EDIT - task #7369

Handle taxonomically valueless taxa correctly

04/25/2018 01:05 PM - Andreas Müller

Status:	Closed		**Start date:**	
Priority:	Priority13		**Due date:**	
Assignee:	Andreas Müller		**% Done:**	100%
Category:	cdmadapter		**Estimated time:**	0:30 hour
Target version:	Euro+Med Migration			
Severity:	normal			

Description

Currently 268 taxa in E+M have an IsExcludedMarker with IsExcludedExtension "not accepted: taxonomically valueless local or singular biotype" or "provisional: probably a taxonomically valueless local or singular biotype"

In the BM dataportal this is shown as the taxon status (e.g. http://ww2.bgbm.org/EuroPlusMed/PTaxonDetail.asp?NameCache=Rubus%20trachyadenes&PTRefFk=7300000).

These taxa do not have parent taxa.

We need to decide how to store this information.

Solutions:

1) Adding 2 marker types and the information as markers
2) Using extensions or annotations with the given full text
3) extend the doubtful flag to an enumeration to allow multiple states like "doubtful","taxonomically valueless","probably taxonomically valueless", ...

Also we need to decide if these taxa should be included in the taxon tree somehow.

Currently only those taxa having synonyms or misapplied names are attached to the tree (as root taxa) - need to check why.

taxa in BM

```
SELECT  n.FullNameCache,  pt.*
FROM  PTaxon AS pt INNER JOIN Name n ON n.NameId = pt.PTNameFk
WHERE (pt.IsExcludedExtension IS NOT NULL) OR (pt.IsExcludedMarker = 1)
ORDER BY pt.IsExcludedExtension
```

Note: These taxa may have synonyms and 1x even a misapplied name

```
SELECT  acc.FullNameCache, syn.FullNameCache syn,  rel.RelPTaxonId, rel.RelQualifierFk, pt.
PTNameFk, pt.PTRefFk, pt.Detail, pt.RIdentifier, pt.IdInSource, pt.StatusFk, pt.DoubtfulFlag, pt.
NamePhrase, pt.UseNameCacheFlag, pt.Created_When, pt.Updated_When,
                      pt.Created_Who, pt.Updated_Who, pt.Notes, pt.PublishFlag, pt.TreeIndex,
pt.IndexNameString, pt.InMCLArea, pt.FamilyCache, pt.LastScrutinyFk, pt.SpeciesExpertFk, pt.
IsExcludedMarker, pt.IsExcludedExtension,
                      pt.UUID
FROM          PTaxon AS pt INNER JOIN
                      RelPTaxon AS rel ON rel.PTNameFk2 = pt.PTNameFk AND rel.PTRefFk2 = pt.
PTRefFk
                      INNER JOIN Name syn ON syn.NameID = rel.PTNameFk1
                      INNER JOIN Name acc ON acc.NameId = rel.PTNameFk2
WHERE  (pt.IsExcludedExtension IS NOT NULL) OR (pt.IsExcludedMarker = 1)
ORDER BY pt.IsExcludedExtension, acc.FullNameCache
```

In the publication script they are all set to publish = 1

Also have in mind that they need to be exported to PESI.

Related issues:

Precedes EDIT - feature request #8285: Handle taxonomically valueless taxa in...   **New**

