

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
10445	EDIT	discussion	Closed	New	[Master] Upgrade architecture	Andreas Müller	Unassigned CDM tickets	architecture	
8559	EDIT	task	Workforme	Priority13	Revision of the technical concept for the demosites	Andreas Müller		architecture	Meeting_2019-09-02,demoserver
3958	EDIT	feature request	Closed	Priority09	Handle CDMPreference table	Andreas Müller		cdm	
3702	EDIT	feature request	Closed	Priority10	WaterbodyOrCountry ISO 3166 alpha-3 code should be available as attribute	Andreas Müller	CDM UML 3.3	cdm	
2854	EDIT	feature request	Closed	Priority11	Implement part of other title for part of articles and part of booksections	Andreas Müller	cdmlib RELEASE 3.3.0	cdm	euro+med,migration
10385	EDIT	feature request	Closed	Priority13	Add transliteration field to common names	Andreas Müller	Release 5.40	cdm	caucasus
10318	EDIT	feature request	Closed	Priority13	Add modifier vocabularies from Endara et al	Andreas Müller	Release 5.38	cdm	terms,additivity
10310	EDIT	feature request	Closed	Priority13	Add IUCN status as feature	Andreas Müller	Release 5.38	cdm	euro+med
10133	EDIT	feature request	Closed	Priority13	Improve ontology state vocabularies	Andreas Müller	Release 5.40	cdm	additivity,terms
6591	EDIT	task	Closed	Priority13	Use name used in source for original spelling	Andreas Müller	Release 5.18	cdm	
5149	EDIT	bug	Closed	Priority13	Remove UNIQUE index on Sequence_Reference.citations_id column	Andreas Müller	CDM UML 4.7	cdm	
3972	EDIT	feature request	Closed	Priority13	Strictly validate username to not null and not empty	Andreas Müller	CDM UML 5.8	cdm	
3658	EDIT	bug	Closed	Priority13	Update Nomenclatural code for datasources	Andreas Müller	CDM UML 4.1	cdm	
2975	EDIT	feature request	Closed	Priority13	Add noDataStatus to descriptive data (QuantitativeData and CategoricalData)	Andreas Müller	Release 5.40	cdm	additivity,mexico
10329	EDIT	feature request	Closed	Priority14	Max records per State attribute for feature	Andreas Müller	Release 5.38	cdm	mexico
10328	EDIT	feature request	Closed	Priority14	Add "max records per dataset"	Andreas Müller	Release 5.38	cdm	mexico
10286	EDIT	feature request	Closed	Priority14	Add publisher2 and placePublished2 to Reference	Andreas Müller	Release 5.36	cdm	formatting
10201	EDIT	task	Closed	Priority14	Make synonym type an enum	Andreas Müller	Release 5.35	cdm	terms

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10196	EDIT	feature request	Closed	Priority14	Hybrid structure-state terms	Andreas Müller	Release 5.35	cdm	additivity
10083	EDIT	feature request	Closed	Priority14	Add name relationship type "avoids homonym of"/"causes replacement name"	Andreas Müller	Release 5.32	cdm	
10057	EDIT	feature request	Closed	Priority14	Add "accessed" field to OriginalSourceBase	Andreas Müller	Release 5.32	cdm	
9692	EDIT	feature request	Closed	Priority14	Add Operation class and link from TaxonRelationship	Andreas Müller	Release 5.25	cdm	taxonID
9282	EDIT	feature request	Closed	Priority14	Add nomenclatural standing	Andreas Müller	Release 5.18	cdm	
8761	EDIT	feature request	Closed	Priority14	Remove TaxonName_NomenclaturalStatus MN table	Andreas Müller	Release 5.22	cdm	
8738	EDIT	bug	Closed	Priority14	CdmLink.startPos and .endPos should allow Null	Andreas Müller	Release 5.12	cdm	
8724	EDIT	feature request	Closed	Priority14	Allow OriginalSource to link to Taxon	Andreas Müller	Release 5.12	cdm	
8702	EDIT	bug	Closed	Priority14	Remove Not null constraint for uuid in AUD tables	Andreas Müller	Release 5.12	cdm	
5795	EDIT	feature request	Closed	Priority14	[DISCUSS] Do we need comb. ined. as a nomenclatural status?	Andreas Müller	Release 5.18	cdm	
5258	EDIT	feature request	Closed	Priority14	Accessed field for WebPages	Andreas Müller	CDM UML 4.7	cdm	
3734	EDIT	feature request	Closed	Priority14	Stop separating term and schema update	Andreas Müller	CDM UML 4.7	cdm	
10433	EDIT	feature request	Closed	New	Add Index Fungorum name identifier type	Andreas Müller	Release 5.42	cdm	
10341	EDIT	feature request	Closed	New	Add source type "internal"	Andreas Müller	Release 5.38	cdm	type designation
10212	EDIT	feature request	Closed	New	Add usePlural to StateData	Andreas Müller	Release 5.35	cdm	additivity
10097	EDIT	feature request	Closed	New	Rename originalNameString to originalInfo	Andreas Müller	Release 5.32	cdm	
9908	EDIT	feature request	Closed	New	Add timeperiod to credits	Andreas Müller	Release 5.32	cdm	
9782	EDIT	task	Closed	New	Adapt abbreviation and idInVoc for rank "proles"	Andreas Müller	Release 5.27	cdm	
9619	EDIT	feature request	Closed	New	Model changes for taxon concept strategy	Andreas Müller	Release 5.23	cdm	taxonID

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9617	EDIT	task	Closed	New	Rename ICNB to ICNP	Andreas Müller	Release 5.23	cdm	
9614	EDIT	task	Closed	New	Use underscore as word separator for all role based groups	Andreas Müller	Release 5.23	cdm	permission
9311	EDIT	bug	Closed	New	Update some (abbrev) labels for nomenclatural status types	Andreas Müller	Release 5.18	cdm	
9067	EDIT	feature request	Closed	New	[DISCUSS] Allow media to support external links not being files	Andreas Müller		cdm	
9064	EDIT	feature request	Closed	New	Add ExternalLinks to IdentifiableEntities	Andreas Müller	CDM UML 5.15	cdm	
9027	EDIT	feature request	Closed	New	Implement Feature.availableFor	Andreas Müller	CDM UML 5.15	cdm	
9026	EDIT	feature request	Closed	New	Implement Feature.supportedDataTypes as EnumSet	Andreas Müller	CDM UML 5.15	cdm	
8673	EDIT	feature request	Closed	New	Allow OriginalSource to link to other CDM objects	Andreas Müller	Release 5.11	cdm	euro+med,additivity,transmission-engine-distribution
8628	EDIT	bug	Closed	New	Add ORCID as person identifier	Andreas Müller	Release 5.11	cdm	identifier
8625	EDIT	feature request	Closed	New	Add count parameter to StateData	Andreas Müller	Release 5.11	cdm	additivity
8461	EDIT	feature request	Closed	New	Change term URI of TDWG Term to identifier in additivity ontology	Andreas Müller	Release 5.38	cdm	additivity
8138	EDIT	feature request	Closed	New	[DISCUSS] Publish flag for facts and type designations	Andreas Müller	Release 5.38	cdm	
8006	EDIT	feature request	Closed	New	Improve labels for taxon relationships	Andreas Müller	CDM UML 5.5	cdm	
7914	EDIT	feature request	Closed	New	Add ISBN to IProceedings	Andreas Müller	Release 5.5	cdm	phycobank
7469	EDIT	bug	Closed	New	Updated script for individualCount column type in Postgres	Andreas Müller	Release 5.1	cdm	
7468	EDIT	bug	Closed	New	Updated script for mediaCreated does not work for PostgreSQL	Andreas Müller	Release 5.1	cdm	
7414	EDIT	task	Closed	New	Delete mediaCreatedOld	Andreas Müller	CDM UML 5.5	cdm	
7277	EDIT	bug	Closed	New	Add micrometer to MeasurmentUnit	Andreas Müller	Release 5.0	cdm	
7238	EDIT	task	Closed	New	Rename lastName and firstName	Andreas Müller	CDM UML 5.0	cdm	

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7109	EDIT	bug	Closed	New	Rename nom. valid to nom. val.	Andreas Müller	CDM UML 5.0	cdm	
6361	EDIT	feature request	Closed	New	[MASTER] Merge all TaxonName classes into 1 class	Andreas Müller	CDM UML 4.7	cdm	
6089	EDIT	task	Closed	New	Remove taxonomicParentCache and taxonomicChildrenCount from Taxon	Andreas Müller	CDM UML 4.1	cdm	
5981	EDIT	feature request	Closed	New	Add abbreviation to Rank "Cultivar"	Andreas Müller	CDM UML 4.1	cdm	cultivar
5974	EDIT	feature request	Closed	New	Remove synonym relationships	Andreas Müller	CDM UML 4.1	cdm	
5662	EDIT	feature request	Closed	New	New nomenclatural status nom. cons. des.	Andreas Müller	Release 4.0	cdm	cuba
3925	EDIT	feature request	Closed	New	Unplaced and excluded to TaxonNode	Andreas Müller	CDM UML 4.1	cdm	
10337	EDIT	feature request	Closed	Highest	Allow supportedCategoricalEnumeration and recommendedModifiers for term collection	Andreas Müller	Release 5.38	cdm	additivity,terms
10320	EDIT	feature request	Closed	Highest	MakeTermRelationBase annotatable	Andreas Müller	Release 5.38	cdm	euro+med
10311	EDIT	bug	Closed	Highest	Is misspelling for and is emendation for should be asymmetric	Andreas Müller	Release 5.38	cdm	fast
10260	EDIT	feature request	Closed	Highest	Add resolve mechanism to (external) identifiers	Andreas Müller	Release 5.36	cdm	tettris,wfo
10206	EDIT	feature request	Closed	Highest	Add publish flag to description base	Andreas Müller	Release 5.38	cdm	mexico
10194	EDIT	feature request	Closed	Highest	Allow specimens as source for factual data	Andreas Müller	Release 5.35	cdm	mexico,uzbekistan
10170	EDIT	feature request	Closed	Highest	Create nom. status nom. & orth. cons.	Andreas Müller	Release 5.34	cdm	
10163	EDIT	bug	Closed	Highest	Fix label for "Orthography Conserved" and "Conserved Desig"	Andreas Müller	Release 5.33	cdm	
9901	EDIT	bug	Closed	Highest	Remove unique key Media_RightsInfo.rights_id	Andreas Müller	Release 5.32	cdm	
9830	EDIT	bug	Closed	Highest	México Distrito Federal needs accent	Andreas Müller	Release 5.32	cdm	
9780	EDIT	feature request	Closed	Highest	Split rank grex into grex (ICNCP) and grex (infraspec)	Andreas Müller	Release 5.27	cdm	cultivar
9778	EDIT	feature request	Closed	Highest	Add new rank terms lusus, subgrex and subproles	Andreas Müller	Release 5.27	cdm	

