

## EDIT - feature request #7658

### use new taxon relationship DTO webservice in portal

08/16/2018 02:35 PM - 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-dataportal	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.3		
<b>Severity:</b>	normal		
<b>Description</b>			
for details see <a href="#">#6682</a>			
Example taxa:			
<ul style="list-style-type: none"><li>• Chichorieae: Pilosella acutifolia coll.</li><li>• Cihochorieae: Hieracium dermatophyllum</li></ul>			
New test data copied from <a href="#">Nepenthes abalata</a> in the integrationtest reference database			
<a href="http://int.e-taxonomy.eu/dataportal/integration/reference/cdm_dataportal/taxon/9b588d8a-c4fa-430a-b9c7-026bf715ecf6/synonymy?destination=cdm_dataportal/taxon/9b588d8a-c4fa-430a-b9c7-026bf715ecf6/synonymy">http://int.e-taxonomy.eu/dataportal/integration/reference/cdm_dataportal/taxon/9b588d8a-c4fa-430a-b9c7-026bf715ecf6/synonymy?destination=cdm_dataportal/taxon/9b588d8a-c4fa-430a-b9c7-026bf715ecf6/synonymy</a>			
Still to discuss: how to handle misapplied name deduplication (1 line per same name/rel.sec. but for different sensu/appended phrases, the later need to be concatenated with ", " as separator. This can either be handled on server or client side (discussion).			
<b>Related issues:</b>			
Related to EDIT - bug #6652: [Discuss] misapplied names: hide protologue icon		<b>New</b>	
Related to EDIT - bug #5676: Sensu does not show up if no author exists for s...		<b>Closed</b>	
Related to EDIT - feature request #7666: Remaining issues for "Formatter and ...		<b>In Progress</b>	
Related to EDIT - feature request #5232: use TaxonBase.getTaggedTitle to get ...		<b>New</b>	
Related to EDIT - feature request #5647: Aggregate misapplied names with mult...		<b>Closed</b>	
Related to EDIT - feature request #6681: Correct formatting for misapplied na...		<b>Closed</b>	
Related to EDIT - feature request #7753: use TaxonRelationshipFormatter for M...		<b>Closed</b>	
Follows EDIT - feature request #6682: Formatter and DTO for taxon relationshi...		<b>Closed</b>	
Copied to EDIT - feature request #7720: use new taxonRelationshipsDTO webserv...		<b>Closed</b>	
Copied to EDIT - bug #7766: Remaining issues for using relationship DTO webse...		<b>Closed</b>	

### Associated revisions

#### Revision 5cfd066c - 08/31/2018 06:46 PM - Andreas Kohlbecker

ref #7658 test case for Nepenthes abalata

#### Revision 116fb348 - 09/04/2018 12:58 PM - Andreas Kohlbecker

ref #7658 work in progress with errors

#### Revision 83dc60b9 - 09/04/2018 12:58 PM - Andreas Kohlbecker

ref #7658 adapting cdm\_taxonRelationships() to new taxon relationship DTO webservice

- test case
- extending tagged text functions
- adapting misapplied name rednering

#### Revision 2978b0c8 - 09/04/2018 12:58 PM - Andreas Kohlbecker

ref #7658 moving all tagged text functions to separate file

#### Revision 67c8cca9 - 09/04/2018 12:58 PM - Andreas Kohlbecker

ref #7658 misapplied names and invalid designations modified to use the taxonRelationshipsDTO webservice

**Revision 27c31249 - 09/04/2018 01:36 PM - Andreas Kohlbecker**

ref #7658 test for invalid designation

**Revision 13bd883d - 09/04/2018 02:30 PM - Andreas Kohlbecker**

ref #7658, ref #7720 restoring css rule for .relation\_sign

**Revision 439f531a - 09/11/2018 06:39 PM - Andreas Kohlbecker**

ref #7658 MAN deduplication by full MAN representation except sensu reference

**Revision 23ebb91f - 09/13/2018 03:11 PM - Andreas Kohlbecker**

ref #7658 fixing final problems in MAN display related to appendedPhrase, citationDetail, footnotes

