

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
207	Environment and organisms	Task	In Progress	Normal	Produce global fused DEM layer	Natalie Robinson	10/10/2012 05:15 PM
208	Environment and organisms	Task	In Progress	Normal	Evaluate existing E&O AML scripts	Jim Regetz	05/15/2012 09:57 AM
209	Environment and organisms	Task	New	High	Produce global slope layer	Rick Reeves	04/29/2011 11:04 AM
210	Environment and organisms	Task	New	High	Produce global aspect layer	Rick Reeves	04/29/2011 11:05 AM
211	Environment and organisms	Task	New	High	Produce global flow accumulation layer	Rick Reeves	04/14/2011 02:29 PM
225	Environment and organisms	Task	In Progress	Normal	Organize and document SRTM input DEM files	Jim Regetz	01/25/2012 04:42 PM
286	BIEN 3	Task	New	Normal	CSV-XML-database mapping script	Aaron Marcuse-Kubitza	12/15/2011 01:03 PM
292	BIEN 3	Task	New	Normal	VegBank metadata query mechanism	Aaron Marcuse-Kubitza	11/08/2012 03:42 AM
293	BIEN 3	Task	New	Normal	mapping inversion script	Aaron Marcuse-Kubitza	12/14/2011 02:31 PM
298	BIEN 3	Task	New	Normal	Try to find source of DwCA (DwC Archives) data	Brad Boyle	12/14/2011 02:08 PM
300	BIEN 3	Task	New	Normal	TurboVeg data	Aaron Marcuse-Kubitza	12/16/2011 12:31 PM
303	BIEN 3	Task	New	Normal	Mapping from VegBIEN to original VegBank	Aaron Marcuse-Kubitza	01/04/2012 04:49 PM
315	BIEN 3	Task	New	Normal	Import TurboVeg data	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
329	BIEN 3	Task	New	Normal	make website user-protected	Aaron Marcuse-Kubitza	04/02/2012 08:54 AM
339	BIEN 3	Task	New	Normal	have "schema showdown"		01/24/2012 06:32 PM
341	BIEN 3	Task	New	Normal	create verbal descriptions of edge cases	Brad Boyle	01/27/2012 03:03 PM
346	BIEN 3	Task	New	Normal	add georeferencing support to schema	Aaron Marcuse-Kubitza	10/03/2013 01:06 PM
349	BIEN 3	Task	New	Normal	make ERD of full schema	Aaron Marcuse-Kubitza	02/04/2012 03:27 PM
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
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
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
362	Environment and organisms	Task	New	Normal	Decide on a map projection for the Oregon case study		07/17/2012 10:37 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

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364	Environment and organisms	Task	New	Normal	Integrate spatial variables and structure in the GAM methodology		06/05/2012 12:27 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
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
378	BIEN 3	Task	New	Normal	create automated feedback mechanism	Aaron Marcuse-Kubitza	07/20/2012 06:31 AM
383	BIEN 3	Task	New	Normal	convert VegBank data dictionary to database comments	Aaron Marcuse-Kubitza	09/17/2012 10:06 AM
387	BIEN 3	Task	New	Normal	count how many duplicates between Canadensys and GBIF	Aaron Marcuse-Kubitza	03/16/2012 02:59 PM
393	Environment and organisms	Task	New	Normal	Identify Focal Regions	Adam Wilson	05/02/2012 02:16 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
408	Environment and organisms	Task	New	Normal	Capturing LST spatial structure using spatial eigenvectors	Benoit Parmentier	05/09/2012 03:40 PM
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
411	Environment and organisms	Task	In Progress	Normal	Insert DEM adaptive smoothing procedure into terrain workflow	Jim Regetz	05/15/2012 11:22 AM
415	Environment and organisms	Task	New	Normal	Process MOD06_L2 Cloud data	Adam Wilson	06/01/2012 12:43 PM
416	Environment and organisms	Task	In Progress	Normal	Scope out workflow for calculating monthly LST climatologies	Jim Regetz	05/17/2012 11:38 PM
418	Environment and organisms	Task	New	Normal	Explore Landcover - LST interactions	Adam Wilson	06/22/2012 09:47 AM
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
423	Environment and organisms	Task	New	Normal	Develop stratified station sampling procedure	Adam Wilson	06/01/2012 12:54 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
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
438	Environment and organisms	Task	New	Normal	Add buffer to station subsetting algorithm	Adam Wilson	07/06/2012 06:36 AM
440	BIEN 3	Task	New	Normal	aggregating validations of imports	Aaron Marcuse-Kubitza	03/28/2014 02:53 AM
446	BIEN 3	Task	New	Normal	fix deadlock in INSERT IGNORE replacement	Aaron Marcuse-Kubitza	02/23/2014 08:01 PM
448	BIEN 3	Task	New	Normal	timeout ANALYZE queries	Aaron Marcuse-Kubitza	07/30/2012 04:15 PM
449	BIEN 3	Task	New	Normal	optimize JOINS on existing rows	Aaron Marcuse-Kubitza	07/30/2012 04:15 PM