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9761	EDIT	feature request	Closed	Highest	Add cultivarGroup as field for handling cultivar groups and grex	Andreas Müller	Release 5.27	cdm	cultivar
9634	EDIT	bug	Closed	Highest	Update AgentBase and DescriptiveDataSet titleCache length where needed	Andreas Müller	Release 5.25	cdm	
9536	EDIT	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	
9507	EDIT	feature request	Closed	Highest	Add ratioTo structure to Character	Andreas Müller	Release 5.22	cdm	additivity
9434	EDIT	feature request	Closed	Highest	Add pollen, leaf and trichomes to tissue sample kind-of-unit vocabulary	Andreas Müller	Release 5.20	cdm	
9332	EDIT	feature request	Closed	Highest	Rename TypeDesignationBase.source to .designationSource	Andreas Müller	Release 5.22	cdm	
9331	EDIT	feature request	Closed	Highest	Distinguish DescriptionElementSource and NamedSource	Andreas Müller	Release 5.22	cdm	
9330	EDIT	task	Closed	Highest	Remove "NomenclaturalSource" from OriginalSourceType	Andreas Müller	Release 5.22	cdm	
9327	EDIT	feature request	Closed	Highest	Make taxon secundum reference an original source	Andreas Müller	Release 5.22	cdm	
9315	EDIT	task	Closed	Highest	Remove old single source citation and microCitation columns	Andreas Müller	Release 5.22	cdm	
9272	EDIT	feature request	Closed	Highest	Add missing nomenclatural status	Andreas Müller	Release 5.18	cdm	
9263	EDIT	bug	Closed	Highest	Unify case for type designation status	Andreas Müller	Release 5.18	cdm	
9225	EDIT	feature request	Closed	Highest	Make TaxonName.nomenclaturalSource a new DescriptionElementSource subclass	Andreas Müller	Release 5.18	cdm	
9211	EDIT	feature request	Closed	Highest	Handle source(s) for Classification	Andreas Müller	Release 5.22	cdm	
9124	EDIT	bug	Closed	Highest	Altitude feature should have [m] as measurement unit by default	Andreas Müller	Release 5.18	cdm	
9121	EDIT	feature request	Closed	Highest	Add abbreviations to Feature	Andreas Müller	Release 5.18	cdm	
9120	EDIT	task	Closed	Highest	Update script for flowering period supports temporal data	Andreas Müller	Release 5.18	cdm	
9101	EDIT	feature request	Closed	Highest	Add feature "Fruiting Period"	Andreas Müller	Release 5.16	cdm	
9094	EDIT	task	Closed	Highest	Update script to update TaxonNode.source from IdentifiableSource to DescriptionElementSource	Andreas Müller	Release 5.18	cdm	

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9062	EDIT	task	Closed	Highest	Remove StatisticalMeasurementValue.value_old	Andreas Müller	Release 5.18	cdm	
9043	EDIT	feature request	Closed	Highest	Add feature "Altitude"	Andreas Müller	CDM UML 5.15	cdm	
9037	EDIT	task	Closed	Highest	Remove old Feature.supportedXXX columns	Andreas Müller	CDM UML 5.15	cdm	
9036	EDIT	task	Closed	Highest	Remove old TaxonNode.unplaced/doubtful/excluded columns	Andreas Müller	CDM UML 5.15	cdm	
9009	EDIT	feature request	Closed	Highest	Add structure to store media metadata	Andreas Müller	CDM UML 5.15	cdm	
9005	EDIT	feature request	Closed	Highest	Make the TaxonNode flags alternatives and change excluded notes to status notes	Andreas Müller	CDM UML 5.15	cdm	
9004	EDIT	feature request	Closed	Highest	Make TaxonNode.referenceForParentChildRelation an OriginalSource and rename it to (placement)source	Andreas Müller	CDM UML 5.15	cdm	
8991	EDIT	feature request	Closed	Highest	Add feature "Flowering Period"	Andreas Müller	CDM UML 5.15	cdm	flora-of-cyprus
8964	EDIT	bug	Closed	Highest	Improve label for homonym relationships	Andreas Müller	CDM UML 5.15	cdm	
8803	EDIT	feature request	Closed	Highest	Add "per mm²" to measurement units	Andreas Müller	Release 5.12	cdm	additivity
8802	EDIT	feature request	Closed	Highest	Implement flowering period for Flora of Cyprus	Andreas Müller	CDM UML 5.15	cdm	
8468	EDIT	task	Closed	Highest	Remove old InapplicableIelf tables	Andreas Müller	Release 5.12	cdm	additivity
8466	EDIT	task	Closed	Highest	Delete FeatureTree tables	Andreas Müller	Release 5.11	cdm	
8454	EDIT	feature request	Closed	Highest	Only allow certain patterns as username and groupname	Andreas Müller	CDM UML 5.8	cdm	
8442	EDIT	feature request	Closed	Highest	Add fields to handle external terms to DefinedTermBase or TermBase	Andreas Müller	CDM UML 5.8	cdm	additivity
8441	EDIT	feature request	Closed	Highest	Add FeatureState class	Andreas Müller	CDM UML 5.8	cdm	additivity
8429	EDIT	bug	Closed	Highest	Rename DeterminationEvent_Reference.setOfReferences_id	Andreas Müller	CDM UML 5.8	cdm	
8398	EDIT	feature request	Closed	Highest	Add nomenclatural code edition to ruleConsidered	Andreas Müller	CDM UML 5.8	cdm	phycobank

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8326	EDIT	bug	Closed	Highest	update labels for is blocking name and is isonym	Andreas Müller	Release 5.18	cdm	
8286	EDIT	feature request	Closed	Highest	Add cm as unit term to CDM	Andreas Müller	Release 5.8	cdm	additivity
8281	EDIT	feature request	Closed	Highest	Doubtful flag for TaxonNode	Andreas Müller	CDM UML 5.8	cdm	euro+med
8180	EDIT	feature request	Closed	Highest	Add property term "Presence/Absence" to CDM default terms	Andreas Müller	Release 5.9	cdm	additivity
8162	EDIT	task	Closed	Highest	Move term related classes from model.common to model.term	Andreas Müller	Release 5.6	cdm	
8142	EDIT	feature request	Closed	Highest	Representations have optional "plural" as additional field	Andreas Müller	CDM UML 5.5	cdm	additivity
8120	EDIT	feature request	Closed	Highest	Add structural and property modifiers	Andreas Müller	CDM UML 5.5	cdm	additivity
8113	EDIT	bug	Closed	Highest	Update TypeDesignationStatus labels	Andreas Müller	CDM UML 5.5	cdm	
8030	EDIT	feature request	Closed	Highest	Cache updater service methods externalized and base class specific	Andreas Müller	Release 5.5	cdm	
8019	EDIT	feature request	Closed	Highest	Add "Typification Notes", "Ortography" and "Etymology" to NameFeature vocabulary	Andreas Müller	CDM UML 5.5	cdm	
8017	EDIT	feature request	Closed	Highest	TypeDesignations need sources additional to lectotypification sources	Andreas Müller	CDM UML 5.5	cdm	
8012	EDIT	feature request	Closed	Highest	Add termType for Structure and Property	Andreas Müller	CDM UML 5.5	cdm	additivity
8004	EDIT	feature request	Closed	Highest	Add sortindex to description element	Andreas Müller	CDM UML 5.5	cdm	
7957	EDIT	feature request	Closed	Highest	Add types for taxon description (as EnumSet)	Andreas Müller	CDM UML 5.8	cdm	additivity
7918	EDIT	task	Closed	Highest	Revision of reference type specific properties	Andreas Müller	Release 5.5	cdm	
7859	EDIT	bug	Closed	Highest	Increase size of CdmPreference.value	Andreas Müller	CDM UML 5.5	cdm	euro+med
7857	EDIT	bug	Closed	Highest	Update name relationship type representations and symmetrie	Andreas Müller	CDM UML 5.5	cdm	
7772	EDIT	bug	Closed	Highest	Rename TermBase_inverseRepresentation to DefinedTermBase_InverseRepresentation	Andreas Müller	CDM UML 5.5	cdm	
7683	EDIT	bug	Closed	Highest	external links Audit table should allow uuid to be null	Andreas Müller	CDM UML 5.5	cdm	

