

## EDIT - bug #8063

### multiple representations problem wirth collector being author of the registration citation

02/05/2019 11:56 AM - Andreas Kohlbecker

|                        |                    |                          |           |
|------------------------|--------------------|--------------------------|-----------|
| <b>Status:</b>         | Closed             | <b>Start date:</b>       |           |
| <b>Priority:</b>       | Highest            | <b>Due date:</b>         |           |
| <b>Assignee:</b>       | Andreas Kohlbecker | <b>% Done:</b>           | 100%      |
| <b>Category:</b>       | cdm-vaadin         | <b>Estimated time:</b>   | 0:00 hour |
| <b>Target version:</b> | Release 5.5        | <b>Found in Version:</b> |           |
| <b>Severity:</b>       | normal             |                          |           |

#### Description

This happened while entering the data for <http://phycobank.org/100007> from scratch

1. created reference: Jahn, R, Abarca, N, Gemeinholzer, B & al., *Planothidium lanceolatum* and *Planothidium frequentissimum* reinvestigated wieht molecular methods and morphology: four new species and the taxonomic importance of the sinus and cavum in *Diatom Research* 32: 75-107. 2017 ( *O.Skibbe* is in the author team but not mentioned in the titleCache
2. created *Planothidium victori* Novis, Braidwood & Kilroy
3. created registration for existing name "*Planothidium victori* Novis, Braidwood & Kilroy"
4. Adding specimen type with *O. Skbbe* as collector
5. save specimen type editor --> Exception

