

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated |
|-----|---------------------------------------|---------|-------------|-----------|--|-----------------------|---------------------|
| 898 | BIEN 3 | Task | New | Immediate | remove dependencies on the development machine | Aaron Marcuse-Kubitza | 11/17/2014 08:47 AM |
| 886 | BIEN 3 | Task | New | Immediate | move test DB to vegbiendev VM | Aaron Marcuse-Kubitza | 11/17/2014 08:27 AM |
| 869 | BIEN 3 | Task | New | Immediate | enable schema changes to be made on vegbiendev rather than the development machine | Aaron Marcuse-Kubitza | 11/17/2014 08:47 AM |
| 970 | Remote sensing of global biodiversity | Task | New | High | Write perspectives paper | Ryan Pavlick | 12/12/2014 02:37 PM |
| 963 | BIEN 3 | Bug | New | High | fix slow loading of pages hosted on vegbiendev | Aaron Marcuse-Kubitza | 10/16/2014 12:47 PM |
| 962 | BIEN 3 | Task | New | High | walk through loading of datasources from scratch | Aaron Marcuse-Kubitza | 10/16/2014 09:38 AM |
| 961 | BIEN 3 | Task | New | High | test that staging tables can be reloaded from scratch | Aaron Marcuse-Kubitza | 10/26/2014 05:16 PM |
| 953 | BIEN 3 | Bug | New | High | CVS and VegBank data | Aaron Marcuse-Kubitza | 04/28/2017 04:30 AM |
| 952 | BIEN 3 | Task | New | High | refresh GBIF so it can be published | Aaron Marcuse-Kubitza | 09/16/2014 05:12 PM |
| 945 | BIEN 3 | Bug | New | High | incorrect synonym being selected in TNRS | | 10/17/2014 03:40 PM |
| 944 | BIEN 3 | Bug | New | High | fix phpPgAdmin bug that crashes the DB when browsing large tables | Aaron Marcuse-Kubitza | 04/28/2017 04:35 AM |
| 943 | BIEN 3 | Bug | 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 |
| 936 | BIEN 3 | Task | 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 |
| 934 | BIEN 3 | Task | New | High | Data Dictionary | Aaron Marcuse-Kubitza | 10/03/2014 03:19 PM |
| 928 | BIEN 3 | Task | New | High | switch to new TNRS setup | Aaron Marcuse-Kubitza | 08/25/2014 05:19 PM |
| 916 | BIEN 3 | Task | New | High | Taxon name validation: VegBank | Aaron Marcuse-Kubitza | 06/19/2014 11:00 AM |
| 831 | BIEN 3 | Task | New | High | make tests use their own public schema | Aaron Marcuse-Kubitza | 07/28/2014 04:50 PM |
| 814 | BIEN 3 | Task | New | High | rename columns by name, not position | Aaron Marcuse-Kubitza | 10/31/2014 03:24 PM |
| 767 | BIEN 3 | Task | New | High | autodetect column mismatches | Aaron Marcuse-Kubitza | 03/18/2014 03:15 AM |
| 363 | Environment and organisms | Task | In Progress | High | Assemble all GHCN data into a single database | Jim Regetz | 07/03/2012 09:45 AM |
| 211 | Environment and organisms | Task | New | High | Produce global flow accumulation layer | Rick Reeves | 04/14/2011 02:29 PM |
| 210 | Environment and organisms | Task | New | High | Produce global aspect layer | Rick Reeves | 04/29/2011 11:05 AM |
| 209 | Environment and organisms | Task | New | High | Produce global slope layer | Rick Reeves | 04/29/2011 11:04 AM |
| 966 | BIEN 3 | Bug | New | Normal | figure out why some rows are not getting geoscrubbed | Aaron Marcuse-Kubitza | 10/25/2014 03:29 PM |
| 949 | BIEN 3 | Bug | New | Normal | fix shortened view_full_occurrence_individual column names that are now ambiguous | Aaron Marcuse-Kubitza | 10/03/2014 03:22 PM |

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| 947 | BIEN 3 | Task | 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 |
| 946 | BIEN 3 | Task | 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 |
| 938 | BIEN 3 | Task | New | Normal | Enquist's taxon validation | Aaron Marcuse-Kubitza | 06/25/2014 01:19 PM |