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7682	EDIT	bug	Closed	Highest	Point.precision must not be 0 by default	Andreas Müller	CDM UML 5.5	cdm	
7653	EDIT	feature request	Closed	Highest	[DISCUSS] Delete NameFacts => Result: no	Andreas Müller	CDM UML 5.5	cdm	
7640	EDIT	feature request	Closed	Highest	Update ISO country names where necessary	Andreas Müller	Release 5.27	cdm	phycobank
7514	EDIT	bug	Closed	Highest	Change direct and inverse symbol for pro parte synonym and misapplied name relationship types.	Andreas Müller	CDM UML 5.5	cdm	euro+med
7470	EDIT	feature request	Closed	Highest	Verbatim type designation information	Andreas Müller	CDM UML 5.8	cdm	
7405	EDIT	feature request	Closed	Highest	Rename WorkingSet to DescriptiveDataSet	Andreas Müller	CDM UML 5.0	cdm	
7384	EDIT	feature request	Closed	Highest	Order SpecimenTypeDesignationStatus according to new order in vocabulary	Andreas Müller	CDM UML 5.0	cdm	
7372	EDIT	feature request	Closed	Highest	Allow configuring feature/term tree	Andreas Müller	CDM UML 5.5	cdm	additivity
7334	EDIT	feature request	Closed	Highest	Make pro parte and partial synonyms real concept relationships	Andreas Müller	CDM UML 5.0	cdm	euro+med
7285	EDIT	feature request	Closed	Highest	Edaphobase import: implement ranks Cohort, Hyporder	Andreas Müller	Release 5.0	cdm	
7144	EDIT	bug	Closed	Highest	Add country as level to all areas of type Country.	Andreas Müller	CDM UML 5.0	cdm	
7099	EDIT	task	Closed	Highest	Make CdmAuthority a persistable class	Andreas Müller	CDM UML 5.8	cdm	security
7074	EDIT	bug	Closed	Highest	Use TimePeriod for Media.mediaCreated	Andreas Müller	CDM UML 5.0	cdm	
6943	EDIT	feature request	Closed	Highest	Allow zoological in-Authors in taxon names	Andreas Müller	CDM UML 5.0	cdm	zoology,edapho
6879	EDIT	task	Closed	Highest	Update uuid and name for admin user group	Andreas Müller	CDM UML 5.0	cdm	security
6752	EDIT	feature request	Closed	Highest	Add verbatimDate	Andreas Müller	CDM UML 5.0	cdm	euro+med
6720	EDIT	feature request	Closed	Highest	Make individualCount a string	Andreas Müller	CDM UML 5.0	cdm	
6717	EDIT	task	Closed	Highest	Rename taxonNameBaseTitleCacheIndex and taxonNameBaseNameCacheIndex	Andreas Müller	CDM UML 4.7	cdm	
6699	EDIT	task	Closed	Highest	Delete term version from CdmMetaData	Andreas Müller	CDM UML 5.0	cdm	



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6663	EDIT	feature request	Closed	Highest	Add required attributes to Reference to include externally managed references	Andreas Müller	CDM UML 4.7	cdm	
6661	EDIT	feature request	Closed	Highest	Add initials to Person	Andreas Müller	CDM UML 4.7	cdm	
6660	EDIT	task	Closed	Highest	Remove unique index from Rights MN tables	Andreas Müller	CDM UML 4.7	cdm	
6618	EDIT	feature request	Closed	Highest	Add link to Structure, Property, Method(?) and Type(?)	Andreas Müller	CDM UML 4.7	cdm	additivity
6617	EDIT	feature request	Closed	Highest	Add "Exact Value" to StatisticalMeasure	Andreas Müller	CDM UML 4.7	cdm	
6589	EDIT	feature request	Closed	Highest	Handle protologue as original source with URI link	Andreas Müller	Release 5.18	cdm	
6588	EDIT	feature request	Closed	Highest	Add URL and URL comment to OriginalSource / ExternalLink	Andreas Müller	CDM UML 5.0	cdm	
6581	EDIT	feature request	Closed	Highest	Make all microreferenced references OriginalSources	Andreas Müller	Release 5.18	cdm	
6535	EDIT	task	Closed	Highest	MetaDataPropertyName from number to string in DB	Andreas Müller	CDM UML 4.7	cdm	
6531	EDIT	feature request	Closed	Highest	Add WFO Name Identifier to Identifier Types	Andreas Müller	Release 4.7	cdm	
6529	EDIT	feature request	Closed	Highest	Extend WorkingSet to allow a more fine grained definiton of taxon set	Andreas Müller	CDM UML 4.7	cdm	additivity
6515	EDIT	feature request	Closed	Highest	Add Tropicos and IPNI Name Identifier	Andreas Müller	Release 4.7	cdm	
6472	EDIT	feature request	Closed	Highest	Include keys as target for IntextReferences	Andreas Müller	CDM UML 4.7	cdm	
6368	EDIT	feature request	Closed	Highest	Merge all TaxonNameBase classes, remove DTYPE, rename table	Andreas Müller	CDM UML 4.7	cdm	
6367	EDIT	feature request	Closed	Highest	Make NomenclaturalCode an attribute ("type") of TaxonNameBase	Andreas Müller	CDM UML 4.7	cdm	
6340	EDIT	bug	Closed	Highest	Update script for nomenclatural status types	Andreas Müller	CDM UML 4.7	cdm	
6210	EDIT	bug	Closed	Highest	Null values for boolean fields are causing PropertyAccessException	Andreas Müller		cdm	
5970	EDIT	feature request	Closed	Highest	Implement allowOverride in CdmPreference	Andreas Müller	CDM UML 4.1	cdm	
5952	EDIT	feature request	Closed	Highest	Second cache field for specimen (identityCache)	Andreas Müller	CDM UML 4.1	cdm	

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5921	EDIT	feature request	Closed	Highest	Change symbol for congruence relationship.	Andreas Müller	CDM UML 4.1	cdm	
5875	EDIT	feature request	Closed	Highest	Add isDefault flag to DescriptionBase	Andreas Müller	CDM UML 4.1	cdm	
5817	EDIT	feature request	Closed	Highest	Rename RelationshipTermBase_inverseRepresentation	Andreas Müller	CDM UML 4.7	cdm	
5778	EDIT	feature request	Closed	Highest	Update symbols for PresenceAbsenceTerms in existing databases	Andreas Müller	CDM UML 4.1	cdm	
5655	EDIT	feature request	Closed	Highest	[DISCUSS] Do we need further "non xxx" relations?	Andreas Müller	Release 5.25	cdm	cuba
5634	EDIT	feature request	Closed	Highest	Excluded note for excluded taxa /taxon nodes	Andreas Müller	CDM UML 4.1	cdm	
5606	EDIT	feature request	Closed	Highest	Add preferred stable URI to SpecimenOrObservation	Andreas Müller	CDM UML 4.0	cdm	
4884	EDIT	bug	Closed	Highest	Update Reference_AUD.refType to allow NULL	Andreas Müller	CDM UML 5.8	cdm	
4706	EDIT	feature request	Closed	Highest	Create IntextReference	Andreas Müller	CDM UML 3.5	cdm	
4311	EDIT	feature request	Closed	Highest	Improve person representation in CDM	Andreas Müller	Release 5.25	cdm	formatting
4028	EDIT	feature request	Closed	Highest	Distinguish Features and Characters	Andreas Müller	CDM UML 5.5	cdm	
3816	EDIT	feature request	Closed	Highest	Create "Undefined" status and choose it for NULL status	Andreas Müller	Release 5.21	cdm	euro+med
3312	EDIT	feature request	Closed	Highest	Add time period scope to DescriptionElementBase	Andreas Müller	CDM UML 3.3	cdm	
2506	EDIT	feature request	Closed	Highest	(Type-) Specimens may need status	Andreas Müller	Release 5.29	cdm	mexico_ws,eFlora
2335	EDIT	feature request	Closed	Highest	Make WorkingSet IdentifiableEntity	Andreas Müller	CDM UML 5.0	cdm	additivity
6677	EDIT	feature request	Rejected	Priority14	Add "hort." flag to Botanical names	Andreas Müller		cdm	
8876	EDIT	feature request	Rejected	Highest	nom. & gen. cons.	Andreas Müller		cdm	euro+med
5284	EDIT	bug	Duplicate	Priority12	[UML] Replace Scope by DefinedTerm in PolytomousKey UML	Andreas Müller		cdm	
2949	EDIT	feature request	Duplicate	Priority13	Simplify TaxonName classes	Andreas Müller	CDM UML 4.7	cdm	
2452	EDIT	task	Duplicate	Priority14	Media entities and Webpages	Andreas Müller		cdm	

