

## EDIT - Issues

| #     | Tracker | Status      | Priority   | Subject  | Assignee            | Target version         | Category               | Tags                                     |
|-------|---------|-------------|------------|--|---------------------|------------------------|------------------------|--|
| 10492 | task    | In Progress | Highest    | Annotations should always have a type  | Andreas Müller      | Release 5.43           | cdm                    |  |
| 10450 | task    | New         | New        | Handle zip-files consistent in list exports  | Katja Luther        | Unassigned CDM tickets | taxeditor              | col,dwca,cdmlight,wfo                    |
| 10444 | task    | New         | New        | Add integration test with docker   | Andreas Müller      | Unassigned CDM tickets | architecture           | test,docker                              |
| 10443 | task    | New         | Highest    | Develop NFDI-API with Open API   | Andreas Müller      | Release 5.44           | platform               | nfdi                                     |
| 10438 | task    | New         | New        | Check if reported Win10 performance issue for eclipse is relevant for TaxEditor          | Katja Luther        | Release 5.45           | taxeditor              | performance                              |
| 10432 | task    | Resolved    | Priority14 | Cora import  | Andreas Müller      | Release 5.42           | data                   | lichenes                                 |
| 10414 | task    | Closed      | New        | Remove Georgian subdivisions from Euro+Med   | Andreas Müller      |                        | data                   | euro+med,caucasus                        |
| 10359 | task    | New         | Highest    | Integrate Vienna common names into E+M   | Andreas Müller      | Release 5.44           | data                   | tettris                                  |
| 10356 | task    | Closed      | Highest    | Combine Caryophyllales data portals  | Andreas Müller      | Release 5.40           | cdm-dataportal         | caryophyllales                           |
| 10338 | task    | New         | Priority13 | Think about using GraphQL (graphql-java and spring GraphQL)                              | Andreas Müller      | Unassigned CDM tickets | cdmlib-remote          |  |
| 10326 | task    | In Progress | New        | EuroMed mosses remaining issues  | Andreas Müller      | Release 5.44           | data                   | euro+med                                 |
| 10324 | task    | Closed      | Priority13 | Export Caucasus data   | Andreas Müller      |                        | cdmadapter             | export,caucasus,euro+med                 |
| 10321 | task    | In Progress | Highest    | WFO name matching for Cichorioideae  | Andreas Müller      | Release 5.43           | data                   | wfo                                      |
| 10317 | task    | New         | New        | Think about flyway or liquibase for database migration                                   | Andreas Müller      | Unassigned CDM tickets | cdmlib                 |  |
| 10314 | task    | New         | New        | Cleanup authors that differ only in collation  | Andreas Müller      | Unassigned CDM tickets | data                   |  |
| 10308 | task    | Closed      | Highest    | Show IUCN "distribution" data separately   | Katja Luther        | Release 5.38           | cdmlib                 | euro+med                                 |
| 10302 | task    | Closed      | Highest    | Revise Status section  | Andreas Müller      | Release 5.38           | cdm-vaadin             | phycobank-ready-for-submitters,phycobank |
| 10295 | task    | Closed      | Priority14 | Parse verbatim year in reference   | Andreas Müller      | Release 5.37           | cdmlib                 | parser,formatting                        |
| 10285 | task    | New         | New        | Catch hibernate search exception so hibernate search dependencies are not needed anymore | Katja Luther        | Unassigned CDM tickets | taxeditor              |  |
| 10283 | task    | New         | New        | Add mapping for non-mexican areas for eFloraMex  | Andreas Müller      | Release 5.44           | data                   | mexico                                   |
| 10268 | task    | In Progress | Priority14 | Selecting an existing name as basionym   | Wolf-Henning Kusber | Release 5.44           | cdm-vaadin             | phycobank-ready-for-submitters           |
| 10249 | task    | In Progress | New        | Mapping for metadata labels of images in portal  | Katja Luther        | Release 5.43           | cdm-dataportal         | media,flora-of-cyprus                    |
| 10242 | task    | Closed      | Highest    | Import Sileneae  | Andreas Müller      |                        | cdmadapter             | caryophyllales,import                    |
| 10239 | task    | Closed      | Priority14 | Caucasus databases and portals available   | Andreas Müller      |                        | platform               | caucasus,euro+med                        |
| 10237 | task    | New         | New        | Remove generation of SLD files on file system  | Franck Theeten      | Unassigned CDM tickets | geotools - map service | map                                      |
| 10236 | task    | Rejected    | Highest    | Import data from caucasus DB to E+M  | Andreas Müller      |                        | data                   | euro+med,caucasus                        |

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| 10232 | task    | Closed      | Highest    | Import Finnish common names   | Andreas Müller |                        | cdmadapter     | import,euro+med,tetris       |
| 10227 | task    | New         | New        | Implement bioschema.org on taxon pages                              | Andreas Müller | Unassigned CDM tickets | cdm-dataportal |                              |
| 10226 | task    | New         | New        | Upgrade to Spring 6.x   | Andreas Müller | Release 5.47           | cdmlib         | upgrade                      |
| 10224 | task    | Closed      | Highest    | Import Kew Nyctaginaceae data to Caryophyllales                     | Andreas Müller |                        | cdmadapter     | import,caryophyllales,mexico |
| 10222 | task    | Closed      | Highest    | Use DTOs for portal taxon page - first implementation for E+M       | Andreas Müller | Release 5.38           | cdm-dataportal | performance,euro+med         |
| 10220 | task    | Closed      | New        | Remove SpecimenCdmExcelImport and EndnoteImport in TaxEditor        | Katja Luther   | Release 5.36           | taxeditor      |                              |
| 10218 | task    | New         | New        | Unify cache handling in CDM platform                                | Andreas Müller | Unassigned CDM tickets | cdmlib         | ehcache                      |
| 10216 | task    | In Progress | Highest    | Upgrade to Spring 5.x   | Andreas Müller | Release 5.44           | platform       | upgrade                      |
| 10215 | task    | New         | New        | Updates, upgrades and cleanup 2024                                  | Andreas Müller | Unassigned CDM tickets | platform       |                              |
| 10208 | task    | New         | Highest    | only use cacher for static terms                                    | Andreas Müller | Release 5.45           | cdmlib         | terms                        |
| 10205 | task    | Closed      | Highest    | Update GBIF import to modern json library.                          | Katja Luther   | Release 5.36           | cdmlib         |                              |
| 10201 | task    | Closed      | Priority14 | Make synonym type an enum   | Andreas Müller | Release 5.35           | cdm            | terms                        |
| 10189 | task    | Closed      | Priority14 | Split CdmApplicationController into repository and application part | Katja Luther   | Release 5.35           | cdmlib         | remoting                     |
| 10187 | task    | New         | New        | Use only 1 service call to initialize supplemental data             | Katja Luther   | Release 5.44           | taxeditor      | performance                  |
| 10183 | task    | Closed      | Highest    | Import Buxales via Cdm2Cdm  | Andreas Müller |                        | cdmadapter     | import                       |
| 10174 | task    | Closed      | Priority14 | Export data to BfN  | Andreas Müller |                        | data           | export,euro+med,pesi         |
| 10125 | task    | New         | New        | Upgrade jena dependency   | Katja Luther   | Release 5.45           | cdmlib         | 5.32-Remaining               |
| 10124 | task    | In Progress | Priority14 | Adapt deprecated hibernate methods to suggested new methods         | Katja Luther   | Release 5.45           | cdmlib         | 5.32-Remaining               |
| 10109 | task    | New         | New        | Investigate best practice for HQL with enumset                      | Andreas Müller | Unassigned CDM tickets | cdmlib         |                              |
| 10104 | task    | New         | Highest    | Cleanup after hibernate v5.4.33 migration                           | Andreas Müller | Release 5.45           | cdmlib         | 5.32-Remaining               |
| 10100 | task    | New         | New        | Rename statusNote into placementNote in TaxonNode                   | Andreas Müller | CDM UML 5.43           | cdm            |                              |
| 10099 | task    | New         | New        | Try to use log4j instead of logback in CDM server                   | Andreas Müller | Unassigned CDM tickets | cdmserver      |                              |
| 10095 | task    | Closed      | New        | Synchronize dependency versions in CdmServer                        | Andreas Müller | Release 5.32           | cdmserver      |                              |
| 10094 | task    | New         | Priority14 | Reenabel anttask for 001-cdm.h2.sql creation                        | Andreas Müller | Release 5.45           | cdmlib         | 5.32-Remaining               |
| 10091 | task    | Closed      | New        | Add stacktrace to JSON repsonse                                     | Andreas Müller | Release 5.32           | cdmlib-remote  | debug                        |
| 10077 | task    | New         | Priority14 | upgrade ehcache to 3.x  | Andreas Müller | Release 5.46           | cdmlib         | upgrade,5.32-Remaining       |

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| 10073 | task    | New       | New        | Remove all docbkx related code/files from cdmlib                             | Andreas Müller | Update Documentation | documentation      | documentation               |
| 10072 | task    | Closed    | Priority14 | Upgrade fully to log4j2  | Andreas Müller | Release 5.32         | cdmlib             |                             |
| 10067 | task    | Closed    | Priority14 | Update to hibernate 5.4 (or higher) and hibernate search 5.11 and lucene 5.5 | Andreas Müller | Release 5.32         | cdmlib             |                             |
| 10064 | task    | Resolved  | Priority14 | Upgrade cybertaxonomy.org to Drupal9   | Andreas Müller | Release 5.32         | platform           |                             |
| 10063 | task    | New       | New        | Move online tutorials to single place  | Katja Luther   | Release 5.44         | documentation      | editor_manual,documentation |
| 10055 | task    | New       | Highest    | Updates, upgrades and cleanup 2023   | Andreas Müller | Release 5.45         | platform           | java11                      |
| 10052 | task    | New       | New        | Check if JReleaser could be helpful  | Andreas Müller | Release 5.45         | architecture       |                             |
| 10046 | task    | New       | Highest    | Upgrade TaxEditor to java 11   | Katja Luther   | Release 5.45         | taxeditor          | 5.32-Remaining              |
| 10032 | task    | New       | Priority14 | Create media metadata service documentation                                  | Andreas Müller | Update Documentation | documentation      | media                       |
| 10031 | task    | New       | Priority14 | Update geographic components documentation                                   | Andreas Müller | Update Documentation | documentation      |                             |
| 10030 | task    | New       | Priority14 | Update Phycobank and Webeditor documentation                                 | Andreas Müller | Update Documentation | documentation      | phycobank                   |
| 10029 | task    | New       | Priority14 | Update other main groups and main page                                       | Andreas Müller | Update Documentation | documentation      |                             |
| 10028 | task    | New       | New        | Update Taxonomy Notes  | Andreas Müller | Update Documentation | documentation      |                             |
| 10027 | task    | New       | Priority13 | Update DevelopmentNotes  | Andreas Müller | Update Documentation | documentation      |                             |
| 10026 | task    | New       | Priority14 | Update DataModelsAndFormats  | Andreas Müller | Update Documentation | documentation      |                             |
| 10025 | task    | New       | Priority14 | Update other platform pages in wiki  | Andreas Müller | Update Documentation | documentation      |                             |
| 10024 | task    | New       | Priority13 | Update other platform components documentation                               | Andreas Müller | Update Documentation | documentation      |                             |
| 10023 | task    | New       | Priority14 | Update CDM Server documentation  | Andreas Müller | Update Documentation | documentation      |                             |
| 10015 | task    | Duplicate | New        | Cleanup EDIT server pages on BDI notes                                       | Andreas Müller |                      | server-maintenance |                             |
| 10010 | task    | Closed    | Highest    | Install Spanish for Mexico Eflora dataportal                                 | Katja Luther   | Release 5.32         | cdm-dataportal     | mexico,i18n                 |
| 10009 | task    | Closed    | Priority14 | Cleanup dependencies in TaxEditor  | Andreas Müller | Release 5.32         | taxeditor          |                             |
| 10008 | task    | New       | Priority14 | Cleanup after server upgrades  | Andreas Müller | Release 5.44         | server-maintenance |                             |
| 10006 | task    | New       | Highest    | Check backups fully work after upgrades to debian 11                         | Andreas Müller | Release 5.44         | server-maintenance |                             |