| 937 | BIEN 3 | Task | New | Normal | fix missing date fields | Aaron Marcuse-Kubitza | 10/03/2014 03:18 PM |
| 932 | BIEN 3 | Task | New | Normal | Discovering BIEN data through iPlant | Brian Enquist | 05/22/2014 04:43 PM |
| 931 | BIEN 3 | Task | New | Normal | BIEN db at iPlant | Martha Narro | 05/22/2014 04:32 PM |
| 929 | BIEN 3 | Task | New | Normal | change TNRS client to store metadata | Aaron Marcuse-Kubitza | 06/26/2014 05:24 PM |
| 917 | BIEN 3 | Task | New | Normal | TNRS: Instructions for new version with TPL | Aaron Marcuse-Kubitza | 04/28/2017 04:38 AM |
| 915 | BIEN 3 | Task | New | Normal | Taxon Name Validation | Aaron Marcuse-Kubitza | 04/28/2017 04:21 AM |
| 909 | BIEN 3 | Task | 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 |
| 908 | BIEN 3 | Task | New | Normal | generate the source-general derived columns directly on the denormalized staging table | Aaron Marcuse-Kubitza | 04/28/2017 04:39 AM |
| 901 | BIEN 3 | Task | New | Normal | schedule regular pg_dump backups of the DB | Aaron Marcuse-Kubitza | 04/23/2014 03:16 PM |
| 899 | BIEN 3 | Task | New | Normal | remove dependencies on Mac | Aaron Marcuse-Kubitza | 04/16/2014 10:14 PM |
| 878 | BIEN 3 | Task | New | Normal | fix crow's foot notation in ERD | Aaron Marcuse-Kubitza | 04/16/2014 10:16 PM |
| 871 | BIEN 3 | Task | New | Normal | grant bien_read access to validation result tables | Aaron Marcuse-Kubitza | 02/23/2014 08:03 PM |
| 870 | BIEN 3 | Task | New | Normal | grant bien_read access to publishable staging tables | Aaron Marcuse-Kubitza | 02/23/2014 08:02 PM |
| 859 | BIEN 3 | Task | New | Normal | fix slowness in _taxonlabel_set_parent_id() | Aaron Marcuse-Kubitza | 01/20/2014 09:14 PM |
| 857 | BIEN 3 | Task | New | Normal | standardize taxon ranks to a common vocabulary | Aaron Marcuse-Kubitza | 01/16/2014 10:40 AM |
| 856 | BIEN 3 | Task | New | Normal | data provider feedback tables: include the individual records that have errors | Aaron Marcuse-Kubitza | 01/16/2014 10:42 AM |
| 816 | BIEN 3 | Task | New | Normal | re-run TNRS on mis-scrubbed names | Aaron Marcuse-Kubitza | 01/09/2014 09:44 AM |
| 815 | BIEN 3 | Task | New | Normal | auto-prepend table name to columns | Aaron Marcuse-Kubitza | 11/08/2013 10:10 PM |
| 747 | Environment and organisms | Task | New | Normal | Run interpolation over all five case study regions | | 08/22/2013 12:23 PM |
| 746 | Environment and organisms | Task | New | Normal | Generate Global Monthly Median (Climatologies) MODIS LST | | 08/22/2013 12:19 PM |
| 745 | Environment and organisms | Task | New | Normal | Run interpolation over tiles for North America | Alberto Guzman | 08/22/2013 12:01 PM |
| 744 | Environment and organisms | Task | New | Normal | Create Global Grid for Interpolation | Alberto Guzman | 08/22/2013 11:58 AM |
| 636 | BIEN 3 | Task | 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 |

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|-----|---------------------------|---------|-------------|----------|--|-----------------------|---------------------|
| 612 | Environment and organisms | Task | New | Normal | DEM Evaluation | Natalie Robinson | 05/09/2013 08:10 AM |
| 583 | Environment and organisms | Task | New | Normal | MODIS Cloud Mask - landcover interaction | Adam Wilson | 03/08/2013 10:21 AM |
| 581 | BIEN 3 | Task | New | Normal | mechanism to dynamically autopopulate NOT NULL values | Aaron Marcuse-Kubitza | 03/06/2013 10:57 PM |
| 580 | BIEN 3 | Task | New | Normal | automap each word *in* a VegCore term instead of just the whole term | Aaron Marcuse-Kubitza | 03/06/2013 09:08 PM |