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1580	EDIT	feature request	Duplicate	Priority14	Doubtful flag or presence attribute for specimen in collection	Andreas Müller		cdm	
8336	EDIT	task	Duplicate	New	Unignore FeatureTest	Andreas Müller		cdm	
7839	EDIT	bug	Duplicate	New	IJournal should not have author, date published etc.	Andreas Müller	CDM UML 5.5	cdm	
6467	EDIT	feature request	Duplicate	New	[DISCUSS] Abbreviated first name for person	Andreas Müller		cdm	
6435	EDIT	feature request	Duplicate	New	[DISCUSS] Comment field for "Protolog"	Andreas Müller		cdm	
3967	EDIT	task	Duplicate	New	Rethink original spelling strategy	Andreas Müller		cdm	
8128	EDIT	feature request	Duplicate	Highest	Add indicator for feature facts and/or vocabularies which description type they support	Andreas Müller		cdm	
7817	EDIT	bug	Duplicate	Highest	Team caches should not show '& al.'	Andreas Müller		cdm	euro+med,phycobank,formatting
7656	EDIT	bug	Duplicate	Highest	Adapt inverse symbol for MisappliedName relationship type	Andreas Müller		cdm	
6434	EDIT	bug	Duplicate	Highest	Add URL for TypeDesignation	Andreas Müller		cdm	
5640	EDIT	feature request	Duplicate	Highest	[DISCUSS] Do we need a general "non" name relationship	Andreas Müller	Release 5.25	cdm	
8275	EDIT	task	Worksform e	Highest	[DISCUSS] Relationship between invalid designations and invalid names / nom. inval.	Andreas Müller	Euro+Med Portal Release	cdm	euro+med
10044	EDIT	bug	Closed	New	Maps in Flore Du Gabon are broken	Andreas Müller	Release 5.32	cdm-datapor tal	
6087	EDIT	bug	Closed	New	Top level items not sorted in tree of advanced search areaFilter widget	Andreas Müller	Release 4.3	cdm-datapor tal	
10379	EDIT	bug	Closed	Highest	Error in Portal if collection code is part of the accession number	Andreas Müller	Release 5.40	cdm-datapor tal	type designation,phycobank
10356	EDIT	task	Closed	Highest	Combine Caryophyllales data portals	Andreas Müller	Release 5.40	cdm-datapor tal	caryophyllales
10346	EDIT	bug	Closed	Highest	Bugs in E+M dataportal 5.38	Andreas Müller	Release 5.39	cdm-datapor tal	euro+med
10222	EDIT	task	Closed	Highest	Use DTOs for portal taxon page - first implementation for E+M	Andreas Müller	Release 5.38	cdm-datapor tal	performance,euro+med
10127	EDIT	feature request	Closed	Highest	Add full reference information to sec. references in dataportal	Andreas Müller	Release 5.42	cdm-datapor tal	formatting
10003	EDIT	feature request	Closed	Highest	Implement specimen status in Data portal	Andreas Müller	Release 5.32	cdm-datapor tal	specimen-page,specimens-view-path,specimens-view-table ,specimens-view-tree,specimen
9948	EDIT	bug	Closed	Highest	Search result contains only 24 items and the next page starts with the 26th result	Andreas Müller	Release 5.30	cdm-datapor tal	

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
9143	EDIT	bug	Closed	Highest	Distribution data sources are missing if multiple distributions exist	Andreas Müller	Release 5.20	cdm-dataportal	euro+med
9137	EDIT	feature request	Closed	Highest	IPTC Keywords (and maybe other information) is not shown in Universal Viewer yet	Andreas Müller	Release 5.17	cdm-dataportal	image-viewer
6054	EDIT	bug	Closed	Highest	classification breadcrumb navigation broken in IE and MS Edge	Andreas Müller	Release 4.3	cdm-dataportal	
5206	EDIT	bug	Closed	Highest	Status symbols in condensed distribution string repeated for subareas	Andreas Müller	Release 5.21	cdm-dataportal	euro+med,migration
9484	EDIT	feature request	Rejected	New	Distinguish default hidden/fallback area handling from empty list of hidden/fallback area markers	Andreas Müller		cdm-dataportal	euro+med
5856	EDIT	task	Rejected	New	[DISCUSS] Consider implemeting additional name relationships	Andreas Müller		cdm-dataportal	
7157	EDIT	feature request	Rejected	Highest	interim solution to mark pro parte synonyms in the dataportal	Andreas Müller		cdm-dataportal	
10351	EDIT	feature request	Duplicate	New	Geosearch with full taxon tree result, eventually printer friendly	Andreas Müller		cdm-dataportal	euro+med
6718	EDIT	feature request	Duplicate	Highest	Constistent TypeDesignation representation creation	Andreas Müller		cdm-dataportal	type designation
9528	EDIT	task	Workforme	Priority14	synonymy: missplied names sensu with short authorship string	Andreas Müller		cdm-dataportal	euro+med
9740	EDIT	bug	Workforme	New	Adapt Motive(Motif) to Subject in data portal	Andreas Müller		cdm-dataportal	fast
10293	EDIT	bug	Workforme	Highest	Person search results does not show identifier correctly	Andreas Müller		cdm-dataportal	phycobank
10168	EDIT	bug	Closed	Priority14	Name Type designation with restricted select list	Andreas Müller		cdm-vaadin	phycobank
10167	EDIT	bug	Closed	Priority14	Selecting an existing name and adding a new journal does not work for phycobank registration	Andreas Müller	Release 5.36	cdm-vaadin	phycobank,phycobank-ready-for-submitters
7115	EDIT	task	Closed	New	Order distribution areas by vocabulary order in distribution editor	Andreas Müller	Release 4.12	cdm-vaadin	
7028	EDIT	feature request	Closed	New	make available distribution status configurable in vaadin distribution editor	Andreas Müller	Release 4.11	cdm-vaadin	
6802	EDIT	bug	Closed	New	Selection of distribution in Vaadin distribution editor does throw LIE	Andreas Müller	Release 4.11	cdm-vaadin	redlist
10461	EDIT	bug	Closed	Highest	Duplicate user name not handled correctly during registration	Andreas Müller	Release 5.42	cdm-vaadin	phycobank,phycobank-ready-for-submitters
10435	EDIT	feature request	Closed	Highest	Vaadin, add type after published registration of a scientific name	Andreas Müller	Release 5.42	cdm-vaadin	phycobank
10434	EDIT	bug	Closed	Highest	Dropdown menue for genus and higher ranks truncated	Andreas Müller	Release 5.42	cdm-vaadin	phycobank-ready-for-submitters

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10373	EDIT	bug	Closed	Highest	Submitter rights for watching respectively editing working sets	Andreas Müller	Release 5.42	cdm-vaadin	phycobank-ready-for-submitters,phycobank
10302	EDIT	task	Closed	Highest	Revise Status section	Andreas Müller	Release 5.38	cdm-vaadin	phycobank-ready-for-submitters,phycobank
10269	EDIT	bug	Closed	Highest	Selecting existing name for typification	Andreas Müller	Release 5.36	cdm-vaadin	phycobank,phycobank-ready-for-submitters
10262	EDIT	bug	Closed	Highest	Switch longitude and latitude in GeoLocationField	Andreas Müller	Release 5.36	cdm-vaadin	phycobank,phycobank-ready-for-submitters
10261	EDIT	feature request	Closed	Highest	Avoid type designation type selection dialogue	Andreas Müller	Release 5.36	cdm-vaadin	phycobank
10139	EDIT	bug	Closed	Highest	Existing name cannot be saved to be available for typification under a different reference in PhycoBank	Andreas Müller	Release 5.33	cdm-vaadin	phycobank
10116	EDIT	bug	Closed	Highest	Create a new name denied for users	Andreas Müller	Release 5.33	cdm-vaadin	phycobank-ready-for-submitters,phycobank
7251	EDIT	feature request	Closed	Highest	Enable collectorTitle in cdm-vaadin TeamOrPersonBaseCaptionGenerator	Andreas Müller	Release 5.27	cdm-vaadin	
10301	EDIT	bug	Rejected	Highest	Allow curators to edit missing name informations	Andreas Müller		cdm-vaadin	phycobank
10164	EDIT	bug	Duplicate	New	Self registration failed with AuthenticationCredentialsNotFoundException	Andreas Müller		cdm-vaadin	phycobank-ready-for-submitters
10115	EDIT	bug	Duplicate	Highest	Create new reference denied for users	Andreas Müller		cdm-vaadin	phycobank-ready-for-submitters,phycobank
6508	EDIT	bug	Workforme	Priority10	Rule: All TypeDesignations of a Registration must share the same citation and citationMicroreference	Andreas Müller	Phycobank ready for submitters	cdm-vaadin	phycobank
10306	EDIT	bug	Workforme	New	Layout: Not all functions in Vaadin available	Andreas Müller	Unassigned CDM tickets	cdm-vaadin	phycobank-ready-for-submitters
7254	EDIT	bug	Workforme	New	Filter in vaadin distribution editor throws exception	Andreas Müller		cdm-vaadin	
7823	EDIT	bug	Closed	Priority12	User Persons are not deduplicated	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med
10324	EDIT	task	Closed	Priority13	Export Caucasus data	Andreas Müller		cdmadapter	export,caucasus,euro+med
9771	EDIT	feature request	Closed	Priority13	Implement Cdm2Cdm for vocabularies	Andreas Müller	Release 5.40	cdmadapter	additivity,terms,import
7369	EDIT	task	Closed	Priority13	Handle taxonomically valueless taxa correctly	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med,pesi
10087	EDIT	feature request	Closed	Priority14	Add taxon node source to status notes in cdmLight	Andreas Müller	Release 5.32	cdmadapter	
9126	EDIT	bug	Closed	Priority14	Import Flora of Uzbekistan phenology data	Andreas Müller		cdmadapter	

