

EDIT - feature request #7899

enable orthographic name correction in Vaadin

11/09/2018 10:56 AM - Wolf-Henning Kusber

Status:	Closed	Start date:	
Priority:	New	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	100%
Category:	cdm-vaadin	Estimated time:	0:00 hour
Target version:	Release 5.5		
Severity:	normal		

Description

Subject: validly published names are in (up to) 10% not correctly formed according to the rules of the ICN. Such names "are to be corrected", that means, they are wrongly published but in every publication the name has to be changed.

Published: Mastogloia wulffii

To be corrected to: Mastogloia wulffiae

[In print publications names would be used as "Mastogloia wulffii" or "Mastogloia wulffiae" or "Mastogloia 'wulffii'wulffiae"]

PhycoBank could copy most elements of validation for Vaadin.

Insert field with clickbox "with orthographic validation"

Analoguous to the Validation part of the form, a correction part is opened

Instead of "Validation" it is called "Orthographic correction"

Instead of "Validated name" it is called "orthraphical corrected name"

Namefield stays, Reference [to select ICN] stays, Reference detail stays, Rule considered stays.

Main differences:

(i) the corrected name is already valid [in contrast to the validated name](#) Ref. & Ref.Detail is the same

(iii) The name relation is not validation, but "has orthograph variant", the corrected name is "original spelling" (orthographic variant) for the first one. Correct name relation according to ICN and CDM to be discussed.

Advantages: Name correction is no formal act, is no registration by its own. If (a) a name was published with an orthographic error AND (b) it was published in PDF or online with http Identifier, it is directly linkted to the record wich includes both names. There is a justification of the name change.

Disadvantages: An additional Field/check box makes the system more complicated, it is not self-explaining.

Name editor

Registration Edit taxon name

Rank
Species

With basionym
With replaced synonym
☒ Validation

Genus
Abas

Specific epithet
cerolinensis

Nomenclatural reference
A. Braun in Abh. Königl. Akad. Wiss. Berlin 1856. 1857

Reference detail
22

Validation

Validated name
Abas cerolinensis T.Abe

Reference
Turand, N.J., Wiersema, J.H., Barrie, F.R. & al., International Code of Nomenclature

Reference detail
22

Rule considered
Art. 33.3

Editorial notes

Handwritten notes in blue:
 - "with orth. corr." next to Validation
 - "orthographic correction" and "converted" over the Validation section
 - "(same ref)" over the Reference field
 - Checkmarks next to the Reference and Rule considered fields

Further improvements in answer to the problems pointed out in comment 7 and before ([#7899#note-7](#)):

- in the Editor for incorrect names: hide, disable the option "Orthographic correction" - **DONE**
- A) when creating a weakly related higher name (genus for incorrect species, genus or species for incorrect subspecies)
 - Editor should not offer the nomenclatural reference field since the nom. ref of the higher name is unknown
 - a blocking registration must not be created
- B) start the editor without VALIDATE_AGAINST_HIGHER_NAME_PART mode ==> **Preferred solution - DONE**
- All incorrect names with be tagged with a marker of the type "Incorrect name" rejected, see comment **#13**
- Exclude all names with marker "Incorrect name" from all comboboxes except the one in the Orthographic correction field rejected, see comment **#13**
- Exclude all names which are from Namein name relations with the type ORTHOGRAPHIC_VARIANT. from all comboboxes except the one in the Orthographic correction field

Related issues:

Related to EDIT - task #7960: Revision of NameRelationshipTypes

New

Associated revisions

Revision e5237e50 - 12/10/2018 01:24 PM - Andreas Kohlbecker

fix #7899 orthographic variant and corrections implemented in taxon name popup editor

Revision ade5a13e - 12/10/2018 01:55 PM - Andreas Kohlbecker

ref #7899 adding new name as orthographic correction with correct bean instantiator