**Revision 18c71cd1 - 09/13/2018 03:42 PM - Andreas Kohlbecker**

ref #7658 using the taxonRelationDTO for other relationshippt also - footnotes are missing

**Revision a9dc4b35 - 09/14/2018 03:14 PM - Andreas Kohlbecker**

ref #7658 other relationship representation based on DTOs fully implemented

**Revision bafcf277 - 09/16/2018 03:25 PM - Andreas Kohlbecker**

adapting xpaths in test framework to modified rendering of footnotes, related to ref #7658

**Revision e56e5d1c - 09/16/2018 05:29 PM - Andreas Kohlbecker**

adding test case for no sensu but with Combination Authors and fixing according bug

**Revision 45aaf1fe - 09/16/2018 05:36 PM - Andreas Kohlbecker**

deduplication of p.p.MAN and partial MAN with test

## History

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**#1 - 08/16/2018 02:35 PM - Andreas Kohlbecker**

- Copied from feature request #6682: Formatter and DTO for taxon relationships (e.g. misapplied names) added

**#2 - 08/16/2018 03:10 PM - Andreas Kohlbecker**

- Tags changed from euro+med to euro+med, caryophyllales

**#3 - 08/16/2018 04:06 PM - Andreas Kohlbecker**

- Description updated

**#4 - 08/17/2018 08:51 AM - Andreas Müller**

- Related to bug #6652: [Discuss] misapplied names: hide protologue icon added

**#5 - 08/17/2018 08:53 AM - Andreas Müller**

- Related to bug #5676: Sensu does not show up if no author exists for secundum reference added

**#6 - 08/17/2018 03:55 PM - Andreas Kohlbecker**

- Target version changed from Release 5.2 to Release 5.3

**#7 - 08/20/2018 12:03 PM - Andreas Müller**

- Related to feature request #7666: Remaining issues for "Formatter and DTO for taxon relationships (e.g. misapplied names)" added

**#8 - 08/20/2018 05:33 PM - Andreas Müller**

- Description updated

**#9 - 08/20/2018 05:36 PM - Andreas Müller**

- Copied from deleted (feature request #6682: Formatter and DTO for taxon relationships (e.g. misapplied names))

**#10 - 08/20/2018 05:36 PM - Andreas Müller**

- Due date set to 06/01/2017
- Start date changed from 05/31/2017 to 06/01/2017
- Follows feature request #6682: Formatter and DTO for taxon relationships (e.g. misapplied names) added

**#11 - 08/20/2018 05:37 PM - Andreas Müller**

- Due date deleted (06/01/2017)

**#12 - 08/31/2018 06:26 PM - Andreas Kohlbecker**

- Description updated

**#13 - 09/04/2018 01:43 PM - Andreas Kohlbecker**

- Copied to feature request #7720: use new taxonRelationshipsDTO webservice for all taxon relations added

**#14 - 09/04/2018 01:44 PM - Andreas Kohlbecker**

- Status changed from In Progress to Resolved
- Assignee changed from Andreas Kohlbecker to Andreas Müller
- % Done changed from 0 to 60

implementation complete, please review

**#15 - 09/06/2018 12:06 PM - Andreas Müller**

- Related to feature request #5232: use TaxonBase.getTaggedTitle to get the sec reference in theme\_cdm\_taxonRelationships() added

**#16 - 09/06/2018 02:31 PM - Andreas Müller**

- Status changed from Resolved to Feedback
- Assignee changed from Andreas Müller to Andreas Kohlbecker

Does not yet work for pro parte and partial MANs.

**#17 - 09/06/2018 02:44 PM - Andreas Müller**

- File picture970-1.png added
- File picture970-2.png added

Exception for second MAN of *Achillea santolinoides* Lag.

## *Achillea santolinoides*



- Notice: Undefined property: stdClass::\$toTaxon in `_is_invers_taxonRelationship()` (line 2441 of `/var/www/drupal-7.32/sites/_jenkins-workspace/modules/cdm_dataportal/cdm_dataportal.module`).
- Notice: Trying to get property of non-object in `_is_invers_taxonRelationship()` (line 2441 of `/var/www/drupal-7.32/sites/_jenkins-workspace/modules/cdm_dataportal/cdm_dataportal.module`).