| 579 | BIEN 3 | Task | 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 |
| 578 | BIEN 3 | Task | 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 |
| 576 | BIEN 3 | Task | New | Normal | merge the datasources' mappings into the VegCore data dictionary | Aaron Marcuse-Kubitza | 03/05/2013 05:09 AM |
| 575 | BIEN 3 | Task | New | Normal | put all wiki attachments in svn | Aaron Marcuse-Kubitza | 10/03/2013 12:56 PM |
| 574 | BIEN 3 | Task | New | Normal | mechanism to manually override the CSV dialect, encoding, etc. | Aaron Marcuse-Kubitza | 02/26/2013 12:48 PM |
| 573 | BIEN 3 | Task | New | Normal | automap the analytical DB columns | Aaron Marcuse-Kubitza | 03/05/2013 09:41 PM |
| 568 | Environment and organisms | Task | New | Normal | Interpolation of temperatures in the Venezuela region | | 03/08/2013 10:24 AM |
| 566 | BIEN 3 | Task | New | Normal | automatically adjust staging tables for easier mapping | Aaron Marcuse-Kubitza | 02/14/2013 11:04 AM |
| 564 | BIEN 3 | Task | New | Normal | make all VegBIEN column names globally unique | Aaron Marcuse-Kubitza | 03/09/2013 02:10 AM |
| 563 | BIEN 3 | Task | New | Normal | refactor VegBIEN to use VegCore terms | Aaron Marcuse-Kubitza | 02/14/2013 06:33 AM |
| 562 | BIEN 3 | Task | New | Normal | flatten the mappings | Aaron Marcuse-Kubitza | 03/28/2014 03:05 AM |
| 561 | BIEN 3 | Task | New | Normal | make VegBIEN ID fields plain-text instead of numeric | Aaron Marcuse-Kubitza | 12/03/2013 05:54 AM |
| 560 | BIEN 3 | Task | New | Normal | move VegCore data dictionary to a phpPgAdmin-accessible database | Aaron Marcuse-Kubitza | 10/03/2013 01:00 PM |
| 552 | Environment and organisms | Task | In Progress | Normal | Facilitate raster buffering across antimeridian | Jim Regetz | 01/18/2013 05:41 PM |
| 548 | BIEN 3 | Task | New | Normal | remove benign errors from the data provider feedback tables | Aaron Marcuse-Kubitza | 12/20/2012 02:36 PM |
| 544 | BIEN 3 | Task | New | Normal | integrate creation of analytical DB into automated testing | Aaron Marcuse-Kubitza | 10/03/2013 01:00 PM |
| 522 | BIEN 3 | Task | New | Normal | fix deadlock when multiple testers are running simultaneously | Aaron Marcuse-Kubitza | 10/12/2012 01:06 AM |
| 500 | BIEN 3 | Task | 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 |
| 491 | Environment and organisms | Task | In Progress | Normal | Methods comparison | Benoit Parmentier | 12/12/2012 04:36 PM |
| 490 | BIEN 3 | Task | New | Normal | change import.stats.xls to use field rather than row count | Aaron Marcuse-Kubitza | 09/10/2012 06:55 PM |
| 486 | BIEN 3 | Task | New | Normal | add unit-conversion mechanism | Aaron Marcuse-Kubitza | 10/08/2012 07:16 PM |
| 485 | BIEN 3 | Task | New | Normal | track data provider's citation requirements in VegBIEN | Aaron Marcuse-Kubitza | 04/10/2014 03:19 AM |
| 482 | BIEN 3 | Task | New | Normal | translate README.TXT to wiki page | Aaron Marcuse-Kubitza | 10/03/2013 01:01 PM |

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| 479 | Environment and organisms | Task | New | Normal | Climatic Stationarity | Adam Wilson | 08/24/2012 01:32 PM |
| 476 | BIEN 3 | Task | New | Normal | develop map spreadsheet -> header override file translation utility | Aaron Marcuse-Kubitza | 09/10/2014 03:58 PM |
| 469 | BIEN 3 | Task | New | Normal | give everyone their own account on vegbien | Aaron Marcuse-Kubitza | 08/27/2012 05:52 PM |
| 467 | BIEN 3 | Task | New | Normal | underline all to do items in meetings notes | Aaron Marcuse-Kubitza | 10/03/2013 01:02 PM |