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| 10000 | task    | Closed   | Highest    | Celebrate ticket no. 10,000   | Andreas Müller | Release 5.31           | platform           |                   |
| 9999  | task    | Closed   | Priority14 | Improve formatting for referencing objects of descriptive data                | Andreas Müller | Release 5.31           | cdmlib             | formatting,mexico |
| 9998  | task    | Closed   | Highest    | Update image links for cyprus   | Andreas Müller | Release 5.31           | data               |                   |
| 9994  | task    | Closed   | New        | Tasks from documentation meeting 3/22   | Andreas Müller | Release 5.32           | documentation      |                   |
| 9993  | task    | Closed   | Highest    | Move markdown from code to developer wiki                                     | Katja Luther   | Release 5.31           | documentation      |                   |
| 9992  | task    | New      | Highest    | Move content for developers from site.xml's to developer Wiki                 | Andreas Müller | Update Documentation   | documentation      |                   |
| 9991  | task    | New      | Priority14 | Move content for users and admins from site.xml's to cybertaxonomy.org/drupal | Andreas Müller | Update Documentation   | documentation      |                   |
| 9975  | task    | Resolved | New        | Create new UML diagrams for the CDM   | Andreas Müller | Release 5.44           | documentation      | documentation     |
| 9974  | task    | Closed   | Highest    | Upgrade edit-production   | Andreas Müller | Release 5.31           | server-maintenance |                   |
| 9973  | task    | Closed   | Highest    | Upgrade edit-database   | Andreas Müller | Release 5.31           | server-maintenance |                   |
| 9972  | task    | Closed   | Highest    | Upgrade edit-integration  | Andreas Müller | Release 5.31           | server-maintenance |                   |
| 9971  | task    | Closed   | Highest    | Upgrade edit-test   | Andreas Müller | Release 5.31           | server-maintenance |                   |
| 9969  | task    | New      | Priority14 | Get utis jmeter test running or switch off test                               | Andreas Müller | Release 5.45           | utis               |                   |
| 9968  | task    | New      | Priority14 | Add test/monit for testing if utis is running                                 | Andreas Müller | Release 5.45           | utis               | docker            |
| 9964  | task    | New      | New        | Improve matching of collections   | Andreas Müller | Unassigned CDM tickets | cdmlib             |                   |
| 9961  | task    | New      | Priority13 | Automated ticket creation   | Andreas Müller | Unassigned CDM tickets | devOps             |                   |
| 9960  | task    | Closed   | New        | Remove start and end date from all tickets                                    | Andreas Müller | Release 5.31           | devOps             | redmine           |
| 9957  | task    | New      | New        | Add category archiving plugin to redmin                                       | Andreas Müller | Unassigned CDM tickets | devOps             | redmine           |
| 9956  | task    | New      | New        | Remove unused Customfields from Redmine                                       | Andreas Müller | Unassigned CDM tickets | devOps             | redmine           |
| 9955  | task    | New      | New        | Upgrade vaadin to latest version  | Andreas Müller | Unassigned CDM tickets | cdm-vaadin         | upgrade,phycobank |
| 9954  | task    | Closed   | Highest    | Refactor EDIT Platform (Wiki) Documentation                                   | Andreas Müller | Release 5.31           | documentation      |                   |
| 9953  | task    | New      | Highest    | Migrate dataportal/drupal to use webcomponents                                | Katja Luther   | Release 5.46           | cdm-dataportal     |                   |
| 9951  | task    | New      | New        | Improve classification breadcrumb layout - avoid overlap                      | Katja Luther   | Unassigned CDM tickets | cdm-dataportal     |                   |
| 9950  | task    | New      | Priority14 | remove Scriptler Plug-in  | Andreas Müller | Release 5.44           | devOps             | jenkins           |
| 9946  | task    | New      | New        | Update or remove jgitflow   | Andreas Müller | Release 5.46           | platform           |                   |

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| 9944 | task    | New         | New        | Move further methods from DescriptionService to DescriptionElementService                       | Andreas Müller     | Release 5.45           | cdmlib                 |  |
| 9941 | task    | In Progress | New        | [DISCUSS] Formatting of type designation categories in compact type string                      | Andreas Müller     | Release 5.43           | cdmlib                 | specimen,formatting,type designation,phycobank |
| 9940 | task    | In Progress | New        | Handle type category formatting in compact typification strings                                 | Andreas Müller     | Release 5.43           | cdmlib                 | specimen,formatting,type designation,phycobank |
| 9930 | task    | New         | New        | Check rounding rules for geo coordinates  | Andreas Müller     | Unassigned CDM tickets | cdmlib                 |  |
| 9928 | task    | Closed      | Highest    | cdm_dataportal/search/agent/ filter for „publish to IPNI“ or „publish“ and show all identifiers | Andreas Kohlbecker | Release 5.29           | cdm-dataportal         | phycobank                                      |
| 9922 | task    | New         | New        | Do not save Image Server thumbnails indicating an not-existing image                            | Andreas Müller     | Release 5.45           | cdmlib                 | image-viewer                                   |
| 9919 | task    | Duplicate   | New        | Upgrade maven-compiler-plugin to 3.x in cdmlib  | Andreas Müller     |                        | cdmlib                 |  |
| 9918 | task    | Closed      | Highest    | Import Caryophyllaceae  | Andreas Müller     | Release 5.31           | data                   | import,caryophyllales                          |
| 9909 | task    | New         | New        | Think about using the checker framework to avoid e.g. NPEs                                      | Andreas Müller     | Unassigned CDM tickets | architecture           |  |
| 9898 | task    | New         | New        | Update utis projects to jdk 11  | Andreas Müller     | UTIS 1.4               | utis                   |  |
| 9890 | task    | Closed      | New        | Move importDeduplicationHelper to import state  | Andreas Müller     | Release 5.29           | cdmadapter             | import,deduplication                           |
| 9887 | task    | Rejected    | Priority14 | remove jdk15 classifier from json-lib   | Andreas Müller     |                        | cdmlib-remote          |  |
| 9886 | task    | In Progress | New        | Create cdmlib modul cdmlib-api  | Andreas Müller     | Release 5.45           | cdmlib                 |  |
| 9875 | task    | New         | New        | Atomize Salvador specimen data  | Andreas Müller     | Unassigned CDM tickets | data                   | salvador,specimen                              |
| 9871 | task    | New         | New        | Use identity cache for specimens in TaxEditor   | Belen Escobari     | Release 5.44           | taxeditor              | specimen,formatting                            |
| 9867 | task    | New         | New        | Import taxon level drawing from other publications  | Andreas Müller     | Unassigned CDM tickets | data                   | salvador,import                                |
| 9866 | task    | New         | New        | Import further Salvador images  | Andreas Müller     | Unassigned CDM tickets | cdmadapter             | salvador,import                                |
| 9864 | task    | Feedback    | New        | Evaluate "naturalearthdata" as possible dataset for maps  | Andreas Müller     | Unassigned CDM tickets | geotools - map service | map,geotools                                   |
| 9852 | task    | New         | New        | Use rulebased creation of thumbnail links for Salvador images                                   | Andreas Müller     | Release 5.45           | data                   | salvador,image-viewer                          |
| 9849 | task    | Closed      | New        | Remove trailing full stops from specimen titleCaches  | Andreas Müller     | Release 5.29           | cdmlib                 | formatting                                     |
| 9842 | task    | In Progress | Highest    | Improve performance for loading DDS (RowWrapperDTO)   | Katja Luther       | Release 5.44           | cdmlib                 | additivity,matrix,performance                  |
| 9837 | task    | In Progress | Highest    | updatde vaadin to latets 7.* version  | Andreas Müller     | Release 5.45           | cdm-vaadin             | security                                       |
| 9833 | task    | Closed      | New        | Remove cascading from descriptive dataset   | Andreas Müller     | Release 5.28           | cdmlib                 |  |

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| 9827 | task    | New         | New        | Rename taxeditor code from name editor to taxon editor                                    | Katja Luther       | Unassigned CDM tickets | taxeditor          |                        |
| 9826 | task    | New         | New        | Move pure TaxEditor predicates back to taxeditor code                                     | Katja Luther       | Release 5.46           | taxeditor          | preferences            |
| 9822 | task    | New         | New        | Improve performance for DDS aggregation   | Andreas Müller     | Release 5.47           | cdmlib             | additivity,aggregation |
| 9810 | task    | New         | New        | Test if BigDecimal algebra is correct in PolytomousKey algorithms                         | Andreas Müller     | Release 5.47           | cdmlib             | additivity,key         |
| 9792 | task    | Closed      | New        | remove ePic from ext-links  | Andreas Kohlbecker | Release 5.27           | cdm-dataportal     | external-links         |
| 9782 | task    | Closed      | New        | Adapt abbreviation and idInVoc for rank "proles"  | Andreas Müller     | Release 5.27           | cdm                |                        |
| 9773 | task    | New         | New        | Improve matomo performance  | Dominik Roepert    | Unassigned CDM tickets | server-maintenance |                        |
| 9752 | task    | Closed      | Highest    | Import for Flora of Mexico  | Andreas Müller     |                        | data               | mexico                 |
| 9744 | task    | Closed      | Highest    | Find suitable name for the Freetext- or Name-Editor                                       | Andreas Müller     | Release 5.27           | taxeditor          |                        |
| 9720 | task    | New         | New        | Improved layout for full range of display resolutions                                     | Andreas Kohlbecker | Unassigned CDM tickets | cdm-dataportal     |                        |
| 9715 | task    | Closed      | Highest    | Specimen Tree View: option to choose summaryLabel or collectingString for fieldUnit label | Andreas Kohlbecker | Release 5.26           | cdm-dataportal     | specimens-view-tree    |
| 9711 | task    | New         | New        | Further improve matrix performance  | Katja Luther       | Release 5.45           | taxeditor          | additivity             |
| 9693 | task    | New         | Priority14 | Install testing environment for mac os  | Katja Luther       | Release 5.46           | taxeditor          |                        |
| 9689 | task    | New         | New        | External Links Module: Tests implemented  | Andreas Kohlbecker | Unassigned CDM tickets | cdm-dataportal     | test,selenium          |
| 9681 | task    | New         | Highest    | Open issues for improving person representation   | Andreas Müller     | CDM UML 5.43           | cdm                | formatting             |
| 9679 | task    | New         | Highest    | Formatter and update script for SpecimenOrObservationBase short cache                     | Andreas Müller     | CDM UML 5.43           | cdm                | formatting             |
| 9678 | task    | Closed      | Highest    | Remove Derived- and FieldUnitFacadeCacheStrategies  | Andreas Müller     | Release 5.25           | cdmlib             |                        |
| 9673 | task    | New         | Highest    | Remove allowNull from allowOverride   | Andreas Müller     | CDM UML 5.43           | cdm                |                        |
| 9666 | task    | Closed      | Highest    | cdm_tokens module   | Andreas Kohlbecker | Release 5.25           | cdm-dataportal     | external-links         |
| 9659 | task    | Closed      | Highest    | External Links Module reimplemented for flexible configuration                            | Andreas Kohlbecker | Release 5.25           | cdm-dataportal     | external-links         |
| 9658 | task    | New         | New        | Cleanup authors with protected names and authors  | Andreas Müller     | Release 5.45           | data               |                        |
| 9653 | task    | New         | Highest    | update system table with new installation profile name and location                       | Andreas Kohlbecker | Release 5.45           | cdm-dataportal     |                        |
| 9650 | task    | In Progress | Highest    | Update all titleCaches after upgrade of cache strategies and formatters                   | Andreas Müller     | Release 5.45           | data               | formatting             |