General

Synonymy

*Achillea santolinoides* Lag.

– "*Achillea santolina*" sensu Meikle 1985<sup>1</sup>

1. R. D. Meikle, Flora of Cyprus 2. 1985

for this data on test.cyprus

#18 - 09/06/2018 02:46 PM - Andreas Müller

But it works when adding an explicit sensu reference. But explicit sensu is not a requirement.

#19 - 09/06/2018 03:27 PM - Andreas Müller

- File picture38-1.png added

Strange, with this entry:

the webservice even does not return a second entry though it exists. Need to check why.

#20 - 09/06/2018 03:30 PM - Andreas Müller

Andreas Müller wrote:

Strange, with this entry:

the webservice even does not return a second entry though it exists. Need to check why.

ohh, sorry, it was on unpublsh (so unpublsh works !! ;-)

**#21 - 09/06/2018 03:38 PM - Andreas Müller**

Deduplication must NOT take place if the rel. sec. differs (e.g. only one of the MANs has a rel. sec.). This is not yet correctly implemented. Also everything else needs to be equal except for MAN.sec and MAN.secDetail. E.g. if the doubtful flag differs either for the MAN taxon or for relation also no deduplication should take place (as it is no duplicate). Also the relationship type needs to be equal (once pro parte and partial works).

**#22 - 09/06/2018 03:45 PM - Andreas Müller**

- File picture944-1.png added

& handling does not yet work correctly in teams. Probably a formatter issue [#7666](#).

Chrték, B. Slavík 1994<sup>2</sup>: 22, non Test, err. sec. Zohary, Heller 1984<sup>4</sup>:

**#24 - 09/10/2018 04:29 PM - Andreas Müller**

Andreas Müller wrote:

& handling does not yet work correctly in teams. Probably a formatter issue [#7666](#).

Chrték, B. Slavík 1994<sup>2</sup>: 22, non Test, err. sec. Zohary, Heller 1984<sup>4</sup>:

This was a formatter problem ([#7666](#)) which was fixed by [cdmlibc331fa7e](#)

**#25 - 09/11/2018 05:50 PM - Andreas Müller**

- Related to feature request [#5647](#): *Aggregate misapplied names with multiple sensu references added*

**#26 - 09/11/2018 06:40 PM - Andreas Kohlbecker**

- Status changed from *Feedback* to *Resolved*
- Assignee changed from *Andreas Kohlbecker* to *Andreas Müller*
- % Done changed from 60 to 70

finally fully solved, please review

**#27 - 09/12/2018 10:00 AM - Andreas Müller**

- Related to feature request [#6681](#): *Correct formatting for misapplied names in name editor added*

**#28 - 09/12/2018 12:24 PM - Andreas Müller**

- Related to feature request [#7753](#): *use TaxonRelationshipFormatter for MAN and pro parte synonyms in name editor added*

**#29 - 09/12/2018 12:32 PM - Andreas Müller**

- File picture400-1.png added
- Status changed from *Resolved* to *Feedback*
- Assignee changed from *Andreas Müller* to *Andreas Kohlbecker*

Deduplication still does not work if everything is similar except for sensu and sensu detail. In the following screenshot the 2nd and 3rd entry should be deduplicated:

- "*Achillea santolina*" sensu Meikle 1985<sup>3</sup>  
?– ? "*Achillea santolina*" sensu Chrték & B. Slavík 1994<sup>2</sup>, non Test, err. sec. Zohary & Heller 1984<sup>4</sup>: 33  
?– ? "*Achillea santolina*" sensu Baumel 2017+<sup>1</sup>: 22, non Test, err. sec. Zohary & Heller 1984<sup>4</sup>: 33

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1. A. Baumel, 2017, 2. J. Chrték & B. Slavík, Contribution to the flora of Cyprus. 3 in Fl. Medit. 4. 1994, 3. R. D. Meikle, Flora of Cyprus 1985, 4. M. Zohary & D. Heller, The genus *Trifolium*. 1984

**#30 - 09/12/2018 12:45 PM - Andreas Müller**

I tested the above behavior. The reason is that secDetail differs (or misses in one case). secDetail is part of the secSource and may be different.