| 465 | BIEN 3 | Task | New | Normal | move issue tracker comments to wiki pages to ensure version history | Aaron Marcuse-Kubitza | 10/03/2013 01:03 PM |
| 461 | BIEN 3 | Task | New | Normal | don't display warning when nullable boolean columns are handled without using COALESCE() | Aaron Marcuse-Kubitza | 08/01/2012 06:57 AM |
| 459 | BIEN 3 | Task | 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 |
| 457 | BIEN 3 | Task | New | Normal | use driver-native autocommit mode instead of our custom autocommit implementation | Aaron Marcuse-Kubitza | 07/30/2012 07:19 PM |
| 456 | BIEN 3 | Task | 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 |
| 453 | BIEN 3 | Task | New | Normal | cluster vegbien tables periodically | Aaron Marcuse-Kubitza | 07/30/2012 06:50 PM |
| 451 | BIEN 3 | Task | New | Normal | verify database contents as part of automated testing | Aaron Marcuse-Kubitza | 07/30/2012 06:25 PM |
| 450 | BIEN 3 | Task | New | Normal | cast all untyped literals as text using cast_literal() | Aaron Marcuse-Kubitza | 07/30/2012 04:24 PM |
| 449 | BIEN 3 | Task | New | Normal | optimize JOINS on existing rows | Aaron Marcuse-Kubitza | 07/30/2012 04:15 PM |
| 448 | BIEN 3 | Task | New | Normal | timeout ANALYZE queries | Aaron Marcuse-Kubitza | 07/30/2012 04:15 PM |
| 446 | BIEN 3 | Task | New | Normal | fix deadlock in INSERT IGNORE replacement | Aaron Marcuse-Kubitza | 02/23/2014 08:01 PM |
| 440 | BIEN 3 | Task | New | Normal | aggregating validations of imports | Aaron Marcuse-Kubitza | 03/28/2014 02:53 AM |
| 438 | Environment and organisms | Task | New | Normal | Add buffer to station subsetting algorithm | Adam Wilson | 07/06/2012 06:36 AM |
| 430 | Environment and organisms | Task | New | Normal | Estimate total storage size of daily 1970-2010 1km dataset | Adam Wilson | 06/14/2012 12:34 PM |
| 424 | BIEN 3 | Task | New | Normal | Finish translating XML functions to SQL functions for column-based import | Aaron Marcuse-Kubitza | 10/03/2013 01:05 PM |
| 423 | Environment and organisms | Task | New | Normal | Develop stratified station sampling procedure | Adam Wilson | 06/01/2012 12:54 PM |
| 419 | Environment and organisms | Task | In Progress | Normal | Assessment of results in the context of the literature: Literature review and accuracy | Benoit Parmentier | 08/24/2012 01:40 PM |
| 418 | Environment and organisms | Task | New | Normal | Explore Landcover - LST interactions | Adam Wilson | 06/22/2012 09:47 AM |
| 416 | Environment and organisms | Task | In Progress | Normal | Scope out workflow for calculating monthly LST climatologies | Jim Regetz | 05/17/2012 11:38 PM |
| 415 | Environment and organisms | Task | New | Normal | Process MOD06_L2 Cloud data | Adam Wilson | 06/01/2012 12:43 PM |
| 411 | Environment and organisms | Task | In Progress | Normal | Insert DEM adaptive smoothing procedure into terrain workflow | Jim Regetz | 05/15/2012 11:22 AM |

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|-----|---------------------------|---------|-------------|----------|---|-----------------------|---------------------|
| 409 | Environment and organisms | Task | New | Normal | Effect of sampling on GAM: hold out proportions and sampling observations | Benoit Parmentier | 05/01/2012 02:16 PM |
| 408 | Environment and organisms | Task | New | Normal | Capturing LST spatial structure using spatial eigenvectors | Benoit Parmentier | 05/09/2012 03:40 PM |
| 406 | Environment and organisms | Task | New | Normal | OR-GAM predictions-model assessment over 365 dates, year 2010 | Benoit Parmentier | 05/08/2012 04:31 PM |