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| 9648 | task    | New         | New        | Remove duplicated extensions   | Andreas Müller     | Release 5.46           | data           | cichorieae      |
| 9637 | task    | New         | New        | overcome mixed use of pageNumber and pageIndex   | Andreas Kohlbecker | Release 5.45           | cdmlib-remote  |                 |
| 9628 | task    | New         | New        | Improve update result handling for monitored operations  | Katja Luther       | Unassigned CDM tickets | taxeditor      |                 |
| 9624 | task    | Closed      | Highest    | Centralize team formatting and fix et al. position handling  | Andreas Müller     | Release 5.23           | cdmlib         | formatting      |
| 9623 | task    | Closed      | New        | Remove TaxonBaseShortSecCacheStrategy  | Andreas Müller     | Release 5.23           | cdmlib         | formatting      |
| 9617 | task    | Closed      | New        | Rename ICNB to ICNP  | Andreas Müller     | Release 5.23           | cdm            |                 |
| 9614 | task    | Closed      | New        | Use underscore as word separator for all role based groups   | Andreas Müller     | Release 5.23           | cdm            | permission      |
| 9607 | task    | Closed      | Highest    | read image metadata from MediaInfoService if available   | Andreas Kohlbecker | Release 5.23           | cdmlib         |                 |
| 9604 | task    | Closed      | New        | Split bibliographic reference cache strategy and nomenclatural formatter + original source formatter   | Andreas Müller     | Release 5.23           | cdmlib         | formatting      |
| 9599 | task    | In Progress | Priority14 | remove usage of 'reference/{uuid}/nomenclaturalCitation' in portal   | Andreas Müller     | Release 5.45           | cdm-dataportal |                 |
| 9595 | task    | Closed      | Priority14 | Use DerivedUnit or DnaSample for DnaSampleGeneralDetailElement   | Katja Luther       | Release 5.23           | taxeditor      |                 |
| 9594 | task    | Closed      | New        | Use MediaSpecimen as input for MediaSpecimenGeneralDetailElement   | Andreas Müller     | Release 5.23           | taxeditor      |                 |
| 9582 | task    | New         | New        | provide runnable dataportal installation bundled with composer   | Andreas Kohlbecker | Release 5.45           | cdm-dataportal |                 |
| 9579 | task    | Worksforme  | Highest    | restore css3pie if needed  | Andreas Kohlbecker |                        | cdm-dataportal |                 |
| 9576 | task    | Rejected    | Highest    | Add tests for homotypic group name comparator  | Katja Luther       |                        | cdmlib         |                 |
| 9569 | task    | New         | New        | Delete taxon and delete name should use the same UI and same semantics for deleting names  | Katja Luther       | Release 5.45           | taxeditor      |                 |
| 9567 | task    | Closed      | New        | Unify HomotypicGroupTaxonComparator and HomotypicGroupNameComparator   | Andreas Müller     | Release 5.22           | cdmlib         |                 |
| 9564 | task    | New         | New        | synonymy: suppress output of sec references if it is equal with the accepted taxon sec ref   | Andreas Kohlbecker | Unassigned CDM tickets | cdm-dataportal |                 |
| 9558 | task    | Closed      | New        | General tests for cdmlight export  | Andreas Müller     | Release 5.22           | cdmlib         | cdmlight,export |
| 9536 | task    | Closed      | Highest    | Remove old single source citation and microCitation columns for secundum and DescriptionElementBase_OriginalSourceBase and TaxonName_NomenclaturalStatus | Andreas Müller     | Release 5.23           | cdm            |                 |
| 9528 | task    | Worksforme  | Priority14 | synonymy: misspelled names sensu with short authorship string  | Andreas Müller     |                        | cdm-dataportal | euro+med        |

| #    | Tracker | Status      | Priority   | Subject   | Assignee           | Target version          | Category       | Tags                 |
|------|---------|-------------|------------|---|--------------------|-------------------------|----------------|----------------------|
| 9524 | task    | In Progress | Highest    | Use non-model objects in database queries for getDistributionInfoFor                  | Andreas Müller     | Release 5.43            | cdmlib         | euro+med,performance |
| 9513 | task    | Closed      | Highest    | "table to div regression": replace scriptler + dynamic parameter plugins              | Andreas Kohlbecker |                         | devOps         | jenkins              |
| 9501 | task    | New         | New        | Find inconsistent higher area distribution status data in E+M                         | Andreas Müller     | Euro+Med post migration | data           | euro+med             |
| 9490 | task    | Closed      | Highest    | avoid rank entity in TaxonNameParts   | Andreas Kohlbecker | Release 5.22            | cdmlib         | phycobank            |
| 9460 | task    | New         | New        | REST API tests  | Andreas Müller     | cdmlib-remote cleanup   | cdmlib-remote  | test                 |
| 9459 | task    | New         | New        | REST API tests for UTIS   | Andreas Müller     | UTIS 1.4                | utis           | test                 |
| 9458 | task    | Closed      | Highest    | Consider lower zoom level as default  | Andreas Kohlbecker | Release 5.22            | cdm-dataportal | map                  |
| 9455 | task    | New         | Highest    | Merge DnaSample and DerivedUnit   | Andreas Müller     | CDM UML 5.43            | cdm            |                      |
| 9454 | task    | New         | New        | [DISCUSS] Decide on using dozer or similar frameworks for mapping DTOs                | Andreas Müller     | Unassigned CDM tickets  | cdmlib         |                      |
| 9451 | task    | Closed      | Highest    | Cache strategy for classifications is missing   | Andreas Müller     | Release 5.21            | cdmlib         |                      |
| 9448 | task    | In Progress | New        | Remove all not e4 classes and rename "Remoting..." classes                            | Katja Luther       | Release 5.45            | taxeditor      | eclipse4             |
| 9445 | task    | New         | New        | [DISCUSS] Should GatheringEvent have descriptive data                                 | Andreas Müller     | CDM UML 5.43            | cdm            | campanula,specimen   |
| 9431 | task    | New         | Highest    | OccurrenceServiceImpl._findRootUnitDTO(..)  | Andreas Müller     | Release 5.45            | cdmlib         | specimen             |
| 9430 | task    | New         | Priority13 | revise OccurrenceServiceImpl._findRootUnitDTO(..) supports multiple origin paths      | Andreas Kohlbecker | Release 5.46            | cdmlib         | specimen             |
| 9421 | task    | New         | New        | [Discuss] Move URI to top in MediaSpecimen  | Katja Luther       | Unassigned CDM tickets  | taxeditor      |                      |
| 9416 | task    | New         | New        | Improve distribution editor sort methods  | Andreas Müller     | Unassigned CDM tickets  | cdmlib         |                      |
| 9411 | task    | New         | New        | use termtrees for user defined limited term lists                                     | Andreas Kohlbecker | Unassigned CDM tickets  | cdm-vaadin     |                      |
| 9407 | task    | New         | New        | Reuse taxon should check classification before save                                   | Katja Luther       | Unassigned CDM tickets  | taxeditor      |                      |
| 9402 | task    | New         | New        | Subtree filter for polytomousKey and polytomousKeyNode services                       | Andreas Kohlbecker | Unassigned CDM tickets  | cdmlib-remote  | permission           |
| 9400 | task    | New         | New        | Check whether it is possible to set rights to reduce the work to descriptive datasets | Katja Luther       | Release 5.45            | taxeditor      | permission           |
| 9389 | task    | Closed      | Priority14 | further improvement and revision of derivative filtering by type and DerivedUnitDTO   | Andreas Kohlbecker | Release 5.19            | cdmlib         | specimen             |

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|------|---------|-------------|------------|--|--------------------|-----------------------------|--------------------|----------------|
| 9385 | task    | New         | Priority13 | Simplyfy boundingbox setting for user fixed map clipping   | Andreas Kohlbecker | Reviewed Next Major Release | cdm-dataportal     | map            |
| 9377 | task    | In Progress | Highest    | Update of other platform user documentation  | Andreas Müller     | Update Documentation        | documentation      |                |
| 9376 | task    | New         | Highest    | git checkout of datportal module fails with locally modified files                                       | Katja Luther       | Unassigned CDM tickets      | server-maintenance | git,demoserver |
| 9364 | task    | Closed      | Highest    | Cleanup authors with multiple & and protected names and teams  | Andreas Müller     |                             | data               | formatting     |
| 9359 | task    | Closed      | Highest    | Update cdmlib, taxeditor, cdmsserver etc. dependencies   | Andreas Müller     | Release 5.35                | cdmlib             |                |
| 9330 | task    | Closed      | Highest    | Remove "NomenclaturalSource" from OriginalSourceType   | Andreas Müller     | Release 5.22                | cdm                |                |
| 9323 | task    | New         | Highest    | discuss display of ExternalLink.description  | Andreas Kohlbecker | Release 5.45                | cdm-dataportal     |                |
| 9319 | task    | New         | Priority14 | adapt name render templates to new nomenclatural source which also contain protologues as external links | Andreas Kohlbecker | Release 5.46                | cdm-dataportal     |                |
| 9315 | task    | Closed      | Highest    | Remove old single source citation and microCitation columns  | Andreas Müller     | Release 5.22                | cdm                |                |
| 9314 | task    | New         | New        | Swap 'is conserved against'  | Andreas Müller     | CDM UML 5.43                | cdm                |                |
| 9308 | task    | Closed      | Highest    | Supress "designated by" reference in portal in registration ListView and RegistrationWorkingSetEditor    | Andreas Kohlbecker | Release 5.27                | cdm-vaadin         | phycobank      |
| 9306 | task    | Closed      | Highest    | Registration result list: supress "designated by" reference in portal                                    | Andreas Kohlbecker | Release 5.18                | cdm-dataportal     | phycobank      |
| 9300 | task    | In Progress | Highest    | Name Page: harmonize media specimen lectotype representations  | Andreas Kohlbecker | Release 5.46                | cdm-dataportal     | phycobank      |
| 9293 | task    | New         | Priority14 | Use use DTO for Set<IdentifiableSource> sources in SpecimenOrObservationBaseDTO                          | Andreas Kohlbecker | Release 5.46                | cdmlib             |                |
| 9291 | task    | Closed      | Highest    | Clear all unnecessary TypeDesignation.citation entities and citationDetails                              | Andreas Kohlbecker |                             | data               | phycobank      |
| 9285 | task    | New         | New        | apply the order of the chosen TermTrees to the typedesignations in name and taxon page                   | Andreas Kohlbecker | Unassigned CDM tickets      | cdm-dataportal     |                |
| 9283 | task    | New         | New        | Webservice for TermTrees implemented   | Andreas Kohlbecker | Unassigned CDM tickets      | cdmlib-remote      |                |
| 9280 | task    | Closed      | Highest    | Refactor: IKeyTerm.getMessage() --> IKeyTerm.getLabel()  | Andreas Müller     | Release 5.18                | cdmlib             |                |
| 9276 | task    | New         | Priority14 | improve DerivateDataDTO  | Andreas Kohlbecker | Release 5.46                | cdmlib             | specimen       |