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eu.etaxonomy.vaadin.mvp.PopupEditorException: Error saving popup editor - context [user=admin] :E
dit registration (TypedEntityReference: Registration#1b997b3c-a704-480c-bab5-e5873927d325) > Speci
menTypeDesignationWorkingSetDTO (SpecimenTypeDesignationWorkingSetDTO: eu.etaxonomy.cdm.vaadin.mod
el.registration.SpecimenTypeDesignationWorkingSetDTO@43b70829)
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor.save (AbstractPopupEditor.java:448)
    at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor.lambda$0 (AbstractPopupEditor.java:174)
    at sun.reflect.GeneratedMethodAccessor110.invoke (Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at com.vaadin.event.ListenerMethod.receiveEvent (ListenerMethod.java:510)
    at com.vaadin.event.EventRouter.fireEvent (EventRouter.java:200)
    at com.vaadin.event.EventRouter.fireEvent (EventRouter.java:163)
    at com.vaadin.server.AbstractClientConnector.fireEvent (AbstractClientConnector.java:1015)
    at com.vaadin.ui.Button.fireClick (Button.java:377)
    at com.vaadin.ui.Button$1.click (Button.java:54)
    at sun.reflect.GeneratedMethodAccessor109.invoke (Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke (Method.java:498)
    at com.vaadin.server.ServerRpcManager.applyInvocation (ServerRpcManager.java:158)
    at com.vaadin.server.ServerRpcManager.applyInvocation (ServerRpcManager.java:119)
    at com.vaadin.server.communication.ServerRpcHandler.handleInvocation (ServerRpcHandler.java:437
)
    at com.vaadin.server.communication.ServerRpcHandler.handleInvocations (ServerRpcHandler.java:40
2)
    at com.vaadin.server.communication.ServerRpcHandler.handleRpc (ServerRpcHandler.java:273)
    at com.vaadin.server.communication.UidlRequestHandler.synchronizedHandleRequest (UidlRequestHan
dler.java:90)
    at com.vaadin.server.SynchronizedRequestHandler.handleRequest (SynchronizedRequestHandler.java:
41)
    at com.vaadin.server.VaadinService.handleRequest (VaadinService.java:1435)
    at com.vaadin.server.VaadinServlet.service (VaadinServlet.java:380)
    at javax.servlet.http.HttpServlet.service (HttpServlet.java:790)
    at org.eclipse.jetty.servlet.ServletHolder.handle (ServletHolder.java:841)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1634)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:316)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke (FilterSe
curityInterceptor.java:126)
    at org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter (Filter
SecurityInterceptor.java:90)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
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oxy.java:330)
    at org.springframework.security.web.access.ExceptionTranslationFilter.doFilter (ExceptionTransl
ationFilter.java:114)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.session.SessionManagementFilter.doFilter (SessionManagement
Filter.java:122)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.authentication.AnonymousAuthenticationFilter.doFilter (Anon
ymousAuthenticationFilter.java:111)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter
r (SecurityContextHolderAwareRequestFilter.java:169)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter (RequestCache
AwareFilter.java:48)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInter
nal (BasicAuthenticationFilter.java:158)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.oauth2.provider.authentication.OAuth2AuthenticationProcessingF
ilter.doFilter (OAuth2AuthenticationProcessingFilter.java:176)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.authentication.logout.LogoutFilter.doFilter (LogoutFilter.j
ava:120)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal (HeaderWriterFil
ter.java:64)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter (Security
ContextPersistenceFilter.java:91)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doF
ilterInternal (WebAsyncManagerIntegrationFilter.java:53)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter (FilterChainPr
oxy.java:330)
    at org.springframework.security.web.FilterChainProxy.doFilterInternal (FilterChainProxy.java:21
3)
    at org.springframework.security.web.FilterChainProxy.doFilter (FilterChainProxy.java:176)
    at org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate (DelegatingFilterProxy.j
ava:346)
    at org.springframework.web.filter.DelegatingFilterProxy.doFilter (DelegatingFilterProxy.java:26
2)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1621)
    at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal (CharacterEncodingFi
lter.java:121)
    at org.springframework.web.filter.OncePerRequestFilter.doFilter (OncePerRequestFilter.java:107)
    at org.eclipse.jetty.servlet.ServletHandler$CachedChain.doFilter (ServletHandler.java:1613)
    at org.eclipse.jetty.servlet.ServletHandler.doHandle (ServletHandler.java:541)
    at org.eclipse.jetty.server.handler.ScopedHandler.handle (ScopedHandler.java:143)
    at org.eclipse.jetty.security.SecurityHandler.handle (SecurityHandler.java:548)
    at org.eclipse.jetty.server.handler.HandlerWrapper.handle (HandlerWrapper.java:132)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:190)
    at org.eclipse.jetty.server.session.SessionHandler.doHandle (SessionHandler.java:1584)
    at org.eclipse.jetty.server.handler.ScopedHandler.nextHandle (ScopedHandler.java:188)
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at org.eclipse.jetty.server.handler.ContextHandler.doHandle(ContextHandler.java:1228)
