

## EDIT - feature request #8155

### SpecimenTypeDesignationEditor: allow choosing the typified name from the homotypical group for specific type status

02/28/2019 09:42 PM - Andreas Kohlbecker

<b>Status:</b>	Feedback	<b>Start date:</b>	
<b>Priority:</b>	New	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Müller	<b>% Done:</b>	0%
<b>Category:</b>	cdm-vaadin	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Unassigned CDM tickets		
<b>Severity:</b>	normal		

#### Description

In case of lecto-, epit- and neo-types the SpecimenTypeDesignationEditor should selecting the typified name from the homotypical group.

In case of these types the basionym is existing should be chosen as default for the typified name field.

#### Open questions:

- What if the name has orthographic variants? Should these also be selectable as typified name?

#### Consequences:

- The RegistrationDTO, TypeDesignationSetManager and TypeDesignationWorkingSet are designed to handle only one typifiedName! These properties need to be extended to return a Collection instead
- What is the impact on the rest of the application? Where could the assumption that there is only one typified name cause problems?

#### Example:

<http://api.phycobank.org/phycobank/app/registration#/workingset/1e1ea80f-4929-4d83-ab35-ae0391e1275b>

The screenshot shows the 'Registration Workingset Editor' interface. At the top, it displays the title 'Registration Workingset Editor' and a mouse cursor. Below the title, there is a header for the current registration: 'Guiry, M.D.R., Nomenclatural notes on two chain-forming marine diatoms described by O.F. Müller in Notulae Algarum 92: 1-3. 2019'. To the right of this header, it shows 'Created 2019-02-22' and 'Published 2019'. The main area is titled 'Registrations' and contains a list of registration entries. Each entry has a status (e.g., 'Published', 'Ready'), a curator icon, a name field, a type field, and a description. The first entry is 'Achnanthes armillaris (O.F.Müll.) Guiry' with type 'Syntype localities: Denmark: Sjælland; Sweden: Skåne. Lectotype, [icon] pl. III: fig. 6'. The second entry is 'Linnaeus, C., Sp. Pl. 1753: 1164 Conferva L.' with status 'Ready'. The third entry is 'Müller, O.F., Strand-pärlebandet och armband, tvåanne microscopika strandväxter. in Svenska Vetenskaps-Akademiens Handlingar., ser. 2, 4: 80-85, pl. III: fig. 1-7. 1783: 84, pl. III: fig. 6, 7 Conferva armillaris O.F.Müll.' with status 'Published'. The fourth entry is 'Melosira inflexa (Roth) Guiry' with type 'Germany, "Ad mare septentrionale Ducatus Oldenburgici prope Eckwarden", 53°36'N, 8°15'36'E. Lectotype, [icon] pl. V, fig. 5 in Roth, A.W., Catalecta botanica quibus plantae novae et minus cognitae describuntur atque illustrantur. fasc. 1: [i]-viii, [1]-244. 1797'. At the bottom, there is a form to 'Add a new registration for a' with buttons for 'new name' or 'existing name' and a dropdown menu.

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## History

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### #1 - 02/28/2019 09:47 PM - Andreas Kohlbecker

- File *picture180-1.png* added
- Description updated

For how urgent do you consider this feature, Henning? I guess this situation will occur quite frequently?

### #2 - 02/28/2019 09:47 PM - Andreas Kohlbecker

- Status changed from *New* to *Feedback*
- Assignee changed from *Andreas Kohlbecker* to *Wolf-Henning Kusber*

### #3 - 04/12/2019 10:33 AM - Wolf-Henning Kusber

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

Agreed: if the basionym is existing this name should be chosen as default for the typified name field. In general, we decided to link the type to the valid name with priority with correct spelling.

In a perfect world it looks like this:

Name (corrected) –Holotype/Isotype  
Name as published (orthographic variant)

Name (corrected)  
Name (orthographic variant)  
Basionym OR Replaced synonym (corrected) – Lectotype, Neotype, Epitype etc.  
Basionym OR Replaced synonym (orthographic variant)

Name (corrected) - Holotype  
Name (orthographic variant)  
Invalid name

In the real world the following exceptions can occur (thus we have to handle them)

After registration, it can turn out that a name published is an orthographic variant, although the type is already linked to it.

After registration, it can turn out that a name published turns out to be invalid and has to be validated, although the type is already linked to it.

Conclusion:

From a curator's perspective it would be perfect to enable to change the typified name within a homotypic group in case it turns later out that a type has been linked to the wrong name.

If this could be possible by selecting the correct "typified name" it might be good to include orthographic variants into the selection.

If a later change of the typified name would be allowed for the curator, this feature would not be urgent (because the case explained above could be fixed at any time later).

Treatment of invalid names with linked types. Two possibilities (i) to switch this type to the validating = valid name OR (ii) to put in a type for the valid name and to think about how to handle the intended type of a designation (invalid name). The intended name could be ignored for the data output. However, this is a point to discussion.

### #4 - 02/22/2022 10:49 AM - Andreas Kohlbecker

- Assignee changed from *Andreas Kohlbecker* to *Andreas Müller*

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## Files

picture180-1.png	127 KB	02/28/2019	Andreas Kohlbecker
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