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450	BIEN 3	Task	New	Normal	cast all untyped literals as text using cast_literal()	Aaron Marcuse-Kubitza	07/30/2012 04:24 PM
451	BIEN 3	Task	New	Normal	verify database contents as part of automated testing	Aaron Marcuse-Kubitza	07/30/2012 06:25 PM
453	BIEN 3	Task	New	Normal	cluster vegbien tables periodically	Aaron Marcuse-Kubitza	07/30/2012 06:50 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
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
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
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
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
467	BIEN 3	Task	New	Normal	underline all to do items in meetings notes	Aaron Marcuse-Kubitza	10/03/2013 01:02 PM
469	BIEN 3	Task	New	Normal	give everyone their own account on vegbien	Aaron Marcuse-Kubitza	08/27/2012 05:52 PM
476	BIEN 3	Task	New	Normal	develop map spreadsheet -> header override file translation utility	Aaron Marcuse-Kubitza	09/10/2014 03:58 PM
479	Environment and organisms	Task	New	Normal	Climatic Stationarity	Adam Wilson	08/24/2012 01:32 PM
482	BIEN 3	Task	New	Normal	translate README.TXT to wiki page	Aaron Marcuse-Kubitza	10/03/2013 01:01 PM
485	BIEN 3	Task	New	Normal	track data provider's citation requirements in VegBIEN	Aaron Marcuse-Kubitza	04/10/2014 03:19 AM
486	BIEN 3	Task	New	Normal	add unit-conversion mechanism	Aaron Marcuse-Kubitza	10/08/2012 07:16 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
491	Environment and organisms	Task	In Progress	Normal	Methods comparison	Benoit Parmentier	12/12/2012 04:36 PM
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
522	BIEN 3	Task	New	Normal	fix deadlock when multiple testers are running simultaneously	Aaron Marcuse-Kubitza	10/12/2012 01:06 AM
544	BIEN 3	Task	New	Normal	integrate creation of analytical DB into automated testing	Aaron Marcuse-Kubitza	10/03/2013 01:00 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
552	Environment and organisms	Task	In Progress	Normal	Facilitate raster buffering across antimeridian	Jim Regetz	01/18/2013 05:41 PM
560	BIEN 3	Task	New	Normal	move VegCore data dictionary to a phpPgAdmin-accessible database	Aaron Marcuse-Kubitza	10/03/2013 01:00 PM
561	BIEN 3	Task	New	Normal	make VegBIEN ID fields plain-text instead of numeric	Aaron Marcuse-Kubitza	12/03/2013 05:54 AM
562	BIEN 3	Task	New	Normal	flatten the mappings	Aaron Marcuse-Kubitza	03/28/2014 03:05 AM
563	BIEN 3	Task	New	Normal	refactor VegBIEN to use VegCore terms	Aaron Marcuse-Kubitza	02/14/2013 06:33 AM
564	BIEN 3	Task	New	Normal	make all VegBIEN column names globally unique	Aaron Marcuse-Kubitza	03/09/2013 02:10 AM
566	BIEN 3	Task	New	Normal	automatically adjust staging tables for easier mapping	Aaron Marcuse-Kubitza	02/14/2013 11:04 AM