| #    | Tracker | Status      | Priority   | Subject  | Assignee           | Target version         | Category           | Tags                |
|------|---------|-------------|------------|--|--------------------|------------------------|--------------------|---------------------|
| 9275 | task    | New         | Highest    | Cleanup apache configuration from "AllowEncodedSlashes On"                         | Andreas Kohlbecker | Release 5.45           | server-maintenance |                     |
| 9269 | task    | New         | New        | discuss with the flora of greece people if the new image viewer is to be activated | Andreas Müller     | Release 5.46           | cdm-dataportal     | image-viewer        |
| 9268 | task    | New         | New        | Check cdm for GC G1 humongous objects problem                                      | Andreas Müller     | Release 5.44           | cdmlib             | performance         |
| 9266 | task    | Closed      | Highest    | Remove protologue section from TaxEditor   | Katja Luther       | Release 5.18           | taxeditor          |                     |
| 9265 | task    | Closed      | Highest    | Adapt dataportal to new protologue handling  | Andreas Kohlbecker | Release 5.18           | cdm-dataportal     |                     |
| 9259 | task    | Closed      | Priority13 | reduce fields in TermBase json serializations                                      | Andreas Kohlbecker | Release 5.18           | cdmlib-remote      |                     |
| 9255 | task    | New         | New        | DerivateDataDTO implement support for TissueSample                                 |                    | Unassigned CDM tickets |                    | specimen            |
| 9253 | task    | Closed      | Highest    | revise OccurrenceServiceImpl.findFieldUnitDTO(..)                                  | Andreas Kohlbecker | Release 5.19           | cdmlib             | specimen            |
| 9252 | task    | Closed      | Highest    | Harmonize SpecimenOrObservationBase related DTOs                                   | Andreas Kohlbecker | Release 5.18           | cdmlib             |                     |
| 9251 | task    | New         | New        | Specimenview path: better representation of RecordBasis                            | Andreas Kohlbecker | Unassigned CDM tickets | cdm-dataportal     | specimens-view-path |
| 9243 | task    | New         | New        | zen_dataportal theme: Discuss reduced fontsize of headings                         | Andreas Kohlbecker | Unassigned CDM tickets | cdm-dataportal     |                     |
| 9233 | task    | New         | Highest    | Provide feedback mechanism for dataportals   | Katja Luther       | Release 5.46           | cdm-dataportal     | euro+med            |
| 9231 | task    | In Progress | New        | Create statistics for Euro+Med   | Andreas Müller     | Release 5.45           | data               |                     |
| 9228 | task    | In Progress | Highest    | Adaptations to allow editing Centaurea in Flora of Greece                          | Andreas Müller     | Release 5.45           | data               |                     |
| 9227 | task    | Worksforme  | New        | corrected entry cannot be saved  | Andreas Kohlbecker |                        | cdm-vaadin         | phycobank           |
| 9222 | task    | Closed      | Highest    | Adapt dataportal to switch to originalSource for remaining single sourced classes  | Andreas Kohlbecker | Release 5.18           | cdm-dataportal     |                     |
| 9219 | task    | New         | Highest    | Revert: requests with %2F in URL are rejected by apache                            | Andreas Kohlbecker | Release 5.45           | server-maintenance | phycobank,security  |
| 9208 | task    | Closed      | Highest    | Move cdmlib-print and cdmlib-remote to taxeditor.printpublisher                    | Andreas Müller     | Release 5.19           | taxeditor          |                     |
| 9207 | task    | Duplicate   | Highest    | update ehcache dependency and handle hibernate-ehcache                             | Andreas Müller     |                        | cdmlib             | ehcache             |
| 9206 | task    | Closed      | Highest    | Solve cglib vs. cglib-nodep  | Andreas Müller     | Release 5.18           | cdmlib             |                     |
| 9205 | task    | Closed      | Priority14 | Remove apache-log4j-extras from TaxEditor dependencies                             | Andreas Müller     | Release 5.32           | taxeditor          |                     |

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|------|---------|-------------|------------|--|---------------------|------------------------|--------------------|-----------------------|
| 9203 | task    | New         | Highest    | Filter out generated MediaRepresentations if a part with exactly the same URL already exists.          | Andreas Kohlbecker  | Release 5.45           | cdmlib             |                       |
| 9201 | task    | New         | Highest    | Titelcache creation for nested collections - DISCUSS   | Andreas Kohlbecker  | Release 5.45           | cdmlib             |                       |
| 9195 | task    | Duplicate   | New        | Map TDWG area term to new layer tdwg_levels_1_4  | Andreas Müller      |                        | data               |                       |
| 9191 | task    | Closed      | New        | selenium test for specimen tree view (bottom up)   | Andreas Kohlbecker  | Release 5.17           | cdm-dataportal     | selenium              |
| 9189 | task    | Closed      | Highest    | Move datasource view to taxeditor.local  | Katja Luther        | Release 5.18           | taxeditor          |                       |
| 9187 | task    | Duplicate   | New        | selenium test for specimen table view  | Andreas Kohlbecker  |                        | cdm-dataportal     | selenium              |
| 9186 | task    | Closed      | New        | selenium test for specimen top down view (aka devivate_path view)                                      | Andreas Kohlbecker  | Release 5.17           | cdm-dataportal     | selenium              |
| 9165 | task    | Feedback    | New        | Eroneous registrations, published  | Wolf-Henning Kusber | Unassigned CDM tickets | cdm-vaadin         | phycobank             |
| 9163 | task    | Closed      | Highest    | Remove redundant exclude notes for Flora of Greece   | Andreas Müller      |                        | data               |                       |
| 9161 | task    | Rejected    | Priority13 | E+M shapefile with Kaukasus regions  | Andreas Müller      |                        | data               | map,euro+med,caucasus |
| 9160 | task    | New         | New        | Avoid modified media entities in IMediaToolbox.filterPreferredMediaRepresentations()                   | Andreas Kohlbecker  | Unassigned CDM tickets | cdmlib-remote      |                       |
| 9155 | task    | Closed      | New        | Update of used person names  | Wolf-Henning Kusber |                        | taxeditor          |                       |
| 9150 | task    | New         | New        | Test if the overriding of setTitleCache in Media class makes really sense                              | Andreas Müller      | Release 5.46           | cdmlib             |                       |
| 9148 | task    | Closed      | New        | Replace sanselan library by the newer apache commons-imaging   | Andreas Kohlbecker  | Release 5.17           | cdmlib             |                       |
| 9144 | task    | New         | Highest    | Enable org.eclipse.jetty.io.ConnectionStatistics jmx bean and collect request statistics with collectd | Andreas Kohlbecker  | Release 5.46           | cdmserver          |                       |
| 9141 | task    | New         | Highest    | setup IP connection rate limiting per IP address   | Katja Luther        | Release 5.46           | server-maintenance |                       |
| 9138 | task    | Closed      | Highest    | Reenable BioCaseQueryServiceWrapperTest.testQueryForUnitId()   | Katja Luther        | Release 5.17           | taxeditor          |                       |
| 9132 | task    | In Progress | Highest    | Update cyprus images to Scaler default API and add thumbnails  | Andreas Müller      | Release 5.45           | data               |                       |
| 9130 | task    | New         | Priority13 | add default copyright statment to IIF manifest as attribution to the sequence                          | Andreas Kohlbecker  | Release 5.46           | cdmlib-remote      |                       |
| 9129 | task    | Closed      | New        | cdm property to store a default copyright statement for media items                                    | Andreas Müller      | Release 5.17           | cdmlib             |                       |

| #    | Tracker | Status      | Priority   | Subject  | Assignee           | Target version         | Category      | Tags                   |
|------|---------|-------------|------------|--|--------------------|------------------------|---------------|------------------------|
| 9127 | task    | New         | Priority14 | Import Flora of Uzbekistan specimen data   | Andreas Müller     | Release 5.46           | cdmadapter    |                        |
| 9125 | task    | Closed      | Highest    | Import Flora of Uzbekistan taxon descriptions  | Andreas Müller     |                        | cdmadapter    |                        |
| 9123 | task    | Closed      | Priority14 | Fix BigDecimal algebra in aggregation algorithms   | Andreas Müller     | Release 5.27           | cdmlib        | additivity,aggregation |
| 9120 | task    | Closed      | Highest    | Update script for flowering period supports temporal data  | Andreas Müller     | Release 5.18           | cdm           |                        |
| 9119 | task    | Closed      | New        | Remove schema create and schema update functionality from datasource view  | Katja Luther       | Release 5.17           | taxeditor     |                        |
| 9108 | task    | Closed      | New        | Prepare Kurs Borsch  | Andreas Kohlbecker |                        |               |                        |
| 9106 | task    | New         | New        | Quick person entry via identifier (ORCID, IPNI, ...) for phycobank   | Andreas Müller     | Unassigned CDM tickets | cdm-vaadin    | phycobank              |
| 9105 | task    | Closed      | Highest    | rename NodeSortMode etc to TaxonNodeSortMode   | Andreas Kohlbecker | Release 5.17           | cdmlib        |                        |
| 9094 | task    | Closed      | Highest    | Update script to update TaxonNode.source from IdentifiableSource to DescriptionElementSource                       | Andreas Müller     | Release 5.18           | cdm           |                        |
| 9082 | task    | Closed      | Highest    | Update script for old empty Partial handling   | Andreas Müller     | Release 5.18           | data          | deduplication          |
| 9062 | task    | Closed      | Highest    | Remove StatisticalMeasurementValue.value_old   | Andreas Müller     | Release 5.18           | cdm           |                        |
| 9041 | task    | Closed      | Highest    | Import Flora of Uzbekistan taxa altitudes  | Andreas Müller     |                        | cdmadapter    |                        |
| 9037 | task    | Closed      | Highest    | Remove old Feature.supportedXXX columns  | Andreas Müller     | CDM UML 5.15           | cdm           |                        |
| 9036 | task    | Closed      | Highest    | Remove old TaxonNode.unplaced/doubtful/excluded columns  | Andreas Müller     | CDM UML 5.15           | cdm           |                        |
| 9030 | task    | Closed      | New        | Import flowering periods for Cyprus  | Andreas Müller     |                        | cdmadapter    | import                 |
| 9017 | task    | Resolved    | New        | Update image link for FoG Willing images   | Andreas Müller     | Release 5.15           | data          | image-viewer           |
| 9014 | task    | In Progress | New        | Unparsable name strings  | Andreas Müller     | Release 5.45           | cdmlib        | parser                 |
| 9008 | task    | Closed      | Priority14 | Add chapter "Taxonomic concepts and source citations in the EDIT Platform" to documentation "Manual-EDIT-Platform" | Andreas Müller     | Update Documentation   | documentation | documentation          |
| 8996 | task    | Closed      | New        | Import Flora of Uzbekistan taxa  | Andreas Müller     |                        | cdmadapter    | uzbekistan             |
| 8992 | task    | New         | Highest    | Configure Apache to treat dataportal URLs as case insensitive  | Andreas Kohlbecker | Release 5.46           | devOps        |                        |
| 8987 | task    | New         | New        | manage dependencies to resolve version conflicts   | Andreas Kohlbecker | Unassigned CDM tickets | cdm-vaadin    |                        |
| 8986 | task    | Closed      | New        | use Maven Enforcer plugin to check for dependency version conflicts and to enforce the minimum maven version       | Andreas Kohlbecker | Release 5.15           | cdmlib        |                        |
| 8985 | task    | New         | New        | Enable the general controller for OPTIONS requests   | Andreas Kohlbecker | Unassigned CDM tickets | cdmlib-remote |                        |