Revision 4bae0768 - 12/10/2018 02:43 PM - Andreas Kohlbecker

ref #7899 validator for orthographic correction

Revision aaa63dad - 12/10/2018 02:49 PM - Andreas Kohlbecker

ref #7899 updating nameRelationField with newly created corrected name

Revision 61b6ce4e - 12/11/2018 10:43 AM - Andreas Kohlbecker

fix #7899 changing corrected name label to "Incorrect name"

Revision 068197fd - 12/14/2018 09:56 PM - Andreas Kohlbecker

ref #7899 adding MarkerType 'Incorrect name'

Revision 775c87a6 - 12/14/2018 10:18 PM - Andreas Kohlbecker

ref #7899 starting 'Incorrect name' editor without mode VALIDATE_AGAINST_HIGHER_NAME_PART and hiding 'Orthographic correction' toggle

Revision 3bf04fa1 - 12/19/2018 03:23 PM - Andreas Kohlbecker

ref #7899 excluding 'incorrect' names from name comboboxes by filtering by NameRelationshipType

Revision 8d8da57a - 02/21/2019 12:40 PM - Andreas Kohlbecker

ref #8117 commenting orthographic corrected names filter to prevent from unclear performance problems, see ref #7899

Revision b599ad36 - 02/21/2019 04:46 PM - Andreas Kohlbecker

ref #8117 commenting orthographic corrected names filter to prevent from unclear performance problems, see ref #7899

History

#1 - 11/09/2018 11:10 AM - Wolf-Henning Kusber

Note: The term "orthographic variant" is too broad for our case, because it includes also variants in different publications.

#2 - 11/14/2018 06:37 PM - Wolf-Henning Kusber

Im Vergleich zu meinem Vorschlag habe ich zu Mastogloia wulfii im TaxEditor Mastogloia wulfiae neu angelegt, dieselben Autoren neu ausgewählt, dieselbe Referenz neu ausgewählt, dieselben RefDetails eingegeben, für Mastogloia wulfii Name Relationship= is original spelling for Mastogloia wulfiae angelegt und Rule Considered sowie Reference ausgewählt. Das ist deutlich aufwändiger als der oben genannte Vorschlag.

#3 - 12/04/2018 11:15 AM - Andreas Kohlbecker

- Description updated

#4 - 12/10/2018 01:26 PM - Andreas Kohlbecker

- Status changed from New to Resolved

- % Done changed from 0 to 50

Applied in changeset [cdm-vaadin|e5237e50ef5bcd241d14a3667ca23ac46aec2b71](#).

#5 - 12/10/2018 01:33 PM - Andreas Kohlbecker

- Assignee changed from Andreas Kohlbecker to Wolf-Henning Kusber

- Target version changed from Unassigned CDM tickets to Release 5.5

please review once test server is updated.

#6 - 12/10/2018 07:05 PM - Wolf-Henning Kusber

- File picture294-1.png added
- Assignee changed from Wolf-Henning Kusber to Andreas Kohlbecker
- % Done changed from 50 to 70

Forms and functionality implemented as discussed.
Working with orthographic variants reveals an error in the specification:

Label "Corrected name" is not clear because the correct name is not labelled as correct name. To make clear that the "Corrected name" is not itself corrected but was the original spelling to be corrected it should be called "Incorrect name" (see screen shot). That makes sense with regard to the respective article of the ICN.

Name editor

Registration Edit taxon name

Rank

Species

☐ With basionym ☐ With replaced synonym ☐ Validation ☒ Orthographic correction

Genus *

Achnanthes

Specific epithet *

jüttnerae

Nomenclatural reference

Kusber, W.-H., Testreferenz zu orthographischen Korrekturen in Fottea 88: 99-100. 1999

Reference detail

88

Orthographic correction

Corrected name

Achnanthes jüttnerae Kusber

Reference

Turland, N.J., Wiersema, J.H., Barrie, F.R. & al., International Code of Nomenclature

Reference detail

666

Rule considered

Art. xy

#7 - 12/10/2018 07:24 PM - Wolf-Henning Kusber

The normal usecase "new epithet incorrectly published" to be corrected according to ICN works well.