Associated revisions

Revision 961bb5d1 - 04/25/2018 01:59 PM - Andreas Müller

ref #7369 implement taxonomically valueless taxa with markers

Revision 5f492efb - 04/26/2018 02:42 PM - Andreas Müller

ref #7369 add uuids for taxonomic valueless marker to BM transformer

Revision 9d9a4a86 - 04/26/2018 02:43 PM - Andreas Müller

ref #7369 remove unwanted commits

History

#1 - 04/25/2018 01:12 PM - Andreas Müller

- *Description updated*

#2 - 04/25/2018 01:24 PM - Andreas Müller

- *Description updated*

#3 - 04/25/2018 01:28 PM - Andreas Müller

- *Description updated*

#4 - 04/25/2018 02:15 PM - Andreas Müller

first implementation with markers now available

#5 - 04/25/2018 02:15 PM - Andreas Müller

- *Status changed from New to In Progress*

- *Priority changed from New to Highest*

- *% Done changed from 0 to 40*

#6 - 05/09/2018 03:20 PM - Andreas Müller

- *Estimated time set to 2:00 h*

#7 - 05/29/2018 06:46 PM - Andreas Müller

- *Description updated*

#8 - 05/29/2018 06:56 PM - Andreas Müller

- *Description updated*

#9 - 05/29/2018 07:01 PM - Andreas Müller

- *Description updated*

#11 - 05/29/2018 07:03 PM - Andreas Müller

- *Description updated*

#12 - 09/20/2018 03:52 PM - Andreas Müller

- *Target version changed from Euro+Med Portal Release to Euro+Med Migration*

#13 - 09/29/2018 12:56 AM - Andreas Müller

- *Description updated*

#14 - 09/29/2018 12:57 AM - Andreas Müller

- *Subject changed from [E+M] Handle taxonomically valueless taxa correctly to ERS: Handle taxonomically valueless taxa correctly*

- *Priority changed from Highest to Priority13*

#15 - 09/29/2018 01:26 AM - Andreas Müller

ERS (2015-08-15):

zum Thema Rubus lässt sich sagen:

die 19 Taxa, die im Baum direkt unter Plantae included sind (so sieht es jedenfalls aus), gehören zu einer Gruppe von insgesamt 232 Rubus-Taxa. Die anderen scheinen als orphaned importiert worden zu sein, warum diese 19 nicht orphaned sind, verstehe ich nicht. Ich sehe keinen Unterschied zu den anderen Rubus dieser Gruppe.

Hintergrund: diese Taxa sollen zwar über die Suche gefunden werden, aber nicht Bestandteil des Taxon Tree sein, also über das Browsen nicht zu finden sein. So ist es im Berlin-Model implementiert: Diese Arten haben keine Eltern, sondern hängen "in der Luft", sind aber akzeptiert. Wenn man also im Portal danach sucht, erhält man den Namen und die Verbreitung angezeigt, zusammen mit der Nachricht NOT ACCEPTED: TAXONOMICALLY VALUELESS LOCAL OR SINGULAR BIOTYPE

etwa Rubus abietinus Sudre http://ww2.bgbm.org/EuroPlusMed/PTaxonDetail.asp?NameCache=Rubus%20abietinus&PTRefFk=7300000

Wenn ich es richtig verstehe, werden ja orphaned taxa im CDM eigentlich nicht unterstützt, oder? Jedenfalls kann man sie mit dem EDITor zwar finden, aber nicht editieren (da erhält man eine Fehlermeldung). Insofern ist die jetzt für die 19 Taxa implementierte Lösung, sie allesamt direkt unter Plantae zu hängen, gar nicht so schlecht, denn sie sollen eben nicht neben den anderen Rubus-Taxa stehen. Jedenfalls wüsste ich nicht, was man sonst mit ihnen machen soll. Eventuell kann man sie innerhalb der Plantae unter eine Zwischenstufe hängen wie "Rubus biotypes" oder so ähnlich.

#16 - 05/19/2019 09:43 PM - Andreas Müller

- Precedes feature request #8285: Handle taxonomically valueless taxa in data portal added

#17 - 05/19/2019 09:43 PM - Andreas Müller

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

- Subject changed from ERS: Handle taxonomically valueless taxa correctly to Handle taxonomically valueless taxa correctly

- Status changed from In Progress to Resolved

- % Done changed from 40 to 90

- Estimated time changed from 2:00 h to 0:30 h

The taxa are now all exported to a common root taxon "Valueless". They can be moved somewhere else after import if necessary.

We still need to implement how they should show up in the data portal.

#18 - 09/17/2021 03:34 PM - Andreas Müller

- Status changed from Resolved to Closed

- % Done changed from 90 to 100

An example for a "valueless" taxon in CDM is https://www.europlusmed.org/cdm_dataportal/taxon/6a572ecd-f989-44a2-96ce-54d8141b3c0d.

Final work needs to be done in dataportal, handled by #8285