High | troubleshoot rsync verification errors | Aaron Marcuse-Kubitza | 09/10/2014 05:45 PM | | 100 |
| 905 | Resolved | High | narrow down the cause of the import bug (incorrect join columns and disk space leak) | Aaron Marcuse-Kubitza | 04/28/2017 04:39 AM | | 100 |
| 903 | Resolved | High | fix Ubuntu 14.04 upgrade bug that prevents Apache from displaying vegbiendev.nceas.ucsb.edu properly | Aaron Marcuse-Kubitza | 04/28/2017 04:41 AM | | 100 |
| 215 | Rejected | High | Establish file organization and possible 'tiling' scheme for Fused Global Terrain data set | Rick Reeves | 01/12/2012 10:45 AM | 05/15/2011 | 100 |
| 213 | Resolved | High | Confirm with Project Scientists: CGIAR Level 4 SRTM project supports planned Terrain Analysis | Rob Guralnick | 04/18/2011 01:12 PM | 04/18/2011 | 100 |
| 966 | New | Normal | figure out why some rows are not getting geoscrubbed | Aaron Marcuse-Kubitza | 10/25/2014 03:29 PM | | 0 |
| 949 | New | Normal | fix shortened view_full_occurrence_individual column names that are now ambiguous | Aaron Marcuse-Kubitza | 10/03/2014 03:22 PM | | 0 |
| 946 | New | Normal | update the column names in the VegBIEN example queries to reflect Brian M's renamings | Aaron Marcuse-Kubitza | 04/28/2017 04:34 AM | | 0 |
| 938 | New | Normal | Enquist's taxon validation | Aaron Marcuse-Kubitza | 06/25/2014 01:19 PM | | 0 |
| 932 | New | Normal | Discovering BIEN data through iPlant | Brian Enquist | 05/22/2014 04:43 PM | | 0 |
| 931 | New | Normal | BIEN db at iPlant | Martha Narro | 05/22/2014 04:32 PM | | 0 |
| 929 | New | Normal | change TNRS client to store metadata | Aaron Marcuse-Kubitza | 06/26/2014 05:24 PM | | 0 |
| 915 | New | Normal | Taxon Name Validation | Aaron Marcuse-Kubitza | 04/28/2017 04:21 AM | | 0 |
| 909 | New | Normal | in aggregating validations pipeline, support using input result sets from CSVs instead of only by querying the staging tables | Aaron Marcuse-Kubitza | 05/03/2014 05:30 PM | | 0 |
| 908 | New | Normal | generate the source-general derived columns directly on the denormalized staging table | Aaron Marcuse-Kubitza | 04/28/2017 04:39 AM | | 0 |
| 899 | New | Normal | remove dependencies on Mac | Aaron Marcuse-Kubitza | 04/16/2014 10:14 PM | | 0 |
| 883 | Rejected | Normal | have import scripts regularly check disk space and pause processes if getting close to limit | Aaron Marcuse-Kubitza | 10/03/2014 03:21 PM | | 0 |
| 878 | New | Normal | fix crow's foot notation in ERD | Aaron Marcuse-Kubitza | 04/16/2014 10:16 PM | | 0 |
| 871 | New | Normal | grant bien_read access to validation result tables | Aaron Marcuse-Kubitza | 02/23/2014 08:03 PM | | 0 |
| 870 | New | Normal | grant bien_read access to publishable staging tables | Aaron Marcuse-Kubitza | 02/23/2014 08:02 PM | | 0 |
| 859 | New | Normal | fix slowness in _taxonlabel_set_parent_id() | Aaron Marcuse-Kubitza | 01/20/2014 09:14 PM | | 0 |

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| 857 | New | Normal | standardize taxon ranks to a common vocabulary | Aaron Marcuse-Kubitza | 01/16/2014 10:40 AM | | 0 |
| 856 | New | Normal | data provider feedback tables: include the individual records that have errors | Aaron Marcuse-Kubitza | 01/16/2014 10:42 AM | | 0 |
| 816 | New | Normal | re-run TNRS on mis-scrubbed names | Aaron Marcuse-Kubitza | 01/09/2014 09:44 AM | | 0 |
| 815 | New | Normal | auto-prepend table name to columns | Aaron Marcuse-Kubitza | 11/08/2013 10:10 PM | | 0 |
| 747 | New | Normal | Run interpolation over all five case study regions | | 08/22/2013 12:23 PM | | 0 |
| 746 | New | Normal | Generate Global Monthly Median (Climatologies) MODIS LST | | 08/22/2013 12:19 PM | | 0 |
| 745 | New | Normal | Run interpolation over tiles for North America | Alberto Guzman | 08/22/2013 12:01 PM | | 0 |