| 393 | Environment and organisms | Task | New | Normal | Identify Focal Regions | Adam Wilson | 05/02/2012 02:16 PM |
| 387 | BIEN 3 | Task | New | Normal | count how many duplicates between Canadensys and GBIF | Aaron Marcuse-Kubitza | 03/16/2012 02:59 PM |
| 383 | BIEN 3 | Task | New | Normal | convert VegBank data dictionary to database comments | Aaron Marcuse-Kubitza | 09/17/2012 10:06 AM |
| 378 | BIEN 3 | Task | New | Normal | create automated feedback mechanism | Aaron Marcuse-Kubitza | 07/20/2012 06:31 AM |
| 376 | Environment and organisms | Task | New | Normal | Assemble monthly mean TRMM precipitation values for the complete record for Oregon | | 03/07/2012 08:38 AM |
| 375 | Environment and organisms | Task | New | Normal | Assemble monthly mean MODIS LST values for the complete record (2000-2012) for Oregon | | 05/17/2012 03:44 PM |
| 364 | Environment and organisms | Task | New | Normal | Integrate spatial variables and structure in the GAM methodology | | 06/05/2012 12:27 AM |
| 362 | Environment and organisms | Task | New | Normal | Decide on a map projection for the Oregon case study | | 07/17/2012 10:37 AM |
| 361 | Environment and organisms | Task | 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 |
| 360 | Environment and organisms | Task | In Progress | Normal | Producing, formatting and extracting variables for the GAM regression (OREGON) | Benoit Parmentier | 07/03/2012 09:40 AM |
| 359 | Environment and organisms | Task | In Progress | Normal | Test GAM method to produce Tmax for one day (OREGON): r script | Benoit Parmentier | 02/29/2012 06:27 PM |
| 349 | BIEN 3 | Task | New | Normal | make ERD of full schema | Aaron Marcuse-Kubitza | 02/04/2012 03:27 PM |
| 346 | BIEN 3 | Task | New | Normal | add georeferencing support to schema | Aaron Marcuse-Kubitza | 10/03/2013 01:06 PM |
| 341 | BIEN 3 | Task | New | Normal | create verbal descriptions of edge cases | Brad Boyle | 01/27/2012 03:03 PM |
| 339 | BIEN 3 | Task | New | Normal | have "schema showdown" | | 01/24/2012 06:32 PM |
| 329 | BIEN 3 | Task | New | Normal | make website user-protected | Aaron Marcuse-Kubitza | 04/02/2012 08:54 AM |
| 328 | BIEN 3 | Task | New | Normal | get raw data rather than flat file exports from RAINFOR | Brad Boyle | 01/12/2012 04:21 PM |
| 315 | BIEN 3 | Task | New | Normal | Import TurboVeg data | Aaron Marcuse-Kubitza | 04/02/2012 08:54 AM |
| 303 | BIEN 3 | Task | New | Normal | Mapping from VegBIEN to original VegBank | Aaron Marcuse-Kubitza | 01/04/2012 04:49 PM |
| 300 | BIEN 3 | Task | New | Normal | TurboVeg data | Aaron Marcuse-Kubitza | 12/16/2011 12:31 PM |
| 298 | BIEN 3 | Task | New | Normal | Try to find source of DwCA (DwC Archives) data | Brad Boyle | 12/14/2011 02:08 PM |
| 293 | BIEN 3 | Task | New | Normal | mapping inversion script | Aaron Marcuse-Kubitza | 12/14/2011 02:31 PM |
| 292 | BIEN 3 | Task | New | Normal | VegBank metadata query mechanism | Aaron Marcuse-Kubitza | 11/08/2012 03:42 AM |

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| 286 | BIEN 3 | Task | New | Normal | CSV-XML-database mapping script | Aaron Marcuse-Kubitza | 12/15/2011 01:03 PM |
| 225 | Environment and organisms | Task | In Progress | Normal | Organize and document SRTM input DEM files | Jim Regetz | 01/25/2012 04:42 PM |
| 208 | Environment and organisms | Task | In Progress | Normal | Evaluate existing E&O AML scripts | Jim Regetz | 05/15/2012 09:57 AM |
| 207 | Environment and organisms | Task | In Progress | Normal | Produce global fused DEM layer | Natalie Robinson | 10/10/2012 05:15 PM |