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|------|---------|-------------|------------|---|--------------------------|-------------------------|----------------|--|
| 8974 | task    | New         | New        | [DISCUSS] Should freetext descriptions reflect the feature tree hierarchy and/or empty feature nodes? | Andreas Kohlbecker       | Release 5.46            | cdm-dataportal | additivity   |
| 8973 | task    | New         | New        | [DISCUSS] Should description tables reflect the feature tree hierarchy and/or empty feature nodes?    | Andreas Kohlbecker       | Release 5.46            | cdm-dataportal | additivity   |
| 8957 | task    | Closed      | New        | Rename "unexpected error" to "unhandled error"  | Andreas Müller           | Release 5.15            | taxeditor      |  |
| 8952 | task    | New         | New        | Change data set to dataset  | Katja Luther             | Release 5.45            | taxeditor      | additivity,fast                                      |
| 8934 | task    | Closed      | Highest    | Import new FoG status data  | Andreas Müller           |                         | data           | greece,import  |
| 8928 | task    | Closed      | Priority14 | Swap menu entries for specimen bulk editors   | Katja Luther             | Release 5.18            | taxeditor      |  |
| 8908 | task    | New         | New        | Clean up descriptive dataset data for Cactaceae   | Andreas Müller           | Release 5.46            | data           | additivity   |
| 8907 | task    | Resolved    | Highest    | replace UuidAndTitleCacheTaxonComparator by type save implementation                                  | Andreas Müller           | Release 5.14            | cdmlib         |  |
| 8896 | task    | Rejected    | New        | Review tickets in milestone Edit>Update Documentation   | Andreas Kohlbecker       |                         | Documentation  |  |
| 8886 | task    | Closed      | New        | Import Lichenes Genera  | Andreas Müller           |                         | cdmadapter     | lichenes   |
| 8871 | task    | In Progress | Priority14 | Remaining issues to unify description aggregation methods   | Andreas Müller           | Release 5.46            | cdmlib         | euro+med,additivity,transmission-engine-distribution |
| 8868 | task    | Closed      | Highest    | Bump Jackson dependencies to >= 2.9.10.1  | Andreas Kohlbecker       | Release 5.13            | cdmlib         |  |
| 8865 | task    | In Progress | Highest    | more external-links to be implemented   | Eckhard von Raab-Straube | Euro+Med Portal Release | cdm-dataportal | external-links,euro+med                              |
| 8863 | task    | In Progress | Highest    | Create full documentation on multilingual setup of the Data Portal                                    | Katja Luther             | Update Documentation    | documentation  |  |
| 8853 | task    | Closed      | Highest    | Import Aizoaceae from Kew World Checklist to Caryo spp  | Andreas Müller           |                         | cdmadapter     |  |
| 8844 | task    | Closed      | New        | distinguish SocketTimeoutException from ConnectException  | Andreas Kohlbecker       | Release 5.13            | taxeditor      |  |
| 8841 | task    | In Progress | New        | clean up application context configuration  | Andreas Müller           | Release 5.45            | taxeditor      |  |
| 8840 | task    | New         | New        | Display identifiers in the dataportal   | Katja Luther             | Release 5.43            | cdm-dataportal | MCL,tettris,euro+med,wfo                             |
| 8835 | task    | New         | New        | DISCUSS if the UPDATE & DELETE permission strategy should become a general principle in the cdmlib    | Andreas Kohlbecker       | Release 5.46            | cdmlib         | permission,euro+med                                  |
| 8834 | task    | Closed      | Highest    | use TaxonNodeDto instead of UuidAndTitleCache   | Andreas Kohlbecker       | Release 5.14            | cdm-vaadin     |  |
| 8827 | task    | New         | New        | Add Chapters to Term, TermTrees, Characters to the platform user documentation                        | Andreas Müller           | Update Documentation    | documentation  |  |
| 8826 | task    | New         | New        | DISCUSS: Display of name facts in the portal  | Andreas Kohlbecker       | Unassigned CDM tickets  | cdm-dataportal |  |
| 8820 | task    | New         | New        | Improve BioCase provider selection list   | Katja Luther             | Release 5.46            | taxeditor      | additivity   |

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|------|---------|-----------|------------|---|--------------------|---|------------------------|--|
| 8818 | task    | New       | New        | Remaining issues for DB preferences   | Katja Luther       | Release 5.46  | taxeditor              | euro+med   |
| 8813 | task    | Duplicate | Highest    | Zen theme base font with better readability   | Andreas Kohlbecker |   | cdm-dataportal         |  |
| 8811 | task    | New       | New        | Open issues for "Add distribution aggregation to set subtree menu"                            | Katja Luther       | Release 5.46  | taxeditor              | euro+med,transmission-engine-distribution,cichorieae |
| 8799 | task    | New       | New        | [PESI][E+M] [Discuss] Use reference author instead of (sec)-reference for (Species)ExpertName | Andreas Müller     | PESI 2019   | cdmadapter             | pesi   |
| 8796 | task    | New       | New        | [PESI][DW] Handling of Taxon.SourceFk   | Andreas Müller     | PESI 2019   | cdmadapter             | pesi,export  |
| 8795 | task    | New       | New        | [PESI][DW] CHECK all fields on correct handling of merged data in PESI export                 | Andreas Müller     | PESI 2019   | cdmadapter             | pesi,export  |
| 8794 | task    | New       | Highest    | [PESI][Merge]+[DW] Check all SQL scripts related to merging                                   | Andreas Müller     | PESI 2019   | cdmadapter             | pesi   |
| 8792 | task    | New       | New        | Issues to have in mind for ERMS import  | Andreas Müller     | PESI 2022   | cdmadapter             | erms,pesi  |
| 8786 | task    | Resolved  | Highest    | Display of mean value with min max  | Norbert Kilian     | Release 5.12  | cdm-dataportal         | additivity   |
| 8768 | task    | New       | New        | DISCUSS: place CdmLinks in a separate pseudo feature block?                                   | Andreas Kohlbecker | Unassigned CDM tickets                                  | cdm-dataportal         | additivity   |
| 8741 | task    | Closed    | Highest    | Create test for MapServices to test if they support https                                     | Andreas Kohlbecker |   | geotools - map service | geotools,map   |
| 8734 | task    | Closed    | Highest    | Update distributions from TDWG-L4 to TDWG-L3 where L4=L3                                      | Andreas Müller     |   | data                   | cichorieae   |
| 8727 | task    | Closed    | Highest    | Test Workshop workflow  | Andreas Kohlbecker | Preparation for Kurs „Integrated Taxonomy“ WiSe 2019/20 |                        |  |
| 8722 | task    | Closed    | Highest    | Provide Manuals and Dokumentation for the Kurs „Integrated Taxonomy“ WiSe 2019/20             | Andreas Kohlbecker | Preparation for Kurs „Integrated Taxonomy“ WiSe 2019/20 | Documentation          |  |
| 8716 | task    | Closed    | Priority13 | Configure taxeditor to run with GTK2 in linux   | Andreas Kohlbecker | Release 5.12  | taxeditor              |  |
| 8712 | task    | Closed    | New        | Kurs "Integrated Taxonomy" : prepare setup for workshop computers                             | Andreas Kohlbecker | Preparation for Kurs „Integrated Taxonomy“ WiSe 2019/20 |                        |  |
| 8711 | task    | Closed    | Highest    | add additivity ontologies to the bupleurum database   |                    | Preparation for Kurs „Integrated Taxonomy“ WiSe 2019/20 | workshop-data          |  |
| 8710 | task    | New       | New        | Decide if sub-area Preference and/or status order preference rule                             | Andreas Müller     | Unassigned CDM tickets                                  | cdm-dataportal         |  |

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|------|---------|-------------|------------|--|---------------------|---|---------------|---|
| 8704 | task    | Closed      | New        | Test specimen import via BioCase and write documentation   | Andreas Kohlbecker  | Preparation for Kurs „Integrated Taxonomy“ WiSe 2019/20 | Documentation |   |
| 8689 | task    | Closed      | Highest    | Export Flora of Greece Bupleurum using Cdm2Cdm export  | Andreas Müller      | Preparation for Kurs „Integrated Taxonomy“ WiSe 2019/20 | workshop-data |   |
| 8683 | task    | Closed      | Highest    | TaxonDaoHibernateImpl.countTaxaByName rename parameter authorship authorshipCache                        | Andreas Kohlbecker  | Release 5.12  | cdmlib        |   |
| 8679 | task    | Closed      | New        | Further unify description aggregation methods  | Andreas Müller      | Release 5.12  | cdmlib        | euro+med,additivity,transmission-engine-distribution      |
| 8678 | task    | New         | New        | Update Fauna Europaea Master Db for common names with area = North America and language = Dutch (Middle) | Katja Luther        | Unassigned CDM tickets                                  | data          |   |
| 8674 | task    | Closed      | Highest    | configure cdm-server docker image to run with jemalloc   | Andreas Kohlbecker  | Release 5.11  | cdmserver     | performance,memory  |
| 8672 | task    | In Progress | Highest    | Source handling during (distribution) aggregation  | Andreas Müller      | Release 5.46  | cdmlib        | transmission-engine-distribution,euro+med,aggregation     |
| 8671 | task    | Rejected    | Highest    | Distribution in E+M (BM) on different levels   | Andreas Müller      |   | cdmlib        | transmission-engine-distribution,euro+med                 |
| 8652 | task    | Closed      | Priority14 | disentangle confusion when connecting to development cdm instance fails                                  | Andreas Kohlbecker  | Release 5.11  | taxeditor     |   |
| 8651 | task    | Closed      | Highest    | Unify description aggregation methods (distribution and structured descriptive data)                     | Andreas Müller      | Release 5.11  | cdmlib        | additivity,transmission-engine-distribution,euro+med,pesi |
| 8644 | task    | New         | Highest    | [PESI][FE] Verify FauEu PESI export  | Andreas Müller      | PESI 2019   | cdmadapter    | pesi  |
| 8635 | task    | Closed      | New        | install collectd + facette for server monitoring   | Andreas Kohlbecker  | Release 5.18  | devOps        |   |
| 8619 | task    | New         | New        | Distribution Selection Dialog: optimize column width for more compact layout                             | Katja Luther        | Unassigned CDM tickets                                  | taxeditor     | Usability   |
| 8618 | task    | New         | New        | Distribution Selection Dialog:   | Katja Luther        | Unassigned CDM tickets                                  | taxeditor     | Usability   |
| 8617 | task    | New         | New        | rename Distribution Selection Wizard -> Distribution Selection Dialog                                    | Katja Luther        | Unassigned CDM tickets                                  | taxeditor     | UX  |
| 8609 | task    | Closed      | New        | Rename Taxon Node context menu entry Open in .. -> Taxon Node Wizard                                     | Katja Luther        | Release 5.11  | taxeditor     | UX  |
| 8607 | task    | New         | New        | Dataprocessing for GBOL Dataportal/Algaterra   | Wolf-Henning Kusber | Unassigned CDM tickets                                  | data          | gbol  |
| 8602 | task    | New         | New        | Discuss: Local Preferences & Server-sided Preferences in same menu?                                      | Katja Luther        | Unassigned CDM tickets                                  | taxeditor     | UX  |
| 8599 | task    | New         | New        | TypeDesignation details pane: clarify function of the remove buttons                                     | Katja Luther        | Unassigned CDM tickets                                  | taxeditor     | Usability   |