| 744 | New | Normal | Create Global Grid for Interpolation | Alberto Guzman | 08/22/2013 11:58 AM | | 0 |
| 636 | New | Normal | support TNRS-matching names in "", insted of encoding them and letting TNRS return no match | Aaron Marcuse-Kubitza | 04/28/2017 05:13 AM | | 0 |
| 612 | New | Normal | DEM Evaluation | Natalie Robinson | 05/09/2013 08:10 AM | | 0 |
| 581 | New | Normal | mechanism to dynamically autopopulate NOT NULL values | Aaron Marcuse-Kubitza | 03/06/2013 10:57 PM | | 0 |
| 580 | New | Normal | automap each word *in* a VegCore term instead of just the whole term | Aaron Marcuse-Kubitza | 03/06/2013 09:08 PM | | 0 |
| 579 | New | Normal | in sql_gen.EnsureNotNull, use ARRAY[] instead of COALESCE() to wrap values where NULL should be compared literally | Aaron Marcuse-Kubitza | 03/06/2013 08:45 PM | | 0 |
| 578 | New | Normal | replace all fields of type text with a domain type that ensures the value is non-empty (not "") | Aaron Marcuse-Kubitza | 03/06/2013 02:08 PM | | 0 |
| 576 | New | Normal | merge the datasources' mappings into the VegCore data dictionary | Aaron Marcuse-Kubitza | 03/05/2013 05:09 AM | | 0 |
| 574 | New | Normal | mechanism to manually override the CSV dialect, encoding, etc. | Aaron Marcuse-Kubitza | 02/26/2013 12:48 PM | | 0 |
| 573 | New | Normal | automap the analytical DB columns | Aaron Marcuse-Kubitza | 03/05/2013 09:41 PM | | 0 |
| 568 | New | Normal | Interpolation of temperatures in the Venezuela region | | 03/08/2013 10:24 AM | | 0 |
| 566 | New | Normal | automatically adjust staging tables for easier mapping | Aaron Marcuse-Kubitza | 02/14/2013 11:04 AM | | 0 |
| 564 | New | Normal | make all VegBIEN column names globally unique | Aaron Marcuse-Kubitza | 03/09/2013 02:10 AM | | 0 |
| 563 | New | Normal | refactor VegBIEN to use VegCore terms | Aaron Marcuse-Kubitza | 02/14/2013 06:33 AM | | 0 |
| 562 | New | Normal | flatten the mappings | Aaron Marcuse-Kubitza | 03/28/2014 03:05 AM | | 0 |
| 561 | New | Normal | make VegBIEN ID fields plain-text instead of numeric | Aaron Marcuse-Kubitza | 12/03/2013 05:54 AM | | 0 |
| 552 | In Progress | Normal | Facilitate raster buffering across antimeridian | Jim Regetz | 01/18/2013 05:41 PM | | 0 |
| 548 | New | Normal | remove benign errors from the data provider feedback tables | Aaron Marcuse-Kubitza | 12/20/2012 02:36 PM | | 0 |
| 539 | Rejected | Normal | get analytical_stem_view to use merge joins instead of hash joins | Aaron Marcuse-Kubitza | 03/28/2014 02:55 AM | | 0 |
| 522 | New | Normal | fix deadlock when multiple testers are running simultaneously | Aaron Marcuse-Kubitza | 10/12/2012 01:06 AM | | 0 |
| 500 | New | Normal | when lower rank has name concatenated together, use lowest rank as the scientific name | Aaron Marcuse-Kubitza | 09/24/2012 01:02 PM | | 0 |
| 491 | In Progress | Normal | Methods comparison | Benoit Parmentier | 12/12/2012 04:36 PM | | 0 |
| 490 | New | Normal | change import.stats.xls to use field rather than row count | Aaron Marcuse-Kubitza | 09/10/2012 06:55 PM | | 0 |

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| 477 | Rejected | Normal | allow putting specimens data directly in the top level of the datasource directory | Aaron Marcuse-Kubitza | 12/06/2012 08:13 PM | | 0 |
| 476 | New | Normal | develop map spreadsheet -> header override file translation utility | Aaron Marcuse-Kubitza | 09/10/2014 03:58 PM | | 0 |
| 474 | Rejected | Normal | use svn to figure out when a map file has changed and needs to be cleaned up | Aaron Marcuse-Kubitza | 12/06/2012 08:21 PM | | 0 |
| 472 | Rejected | Normal | replace accessioncodes with datasource_id+sourceaccessioncode | Aaron Marcuse-Kubitza | 02/14/2013 07:18 AM | | 0 |
| 469 | New | Normal | give everyone their own account on vegbien | Aaron Marcuse-Kubitza | 08/27/2012 05:52 PM | | 0 |