But problems occur if a incorrect spelling is given for a listed genus or species name. To put in a erroneously spelled genus, published in the context of an epithet, I have to register a "new" genus name with a reference.

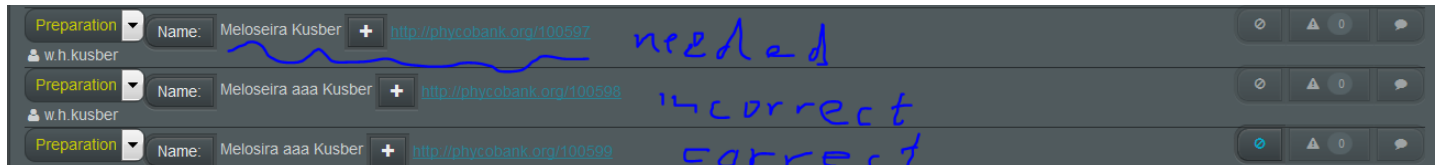
<http://test.e-taxonomy.eu/cdmserver/phycobank/app/registration#/workingset/9d80da69-2098-42a7-8cb8-be4fff0ecc59>

eu.etaxonomy.vaadin.mvp.PopupEditorException: Error saving popup editor - context [user=w.h.kusber] :Edit registration (TypedEntityReference: Registration#null) > New taxon name (TaxonNameDTO: TaxonName#0)

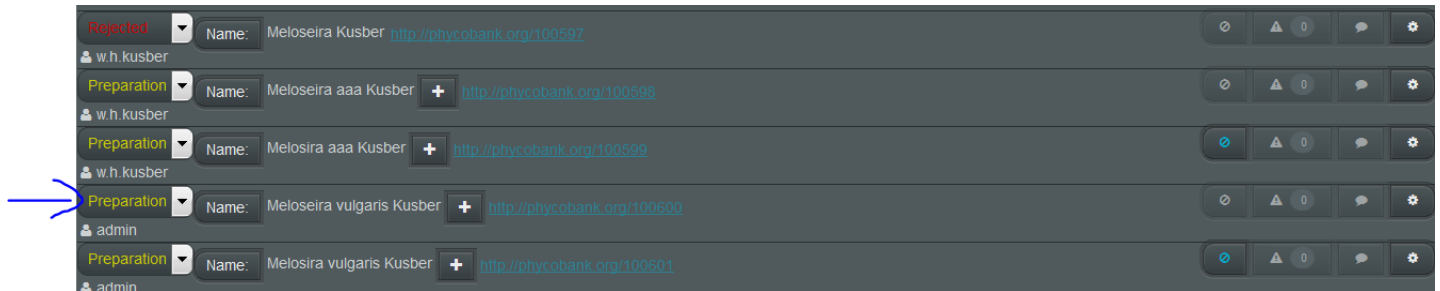
#8 - 12/10/2018 07:37 PM - Wolf-Henning Kusber

- File picture267-1.png added
- File picture267-2.png added

To handle an erroneously spelled genus name, I had to register the uncorrect spelled genus name. A workaround could be to reject this entry?



The rejected name was afterworth available as name, to be used.



#9 - 12/11/2018 10:43 AM - Andreas Kohlbecker

- % Done changed from 70 to 50

Applied in changeset [cdm-vaadin|61b6ce4e6afcc2de48e66b2f8df68d30c799ca3c](#).

#10 - 12/11/2018 11:59 AM - Wolf-Henning Kusber

incorrect uninominals and epithets should only be searchable in the "incorrect name" section. Example is genus=Meloseira (see screen shots)

#11 - 12/11/2018 05:13 PM - Andreas Kohlbecker

- Description updated

We discussed the above problems and came to a solution ... issue description updated accordingly

#12 - 12/14/2018 10:16 PM - Andreas Kohlbecker

- Description updated

#13 - 12/14/2018 10:20 PM - Andreas Kohlbecker

- Description updated

#14 - 12/19/2018 03:20 PM - Andreas Kohlbecker

- Description updated
- Status changed from Resolved to In Progress

After a discussion with Andreas Müller, the improved concept from 2018-12-11 has been revised and changed again:

1. Instead of using a marker the incorrect name should only be recognized through the name relation with a specific type in which it is being used.
2. The appropriate type of the NameRelationship is currently being dicussed neither NameRelationshipType.ORTHOGRAPHIC_VARIANT() nor NameRelationshipType.MISSPELLING() seem to semantically 100% suitable.