| #    | Tracker | Status      | Priority   | Subject   | Assignee            | Target version                      | Category           | Tags                             |
|------|---------|-------------|------------|---|---------------------|-------------------------------------|--------------------|----------------------------------|
| 8598 | task    | New         | New        | Prevent from adding type designations to names with informal ranks                            | Katja Luther        | Unassigned CDM tickets              | taxeditor          |                                  |
| 8580 | task    | Closed      | Highest    | Update documentation to latest revision of the Taxeditor                                      | Andreas Kohlbecker  | Planning phase 1                    | Documentation      |                                  |
| 8578 | task    | Closed      | Highest    | Discuss and find appropriate terms for major editor parts (window, view, editor, panel, pane) | Andreas Kohlbecker  | Planning phase 1                    | Documentation      |                                  |
| 8577 | task    | In Progress | Highest    | [PESI][E+M] Validation for E+M export   | Andreas Müller      | PESI 2019                           | cdmadapter         | pesi                             |
| 8576 | task    | New         | Highest    | [PESI][DW] Dokumentation for PESI export  | Andreas Müller      | PESI 2019                           | documentation      | pesi                             |
| 8574 | task    | New         | New        | Übernahme von Namen in Phycobank  | Wolf-Henning Kusber | Unassigned CDM tickets              | cdm-vaadin         | phycobank                        |
| 8563 | task    | Closed      | Highest    | Implement process to generate PDFs from the docx files  | Andreas Kohlbecker  | Planning phase 1                    | Documentation      |                                  |
| 8561 | task    | New         | New        | Evaluation of options for a "one klick" setup in cloud environments                           | Andreas Müller      | Unassigned CDM tickets              | platform           | Meeting_2019-09-07               |
| 8560 | task    | New         | New        | Identification of single user problems with the platform                                      | Andreas Müller      | Update Documentation                | documentation      | Meeting_2019-09-07               |
| 8559 | task    | Worksforme  | Priority13 | Revision of the technical concept for the demosites   | Andreas Müller      |                                     | architecture       | Meeting_2019-09-02,demoserver    |
| 8557 | task    | New         | New        | Reorganization of platform user documentation   | Andreas Müller      | Update Documentation                | documentation      | Meeting_2019-09-02,editor_manual |
| 8555 | task    | Closed      | New        | Evaluate document format and management for the documentation                                 | Andreas Kohlbecker  | Modularization of the documentation | Documentation      | Meeting_2019-09-02               |
| 8546 | task    | New         | New        | type specimen editor: published in vs. designated by  | Andreas Kohlbecker  | Unassigned CDM tickets              | cdm-vaadin         | phycobank                        |
| 8543 | task    | Closed      | New        | overcome distinction of annotation and other foonotes   | Andreas Kohlbecker  | Release 5.17                        | cdm-dataportal     |                                  |
| 8534 | task    | New         | New        | Usability/UX ticket overview  | Andreas Müller      | Unassigned CDM tickets              | taxeditor          | UX,Usability                     |
| 8518 | task    | New         | New        | [PESI][DW] PESI export rules documented   | Andreas Müller      | PESI 2019                           | cdmadapter         | pesi                             |
| 8514 | task    | Closed      | Highest    | remove all Phycobank redmine instances  | Katja Luther        |                                     | server-maintenance | phycobank                        |
| 8513 | task    | Closed      | Highest    | CdmUtils: remove MUST_EXIST_FILE and getResourceFolderSeperator()                             | Andreas Kohlbecker  | Release 5.10                        | cdmlib             |                                  |
| 8512 | task    | New         | New        | Consider making Registration a subclass of IdentifiableEntity                                 | Andreas Müller      | Unassigned CDM tickets              | cdm                | phycobank                        |
| 8509 | task    | In Progress | Highest    | [PESI][ERMS] Export ERMS data to PESI   | Andreas Müller      | PESI 2019                           | cdmadapter         | erms                             |
| 8506 | task    | New         | New        | Remove the UpdatableRoutingDataSource, related classes and configuration                      | Andreas Müller      | Unassigned CDM tickets              | cdmlib             |                                  |

| #    | Tracker | Status      | Priority   | Subject   | Assignee           | Target version         | Category       | Tags  |
|------|---------|-------------|------------|---|--------------------|------------------------|----------------|---|
| 8505 | task    | Closed      | Highest    | ConfigFileUtil: turn all spring bean methods into not statical methods.   | Andreas Kohlbecker | Release 5.10           | cdmlib         |   |
| 8504 | task    | Closed      | Highest    | Name page: allow hiding the Taxon section via settings  | Andreas Kohlbecker | Release 5.10           | cdm-dataportal | phycobank   |
| 8501 | task    | New         | Priority14 | setup OWASP vulnerability checker for projects  | Andreas Kohlbecker | Release 5.46           | devOps         | security  |
| 8499 | task    | New         | New        | Decide how to handle additional parameters like refAuthorString and originalNomenclaturalTitle for Berlin Model/E+M | Andreas Müller     | CDM UML 5.43           | cdm            | euro+med  |
| 8483 | task    | New         | Priority14 | Return EnumSets in EnumeratedTermVoc.getGeneralizationOf and similar methods  | Andreas Müller     | Release 5.46           | cdmlib         |   |
| 8479 | task    | In Progress | Highest    | [PESI][FE] Cdm-2-Cdm import for FauEu   | Andreas Müller     | PESI 2019              | cdmadapter     | pesi  |
| 8468 | task    | Closed      | Highest    | Remove old InapplicableIef tables   | Andreas Müller     | Release 5.12           | cdm            | additivity  |
| 8466 | task    | Closed      | Highest    | Delete FeatureTree tables   | Andreas Müller     | Release 5.11           | cdm            |   |
| 8458 | task    | Closed      | New        | document FieldUnitDTOccurrenceServiceImpl.findFieldUnit DTO()   | Andreas Kohlbecker | Release 5.18           | cdmlib         |   |
| 8457 | task    | Duplicate   | New        | FieldUnitDTO: remove taxonRelatedDerivedUnits   | Andreas Müller     |                        | cdmlib         |   |
| 8456 | task    | Closed      | New        | FieldUnitDTO: remove newInstanceMethod  | Katja Luther       | Release 5.10           | cdmlib         |   |
| 8455 | task    | New         | New        | Show specimen preferredStableURL as external link icon?   | Andreas Kohlbecker | Release 5.46           | cdm-dataportal | specimen,specimens-view-table,specimens-view-path,specimens-view-tree |
| 8449 | task    | Closed      | Highest    | improve layout of registration page to clearly show the nomenclatural act   | Andreas Kohlbecker | Release 5.9            | cdm-dataportal | phycobank   |
| 8445 | task    | Closed      | Highest    | improve service description   | Andreas Müller     | UTIS 1.3               | utis           |   |
| 8438 | task    | Closed      | Highest    | remove featureTree/* web services in August 2021 if they are unused   | Andreas Kohlbecker | Release 5.27           | cdmlib-remote  |   |
| 8437 | task    | Resolved    | Priority14 | ITermTreeService provides a list method which supports filtering by TermTree.termType,                              | Andreas Müller     | Release 5.9            | cdmlib         |   |
| 8436 | task    | Closed      | Priority14 | featureTree/* services should filter the termTrees by the TermType Feature  | Andreas Kohlbecker | Release 5.9            | cdmlib-remote  |   |
| 8435 | task    | New         | New        | Reduce logging amount of exports and other long running tasks   | Katja Luther       | Unassigned CDM tickets | cdmlib         |   |
| 8434 | task    | Closed      | Highest    | Change FeatureTree contollers to TermTree contollers  | Andreas Kohlbecker | Release 5.9            | cdmlib-remote  |   |
| 8425 | task    | Closed      | New        | FieldUnitDTO: remove taxonRelatedDerivedUnits   | Katja Luther       | Release 5.10           | cdmlib         |   |
| 8424 | task    | New         | New        | evaluate publish flags in the full derivative path  | Andreas Kohlbecker | Unassigned CDM tickets | cdmlib-remote  | permission,specimen   |