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568	Environment and organisms	Task	New	Normal	Interpolation of temperatures in the Venezuela region		03/08/2013 10:24 AM
573	BIEN 3	Task	New	Normal	automap the analytical DB columns	Aaron Marcuse-Kubitza	03/05/2013 09:41 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
575	BIEN 3	Task	New	Normal	put all wiki attachments in svn	Aaron Marcuse-Kubitza	10/03/2013 12:56 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
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
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
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
581	BIEN 3	Task	New	Normal	mechanism to dynamically autopopulate NOT NULL values	Aaron Marcuse-Kubitza	03/06/2013 10:57 PM
583	Environment and organisms	Task	New	Normal	MODIS Cloud Mask - landcover interaction	Adam Wilson	03/08/2013 10:21 AM
612	Environment and organisms	Task	New	Normal	DEM Evaluation	Natalie Robinson	05/09/2013 08:10 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
744	Environment and organisms	Task	New	Normal	Create Global Grid for Interpolation	Alberto Guzman	08/22/2013 11:58 AM
745	Environment and organisms	Task	New	Normal	Run interpolation over tiles for North America	Alberto Guzman	08/22/2013 12:01 PM
746	Environment and organisms	Task	New	Normal	Generate Global Monthly Median (Climatologies) MODIS LST		08/22/2013 12:19 PM
747	Environment and organisms	Task	New	Normal	Run interpolation over all five case study regions		08/22/2013 12:23 PM
767	BIEN 3	Task	New	High	autodetect column mismatches	Aaron Marcuse-Kubitza	03/18/2014 03:15 AM
814	BIEN 3	Task	New	High	rename columns by name, not position	Aaron Marcuse-Kubitza	10/31/2014 03:24 PM
815	BIEN 3	Task	New	Normal	auto-prepend table name to columns	Aaron Marcuse-Kubitza	11/08/2013 10:10 PM
816	BIEN 3	Task	New	Normal	re-run TNRS on mis-scrubbed names	Aaron Marcuse-Kubitza	01/09/2014 09:44 AM
831	BIEN 3	Task	New	High	make tests use their own public schema	Aaron Marcuse-Kubitza	07/28/2014 04:50 PM
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
857	BIEN 3	Task	New	Normal	standardize taxon ranks to a common vocabulary	Aaron Marcuse-Kubitza	01/16/2014 10:40 AM
859	BIEN 3	Task	New	Normal	fix slowness in _taxonlabel_set_parent_id()	Aaron Marcuse-Kubitza	01/20/2014 09:14 PM
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
870	BIEN 3	Task	New	Normal	grant bien_read access to publishable staging tables	Aaron Marcuse-Kubitza	02/23/2014 08:02 PM

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871	BIEN 3	Task	New	Normal	grant bien_read access to validation result tables	Aaron Marcuse-Kubitza	02/23/2014 08:03 PM
878	BIEN 3	Task	New	Normal	fix crow's foot notation in ERD	Aaron Marcuse-Kubitza	04/16/2014 10:16 PM
886	BIEN 3	Task	New	Immediate	move test DB to vegbiendev VM	Aaron Marcuse-Kubitza	11/17/2014 08:27 AM
898	BIEN 3	Task	New	Immediate	remove dependencies on the development machine	Aaron Marcuse-Kubitza	11/17/2014 08:47 AM
899	BIEN 3	Task	New	Normal	remove dependencies on Mac	Aaron Marcuse-Kubitza	04/16/2014 10:14 PM
901	BIEN 3	Task	New	Normal	schedule regular pg_dump backups of the DB	Aaron Marcuse-Kubitza	04/23/2014 03:16 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
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
915	BIEN 3	Task	New	Normal	Taxon Name Validation	Aaron Marcuse-Kubitza	04/28/2017 04:21 AM
916	BIEN 3	Task	New	High	Taxon name validation: VegBank	Aaron Marcuse-Kubitza	06/19/2014 11:00 AM
917	BIEN 3	Task	New	Normal	TNRS: Instructions for new version with TPL	Aaron Marcuse-Kubitza	04/28/2017 04:38 AM
928	BIEN 3	Task	New	High	switch to new TNRS setup	Aaron Marcuse-Kubitza	08/25/2014 05:19 PM
929	BIEN 3	Task	New	Normal	change TNRS client to store metadata	Aaron Marcuse-Kubitza	06/26/2014 05:24 PM
931	BIEN 3	Task	New	Normal	BIEN db at iPlant	Martha Narro	05/22/2014 04:32 PM
932	BIEN 3	Task	New	Normal	Discovering BIEN data through iPlant	Brian Enquist	05/22/2014 04:43 PM
934	BIEN 3	Task	New	High	Data Dictionary	Aaron Marcuse-Kubitza	10/03/2014 03:19 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
937	BIEN 3	Task	New	Normal	fix missing date fields	Aaron Marcuse-Kubitza	10/03/2014 03:18 PM
938	BIEN 3	Task	New	Normal	Enquist's taxon validation	Aaron Marcuse-Kubitza	06/25/2014 01:19 PM
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
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
945	BIEN 3	Bug	New	High	incorrect synonym being selected in TNRS		10/17/2014 03:40 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
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
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
952	BIEN 3	Task	New	High	refresh GBIF so it can be published	Aaron Marcuse-Kubitza	09/16/2014 05:12 PM
953	BIEN 3	Bug	New	High	CVS and VegBank data	Aaron Marcuse-Kubitza	04/28/2017 04:30 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

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962	BIEN 3	Task	New	High	walk through loading of datasources from scratch	Aaron Marcuse-Kubitza	10/16/2014 09:38 AM
963	BIEN 3	Bug	New	High	fix slow loading of pages hosted on vegbiendev	Aaron Marcuse-Kubitza	10/16/2014 12:47 PM
966	BIEN 3	Bug	New	Normal	figure out why some rows are not getting geoscrubbed	Aaron Marcuse-Kubitza	10/25/2014 03:29 PM
970	Remote sensing of global biodiversity	Task	New	High	Write perspectives paper	Ryan Pavlick	12/12/2014 02:37 PM