at org.eclipse.jetty.server.handler.ScopedHandler.nextScope(ScopedHandler.java:168)
at org.eclipse.jetty.servlet.ServletHandler.doScope(ServletHandler.java:481)
at org.eclipse.jetty.server.session.SessionHandler.doScope(SessionHandler.java:1553)
at org.eclipse.jetty.server.handler.ScopedHandler.nextScope(ScopedHandler.java:166)
at org.eclipse.jetty.server.handler.ContextHandler.doScope(ContextHandler.java:1130)
at org.eclipse.jetty.server.handler.ScopedHandler.handle(ScopedHandler.java:141)
at org.eclipse.jetty.server.handler.HandlerWrapper.handle(HandlerWrapper.java:132)
at org.eclipse.jetty.server.Server.handle(Server.java:564)
at org.eclipse.jetty.server.HttpChannel.handle(HttpChannel.java:320)
at org.eclipse.jetty.server.HttpConnection.onFillable(HttpConnection.java:251)
at org.eclipse.jetty.io.AbstractConnection$ReadCallback.succeeded(AbstractConnection.java:279)
at org.eclipse.jetty.io.FillInterest.fillable(FillInterest.java:112)
at org.eclipse.jetty.io.ChannelEndPoint$2.run(ChannelEndPoint.java:124)
at org.eclipse.jetty.util.thread.QueuedThreadPool.runJob(QueuedThreadPool.java:672)
at org.eclipse.jetty.util.thread.QueuedThreadPool$2.run(QueuedThreadPool.java:590)
at java.lang.Thread.run(Thread.java:748)
Caused by: com.vaadin.data.fieldgroup.FieldGroup$CommitException: Commit failed
at com.vaadin.data.fieldgroup.FieldGroup.commit(FieldGroup.java:509)
at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor.save(AbstractPopupEditor.java:428)
... 86 more
Caused by: com.vaadin.data.fieldgroup.FieldGroup$CommitException: Failed to store data to backend
at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor$SaveHandler.postCommit(AbstractPopupEditor.java:374)
at com.vaadin.data.fieldgroup.FieldGroup.firePostCommitEvent(FieldGroup.java:625)
at com.vaadin.data.fieldgroup.FieldGroup.commit(FieldGroup.java:501)
... 87 more
Caused by: java.lang.IllegalStateException: Multiple representations of the same entity [eu.etaxonomy.cdm.model.agent.Person#26] are being merged. Detached: [Skibbe, O.]; Detached: [Skibbe, O.]
at org.hibernate.event.internal.EntityCopyNotAllowedObserver.entityCopyDetected(EntityCopyNotAllowedObserver.java:37)
at org.hibernate.event.internal.MergeContext.put(MergeContext.java:245)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsDetached(DefaultMergeEventListener.java:304)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:170)
at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:850)
at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:832)
at org.hibernate.engine.spi.CascadingActions$6.cascade(CascadingActions.java:260)
at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:398)
at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:323)
at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascade(Cascade.java:111)
at org.hibernate.event.internal.AbstractSaveEventListener.cascadeBeforeSave(AbstractSaveEventListener.java:425)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsTransient(DefaultMergeEventListener.java:232)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:173)
at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:850)
at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:832)
at org.hibernate.engine.spi.CascadingActions$6.cascade(CascadingActions.java:260)
at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:398)
at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:323)
at org.hibernate.engine.internal.Cascade.cascadeProperty(Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascade(Cascade.java:111)
at org.hibernate.event.internal.AbstractSaveEventListener.cascadeBeforeSave(AbstractSaveEventListener.java:425)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsTransient(DefaultMergeEventListener.java:232)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge(DefaultMergeEventListener.java:173)
at org.hibernate.internal.SessionImpl.fireMerge(SessionImpl.java:850)
at org.hibernate.internal.SessionImpl.merge(SessionImpl.java:832)
at org.hibernate.engine.spi.CascadingActions$6.cascade(CascadingActions.java:260)
at org.hibernate.engine.internal.Cascade.cascadeToOne(Cascade.java:398)
at org.hibernate.engine.internal.Cascade.cascadeAssociation(Cascade.java:323)
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at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascadeCollectionElements (Cascade.java:431)
at org.hibernate.engine.internal.Cascade.cascadeCollection (Cascade.java:363)
at org.hibernate.engine.internal.Cascade.cascadeAssociation (Cascade.java:326)
at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascade (Cascade.java:111)
at org.hibernate.event.internal.AbstractSaveEventListener.cascadeAfterSave (AbstractSaveEventLi
stener.java:456)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsTransient (DefaultMergeEventL
istener.java:239)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge (DefaultMergeEventListener.ja
va:173)
at org.hibernate.internal.SessionImpl.fireMerge (SessionImpl.java:850)
at org.hibernate.internal.SessionImpl.merge (SessionImpl.java:832)
at org.hibernate.engine.spi.CascadingActions$6.cascade (CascadingActions.java:260)
at org.hibernate.engine.internal.Cascade.cascadeToOne (Cascade.java:398)
at org.hibernate.engine.internal.Cascade.cascadeAssociation (Cascade.java:323)
at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascade (Cascade.java:111)
at org.hibernate.event.internal.AbstractSaveEventListener.cascadeBeforeSave (AbstractSaveEventL
istener.java:425)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsTransient (DefaultMergeEventL