| #    | Tracker | Status      | Priority   | Subject   | Assignee            | Target version                 | Category       | Tags                                     |
|------|---------|-------------|------------|---|---------------------|--------------------------------|----------------|--|
| 8420 | task    | Closed      | Highest    | improve admin settings for specimens representations                                | Andreas Kohlbecker  | Release 5.17                   | cdm-dataportal |  |
| 8419 | task    | In Progress | Highest    | Harmonization of the different specimen representations                             | Andreas Kohlbecker  | Release 5.45                   | cdm-dataportal |  |
| 8418 | task    | Closed      | Highest    | specimens and occurrence links must not have a target=_blank attribute              | Andreas Kohlbecker  | Release 5.9                    | cdm-dataportal |  |
| 8414 | task    | Closed      | Highest    | occurrence controller code cleaning and harmonization                               | Andreas Kohlbecker  | Release 5.9                    | cdmlib-remote  |  |
| 8406 | task    | Closed      | Highest    | specimens and occurrence code cleaning and harmonization                            | Andreas Kohlbecker  | Release 5.9                    | cdm-dataportal |  |
| 8405 | task    | Rejected    | Highest    | Adapt cdm-vaadin to term structure changes  | Andreas Kohlbecker  |                                | cdm-vaadin     | phycobank                                |
| 8392 | task    | Worksforme  | New        | Types in Phycobank  | Andreas Kohlbecker  |                                | cdm-dataportal | phycobank                                |
| 8391 | task    | In Progress | Priority14 | Name page shows complete name information (II)                                      | Andreas Kohlbecker  | Release 5.45                   | cdm-dataportal | caryophyllales,phycobank                 |
| 8379 | task    | Closed      | Highest    | Review strange specimen implementations   | Andreas Kohlbecker  | Release 5.18                   | cdm-dataportal | specimen                                 |
| 8363 | task    | Worksforme  | Priority14 | PESI SOAP service seems to return duplicate records                                 | Andreas Kohlbecker  |                                | utis           |  |
| 8359 | task    | Closed      | Highest    | Update WoRMS client adapter   | Andreas Kohlbecker  | UTIS 1.3                       | utis           | phycobank                                |
| 8336 | task    | Duplicate   | New        | Unignore FeatureTest  | Andreas Müller      |                                | cdm            |  |
| 8301 | task    | New         | New        | Test family editor rights   | Andreas Müller      | Euro+Med TaxEditor issues      | cdmlib         | euro+med,security                        |
| 8275 | task    | Worksforme  | Highest    | [DISCUSS] Relationship between invalid designations and invalid names / nom. inval. | Andreas Müller      | Euro+Med Portal Release        | cdm            | euro+med                                 |
| 8272 | task    | New         | New        | Add includedIn relations to E+M areas   | Andreas Müller      | Euro+Med post migration        | data           | euro+med                                 |
| 8262 | task    | Resolved    | Priority13 | Handle language area Wales correctly  | Andreas Müller      | Euro+Med post migration        | data           | euro+med                                 |
| 8209 | task    | Closed      | Highest    | use ellypsed references for all reference comboboxes                                | Wolf-Henning Kusber | Release 5.7                    | cdm-vaadin     | phycobank                                |
| 8201 | task    | In Progress | Highest    | test all delete functionality in the RegistrationUI                                 | Andreas Müller      | Phycobank ready for submitters | cdm-vaadin     | phycobank,phycobank-ready-for-submitters |
| 8168 | task    | New         | Highest    | Check if withdrawing of per entity permission is working correctly for inReferences | Andreas Kohlbecker  | Reviewed Next Major Release    | cdm-vaadin     | permission,phycobank                     |
| 8166 | task    | Closed      | Highest    | Adapt dataportal to term structure changes  | Andreas Kohlbecker  | Release 5.9                    | cdm-dataportal |  |

| #    | Tracker | Status      | Priority   | Subject  | Assignee            | Target version              | Category           | Tags               |
|------|---------|-------------|------------|--|---------------------|-----------------------------|--------------------|--------------------|
| 8162 | task    | Closed      | Highest    | Move term related classes from model.common to model.term  | Andreas Müller      | Release 5.6                 | cdm                |                    |
| 8159 | task    | New         | New        | Replace LocalSelectionTransfer for DnD operations  | Katja Luther        | Unassigned CDM tickets      | taxeditor          |                    |
| 8130 | task    | In Progress | Highest    | Check if related feature data is cleared when supported facts type is changed                    | Katja Luther        | Release 5.46                | taxeditor          |                    |
| 8127 | task    | Discussed   | Highest    | [Reminder] to check if Hibernate Null Value bug still exists                                     | Andreas Müller      | Reviewed Next Major Release | cdmlib             |                    |
| 8118 | task    | Feedback    | Priority14 | Update MySQL drivers   | Andreas Müller      | Release 5.46                | cdmlib             |                    |
| 8109 | task    | New         | Priority14 | Concept for linking from taxon entries to name pages   | Andreas Kohlbecker  | Release 5.46                | cdm-dataportal     |                    |
| 8091 | task    | In Progress | Priority14 | Discuss Referencetype PrintSeries with respect to user needs of Phycobank and taxonomic projects | Andreas Müller      | Release 5.45                | cdm                | editor,phycobank   |
| 8087 | task    | New         | Priority13 | improve response model of registration/identifier/{registrationID}/status.json web service       | Andreas Kohlbecker  | Reviewed Next Major Release | cdmlib-remote      | phycobank          |
| 8081 | task    | Closed      | Highest    | Complete removal of redmine communication hub instances  | Andreas Kohlbecker  |                             | server-maintenance | phycobank          |
| 8057 | task    | Closed      | New        | Upgrade to debian 10   | Andreas Müller      | Release 5.31                | server-maintenance |                    |
| 8055 | task    | Rejected    | Highest    | Correct formatting for invalid designations  | Andreas Müller      |                             | cdmlib             | euro+med           |
| 8047 | task    | Closed      | Highest    | Remaining issues in TaxDistributionEditor  | Katja Luther        | Release 5.13                | taxeditor          | distributionEditor |
| 8001 | task    | New         | Highest    | Update CDM preference paths for v5.5   | Andreas Müller      | CDM UML 5.43                | cdm                | preferences        |
| 7987 | task    | New         | Highest    | [DISUCSS] Do we need an editor in Reference linking to TeamOrPersonBase                          | Andreas Müller      | CDM UML 5.43                | cdm                |                    |
| 7986 | task    | New         | New        | Let eu.etaxonomy.cdm.model.reference.ReferencePropertyDefinitions use Reference interfaces       | Andreas Müller      | Unassigned CDM tickets      | cdmlib             |                    |
| 7984 | task    | New         | Priority14 | Remove URI from Reference  | Andreas Müller      | CDM UML 5.43                | cdm                |                    |
| 7983 | task    | New         | Priority14 | [DISCUSS] Do we need multiple ISBN per reference   | Andreas Müller      | CDM UML 5.43                | cdm                |                    |
| 7976 | task    | Closed      | Highest    | [PESI][ERMS] Erms taxon import   | Andreas Müller      | PESI 2019                   | cdmadapter         | pesi,erms          |
| 7967 | task    | New         | Priority14 | AnnotationBasedAccessControlBean to implement ViewAccessControl                                  | Andreas Kohlbecker  | Reviewed Next Major Release | cdm-vaadin         | phycobank          |
| 7964 | task    | Feedback    | New        | Name and orthographic variant - were to link types   | Wolf-Henning Kusber | Unassigned CDM tickets      | cdm-vaadin         | phycobank          |
| 7961 | task    | New         | Priority14 | Consider removal of the TaxonNamePopupEditorMode ORTHOGRAPHIC_CORRECTION                         | Andreas Müller      | Reviewed Next Major Release | cdm-vaadin         | phycobank          |

| #    | Tracker | Status   | Priority   | Subject  | Assignee            | Target version              | Category           | Tags                  |
|------|---------|----------|------------|--|---------------------|-----------------------------|--------------------|-----------------------|
| 7960 | task    | New      | New        | Revision of NameRelationshipTypes  | Wolf-Henning Kusber | Unassigned CDM tickets      | cdm                |                       |
| 7958 | task    | New      | New        | General concept for a flexible and generic entity and dto formatter framework in the cdmlib    | Andreas Müller      | Unassigned CDM tickets      | cdmlib             | formatting            |
| 7955 | task    | New      | New        | Conecept for centralizes init strategies   | Andreas Müller      | Unassigned CDM tickets      | cdmlib             |                       |
| 7948 | task    | Closed   | New        | Editor for Classification Fragments  | Andreas Kohlbecker  |                             | data               | phycobank             |
| 7935 | task    | Closed   | Highest    | Discuss new solution to establish the communication between submitter and curator              | Andreas Kohlbecker  |                             | cdm-vaadin         | phycobank             |
| 7921 | task    | Closed   | Highest    | Create database for Caucasus distribution editing  | Andreas Müller      |                             | cdmadapter         | euro+med,caucasus     |
| 7918 | task    | Closed   | Highest    | Revision of reference type specific properties   | Andreas Müller      | Release 5.5                 | cdm                |                       |
| 7890 | task    | New      | Priority14 | Display of name relations in the data portal [master ticket]                                   | Andreas Kohlbecker  | Release 5.46                | cdm-dataportal     | phycobank             |
| 7866 | task    | Closed   | New        | Phycobank UI further label improvements  | Andreas Kohlbecker  | Release 5.5                 | cdm-vaadin         | phycobank             |
| 7862 | task    | Closed   | New        | Improve documentation on TaxonGraphHibernateListener and related classes                       | Andreas Kohlbecker  | Release 5.18                | cdmlib             | documentation         |
| 7854 | task    | Closed   | Highest    | Open issues in TaxDistributionEditor   | Katja Luther        | Release 5.5                 | taxeditor          | euro+med              |
| 7846 | task    | Closed   | Highest    | PopupEditors show editor context information as 'breadcrumbs' in the header or toolbar.        | Andreas Kohlbecker  | Release 5.5                 | cdm-vaadin         | phycobank             |
| 7843 | task    | New      | Priority14 | blocking registrations can get lost when first TaxonNamePopupEditor with new name is not saved | Andreas Kohlbecker  | Reviewed Next Major Release | cdm-vaadin         | phycobank             |
| 7816 | task    | New      | Priority14 | Handle nomStatus references correctly  | Andreas Müller      | Euro+Med post migration     | cdmadapter         | euro+med              |
| 7811 | task    | Feedback | Priority10 | Import higher classifications  | Wolf-Henning Kusber | Release 5.5                 | data               | phycobank             |
| 7798 | task    | Resolved | Highest    | [AM, ERS]: Import (freetext) nameInSource correctly  | Andreas Müller      | Euro+Med Migration          | cdmadapter         | euro+med              |
| 7796 | task    | Resolved | Priority14 | [CHECK] Handle Bibliography Name Facts correctly   | Andreas Müller      | Euro+Med Migration          | cdmadapter         | euro+med              |
| 7795 | task    | Closed   | New        | untilis xml DataSets creation without "[NULL]" values  | Andreas Kohlbecker  | Release 5.4                 | cdmlib             | test                  |
| 7789 | task    | New      | New        | redirect URIs referencing Drupal nodes to lowercase URI  | Andreas Kohlbecker  | Unassigned CDM tickets      | server-maintenance | caryophyllales        |
| 7785 | task    | Closed   | Priority14 | CdmUserHelper caches permission information  | Andreas Kohlbecker  | Release 5.4                 | cdm-vaadin         | phycobank,performance |
| 7784 | task    | Closed   | New        | deduplicate and harmonize ClassificationController methods                                     | Andreas Kohlbecker  | Release 5.4                 | cdmlib-remote      |                       |