**#31 - 09/12/2018 12:49 PM - Andreas Müller**

The MANs are still unsorted. In the above example you can see that *Achillea santolina* sensu Chrtek ... is before *Achillea santolina* sensu Baumel but shouldn't.

As far as I know Katja implemented a Comparator for same issue in TaxEditor. If possible we should try to reuse it. But may be this is not possible because of the deduplications that do not exist in TaxEditor.

**#32 - 09/12/2018 12:55 PM - Andreas Müller**

Andreas Müller wrote:

Exception for second MAN of *Achillea santolinoides* Lag.

for this data on test.cyprus

This is not yet fixed. The exception still exists. [#7658#note-17](#)

**#33 - 09/12/2018 01:33 PM - Andreas Müller**

Deduplication should include appendedPhrase part I think (this is also not yet implemented in the server side misapplication deduplication and also has not yet been discussed in our last discussion on deduplication).

E.g. - "*Achillea santolina*" auctrs. afr.; Meikle 1988 should be deduplicated and not 2 entries.

This is because the appendedPhrase for MANs is usually used as kind of freetext for the sensu reference like in the above example.

**#34 - 09/12/2018 01:37 PM - Andreas Müller**

Andreas Müller wrote:

Does not yet work for pro parte and partial MANs.

This is also still an open issue.

**#35 - 09/13/2018 03:12 PM - Andreas Kohlbecker**

- % Done changed from 70 to 80

please review again

**#36 - 09/13/2018 03:16 PM - Andreas Müller**

- Status changed from Feedback to Resolved

- Assignee changed from Andreas Kohlbecker to Andreas Müller

**#37 - 09/13/2018 03:43 PM - Andreas Kohlbecker**

Fehler wie bei *Achillea santolinoides* beseitigt, aber die Fußnoten bei den nicht MANs fehlen noch - kommt in 3.4!

**#38 - 09/14/2018 03:16 PM - Andreas Kohlbecker**

Andreas Kohlbecker wrote:

Fehler wie bei *Achillea santolinoides* beseitigt, aber die Fußnoten bei den nicht MANs fehlen noch - kommt in 3.4!

jetzt müsste es perfekt sein!

der Review lohnt sich nun.

**#39 - 09/16/2018 03:27 PM - Andreas Müller**

"auct." (appended phrase) does not show up, e.g.

- "*Achillea santolina*" , non Test , but should be "*Achillea santolina*" auct., non Test

The auct. is in the webservice but seems to get lost in the portal code

**#40 - 09/16/2018 03:27 PM - Andreas Müller**

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Andreas Kohlbecker

**#41 - 09/16/2018 03:30 PM - Andreas Müller**

Andreas Müller wrote:

"auct." (appended phrase) does not show up, e.g.

- "Achillea santolina" , non Test , but should be "Achillea santolina" auct., non Test

The auct. is in the webservice but seems to get lost in the portal code

This is only the case, if no sensu reference is defined

**#42 - 09/16/2018 03:49 PM - Andreas Müller**

Deduplication takes not yet place when the relationship is of type "pro parte Misapplied Name" or "partial Misapplied Name", but should. But of course only if both types are equal, so don't mix MAN with ppMAN or partialMAN with ppMAN ...

**#43 - 09/16/2018 05:00 PM - Andreas Kohlbecker**

Andreas Müller wrote:

Deduplication takes not yet place when the relationship is of type "pro parte Misapplied Name" or "partial Misapplied Name", but should. But of course only if both types are equal, so don't mix MAN with ppMAN or partialMAN with ppMAN ...

Oops, this is a new requirement.