istener.java:232)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge (DefaultMergeEventListener.ja
va:173)
at org.hibernate.internal.SessionImpl.fireMerge (SessionImpl.java:850)
at org.hibernate.internal.SessionImpl.merge (SessionImpl.java:832)
at org.hibernate.engine.spi.CascadingActions$6.cascade (CascadingActions.java:260)
at org.hibernate.engine.internal.Cascade.cascadeToOne (Cascade.java:398)
at org.hibernate.engine.internal.Cascade.cascadeAssociation (Cascade.java:323)
at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascade (Cascade.java:111)
at org.hibernate.event.internal.AbstractSaveEventListener.cascadeBeforeSave (AbstractSaveEventL
istener.java:425)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsTransient (DefaultMergeEventL
istener.java:232)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge (DefaultMergeEventListener.ja
va:173)
at org.hibernate.internal.SessionImpl.fireMerge (SessionImpl.java:850)
at org.hibernate.internal.SessionImpl.merge (SessionImpl.java:832)
at org.hibernate.engine.spi.CascadingActions$6.cascade (CascadingActions.java:260)
at org.hibernate.engine.internal.Cascade.cascadeToOne (Cascade.java:398)
at org.hibernate.engine.internal.Cascade.cascadeAssociation (Cascade.java:323)
at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascadeCollectionElements (Cascade.java:431)
at org.hibernate.engine.internal.Cascade.cascadeCollection (Cascade.java:363)
at org.hibernate.engine.internal.Cascade.cascadeAssociation (Cascade.java:326)
at org.hibernate.engine.internal.Cascade.cascadeProperty (Cascade.java:162)
at org.hibernate.engine.internal.Cascade.cascade (Cascade.java:111)
at org.hibernate.event.internal.DefaultMergeEventListener.cascadeOnMerge (DefaultMergeEventList
ener.java:468)
at org.hibernate.event.internal.DefaultMergeEventListener.entityIsPersistent (DefaultMergeEvent
Listener.java:202)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge (DefaultMergeEventListener.ja
va:176)
at org.hibernate.event.internal.DefaultMergeEventListener.onMerge (DefaultMergeEventListener.ja
va:69)
at org.hibernate.internal.SessionImpl.fireMerge (SessionImpl.java:840)
at org.hibernate.internal.SessionImpl.merge (SessionImpl.java:822)
at org.hibernate.internal.SessionImpl.merge (SessionImpl.java:827)
at eu.etaxonomy.cdm.service.SpecimenTypeDesignationWorkingSetServiceImpl.save (SpecimenTypeDesi
gnationWorkingSetServiceImpl.java:197)
at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke (Method.java:498)
at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection (AopUtils.java:302)
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at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint (ReflectiveMethodInvocation.java:190)
at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:157)
at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation (TransactionInterceptor.java:99)
at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction (TransactionAspectSupport.java:281)
at org.springframework.transaction.interceptor.TransactionInterceptor.invoke (TransactionInterceptor.java:96)
at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed (ReflectiveMethodInvocation.java:179)
at org.springframework.aop.framework.JdkDynamicAopProxy.invoke (JdkDynamicAopProxy.java:208)
at com.sun.proxy.$Proxy235.save (Unknown Source)
at eu.etaxonomy.cdm.vaadin.view.name.SpecimenTypeDesignationWorkingsetEditorPresenter.saveBean (SpecimenTypeDesignationWorkingsetEditorPresenter.java:270)
at eu.etaxonomy.cdm.vaadin.view.name.SpecimenTypeDesignationWorkingsetEditorPresenter.saveBean (SpecimenTypeDesignationWorkingsetEditorPresenter.java:1)
at eu.etaxonomy.vaadin.mvp.AbstractEditorPresenter.onEditorSaveEvent (AbstractEditorPresenter.java:107)
at sun.reflect.GeneratedMethodAccessor159.invoke (Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke (Method.java:498)
at org.vaadin.spring.events.internal.MethodListenerWrapper.publish (MethodListenerWrapper.java:78)
at org.vaadin.spring.events.internal.ListenerCollection.publish (ListenerCollection.java:167)
at org.vaadin.spring.events.internal.ScopedEventBus.publish (ScopedEventBus.java:116)
at org.vaadin.spring.events.internal.ScopedEventBus.publish (ScopedEventBus.java:109)
at eu.etaxonomy.vaadin.mvp.AbstractPopupEditor$SaveHandler.postCommit (AbstractPopupEditor.java:366)
... 89 more
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## Associated revisions

### Revision fdce845e - 02/06/2019 11:08 AM - Andreas Kohlbecker

fix #8063 avoiding multiple representations problem by adding the the citation to the cache in case the registration is empty

## History

### #1 - 02/05/2019 11:58 AM - Andreas Kohlbecker

- Description updated

### #2 - 02/05/2019 05:33 PM - Andreas Kohlbecker

- Description updated

### #3 - 02/06/2019 11:09 AM - Andreas Kohlbecker

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset [cdm-vaadin|fdce845e68f179442cec658779f8c8e5319d2ee7](#).

### #4 - 02/06/2019 11:10 AM - Andreas Kohlbecker

- Assignee changed from Andreas Kohlbecker to Wolf-Henning Kusber

Should be fully solved but a second checking this would be great.

Please review once the server is updated.

### #5 - 02/07/2019 06:44 PM - Wolf-Henning Kusber

- Assignee changed from Wolf-Henning Kusber to Andreas Kohlbecker

- % Done changed from 50 to 100

Checked with an analogous new example without any exception. Ticket can be closed.

**#6 - 02/07/2019 10:21 PM - Andreas Kohlbecker**

*- Status changed from Resolved to Closed*