| 466 | Rejected | Normal | column-based import: avoid most exceptions by introspecting the DB structure instead of waiting for a parseable exception to be raised | Aaron Marcuse-Kubitza | 10/03/2013 01:03 PM | | 0 |
| 461 | New | Normal | don't display warning when nullable boolean columns are handled without using COALESCE() | Aaron Marcuse-Kubitza | 08/01/2012 06:57 AM | | 0 |
| 459 | New | Normal | data provider feedback: propagate srcs (input columns for an intermediate column) for all tables, not just SQL functions? | Aaron Marcuse-Kubitza | 07/30/2012 07:49 PM | | 0 |
| 457 | New | Normal | use driver-native autocommit mode instead of our custom autocommit implementation | Aaron Marcuse-Kubitza | 07/30/2012 07:19 PM | | 0 |
| 456 | New | Normal | test that querying the DB uses the unique indexes instead of a seq scan | Aaron Marcuse-Kubitza | 07/30/2012 07:07 PM | | 0 |
| 453 | New | Normal | cluster vegbien tables periodically | Aaron Marcuse-Kubitza | 07/30/2012 06:50 PM | | 0 |
| 451 | New | Normal | verify database contents as part of automated testing | Aaron Marcuse-Kubitza | 07/30/2012 06:25 PM | | 0 |
| 450 | New | Normal | cast all untyped literals as text using cast_literal() | Aaron Marcuse-Kubitza | 07/30/2012 04:24 PM | | 0 |
| 449 | New | Normal | optimize JOINS on existing rows | Aaron Marcuse-Kubitza | 07/30/2012 04:15 PM | | 0 |
| 448 | New | Normal | timeout ANALYZE queries | Aaron Marcuse-Kubitza | 07/30/2012 04:15 PM | | 0 |
| 446 | New | Normal | fix deadlock in INSERT IGNORE replacement | Aaron Marcuse-Kubitza | 02/23/2014 08:01 PM | | 0 |
| 423 | New | Normal | Develop stratified station sampling procedure | Adam Wilson | 06/01/2012 12:54 PM | | 0 |
| 409 | New | Normal | Effect of sampling on GAM: hold out proportions and sampling observations | Benoit Parmentier | 05/01/2012 02:16 PM | | 0 |
| 408 | New | Normal | Capturing LST spatial structure using spatial eigenvectors | Benoit Parmentier | 05/09/2012 03:40 PM | | 0 |
| 406 | New | Normal | OR-GAM predictions-model assessment over 365 dates, year 2010 | Benoit Parmentier | 05/08/2012 04:31 PM | | 0 |
| 393 | New | Normal | Identify Focal Regions | Adam Wilson | 05/02/2012 02:16 PM | | 0 |
| 387 | New | Normal | count how many duplicates between Canadensys and GBIF | Aaron Marcuse-Kubitza | 03/16/2012 02:59 PM | | 0 |
| 376 | New | Normal | Assemble monthly mean TRMM precipitation values for the complete record for Oregon | | 03/07/2012 08:38 AM | | 0 |
| 375 | New | Normal | Assemble monthly mean MODIS LST values for the complete record (2000-2012) for Oregon | | 05/17/2012 03:44 PM | | 0 |
| 368 | Rejected | Normal | get TEAM VegX data | | 09/17/2012 07:02 AM | | 0 |
| 365 | Rejected | Normal | retrieve taxonomic hierarchy in analytical layer by using dynamic queries to external sources | | 11/08/2012 03:27 AM | | 0 |
| 364 | New | Normal | Integrate spatial variables and structure in the GAM methodology | | 06/05/2012 12:27 AM | | 0 |
| 362 | New | Normal | Decide on a map projection for the Oregon case study | | 07/17/2012 10:37 AM | | 0 |

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| 361 | In Progress | Normal | Test and compare the GAM method on several days (10 days for now) for Oregon | Benoit Parmentier | 05/01/2012 02:24 PM | | 0 |
| 359 | In Progress | Normal | Test GAM method to produce Tmax for one day (OREGON): r script | Benoit Parmentier | 02/29/2012 06:27 PM | | 0 |
| 357 | Rejected | Normal | make shortlist of 1st-level fields a method should have | | 02/10/2012 02:43 PM | | 0 |
| 341 | New | Normal | create verbal descriptions of edge cases | Brad Boyle | 01/27/2012 03:03 PM | | 0 |
| 339 | New | Normal | have "schema showdown" | | 01/24/2012 06:32 PM | | 0 |
| 337 | Closed | Normal | VegBIEN table renames | Aaron Marcuse-Kubitza | 01/20/2012 03:02 PM | | 0 |