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10020	EDIT	feature request	Closed	New	Add media transformation for new BGBM mediahub image server	Andreas Müller	Release 5.31	cdmadapter	
9890	EDIT	task	Closed	New	Move importDeduplicationHelper to import state	Andreas Müller	Release 5.29	cdmadapter	import,deduplication
9030	EDIT	task	Closed	New	Import flowering periods for Cyprus	Andreas Müller		cdmadapter	import
9018	EDIT	feature request	Closed	New	Import Casearia	Andreas Müller		cdmadapter	import
8996	EDIT	task	Closed	New	Import Flora of Uzbekistan taxa	Andreas Müller		cdmadapter	uzbekistan
8886	EDIT	task	Closed	New	Import Lichenes Genera	Andreas Müller		cdmadapter	lichenes
6984	EDIT	bug	Closed	New	withHeader is not yet working in DwC-A export	Andreas Müller	Release 4.13	cdmadapter	dwca,export
6207	EDIT	bug	Closed	New	Import Salvador images	Andreas Müller	Salvador imported and published	cdmadapter	salvador
10449	EDIT	feature request	Closed	Highest	Allow filtering out synonyms in list exports	Andreas Müller	Release 5.42	cdmadapter	wfo,col,cdmlight,dwca
10242	EDIT	task	Closed	Highest	Import Sileneae	Andreas Müller		cdmadapter	caryophyllales,import
10232	EDIT	task	Closed	Highest	Import Finnish common names	Andreas Müller		cdmadapter	import,euro+med,tettris
10224	EDIT	task	Closed	Highest	Import Kew Nyctaginaceae data to Caryophyllales	Andreas Müller		cdmadapter	import,caryophyllales,mexico
10183	EDIT	task	Closed	Highest	Import Buxales via Cdm2Cdm	Andreas Müller		cdmadapter	import
9889	EDIT	feature request	Closed	Highest	Implement deduplication for RIS import	Andreas Müller	Release 5.29	cdmadapter	import
9888	EDIT	feature request	Closed	Highest	Implement RIS import for book sections	Andreas Müller	Release 5.29	cdmadapter	import
9798	EDIT	feature request	Closed	Highest	Import Spanish representations for countries	Andreas Müller	Release 5.27	cdmadapter	mexico,terms
9786	EDIT	feature request	Closed	Highest	Implement tags CY and fix PY handling for RIS import	Andreas Müller	Release 5.27	cdmadapter	import
9125	EDIT	task	Closed	Highest	Import Flora of Uzbekistan taxon descriptions	Andreas Müller		cdmadapter	
9049	EDIT	bug	Closed	Highest	Import Flora of Uzbekistan taxa habitats	Andreas Müller		cdmadapter	import
9041	EDIT	task	Closed	Highest	Import Flora of Uzbekistan taxa altitudes	Andreas Müller		cdmadapter	
8891	EDIT	feature request	Closed	Highest	Add categorical and quantitative data to DwC-A	Andreas Müller	Release 5.13	cdmadapter	dwca
8853	EDIT	task	Closed	Highest	Import Aizoaceae from Kew World Checklist to Caryo spp	Andreas Müller		cdmadapter	
8612	EDIT	bug	Closed	Highest	Import E+M IPNI names	Andreas Müller	PESI 2019	cdmadapter	euro+med

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7976	EDIT	task	Closed	Highest	[PESI][ERMS] Erms taxon import	Andreas Müller	PESI 2019	cdmadapter	pesi,erms
7921	EDIT	task	Closed	Highest	Create database for Caucasus distribution editing	Andreas Müller		cdmadapter	euro+med,caucasus
7894	EDIT	feature request	Closed	Highest	[CHECK] Import sourceNumber as Identifier for references	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med
7801	EDIT	feature request	Closed	Highest	AM: Deduplicate references	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med
7800	EDIT	feature request	Closed	Highest	Parse preliminary RefDetails	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med
7440	EDIT	feature request	Closed	Highest	E+M mark common name reference with according marker	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med
7420	EDIT	task	Closed	Highest	Import for higher taxon graph for phycobank	Andreas Müller		cdmadapter	phycobank
7346	EDIT	task	Closed	Highest	[CHECK] Use separate area vocabulary for common names	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med
6965	EDIT	feature request	Closed	Highest	Tropicos Import	Andreas Müller	Release 4.12	cdmadapter	import
6880	EDIT	feature request	Closed	Highest	Allow removing auditing from imports	Andreas Müller	Release 4.10	cdmadapter	col
6754	EDIT	task	Closed	Highest	Adapt DwCA Export to CDM light export strategy	Andreas Müller	Release 4.8	cdmadapter	annoSys,export
6636	EDIT	feature request	Closed	Highest	First version of RIS reference import (e.g. for Endnote import)	Andreas Müller	Release 4.7	cdmadapter	import
6606	EDIT	task	Closed	Highest	Import Bogota specimen data	Andreas Müller		cdmadapter	
6524	EDIT	feature request	Closed	Highest	Distribution Update for Fauna Europaea	Andreas Müller	Release 4.7	cdmadapter	
6252	EDIT	task	Closed	Highest	Implement image import for salvador	Andreas Müller	Salvador imported and published	cdmadapter	salvador
5063	EDIT	bug	Closed	Highest	Fix CoL import (split in parts++)	Andreas Müller	Release 3.8	cdmadapter	col
3990	EDIT	feature request	Closed	Highest	[DISCUSS] How to implement citation suggestion to each taxon	Andreas Müller	Euro+Med Migration	cdmadapter	euro+med,migration
6247	EDIT	bug	Rejected	New	Check if concept relationships are correctly implemented in Gefäßpflanzenimport B	Andreas Müller	Redlist 2020 - Milestones for 2016	cdmadapter	redlist,import
7456	EDIT	bug	Duplicate	Priority14	E+M: NameFacts von ILDIS Daten	Andreas Müller		cdmadapter	euro+med
6525	EDIT	feature request	Duplicate	Highest	WFO Name Identifier import	Andreas Müller		cdmadapter	

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
6495	EDIT	bug	Workform e	New	Fix null titleCache for E+M import	Andreas Müller	Euro+Med Portal Release	cdmadapter	euro+med
6494	EDIT	bug	Workform e	New	Fix null titleCache for CoL import	Andreas Müller		cdmadapter	col
7445	EDIT	bug	Closed	Priority10	Empty term uri and isoXXX fields should be null	Andreas Müller	Release 5.1	cdmlib	
694	EDIT	feature request	Closed	Priority11	FeatureTreeService and DescriptionElement implemented	Andreas Müller	Release 5.29	cdmlib	service-api
922	EDIT	feature request	Closed	Priority12	Implement compareTo method in IdentifiableEntity properly	Andreas Müller	Release 4.6	cdmlib	
10358	EDIT	bug	Closed	Priority13	Remove supportsTextData for Characters	Andreas Müller	Release 5.40	cdmlib	additivity
10274	EDIT	bug	Closed	Priority13	Opening a gathering event does not work in ReferencingObjectsView	Andreas Müller	Release 5.36	cdmlib	
5176	EDIT	feature request	Closed	Priority13	TransmissionEngineDistribution can run on selected taxa	Andreas Müller	Release 5.12	cdmlib	transmission-engine-distribution,euro+med
4957	EDIT	bug	Closed	Priority13	MS SQL Server not functional as it does not allow more than 2100 parameters	Andreas Müller	Release 4.12	cdmlib	
10295	EDIT	task	Closed	Priority14	Parse verbatim year in reference	Andreas Müller	Release 5.37	cdmlib	parser,formatting
10198	EDIT	bug	Closed	Priority14	Termremoval for OrderedTermVocabularies does not work correctly due to incorrect compareTo and orderIndex decrement	Andreas Müller	Release 5.35	cdmlib	terms
10161	EDIT	feature request	Closed	Priority14	Deduplicate nom. status in publication if there are >1 entries with same status	Andreas Müller	Release 5.34	cdmlib	
10096	EDIT	feature request	Closed	Priority14	Add new TaxonNode status and make notes field more general	Andreas Müller	Release 5.32	cdmlib	
10090	EDIT	bug	Closed	Priority14	Many LIEs in cdmsserver log for Team.getCollectorTitleCache()	Andreas Müller	Release 5.32	cdmlib	
10089	EDIT	bug	Closed	Priority14	Order TypeDesignationSetContainer by status type	Andreas Müller	Release 5.32	cdmlib	formatting,cdmlight
10082	EDIT	feature request	Closed	Priority14	Improve formatting for pro parte misapplications	Andreas Müller	Release 5.32	cdmlib	formatting,euro+med
10072	EDIT	task	Closed	Priority14	Upgrade fully to log4j2	Andreas Müller	Release 5.32	cdmlib	
10067	EDIT	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	
9999	EDIT	task	Closed	Priority14	Improve formatting for referencing objects of descriptive data	Andreas Müller	Release 5.31	cdmlib	formatting,mexico



#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
9705	EDIT	bug	Closed	Priority14	Nomenclatural references with no title and microreference are not correctly formatted	Andreas Müller	Release 5.25	cdmlib	formatting
9640	EDIT	feature request	Closed	Priority14	Updated List ICN/ICBN editions	Andreas Müller	Release 5.38	cdmlib	phycobank
9322	EDIT	bug	Closed	Priority14	Remove invalid designation taxon relationship	Andreas Müller	Release 5.18	cdmlib	
9123	EDIT	task	Closed	Priority14	Fix BigDecimal algebra in aggregation algorithms	Andreas Müller	Release 5.27	cdmlib	additivity,aggregation
8713	EDIT	feature request	Closed	Priority14	Improve structured descriptive data aggregation	Andreas Müller	Release 5.12	cdmlib	additivity
8446	EDIT	bug	Closed	Priority14	Allow setPublish for subtree to filter for hybrids	Andreas Müller	Release 5.9	cdmlib	euro+med
8062	EDIT	feature request	Closed	Priority14	Make default preferences deletable serverside	Andreas Müller	Release 5.8	cdmlib	preferences
7340	EDIT	bug	Closed	Priority14	OderedVocabularies are initialised with DefinedTerms	Andreas Müller	Release 5.1	cdmlib	
7308	EDIT	feature request	Closed	Priority14	Add nomen oblitum to zoological taxon name status	Andreas Müller	Release 5.0	cdmlib	edapho
6714	EDIT	task	Closed	Priority14	Create 001-cdm.h2.sql automatically	Andreas Müller	Release 5.25	cdmlib	
5794	EDIT	feature request	Closed	Priority14	Move other invalid names to the end	Andreas Müller	Release 5.18	cdmlib	
5779	EDIT	feature request	Closed	Priority14	Update EuroPlusMedCondensedDistributionComposer to use new symbol field	Andreas Müller	Release 5.21	cdmlib	euro+med
5575	EDIT	feature request	Closed	Priority14	DNA Sample requires CacheStrategy	Andreas Müller	Release 5.23	cdmlib	
5556	EDIT	bug	Closed	Priority14	Class Cast Exception in DefinedTermDaoImpl.getPartOf	Andreas Müller	Release 5.36	cdmlib	mexico,terms
4965	EDIT	bug	Closed	Priority14	unsupported method getDatabase() in WrappedCdmDataSource breaks forceSchemaUpdate	Andreas Müller	CDM UML 4.1	cdmlib	
3722	EDIT	task	Closed	Priority14	Using @OrderColumn does not work in trees	Andreas Müller	Release 5.32	cdmlib	
2200	EDIT	feature request	Closed	Priority14	Handle multiple authors for names correctly when caching	Andreas Müller	cdmlib RELEASE 3.1.3	cdmlib	
10420	EDIT	feature request	Closed	New	Order exact values in QuantitativeDataFormatter	Andreas Müller	Release 5.41	cdmlib	formatting,additivity