| #    | Tracker | Status      | Priority   | Subject   | Assignee            | Target version              | Category       | Tags                |
|------|---------|-------------|------------|---|---------------------|-----------------------------|----------------|---------------------|
| 7762 | task    | New         | Highest    | E+M: Handle "{non ...}" annotations for misapplied names currently handled as appended phrase                       | Andreas Müller      | Euro+Med post migration     | cdmadapter     | euro+med            |
| 7758 | task    | New         | Highest    | Manual cleanup after E+M import   | Andreas Müller      | Euro+Med post migration     | data           | euro+med            |
| 7757 | task    | Closed      | New        | Replace deprecated hibernate @Index annotation  | Andreas Müller      | Release 5.3                 | cdmlib         |                     |
| 7713 | task    | In Progress | Priority14 | Atomize last scrutiny references  | Andreas Müller      | Euro+Med post migration     | data           | euro+med            |
| 7673 | task    | New         | Highest    | review ABCD import  | Wolf-Henning Kusber | Unassigned CDM tickets      | cdmadapter     |                     |
| 7651 | task    | New         | Priority14 | RegistrationManager implemented   | Andreas Kohlbecker  | Reviewed Next Major Release | cdmlib         | phycobank           |
| 7650 | task    | New         | Highest    | RegistrationFactory implemented   | Andreas Kohlbecker  | Reviewed Next Major Release | cdmlib         | phycobank           |
| 7636 | task    | Closed      | Priority14 | remove obsolete code which dissociates removed TypeDesignations from Registrations                                  | Andreas Kohlbecker  | Release 4.12                | cdm-vaadin     | phycobank           |
| 7607 | task    | Closed      | New        | TypeDesignationSetManager: remove brackets from type representations  | Andreas Kohlbecker  | Release 5.2                 | cdmlib         | phycobank           |
| 7596 | task    | Closed      | New        | PhycoBank Portal - Formatting   | Andreas Kohlbecker  | Release 5.2                 | cdm-dataportal | phycobank           |
| 7587 | task    | New         | Priority14 | ToOneRelatedEntityReloader to listen and operate on PropertyDatasources directly?                                   | Andreas Kohlbecker  | Reviewed Next Major Release | cdm-vaadin     | phycobank           |
| 7573 | task    | Closed      | Highest    | CollectionPopEditor superCollection only visible for advanced users   | Andreas Kohlbecker  | Release 5.2                 | cdm-vaadin     | phycobank           |
| 7565 | task    | New         | New        | cdm_taxontree remove all code for using the tree to browse drupal term taxonomies                                   | Andreas Kohlbecker  | Unassigned CDM tickets      | cdm-dataportal |                     |
| 7562 | task    | Closed      | New        | Specimen table "Associated with" taxon is irritating and needs to be removed, replaced                              | Andreas Kohlbecker  | Release 5.2                 | cdm-dataportal | campanula,phycobank |
| 7561 | task    | Closed      | New        | OccurrencePortalController and FieldUnitDTO should not allow passing the determination, associated name as argument | Andreas Kohlbecker  | Release 5.2                 | cdmlib-remote  |                     |
| 7553 | task    | Closed      | New        | move TypeDesignationSetManagerIT to cdmlib  | Katja Luther        | Release 5.3                 | cdmlib         | type designation    |
| 7550 | task    | Closed      | New        | Move UserHelper from cdm-vaadin into cdmlib   | Andreas Kohlbecker  | Release 5.2                 | cdmlib         | phycobank           |
| 7546 | task    | Closed      | Highest    | Better guidance for users when creating registrations for existing names  | Andreas Kohlbecker  | Release 5.2                 | cdm-vaadin     | phycobank           |
| 7527 | task    | Closed      | Highest    | CdmEntityDaoBase.*ByParam() public and also available in the service layer  | Andreas Kohlbecker  | Release 5.2                 | cdmlib         |                     |
| 7526 | task    | New         | New        | move IdentifiableDaoBase.findByReferenceTitle() into ReferenceDao   | Andreas Müller      | Unassigned CDM tickets      | cdmlib         |                     |

| #    | Tracker | Status      | Priority   | Subject  | Assignee           | Target version              | Category      | Tags           |
|------|---------|-------------|------------|--|--------------------|-----------------------------|---------------|----------------|
| 7515 | task    | Resolved    | Highest    | TypeDesignationStatusComparator to sort by vocabulary first and then by term order       | Andreas Müller     | Release 5.6                 | taxeditor     |                |
| 7497 | task    | Rejected    | New        | Dokument and add guides and hints to the UI  | Andreas Kohlbecker |                             | cdm-vaadin    | phycobank      |
| 7483 | task    | New         | New        | MobotOpenUrlServiceWrapper throws Exceptions in case of problems                         |                    | Unassigned CDM tickets      | cdmlib        |                |
| 7479 | task    | New         | New        | consider a cleaner implementation of adaptive reference field visibility                 | Katja Luther       | Unassigned CDM tickets      | taxeditor     |                |
| 7474 | task    | New         | New        | Unify code base for moving taxon nodes   | Katja Luther       | Unassigned CDM tickets      | taxeditor     |                |
| 7466 | task    | New         | Priority14 | Use markers to identify references for ICBN or other codes                               | Andreas Kohlbecker | Reviewed Next Major Release | cdm-vaadin    | phycobank      |
| 7455 | task    | Resolved    | Highest    | [Check] Check all markers for correctnes   | Andreas Müller     | Euro+Med Migration          | cdmadapter    | euro+med       |
| 7448 | task    | New         | Highest    | Replace auct. reference  | Andreas Müller     | Euro+Med post migration     | cdmadapter    | euro+med       |
| 7446 | task    | New         | Priority14 | Check if all extensions are needed   | Andreas Müller     | Euro+Med Migration          | cdmadapter    | euro+med       |
| 7436 | task    | New         | Priority14 | Handling verbatimDate in E+M import  | Andreas Müller     | Euro+Med post migration     | data          | euro+med       |
| 7435 | task    | In Progress | Priority14 | Handle also published in correctly   | Andreas Müller     | Euro+Med post migration     | data          | euro+med       |
| 7425 | task    | Closed      | Highest    | Implement VerbatimTimeField for cdm-vaadin and use this in the ReferencePopupEditor      | Andreas Kohlbecker | Release 5.0                 | cdm-vaadin    | phycobank      |
| 7420 | task    | Closed      | Highest    | Import for higher taxon graph for phycobank  | Andreas Müller     |                             | cdmadapter    | phycobank      |
| 7414 | task    | Closed      | New        | Delete mediaCreatedOld   | Andreas Müller     | CDM UML 5.5                 | cdm           |                |
| 7410 | task    | New         | Highest    | Rename "Polytomous Key" to "Single access key" in TaxEditor                              | Katja Luther       | Unassigned CDM tickets      | taxeditor     |                |
| 7407 | task    | In Progress | Priority11 | [E+M] Remove synonym autonyms  | Andreas Müller     | Euro+Med post migration     | data          | euro+med       |
| 7404 | task    | Closed      | Priority13 | Add linux and mac to editor installation documentation                                   | Katja Luther       | Release 5.33                | documentation |                |
| 7374 | task    | Closed      | New        | Set titleCache of feature trees to protected as long as i18n support does not yet exist. | Andreas Müller     | CDM UML 5.0                 | data          |                |
| 7369 | task    | Closed      | Priority13 | Handle taxonomically valueless taxa correctly  | Andreas Müller     | Euro+Med Migration          | cdmadapter    | euro+med, pesi |
| 7365 | task    | Closed      | New        | enable CdmPopupEditors to operate on CdmDecoratorDTOs                                    | Andreas Kohlbecker | Release 5.0                 | cdm-vaadin    |                |
| 7364 | task    | Closed      | Highest    | TaxonNameEditor supports editing of a validated name                                     | Andreas Kohlbecker | Release 5.1                 | cdm-vaadin    | phycobank      |

| #    | Tracker | Status      | Priority   | Subject  | Assignee           | Target version                      | Category       | Tags                    |
|------|---------|-------------|------------|--|--------------------|-------------------------------------|----------------|-------------------------|
| 7356 | task    | In Progress | Priority14 | setup selenium test suite for cdm-vaadin   | Andreas Kohlbecker | Release 5.45                        | cdm-vaadin     | phycobank,test,selenium |
| 7355 | task    | Closed      | New        | TaxonNamePopupEditor: newly created nomenclatural reference should be selected immediately               | Andreas Kohlbecker | Release 5.0                         | cdm-vaadin     | phycobank               |
| 7347 | task    | New         | New        | Generic test suite to monitor multiple dataportals   | Andreas Kohlbecker | Unassigned CDM tickets              | cdm-dataportal | test,selenium           |
| 7346 | task    | Closed      | Highest    | [CHECK] Use separate area vocabulary for common names  | Andreas Müller     | Euro+Med Migration                  | cdmadapter     | euro+med                |
| 7343 | task    | Closed      | Highest    | PersonField allows editing the nomenclaturalTitle  | Andreas Kohlbecker | Release 5.0                         | cdm-vaadin     | phycobank               |
| 7341 | task    | Resolved    | Highest    | [Check] CommonName import issues   | Andreas Müller     | Euro+Med post migration             | cdmadapter     | euro+med                |
| 7339 | task    | Closed      | New        | activate clickable links for references in Phycobank Dataportal  | Andreas Kohlbecker |                                     | cdm-dataportal | phycobank               |
| 7338 | task    | Closed      | Highest    | Validate taxon name against the higher taxon name  | Andreas Kohlbecker | Release 5.1                         | cdm-vaadin     | phycobank               |
| 7332 | task    | New         | Priority14 | Registration Workingset Editor: better UI behavior with blocking Registration in same workingset         | Andreas Kohlbecker | Reviewed Next Major Release         | cdm-vaadin     | phycobank               |
| 7330 | task    | New         | New        | TitleAndNameCacheAutoInitializer misses out References   | Andreas Müller     | Unassigned CDM tickets              | cdmlib         |                         |
| 7325 | task    | Closed      | Highest    | Taxeditor uses CdmTransientEntityCacher from cdmlib-cache  | Katja Luther       | Release 5.0                         | taxeditor      |                         |
| 7319 | task    | Resolved    | Highest    | [CHECK] Import synonyms correctly in E+M   | Andreas Müller     | Euro+Med Migration                  | cdmadapter     | euro+med                |
| 7318 | task    | New         | New        | cdm_dataportal installation profile misses permissions   | Andreas Kohlbecker | cdm_dataportal - Next Major Release | cdm-dataportal | i18n                    |
| 7316 | task    | Resolved    | Highest    | [E+M] Handle name relations correctly  | Andreas Müller     | Euro+Med Portal Release             | data           | euro+med                |
| 7315 | task    | Rejected    | New        | remove workaround RedmineTransportAccessor   | Andreas Kohlbecker |                                     | cdmlib         | phycobank               |
| 7296 | task    | Closed      | Highest    | externalize redmine api key  | Andreas Kohlbecker | Release 5.8                         | cdmlib         | phycobank               |
| 7288 | task    | New         | New        | Separate Unit and integration tests completely,  | Andreas Müller     | Unassigned CDM tickets              | cdmlib         | test                    |
| 7286 | task    | Duplicate   | Highest    | re-enable dozer related tests  | Andreas Kohlbecker |                                     | cdmlib-remote  |                         |
| 7274 | task    | Closed      | Highest    | GrantedAuthorityRevokingRegistrationUpdateLister: add the exception handling for failing flush or commit | Andreas Kohlbecker | Release 5.2                         | cdm-vaadin     | permission,phycobank    |

| #    | Tracker | Status   | Priority   | Subject  | Assignee           | Target version                 | Category   | Tags        |
|------|---------|----------|------------|--|--------------------|--------------------------------|------------|-------------|
| 7271 | task    | New      | New        | Find better symbols for unplaced and excluded                              | Katja Luther       | Unassigned<br>CDM tickets      | taxeditor  |             |
| 7269 | task    | Closed   | New        | Use redmine as message hub for submitter curator communication             | Andreas Kohlbecker | Release 5.0                    | cdm-vaadin | phycobank   |
| 7248 | task    | New      | Priority10 | Remove extra transaction in CdmStore.deleteBean(T bean, AbstractView view) | Andreas Kohlbecker | Reviewed Next<br>Major Release | cdm-vaadin | phycobank   |
| 7238 | task    | Closed   | New        | Rename lastName and firstName  | Andreas Müller     | CDM UML 5.0                    | cdm        |             |
| 7216 | task    | Resolved | Highest    | Import pteridophyta for Cuba checklist                                     | Andreas Müller     | Release 4.13                   | cdmadapter | cuba,import |

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