| 335 | Rejected | Normal | Look into using Sybase Powerbuilder or IBM Enterprise Vision to map data | Aaron Marcuse-Kubitza | 11/08/2012 03:31 AM | | 0 |
| 332 | Rejected | Normal | switch to VegX 1.5.3 | Aaron Marcuse-Kubitza | 08/06/2012 11:14 PM | | 0 |
| 330 | Rejected | Normal | DwC extension to VegX | Aaron Marcuse-Kubitza | 02/24/2012 02:08 PM | | 0 |
| 329 | New | Normal | make website user-protected | Aaron Marcuse-Kubitza | 04/02/2012 08:54 AM | | 0 |
| 328 | New | Normal | get raw data rather than flat file exports from RAINFOR | Brad Boyle | 01/12/2012 04:21 PM | | 0 |
| 326 | Rejected | Normal | generic MOU template to request data | | 04/10/2014 03:21 AM | | 0 |
| 315 | New | Normal | Import TurboVeg data | Aaron Marcuse-Kubitza | 04/02/2012 08:54 AM | | 0 |
| 309 | Rejected | Normal | mapping and export utility from VegBank to VegX | Aaron Marcuse-Kubitza | 12/06/2012 08:16 PM | | 0 |
| 298 | New | Normal | Try to find source of DwCA (DwC Archives) data | Brad Boyle | 12/14/2011 02:08 PM | | 0 |
| 293 | New | Normal | mapping inversion script | Aaron Marcuse-Kubitza | 12/14/2011 02:31 PM | | 0 |
| 292 | New | Normal | VegBank metadata query mechanism | Aaron Marcuse-Kubitza | 11/08/2012 03:42 AM | | 0 |
| 383 | New | Normal | convert VegBank data dictionary to database comments | Aaron Marcuse-Kubitza | 09/17/2012 10:06 AM | | 20 |
| 583 | New | Normal | MODIS Cloud Mask - landcover interaction | Adam Wilson | 03/08/2013 10:21 AM | | 30 |
| 544 | New | Normal | integrate creation of analytical DB into automated testing | Aaron Marcuse-Kubitza | 10/03/2013 01:00 PM | | 30 |
| 465 | New | Normal | move issue tracker comments to wiki pages to ensure version history | Aaron Marcuse-Kubitza | 10/03/2013 01:03 PM | | 30 |
| 411 | In Progress | Normal | Insert DEM adaptive smoothing procedure into terrain workflow | Jim Regetz | 05/15/2012 11:22 AM | | 30 |
| 360 | In Progress | Normal | Producing, formatting and extracting variables for the GAM regression (OREGON) | Benoit Parmentier | 07/03/2012 09:40 AM | | 30 |
| 303 | New | Normal | Mapping from VegBIEN to original VegBank | Aaron Marcuse-Kubitza | 01/04/2012 04:49 PM | | 30 |
| 208 | In Progress | Normal | Evaluate existing E&O AML scripts | Jim Regetz | 05/15/2012 09:57 AM | 05/04/2011 | 30 |
| 482 | New | Normal | translate README.TXT to wiki page | Aaron Marcuse-Kubitza | 10/03/2013 01:01 PM | | 40 |
| 300 | New | Normal | TurboVeg data | Aaron Marcuse-Kubitza | 12/16/2011 12:31 PM | | 40 |
| 947 | New | Normal | have all scripts that replace DB items rename the existing item out of the way rather than dropping it | Aaron Marcuse-Kubitza | 10/03/2014 03:17 PM | | 50 |
| 577 | Rejected | Normal | use views instead of map spreadsheets to store the datasource mappings | Aaron Marcuse-Kubitza | 03/18/2014 03:10 AM | | 50 |
| 560 | New | Normal | move VegCore data dictionary to a phpPgAdmin-accessible database | Aaron Marcuse-Kubitza | 10/03/2013 01:00 PM | | 50 |
| 467 | New | Normal | underline all to do items in meetings notes | Aaron Marcuse-Kubitza | 10/03/2013 01:02 PM | | 50 |
| 415 | New | Normal | Process MOD06_L2 Cloud data | Adam Wilson | 06/01/2012 12:43 PM | | 50 |

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| 378 | New | Normal | create automated feedback mechanism | Aaron Marcuse-Kubitza | 07/20/2012 06:31 AM | | 50 |
| 320 | Rejected | Normal | Convert user-defined VegX fields to first-class fields | Aaron Marcuse-Kubitza | 10/03/2013 01:08 PM | | 50 |
| 575 | New | Normal | put all wiki attachments in svn | Aaron Marcuse-Kubitza | 10/03/2013 12:56 PM | | 60 |
| 418 | New | Normal | Explore Landcover - LST interactions | Adam Wilson | 06/22/2012 09:47 AM | | 60 |
| 901 | New | Normal | schedule regular pg_dump backups of the DB | Aaron Marcuse-Kubitza | 04/23/2014 03:16 PM | | 70 |