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
10299	EDIT	bug	Closed	New	Verbatim year parsing and formatting for nomencl. references	Andreas Müller	Release 5.38	cdmlib	parser,formatting
10245	EDIT	feature request	Closed	New	#9626 Implement publisher information for bibliographic reference formatting	Andreas Müller	Release 5.36	cdmlib	formatting
10241	EDIT	feature request	Closed	New	Handle modifiers and modifying text for quantitative data and description elements formatting	Andreas Müller	Release 5.38	cdmlib	formatting,mexico
10165	EDIT	bug	Closed	New	email and person data are not stored when creating a new account	Andreas Müller	Release 5.33	cdmlib	phycobank-ready-for-submitters,phycobank
9858	EDIT	feature request	Closed	New	Add update result to aggregation algorithms	Andreas Müller	Release 5.29	cdmlib	aggregation,matrix
9849	EDIT	task	Closed	New	Remove trailing full stops from specimen titleCaches	Andreas Müller	Release 5.29	cdmlib	formatting
9833	EDIT	task	Closed	New	Remove cascading from descriptive dataset	Andreas Müller	Release 5.28	cdmlib	
9831	EDIT	bug	Closed	New	Exception in TermRepresentationUpdater if term does not exist	Andreas Müller	Release 5.28	cdmlib	
9814	EDIT	bug	Closed	New	Advanced search webservice for area throws NPE (mexico portal)	Andreas Müller	Release 5.28	cdmlib	mexico
9729	EDIT	bug	Closed	New	Incomplete bean property Team.nomenclaturalTitleCache	Andreas Müller	Release 5.27	cdmlib	
9675	EDIT	bug	Closed	New	Person initials should never be empty	Andreas Müller	Release 5.25	cdmlib	
9665	EDIT	bug	Closed	New	Filter out property change event for created and updated and cacheStrategy	Andreas Müller	Release 5.25	cdmlib	
9649	EDIT	bug	Closed	New	Specimens sometimes have empty titleCache instead of class<UUID>	Andreas Müller	Release 5.25	cdmlib	formatting,fast
9639	EDIT	feature request	Closed	New	Replace fullAbbreviatedTitleCache by nomenclaturalTitleCache for references	Andreas Müller	Release 5.24	cdmlib	formatting
9638	EDIT	bug	Closed	New	remove trailing full stops from reference titleCaches	Andreas Müller	Release 5.24	cdmlib	formatting
9623	EDIT	task	Closed	New	Remove TaxonBaseShortSecCacheStrategy	Andreas Müller	Release 5.23	cdmlib	formatting
9613	EDIT	feature request	Closed	New	Use fixed uuids for roles project manager, publish and user manager	Andreas Müller	Release 5.23	cdmlib	permission
9604	EDIT	task	Closed	New	Split bibliographic reference cache strategy and nomenclatural formatter + original source formatter	Andreas Müller	Release 5.23	cdmlib	formatting
9598	EDIT	bug	Closed	New	Deduplicate NamedAreas with >1 representations and include label in search	Andreas Müller	Release 5.23	cdmlib	

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
9578	EDIT	bug	Closed	New	Multiselect for input of distribution editor creates duplicates	Andreas Müller	Release 5.22	cdmlib	
9567	EDIT	task	Closed	New	Unify HomotypicGroupTaxonComparator and HomotypicGroupNameComparator	Andreas Müller	Release 5.22	cdmlib	
9566	EDIT	bug	Closed	New	Handle nomenclatural standing correctly in cdmlight / sorting algorithms	Andreas Müller	Release 5.22	cdmlib	
9558	EDIT	task	Closed	New	General tests for cdmlight export	Andreas Müller	Release 5.22	cdmlib	cdmlight,export
9530	EDIT	feature request	Closed	New	Add pages to bibliographic book sections	Andreas Müller	Release 5.23	cdmlib	formatting
9441	EDIT	bug	Closed	New	Move names with invalid designation name relationships to the end in taxon comparator	Andreas Müller	Release 5.22	cdmlib	
9366	EDIT	bug	Closed	New	Specimen type designation with specimen having only collection name but not collection code does not show collection information	Andreas Müller	Release 5.19	cdmlib	
9204	EDIT	feature request	Closed	New	Update cdmlib and taxeditor dependencies	Andreas Müller	Release 5.18	cdmlib	
9194	EDIT	feature request	Closed	New	Make RelationshipBase and NomenclaturalStatus reference OriginalSource	Andreas Müller	Release 5.18	cdmlib	
9147	EDIT	bug	Closed	New	Use StringBuilder in CdmUtils.concat() to avoid performance penalties	Andreas Müller	Release 5.17	cdmlib	
9129	EDIT	task	Closed	New	cdm property to store a default copyright statement for media items	Andreas Müller	Release 5.17	cdmlib	
9081	EDIT	bug	Closed	New	Handle empty Partial correctly	Andreas Müller	Release 5.15	cdmlib	
9071	EDIT	feature request	Closed	New	Implement formatter for TimePeriod, VerbatimTimePeriod and ExtendedTimePeriod	Andreas Müller	Release 5.16	cdmlib	
8780	EDIT	bug	Closed	New	Repair sortindex does not work on TermTree index	Andreas Müller	Release 5.12	cdmlib	additivity
8679	EDIT	task	Closed	New	Further unify description aggregation methods	Andreas Müller	Release 5.12	cdmlib	euro+med,additivity,transmission-engine-distribution
8426	EDIT	bug	Closed	New	IndexOutOfBounds Exception during serialization of RegistrationWorkingSet	Andreas Müller	Release 5.9	cdmlib	phycobank
8404	EDIT	feature request	Closed	New	Add update step list within updaters	Andreas Müller	CDM UML 5.8	cdmlib	
7901	EDIT	feature request	Closed	New	Make PreferencePredicates an interface to allow multiple implementations (e.g. for client apps, for grouping, for data type specific instances, etc.)	Andreas Müller	Release 5.5	cdmlib	
7757	EDIT	task	Closed	New	Replace deprecated hibernate @Index annotation	Andreas Müller	Release 5.3	cdmlib	

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7486	EDIT	bug	Closed	New	Fulltext taxon and name search not correct for Synonym based queries	Andreas Müller	Release 5.1	cdmlib	
7305	EDIT	feature request	Closed	New	[Dicuss] searching for authorteam with more than three members is incomplete	Andreas Müller	Release 5.23	cdmlib	search,formatting
7201	EDIT	task	Closed	New	[DISCUSS] Should we remove created comparison from CdmBase.equals?	Andreas Müller	Release 4.13	cdmlib	
7166	EDIT	feature request	Closed	New	Implement area filter for TaxonNodeFilter	Andreas Müller	Release 4.13	cdmlib	
7165	EDIT	feature request	Closed	New	Extend TaxonNodeFilter with rank filtering	Andreas Müller	Release 4.13	cdmlib	additivity,export
7094	EDIT	bug	Closed	New	Remove empty spaces in nomencl. title of persons	Andreas Müller	Release 4.12	cdmlib	
6957	EDIT	feature request	Closed	New	Implement cache strategy for viral names	Andreas Müller	Release 4.10	cdmlib	formatting
6790	EDIT	bug	Closed	New	IO class hierarchie creates problems in IDE	Andreas Müller	Release 4.9	cdmlib	
6725	EDIT	bug	Closed	New	Bug in DU facade for setting / retrieving kind of unit	Andreas Müller	Release 4.8	cdmlib	
6623	EDIT	bug	Closed	New	formatter for bibliografic citations with citationDetail	Andreas Müller	Release 5.18	cdmlib	formatting
6460	EDIT	feature request	Closed	New	Refactor referencing objects in a way that supplemental data know what object they belong to	Andreas Müller	Release 5.36	cdmlib	
6439	EDIT	bug	Closed	New	Add (Heft xxx) as part of volume to name parser	Andreas Müller	Release 4.6	cdmlib	parser
6366	EDIT	task	Closed	New	Merge cultivar names into TaxonNameBase	Andreas Müller	Release 4.6	cdmlib	validation
6365	EDIT	bug	Closed	New	Merge botanical and zoological names into TaxonNameBase	Andreas Müller	Release 4.6	cdmlib	validation
6364	EDIT	task	Closed	New	Merge viral names and bacterial names into TaxonNameBase	Andreas Müller	Release 4.6	cdmlib	validation
6362	EDIT	task	Closed	New	Remove occurrence of NonViralName in code	Andreas Müller	Release 4.6	cdmlib	
6360	EDIT	task	Closed	New	Move NonViralName functionality to TaxonNameBase	Andreas Müller	Release 4.6	cdmlib	
6106	EDIT	bug	Closed	New	[Discuss] Handle rights and roles for CdmPreferences	Andreas Müller	Release 5.28	cdmlib	security,preferences
6057	EDIT	bug	Closed	New	Name parser fails parsing author names with ` U+0060 GRAVE ACCENT	Andreas Müller	Release 4.3	cdmlib	