**#44 - 09/16/2018 05:08 PM - Andreas Kohlbecker**

Andreas Müller wrote:

Andreas Müller wrote:

"auct." (appended phrase) does not show up, e.g.

- "Achillea santolina" , non Test , but should be "Achillea santolina" auct., non Test

The auct. is in the webservice but seems to get lost in the portal code

This is only the case, if no sensu reference is defined

It is actually the "Combination Authors" data which causes the problem.

**#45 - 09/16/2018 05:37 PM - Andreas Kohlbecker**

- Status changed from Feedback to Resolved

- Assignee changed from Andreas Kohlbecker to Andreas Müller

all mentioned bugs fixed!

**#46 - 09/16/2018 05:39 PM - Andreas Müller**

The sort order is still not correct. We should first have pro parte/partial synonyms, then invalid designations, then MANs followed (or including?) pro parte/partial MAN and finally concept relationships.

Currently they come mixed up:

# Achillea santolinoides

General

Synonymy

Specimens



*Achillea santolinoides* Lag.

Type: Philippines, Panay, Antique Prov., Mariliso (= Malalison) Island., male in? or. May–Aug. 1918, McGregor 32313 (holotype: US, isotype: B, photo K, photo PNH)

- "*Achillea santolina*" auct., non Test
- "*Achillea santolina*" aaa sensu Chrtek & B. Slavík 1994<sup>2</sup>
- ?– ? "*Achillea santolina*" sensu Chrtek & B. Slavík 1994<sup>2</sup>; ccc sensu Baumel 2017+: 22<sup>1</sup>, non Test, err. sec. Zohary & Heller 1984<sup>3</sup>: 33
- "*Test invaliddesig*" auct.

± *Achillea cretica* L. sec. Cyprus

–(part.) "*Achillea santolina*" aab sensu Meikle 1985

–(part.) "*Achillea santolina*" aucts.

⇒ p.p. *Proparte synonym* sec. Chrtek & B. Slavík 1994, syn. sec. Kreuz & Scraton 2002

1. A. Baumel, 2017, 2. J. Chrtek & B. Slavík, Contribution to the flora of Cyprus. 3 in Fl. Medit. 4. 1994, 3. M. Zohary & D. Heller, The genus *Trifolium*. 1984

**#47 - 09/16/2018 05:40 PM - Andreas Müller**

- File *picture979-1.png* added

**#48 - 09/16/2018 05:41 PM - Andreas Müller**

This problem is not release critical. We can fix it in 5.4. Maybe only moving up ppSyn to top would be nice but if not it is acceptable.

**#49 - 09/16/2018 07:15 PM - Andreas Müller**

Andreas Kohlbecker wrote:

all mentioned bugs fixed!

Tested the 2 issues. Both work.

So the only open issue is the sorting [#7658#note-46](#)

We may move this to 5.4 if not easy to fix.

**#50 - 09/16/2018 07:15 PM - Andreas Müller**

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Andreas Kohlbecker

**#51 - 09/16/2018 07:20 PM - Andreas Müller**

And ofcourse the footnotes for non-MAN data are still missing. [#7658#note-37](#) or should this be fixed already? If yes, it doesn't seem to work.

**#52 - 09/17/2018 03:27 PM - Andreas Kohlbecker**

- Copied to bug #7766: Remaining issues for using relationship DTO webservice in portal added

**#53 - 09/17/2018 08:00 PM - Andreas Müller**

- Status changed from Feedback to Closed

Close this ticket. Remaining (and new) issues moved to [#7766](#)

**#54 - 09/17/2018 08:00 PM - Andreas Müller**

- % Done changed from 80 to 100

## Files

<a href="#">picture970-1.png</a>	17.8 KB	09/06/2018	Andreas Müller
<a href="#">picture970-2.png</a>	41 KB	09/06/2018	Andreas Müller



picture38-1.png	7.79 KB	09/06/2018	Andreas Müller
picture944-1.png	3.35 KB	09/06/2018	Andreas Müller
picture400-1.png	8.17 KB	09/12/2018	Andreas Müller
picture979-1.png	24.4 KB	09/16/2018	Andreas Müller