| 485 | New | Normal | track data provider's citation requirements in VegBIEN | Aaron Marcuse-Kubitza | 04/10/2014 03:19 AM | | 70 |
| 416 | In Progress | Normal | Scope out workflow for calculating monthly LST climatologies | Jim Regetz | 05/17/2012 11:38 PM | | 70 |
| 366 | Rejected | Normal | refactor VegX | Aaron Marcuse-Kubitza | 08/06/2012 11:15 PM | | 70 |
| 917 | New | Normal | TNRS: Instructions for new version with TPL | Aaron Marcuse-Kubitza | 04/28/2017 04:38 AM | | 80 |
| 440 | New | Normal | aggregating validations of imports | Aaron Marcuse-Kubitza | 03/28/2014 02:53 AM | | 80 |
| 296 | Resolved | Normal | Direct mapping from native salvias_plots MySQL database to VegBIEN | Aaron Marcuse-Kubitza | 02/09/2012 05:34 PM | | 80 |
| 225 | In Progress | Normal | Organize and document SRTM input DEM files | Jim Regetz | 01/25/2012 04:42 PM | 06/04/2011 | 80 |
| 937 | New | Normal | fix missing date fields | Aaron Marcuse-Kubitza | 10/03/2014 03:18 PM | | 90 |
| 486 | New | Normal | add unit-conversion mechanism | Aaron Marcuse-Kubitza | 10/08/2012 07:16 PM | | 90 |
| 424 | New | Normal | Finish translating XML functions to SQL functions for column-based import | Aaron Marcuse-Kubitza | 10/03/2013 01:05 PM | | 90 |
| 419 | In Progress | Normal | Assessment of results in the context of the literature: Literature review and accuracy | Benoit Parmentier | 08/24/2012 01:40 PM | | 90 |
| 349 | New | Normal | make ERD of full schema | Aaron Marcuse-Kubitza | 02/04/2012 03:27 PM | | 90 |
| 346 | New | Normal | add georeferencing support to schema | Aaron Marcuse-Kubitza | 10/03/2013 01:06 PM | | 90 |
| 286 | New | Normal | CSV-XML-database mapping script | Aaron Marcuse-Kubitza | 12/15/2011 01:03 PM | | 90 |
| 927 | Resolved | Normal | move morphospecies name formation to normalized DB | Aaron Marcuse-Kubitza | 05/27/2014 09:24 PM | | 100 |
| 904 | Resolved | Normal | add MySQL public user to allow accessing the normalized VegCore data dictionary | Aaron Marcuse-Kubitza | 04/28/2017 04:40 AM | | 100 |
| 902 | Resolved | Normal | fix bug that causes joining on the wrong columns in the import | Aaron Marcuse-Kubitza | 04/28/2017 04:39 AM | | 100 |
| 887 | Rejected | Normal | fix disk space leak that fills the disk and crashes the import | Aaron Marcuse-Kubitza | 04/28/2017 04:39 AM | | 100 |
| 584 | Resolved | Normal | enable running all the import steps from one runscrip | Aaron Marcuse-Kubitza | 03/18/2014 03:07 AM | | 100 |
| 565 | Resolved | Normal | partition the TaxonDetermination table by row into the different types of determinations | Aaron Marcuse-Kubitza | 04/13/2013 08:56 AM | | 100 |
| 549 | Resolved | Normal | add covering indexes on fkeys | Aaron Marcuse-Kubitza | 01/04/2013 09:15 PM | | 100 |
| 521 | Resolved | Normal | make place* tables use a structure similar to taxonconcept | Aaron Marcuse-Kubitza | 11/08/2012 03:07 AM | | 100 |
| 501 | Resolved | Normal | find out which datasources won't allow their data to be publicly accessible | Aaron Marcuse-Kubitza | 02/23/2014 07:57 PM | | 100 |
| 499 | Resolved | Normal | map example terms into the taxonomic schema | Aaron Marcuse-Kubitza | 10/08/2012 07:15 PM | | 100 |
| 498 | Resolved | Normal | add definitions to columns in "green tables" | Aaron Marcuse-Kubitza | 10/12/2012 05:01 AM | | 100 |
| 497 | Resolved | Normal | create examples of taxonomic names to test the limits of the new taxonomic schema | Brad Boyle | 10/17/2012 12:02 PM | | 100 |

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| 495 | Resolved | Normal | add separate datasource table rather than using party for this | Aaron Marcuse-Kubitza | 11/08/2012 03:11 AM | | 100 |
| 494 | Resolved | Normal | add indexes for the analytical_db_view joins | Aaron Marcuse-Kubitza | 09/18/2012 05:14 PM | | 100 |
| 484 | Resolved | Normal | support installing staging tables directly from a MySQL export | Aaron Marcuse-Kubitza | 09/05/2012 08:26 AM | | 100 |