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version	Category	Tags
5945	EDIT	bug	Closed	New	Deduplicate results from termloading by class	Andreas Müller	Release 4.2	cdmlib	
5581	EDIT	bug	Closed	New	Specimen title cache does not show up correctly after editing	Andreas Müller	Release 3.12 - Hotfixes	cdmlib	mexico_ws
5573	EDIT	feature request	Closed	New	Cache Strategy for Media Specimen required	Andreas Müller	Release 5.23	cdmlib	mexico_ws
4716	EDIT	feature request	Closed	New	Other dependencies to be updated	Andreas Müller	Release 4.0	cdmlib	
2625	EDIT	feature request	Closed	New	[E+M Overview] Data aggregation functionalities for E+M (TransmissionEngine)	Andreas Müller	Euro+Med Portal Release	cdmlib	euro+med,migration,transmission-engine-distribution
825	EDIT	bug	Closed	New	DefinedTermDaoImpl - misleading method names	Andreas Müller	Release 5.27	cdmlib	fast
10419	EDIT	bug	Closed	Highest	Collector title not handled correctly if collector titleCache is protected	Andreas Müller	Release 5.41	cdmlib	formatting
10367	EDIT	feature request	Closed	Highest	Add citationMicroReference to description of sources in ReferencingObjectsView	Andreas Müller	Release 5.40	cdmlib	
10327	EDIT	feature request	Closed	Highest	IUCN condensed distribution configuration	Andreas Müller	Release 5.38	cdmlib	euro+med
10175	EDIT	bug	Closed	Highest	IllegalStateException when more than 10 exceptions in UpdateResult	Andreas Müller	Release 5.34	cdmlib	
10141	EDIT	bug	Closed	Highest	Exception (CCE) caused by logging setLevel in phycobank	Andreas Müller	Release 5.33	cdmlib	phycobank
10114	EDIT	bug	Closed	Highest	Problem with parser for author string with whitespace between initials	Andreas Müller	Release 5.33	cdmlib	
10075	EDIT	bug	Closed	Highest	Fix deserialization exception for bytebuddy base hibernate SerializableProxy	Andreas Müller	Release 5.32	cdmlib	
9963	EDIT	bug	Closed	Highest	IndexOutOfBoundsException when moving a taxonnode or move an accepted taxon into synonymy	Andreas Müller	Release 5.30	cdmlib	
9914	EDIT	bug	Closed	Highest	Series part in nomenclatural sources should have a space prefix if it starts with a letter	Andreas Müller	Release 5.29	cdmlib	formatting
9905	EDIT	bug	Closed	Highest	Parser is slow for names with authorteams	Andreas Müller	Release 5.30	cdmlib	parser,deduplication,euro+med
9855	EDIT	bug	Closed	Highest	Specimen images sometimes show duplicates	Andreas Müller	Release 5.29	cdmlib	image-viewer,specimen
9795	EDIT	feature request	Closed	Highest	Add literature descriptions to matrix aggregation	Andreas Müller	Release 5.27	cdmlib	additivity

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9790	EDIT	bug	Closed	Highest	Remove source mode "highest Status" from DDS Aggregation	Andreas Müller	Release 5.27	cdmlib	additivity
9759	EDIT	bug	Closed	Highest	Person deduplication does not work due to new collectorTitleCache field	Andreas Müller	Release 5.27	cdmlib	
9757	EDIT	feature request	Closed	Highest	Make cultivars, cultivar groups and grexes parsable	Andreas Müller	Release 5.27	cdmlib	cultivar
9754	EDIT	feature request	Closed	Highest	Adapt cache strategy to support cultivar names	Andreas Müller	Release 5.27	cdmlib	cultivar,mexico
9738	EDIT	bug	Closed	Highest	NomenclaturalSourceFormatter throws OutOfMemory with only protected titleCache	Andreas Müller	Release 5.27	cdmlib	
9702	EDIT	bug	Closed	Highest	TypeDesignationSetManager repeats specimen string for specimens without field unit	Andreas Müller	Release 5.25	cdmlib	formatting,type designation
9695	EDIT	feature request	Closed	Highest	Implement a preference for supportsConcepts	Andreas Müller	Release 5.25	cdmlib	taxonID
9683	EDIT	bug	Closed	Highest	Auto-initialize root bean	Andreas Müller	Release 5.25	cdmlib	
9678	EDIT	task	Closed	Highest	Remove Derived- and FieldUnitFacadeCacheStrategies	Andreas Müller	Release 5.25	cdmlib	
9657	EDIT	bug	Closed	Highest	OccurrenceServiceImpl.listRootUnitDTOsByAssociatedTaxon fails with HibernateException: More than one row with the given identifier was found: 51	Andreas Müller	Release 5.25	cdmlib	
9642	EDIT	bug	Closed	Highest	hibernate.QueryException in OccurrenceDaoHibernateImpl.countMedia()	Andreas Müller	Release 5.24	cdmlib	
9624	EDIT	task	Closed	Highest	Centralize team formatting and fix et al. position handling	Andreas Müller	Release 5.23	cdmlib	formatting
9612	EDIT	bug	Closed	Highest	ROLE_USER_MANAGER is missing as a group in FirstDataImporter	Andreas Müller	Release 5.23	cdmlib	permission
9601	EDIT	bug	Closed	Highest	Set secundum for subTree does not work for misapplied names	Andreas Müller	Release 5.23	cdmlib	
9597	EDIT	feature request	Closed	Highest	Improve formatting of MediaSpecimen in TypeDesignationWorkingSet formatting	Andreas Müller	Release 5.23	cdmlib	formatting,type designation
9583	EDIT	bug	Closed	Highest	Fix formatting of parent area in condensed distributions string if subareas have various status but at least 1 area has status native	Andreas Müller	Release 5.23	cdmlib	euro+med
9571	EDIT	feature request	Closed	Highest	Improve sec-formatting for taxa with webpage secundum	Andreas Müller	Release 5.22	cdmlib	formatting
9570	EDIT	feature request	Closed	Highest	Use tagged text for NameTypeDesignations name part	Andreas Müller	Release 5.22	cdmlib	formatting

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9561	EDIT	feature request	Closed	Highest	In name and taxon search if titleCache is protected the search should run on titleCache also	Andreas Müller	Release 5.22	cdmlib	search
9550	EDIT	bug	Closed	Highest	Recognize PhytoKeys and PLoS ONE in name parser	Andreas Müller	Release 5.22	cdmlib	parser
9529	EDIT	bug	Closed	Highest	Correct formatting for bibliographic in-reference separation	Andreas Müller	Release 5.22	cdmlib	euro+med,formatting
9526	EDIT	bug	Closed	Highest	Sort order in E+M distribution string should be strictly alphabetic	Andreas Müller	Release 5.22	cdmlib	euro+med
9521	EDIT	feature request	Closed	Highest	Fallback areas in textual representation should always stand alone	Andreas Müller	Release 5.21	cdmlib	euro+med
9477	EDIT	bug	Closed	Highest	New ordered terms do not have correct order index	Andreas Müller	Release 5.27	cdmlib	
9457	EDIT	bug	Closed	Highest	Distribution editor: Taxon filter broken due to invalid HQL in TaxonNodeServiceImpl.getUuidAndTitleCache()	Andreas Müller	Release 5.20	cdmlib	
9451	EDIT	task	Closed	Highest	Cache strategy for classifications is missing	Andreas Müller	Release 5.21	cdmlib	
9433	EDIT	feature request	Closed	Highest	Improve titleCache generation for misapplications	Andreas Müller	Release 5.23	cdmlib	formatting
9429	EDIT	bug	Closed	Highest	Taxon cache strategy handles sec details 2x in some cases	Andreas Müller	Release 5.20	cdmlib	formatting
9384	EDIT	bug	Closed	Highest	DefaultReferenceCacheStrategy.createShortCitation() working not correctly for Teams with two members	Andreas Müller	Release 5.19	cdmlib	phycobank
9359	EDIT	task	Closed	Highest	Update cdmlib, taxeditor, cdmsserver etc. dependencies	Andreas Müller	Release 5.35	cdmlib	
9312	EDIT	bug	Closed	Highest	NullPointerException (NPE) in TaxonNamePopupEditor	Andreas Müller		cdmlib	phycobank
9280	EDIT	task	Closed	Highest	Refactor: IKeyTerm.getMessage() --> IKeyTerm.getLabel()	Andreas Müller	Release 5.18	cdmlib	
9279	EDIT	feature request	Closed	Highest	Improve type designation formatting and TypeDesignationSetManager	Andreas Müller	Release 5.18	cdmlib	formatting,type designation
9237	EDIT	bug	Closed	Highest	FeatureTree SortIndex updater creates wrong sortindex	Andreas Müller	Release 5.25	cdmlib	
9206	EDIT	task	Closed	Highest	Solve cglib vs. cglib-nodep	Andreas Müller	Release 5.18	cdmlib	
9085	EDIT	feature request	Closed	Highest	Improve deduplication of parsed names	Andreas Müller	Release 5.16	cdmlib	parser,deduplication