#15 - 12/19/2018 05:00 PM - Andreas Kohlbecker

- Description updated

according to the latest discussion, which is based on research in the ICBN, we came to the conclusion that ORTHOGRAPHIC_VARIANT is the correct type to be used. The from name is always a name to be corrected and is to be considered invalid. There are rare cases where two slightly

different notation for the same name exist but these differences are nomenclatural irrelevant and never are subject of a name relationship. These minor orthographic differences are corrected silently. For more details on this subject please refer to [#7960](#)

#16 - 12/19/2018 05:00 PM - Andreas Kohlbecker

- *Related to task #7960: Revision of NameRelationshipTypes added*

#17 - 12/19/2018 05:01 PM - Andreas Kohlbecker

- *Description updated*

#18 - 12/19/2018 05:08 PM - Andreas Kohlbecker

- *Related to task #7961: Consider removal of the TaxonNamePopupEditMode ORTHOGRAPHIC_CORRECTION added*

#19 - 12/19/2018 05:10 PM - Andreas Kohlbecker

- *Status changed from In Progress to Resolved*

- *Assignee changed from Andreas Kohlbecker to Wolf-Henning Kusber*

please review

#20 - 12/19/2018 05:36 PM - Wolf-Henning Kusber

Comment on #15

according to the latest discussion, which is based on research in the ICBN, we came to the conclusion that ORTHOGRAPHIC_VARIANT is the correct type to be used. The from name is always a name to be corrected and is to be considered *valid but incorrect*.

#21 - 12/19/2018 06:44 PM - Wolf-Henning Kusber

- *File picture110-1.png added*

label: what about the following label wording?

header: orthographical variant

above the cache: incorrect name (= as is)

Name editor

Registration **Edit taxon name**

Rank
Species

☐ With basionym ☐ With replaced synonym ☐ Validation ☒ Orthographic correction

Genus *
Achnanthes

Specific epithet *
kohlbeckeri

Nomenclatural reference
Kusber, W.-H., Testreferenz zu orthographischen Korrekturen in Fottea 88: 99-100. 1999

Reference detail
99

Orthographic correction *...cal variant*

Incorrect name
Achnanthes koolbeckeri Kusber

Reference
Turland, N.J., Wiersema, J.H., Barrie, F.R. & al., International Code of Nomer

Reference detail

Rule considered
Art. 60

Editorial notes

#22 - 01/23/2019 06:10 PM - Wolf-Henning Kusber

WGB: besser „Orthographical correction of“

WHK: den im Screenshot oben vorgeschlagen Text „Orthographical variant“ würde ich WGBs Vorschlag gegenüber vorziehen.
Kann gerne noch mal diskutiert werden

#23 - 01/23/2019 06:30 PM - Wolf-Henning Kusber

related issue [#8014](#)

#24 - 01/29/2019 06:49 PM - Wolf-Henning Kusber

- Status changed from Resolved to Closed
- Assignee changed from Wolf-Henning Kusber to Andreas Kohlbecker
- % Done changed from 50 to 100

Implementation is clear, functional, and usable.

Note: "Orthographical variant" not shown.

Files

OrthographicNameCorrection.PNG	63.8 KB	11/09/2018	Wolf-Henning Kusber
picture294-1.png	44.8 KB	12/10/2018	Wolf-Henning Kusber
picture267-1.png	34.3 KB	12/10/2018	Wolf-Henning Kusber

picture267-2.png	49.1 KB	12/10/2018	Wolf-Henning Kusber
picture110-1.png	42.3 KB	12/19/2018	Wolf-Henning Kusber