| 483 | Resolved | Normal | rename staging table columns according to map.csv | Aaron Marcuse-Kubitza | 09/10/2014 03:56 PM | | 100 |
| 480 | Resolved | Normal | automate adding a new table to an existing datasource | Aaron Marcuse-Kubitza | 08/27/2012 05:51 PM | | 100 |
| 479 | New | Normal | Climatic Stationarity | Adam Wilson | 08/24/2012 01:32 PM | | 100 |
| 473 | Resolved | Normal | use _merge instead of _alt to avoid losing source data on import | Aaron Marcuse-Kubitza | 08/15/2012 07:49 AM | | 100 |
| 471 | Resolved | Normal | add make actions so new dependent maps are rebuilt automatically when their source map changes | Aaron Marcuse-Kubitza | 08/28/2012 06:30 PM | | 100 |
| 470 | Resolved | Normal | source terms from old versions of DwC to the DwC history page | Aaron Marcuse-Kubitza | 02/14/2013 07:19 AM | | 100 |
| 468 | Resolved | Normal | rename/delete and recreate public schema in one transaction | Aaron Marcuse-Kubitza | 03/05/2013 05:07 AM | | 100 |
| 464 | Resolved | Normal | reverse XPathS so that they start with location instead of plantobservation or specimenreplicate | Aaron Marcuse-Kubitza | 08/28/2012 06:31 PM | | 100 |
| 463 | Resolved | Normal | allow an input to appear multiple times in the same map spreadsheet | Aaron Marcuse-Kubitza | 08/03/2012 06:38 PM | | 100 |
| 462 | Resolved | Normal | name backups according to svn revision instead of or in addition to the date | Aaron Marcuse-Kubitza | 10/12/2012 04:56 AM | | 100 |
| 458 | Resolved | Normal | map all VegX sources to stems table | Aaron Marcuse-Kubitza | 08/28/2012 06:29 PM | | 100 |
| 455 | Resolved | Normal | change summarizing queries to use vegbien staging tables | Aaron Marcuse-Kubitza | 09/17/2012 07:01 AM | | 100 |
| 454 | Resolved | Normal | update summarizing queries for current schema | Aaron Marcuse-Kubitza | 11/08/2012 03:22 AM | | 100 |
| 452 | Resolved | Normal | add column-based import to automated testing | Aaron Marcuse-Kubitza | 08/28/2012 06:28 PM | | 100 |
| 444 | Resolved | Normal | test backing up entire DB | Aaron Marcuse-Kubitza | 07/17/2012 03:39 PM | | 100 |
| 443 | Resolved | Normal | back up staging tables | Aaron Marcuse-Kubitza | 07/17/2012 03:58 PM | | 100 |
| 442 | Resolved | Normal | test restoring of import backups | Aaron Marcuse-Kubitza | 07/17/2012 03:51 PM | | 100 |
| 441 | Resolved | Normal | import CTFS data using JOINS from DB export, not VegX | Aaron Marcuse-Kubitza | 09/17/2012 06:59 AM | | 100 |
| 438 | New | Normal | Add buffer to station subsetting algorithm | Adam Wilson | 07/06/2012 06:36 AM | | 100 |
| 430 | New | Normal | Estimate total storage size of daily 1970-2010 1km dataset | Adam Wilson | 06/14/2012 12:34 PM | | 100 |
| 427 | Resolved | Normal | Load all plots data | Aaron Marcuse-Kubitza | 09/17/2012 07:07 AM | | 100 |
| 426 | Resolved | Normal | Reload DB using column-based import | Aaron Marcuse-Kubitza | 07/02/2012 12:03 PM | | 100 |
| 425 | Resolved | Normal | Reimplement row-based logging mechanism for column-based import | Aaron Marcuse-Kubitza | 06/19/2012 01:31 PM | | 100 |
| 386 | Resolved | Normal | load Canadensys data | Aaron Marcuse-Kubitza | 02/14/2013 07:20 AM | | 100 |
| 385 | Resolved | Normal | implement mechanism to determine which specimenreplicates refer to the same specimen | Aaron Marcuse-Kubitza | 03/23/2012 02:14 PM | | 100 |
| 384 | Resolved | Normal | prototype tree traversal algorithm | Aaron Marcuse-Kubitza | 03/23/2012 02:14 PM | | 100 |
| 377 | Resolved | Normal | ask NYBG for direct access to server | Brad Boyle | 10/03/2013 01:06 PM | | 100 |
| 374 | Resolved | Normal | mechanism to export VegBIEN data to flat file | Aaron Marcuse-Kubitza | 07/30/2012 06:19 PM | | 100 |

| # | Status | Priority | Subject | Assignee | Updated | Due date | % Done |