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9078	EDIT	feature request	Closed	Highest	Handle name parsing and deduplication on server side	Andreas Müller	Release 5.16	cdmlib	
9058	EDIT	bug	Closed	Highest	Hibernate loggs error when creating schema on MySQL due to failing index creation	Andreas Müller	Release 5.15	cdmlib	
9047	EDIT	bug	Closed	Highest	Search does not return orphaned synonyms	Andreas Müller	Release 5.15	cdmlib	
9000	EDIT	bug	Closed	Highest	UriUtils: HttpClient has ssl error connecting to pictures.bgbm.org	Andreas Müller	Release 5.17	cdmlib	
8881	EDIT	bug	Closed	Highest	Use pure last names (without initials) for in-references of taxon names	Andreas Müller	Release 5.13	cdmlib	euro+med,formatting
8858	EDIT	bug	Closed	Highest	Ordering of distribution status 'undefined' is not correct in E+M	Andreas Müller	Release 5.21	cdmlib	euro+med
8829	EDIT	bug	Closed	Highest	NullPointerException (NPE) in TaxonNodeService	Andreas Müller	Release 5.13	cdmlib	
8670	EDIT	bug	Closed	Highest	Unwanted distribution aggregation/display on 2 levels	Andreas Müller	Release 5.12	cdmlib	transmission-engine-distribution,euro+med
8651	EDIT	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
8482	EDIT	bug	Closed	Highest	java.lang.IllegalArgumentException: Collection is empty in DescriptionType.includesType(DescriptionType.java:151)	Andreas Müller	Release 5.9	cdmlib	
8472	EDIT	feature request	Closed	Highest	Transmission engine for distribution aggregation needs to be adapted to new DescriptionBase.types	Andreas Müller	Release 5.12	cdmlib	euro+med,transmission-engine-distribution
8467	EDIT	feature request	Closed	Highest	Save a "snapshot" of the SpecimenDescriptions used for aggregation	Andreas Müller	Release 5.12	cdmlib	additivity,aggregation
8422	EDIT	bug	Closed	Highest	Make PolytomousKeyGenerator work (correctly)	Andreas Müller	Release 5.9	cdmlib	additivity
8343	EDIT	bug	Closed	Highest	potential timezone problem in application stack	Andreas Müller	Release 5.32	cdmlib	phycobank
8312	EDIT	bug	Closed	Highest	Test, fix, improve and run Transmission engine for E+M	Andreas Müller	Euro+Med Portal Release	cdmlib	euro+med
8297	EDIT	bug	Closed	Highest	Fix condensed distribution string for E+M	Andreas Müller	Release 5.21	cdmlib	euro+med
8253	EDIT	feature request	Closed	Highest	Authors for genus autonyms	Andreas Müller	Release 5.11	cdmlib	euro+med,formatting
7980	EDIT	feature request	Closed	Highest	Enhance matrix description aggregation	Andreas Müller	Release 5.27	cdmlib	additivity,aggregation



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7904	EDIT	bug	Closed	Highest	DerivedUnitFacadeFieldUnitCacheStrategy.getCollectorAndFieldNumber() creates temporary Team objects which can not be garbage collected.	Andreas Müller	Release 5.25	cdmlib	
7902	EDIT	feature request	Closed	Highest	Allow default values for PreferencePredicates	Andreas Müller	Release 5.8	cdmlib	preferences
7896	EDIT	bug	Closed	Highest	NPE, NullPointerException in RelationshipTermBase	Andreas Müller	Release 5.6	cdmlib	
7874	EDIT	bug	Closed	Highest	TeamOrPersonBase entity can become unusable due to replacement of the title caches on using getters	Andreas Müller	Release 5.5	cdmlib	phycobank,permission
7829	EDIT	bug	Closed	Highest	Improve deduplication of parsed names and references	Andreas Müller	Release 5.8	cdmlib	euro+med
7764	EDIT	bug	Closed	Highest	Fix classification and synonym bug in taxon name freetext search	Andreas Müller	Release 5.3	cdmlib	caryophyllales,euro+med
7687	EDIT	bug	Closed	Highest	NPE in TypeDesignationSetManager	Andreas Müller	Release 5.3	cdmlib	phycobank
7646	EDIT	feature request	Closed	Highest	Implement parser and formatter for "hort."	Andreas Müller	Release 5.27	cdmlib	parser,formatting,mexico
7450	EDIT	feature request	Closed	Highest	Allow setPublish for subtree to include misapplied names and pro parte synonyms	Andreas Müller	Release 5.9	cdmlib	euro+med
7443	EDIT	feature request	Closed	Highest	Implement in-authors in name parser and formatter for zoological and fungi names	Andreas Müller	Release 5.42	cdmlib	zoology,parser,formatting
7429	EDIT	feature request	Closed	Highest	Improve parsing and formatting for VerbatimTimePeriod	Andreas Müller	Release 5.2	cdmlib	euro+med
7392	EDIT	bug	Closed	Highest	Remove Cascade from relations	Andreas Müller	Release 5.0	cdmlib	
7155	EDIT	bug	Closed	Highest	VersionableEntity.equals() should take updated timestamp into account	Andreas Müller		cdmlib	phycobank
7080	EDIT	bug	Closed	Highest	Fix matching for empty time periods	Andreas Müller	Release 4.12	cdmlib	deduplication
6865	EDIT	feature request	Closed	Highest	[DISCUSS] Separator for Code and Accession Number	Andreas Müller	Release 5.29	cdmlib	salvador,campanula,specimen,formatting
6851	EDIT	bug	Closed	Highest	Use country label instead of description in specimen cache strategy	Andreas Müller	Release 4.10	cdmlib	
6825	EDIT	bug	Closed	Highest	Specimen map shows point data only if ALL field units are georeferenced	Andreas Müller	Release 4.9	cdmlib	
6682	EDIT	feature request	Closed	Highest	Formatter and DTO for taxon relationships (e.g. misapplied names)	Andreas Müller	Release 5.2	cdmlib	euro+med

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6671	EDIT	task	Closed	Highest	Remove generics from TaxonName	Andreas Müller	CDM UML 4.7	cdmlib	
6662	EDIT	feature request	Closed	Highest	Adapt person formatting, set initials behind lastname	Andreas Müller	Release 4.8	cdmlib	formatting
6656	EDIT	feature request	Closed	Highest	Make autonym hybrids parsable	Andreas Müller	Release 4.8	cdmlib	
6630	EDIT	task	Closed	Highest	Unify TaxonName cache strategies	Andreas Müller	Release 4.10	cdmlib	
6629	EDIT	bug	Closed	Highest	TransmissionEngineDistribution misses aggregating Uzbekistan (UZB-OO) to higher rank levels	Andreas Müller	Release 5.12	cdmlib	transmission-engine-distribution,cichorieae,euro+med
6577	EDIT	feature request	Closed	Highest	Make sp. nov. parsable	Andreas Müller	Release 4.7	cdmlib	parser
6576	EDIT	feature request	Closed	Highest	Implement operation that guesses all basionyms for a synonymy	Andreas Müller	Release 4.7	cdmlib	
6504	EDIT	feature request	Closed	Highest	Bibliographic references should not start with firstname.	Andreas Müller	Release 4.8	cdmlib	formatting
6496	EDIT	bug	Closed	Highest	Pages not shown in bibliographic reference of articles	Andreas Müller	Release 4.6	cdmlib	
6459	EDIT	bug	Closed	Highest	Implement deduplication for IntextReferences	Andreas Müller	Release 4.6	cdmlib	
6409	EDIT	bug	Closed	Highest	Fix failing Level3 validation in ValidationTest introduced by removing TaxonNameBase subclasses	Andreas Müller	Validation Framework 1.0	cdmlib	validation
6387	EDIT	feature request	Closed	Highest	[Rule] Rank rule for CultivarPlantNames	Andreas Müller	Release 5.27	cdmlib	validation,cultivar
6381	EDIT	bug	Closed	Highest	Specimen titleCache should include barcode or catalogue number if accession number not exists	Andreas Müller	Release 4.6	cdmlib	
6369	EDIT	feature request	Closed	Highest	Create interfaces for TaxonName types	Andreas Müller	Release 4.6	cdmlib	
6363	EDIT	feature request	Closed	Highest	Implement validation rules for all names according to their code	Andreas Müller	Release 4.6	cdmlib	validation
6359	EDIT	bug	Closed	Highest	Remaining issues secundum for subtrees	Andreas Müller	Release 5.23	cdmlib	
6276	EDIT	bug	Closed	Highest	Nomenclatural references show parsed date string instead of publication year	Andreas Müller	Release 5.16	cdmlib	phycobank,euro+med
6120	EDIT	bug	Closed	Highest	Cleanup uuidAndTitleCache methods	Andreas Müller	Release 4.4	cdmlib	
6060	EDIT	bug	Closed	Highest	Name parser fails parsing author names with - U+002D HYPHEN-MINUS	Andreas Müller	Release 4.3	cdmlib	

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6030	EDIT	bug	Closed	Highest	Name parser support for genus hybrids	Andreas Müller	Release 4.3	cdmlib	
5983	EDIT	feature request	Closed	Highest	Better parsing of hybrid names	Andreas Müller	Release 4.6	cdmlib	hybrid-taxa
5834	EDIT	bug	Closed	Highest	Show volume etc. for generic references	Andreas Müller	Release 4.6	cdmlib	
5833	EDIT	feature request	Closed	Highest	Implement single cache strategy for references	Andreas Müller	Release 4.1	cdmlib	

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