|-----|----------|----------|---|-----------------------|---------------------|------------|--------|
| 373 | Resolved | Normal | map all specimens data in raw_data | Aaron Marcuse-Kubitza | 04/02/2012 10:42 AM | | 100 |
| 372 | Resolved | Normal | talk to Nick about proposed changes to VegX | Aaron Marcuse-Kubitza | 03/05/2012 10:33 AM | | 100 |
| 371 | Resolved | Normal | formalize proposed changes to VegX | Mark Schildhauer | 06/01/2012 03:05 PM | | 100 |
| 370 | Resolved | Normal | create ERD of final schema | Aaron Marcuse-Kubitza | 06/01/2012 03:06 PM | | 100 |
| 369 | Resolved | Normal | get CTFS data dictionary | Aaron Marcuse-Kubitza | 03/23/2012 02:15 PM | | 100 |
| 367 | Resolved | Normal | get Univ of Arizona DwC data | Brad Boyle | 02/28/2012 04:43 PM | | 100 |
| 358 | Resolved | Normal | make shortlist of 1st-level fields a method should have | Brad Boyle | 02/21/2012 01:08 PM | | 100 |
| 356 | Resolved | Normal | support subplot events that link to parent plot events | Aaron Marcuse-Kubitza | 02/10/2012 06:01 PM | | 100 |
| 355 | Resolved | Normal | implement morphospecies using a scoped plantconcept | Aaron Marcuse-Kubitza | 02/10/2012 06:01 PM | | 100 |
| 354 | Resolved | Normal | list of deliverables for next week (2/6-2/10) | Brad Boyle | 02/04/2012 03:25 PM | | 100 |
| 353 | Resolved | Normal | add terms from previous versions of DwC to DwC-BIEN | Aaron Marcuse-Kubitza | 02/28/2012 04:44 PM | | 100 |
| 352 | Resolved | Normal | create way to represent methods hierarchically in schema | Aaron Marcuse-Kubitza | 02/21/2012 01:08 PM | | 100 |
| 351 | Resolved | Normal | list of fields and method attributes needed to know whether can combine data from different plots | Brad Boyle | 02/21/2012 01:09 PM | | 100 |
| 350 | Resolved | Normal | implement methods in VegBIEN | | 02/21/2012 01:08 PM | | 100 |
| 348 | Resolved | Normal | 1st draft of schema | Robert Peet | 06/01/2012 03:07 PM | 02/29/2012 | 100 |
| 347 | Resolved | Normal | revise milestones | | 02/03/2012 05:33 PM | | 100 |
| 345 | Resolved | Normal | integrate GNRS into VegBIEN | | 04/10/2014 03:24 AM | | 100 |
| 344 | Resolved | Normal | contact John about GNRS/georeferencing | Jim Regetz | 10/03/2013 01:07 PM | | 100 |
| 343 | Resolved | Normal | integrate TNRS into VegBIEN | | 11/08/2012 03:32 AM | | 100 |
| 342 | Resolved | Normal | make DwC_BIEN schema | Brad Boyle | 02/09/2012 05:28 PM | | 100 |
| 340 | Resolved | Normal | put together definitions of abstract BIEN terms | | 03/05/2013 05:04 AM | | 100 |
| 338 | Resolved | Normal | put together samples of SALVIAS data that aggregates individuals and stems in different ways | Aaron Marcuse-Kubitza | 01/30/2012 04:12 PM | | 100 |
| 336 | Resolved | Normal | create VegBIEN ERD | Aaron Marcuse-Kubitza | 01/19/2012 05:32 PM | | 100 |
| 334 | Resolved | Normal | which DarwinCore attributes do we want to include in the specimen table? | Brad Boyle | 01/19/2012 11:30 AM | | 100 |
| 333 | Resolved | Normal | add traits table to VegBIEN | Aaron Marcuse-Kubitza | 10/03/2013 01:07 PM | | 100 |
| 331 | Resolved | Normal | use VegX's individualOrganismObservation/relatedItem to model stems | Aaron Marcuse-Kubitza | 01/19/2012 11:33 AM | | 100 |
| 327 | Resolved | Normal | look into Clio | Mark Schildhauer | 09/17/2012 07:09 AM | | 100 |
| 325 | Resolved | Normal | map CTFS data | Aaron Marcuse-Kubitza | 06/01/2012 03:12 PM | | 100 |
| 324 | Resolved | Normal | NYBG validations | Aaron Marcuse-Kubitza | 10/03/2013 01:08 PM | | 100 |
| 323 | Resolved | Normal | map NYBG data | Aaron Marcuse-Kubitza | 02/09/2012 05:29 PM | | 100 |
| 322 | Resolved | Normal | get access to raw CTFS data | Brad Boyle | 01/19/2012 11:31 AM | | 100 |
| 321 | Resolved | Normal | Convert user-defined VegBIEN fields to first-class fields | Aaron Marcuse-Kubitza | 04/02/2012 10:42 AM | | 100 |

| # | Status | Priority | Subject | Assignee | Updated | Due date | % Done |
|-----|-------------|----------|---|-----------------------|---------------------|------------|--------|
| 319 | Resolved | Normal | Update statistics/lists of user-defined fields in use in VegX and VegBIEN | Aaron Marcuse-Kubitza | 04/02/2012 10:45 AM | | 100 |
| 318 | Resolved | Normal | decide whether to switch to VegX 1.5.2 | | 01/19/2012 11:29 AM | | 100 |
| 314 | Resolved | Normal | Import CTFS data | Aaron Marcuse-Kubitza | 09/17/2012 07:03 AM | | 100 |
| 313 | Resolved | Normal | Import full NYBG data | Aaron Marcuse-Kubitza | 02/09/2012 05:30 PM | | 100 |
| 312 | Resolved | Normal | Finish importing SALVIAS data | Aaron Marcuse-Kubitza | 10/03/2013 01:09 PM | | 100 |
| 311 | Resolved | Normal | Decouple VegBIEN from VegBank and map directly from VegX to VegBIEN | Aaron Marcuse-Kubitza | 01/05/2012 04:53 PM | | 100 |
| 310 | Resolved | Normal | automated build process | Aaron Marcuse-Kubitza | 12/22/2011 12:31 PM | | 100 |
| 308 | Resolved | Normal | do a direct transfer of some public data from VegBank | Aaron Marcuse-Kubitza | 11/08/2012 03:32 AM | | 100 |
| 307 | Resolved | Normal | Acquire additional specimen data sets in both DwC and DwCA format, esp. GBIF | Brad Boyle | 10/03/2013 01:09 PM | | 100 |
| 306 | Resolved | Normal | Acquire additional plot data sets from providers willing to work with Aaron on mappings and validations | Brad Boyle | 10/03/2013 01:09 PM | | 100 |
| 305 | Resolved | Normal | Complete full-dataset validations for NYBG & SALVIAS | Aaron Marcuse-Kubitza | 10/03/2013 01:09 PM | | 100 |
| 304 | Resolved | Normal | Complete full dataset imports to VegBIEN via VegX of NYBG and SALVIAS | Aaron Marcuse-Kubitza | 04/02/2012 10:46 AM | | 100 |
| 302 | Resolved | Normal | Make changes to VegBIEN schema | Aaron Marcuse-Kubitza | 01/19/2012 11:35 AM | | 100 |
| 301 | Resolved | Normal | RAINFOR data | Brad Boyle | 10/03/2013 01:10 PM | | 100 |
| 299 | Resolved | Normal | Mapping from NVS to VegX and VegBIEN | Aaron Marcuse-Kubitza | 12/06/2012 08:13 PM | | 100 |
| 297 | Resolved | Normal | Request new data dump of specimen data from GBIF, this time in DwC format | Brad Boyle | 10/03/2013 01:10 PM | | 100 |
| 295 | Resolved | Normal | provide benchmark queries for NYBG data | Brad Boyle | 12/13/2011 12:11 PM | | 100 |
| 294 | Resolved | Normal | find plot data source provider to work with Aaron | Brad Boyle | 10/03/2013 01:10 PM | | 100 |
| 291 | Resolved | Normal | list of milestones | | 12/15/2011 01:53 PM | | 100 |
| 290 | Resolved | Normal | benchmark tests for database loading | Aaron Marcuse-Kubitza | 03/28/2014 02:52 AM | | 100 |
| 289 | Resolved | Normal | look for formal mapping mechanism | Aaron Marcuse-Kubitza | 04/02/2012 08:55 AM | | 100 |
| 288 | Resolved | Normal | VegX-VegBank mapping | Aaron Marcuse-Kubitza | 09/17/2012 07:05 AM | | 100 |
| 287 | Resolved | Normal | XML to database conversion script (merged into CSV-XML-database mapping script) | Aaron Marcuse-Kubitza | 12/06/2011 04:31 PM | | 100 |
| 285 | Resolved | Normal | CSV to XML mappings for NYBG, SALVIAS | Aaron Marcuse-Kubitza | 12/15/2011 01:55 PM | | 100 |
| 262 | Closed | Normal | Organize and document ASTER input DEM files | Natalie Robinson | 09/21/2011 12:50 PM | | 100 |
| 219 | Rejected | Normal | Good News: JPL provides comprehensive Global List of ALL ASTER DEM files | Rick Reeves | 10/17/2011 11:12 AM | 05/06/2011 | 100 |
| 207 | In Progress | Normal | Produce global fused DEM layer | Natalie Robinson | 10/10/2012 05:15 PM | 05/31/2011 | 100 |
| 118 | Closed | Normal | Provide shared server access to 50-100GB of data | Jim Regetz | 03/17/2011 09:19 AM | 10/11/2010 | 100 |
| 92 | Closed | Normal | Create subversion repository | Jim Regetz | 03/17/2011 09:19 AM | | 100 |