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**Started on** Tuesday, 28 November 2017, 9:23 AM

**State** Finished

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**Time taken** 27 secs

**Grade** 7.00 out of 7.00 (100%)


**Question 1**

Correct

Mark 1.00 out of  
1.00

When will a taxon name have ambiguous matches in the WoRMS taxon match tool (WoRMS), i.e. multiple matches are possible? In case of...

Select one:

- ☐ a. Scientific name is not accepted
- ☐ b. near\_1 match type
- ☒ c. Homonyms  Correct. The same genus-species combination can exist in different Kingdoms.
- ☐ d. Typing error

The correct answer is: Homonyms

## Question 2

Correct

Mark 1.00 out of  
1.00

The dataset you are processing contains the taxon name *Dinophysis intermedia* (scientificNameID = urn:lsid:marinespecies.org:taxname:844470) for which the accepted name is *Dinophysis fortii* (scientificNameID urn:lsid:marinespecies.org:taxname:109624). What do you fill out as scientificName and scientificNameID?

Select one:

- ☐ a.
- scientificName: the accepted name *Dinophysis fortii*
  - scientificNameID: the LSID of the unaccepted name urn:lsid:marinespecies.org:taxname:844470
- ☒ b.
- scientificName: the unaccepted name *Dinophysis intermedia*
  - scientificNameID: the LSID of the unaccepted name urn:lsid:marinespecies.org:taxname:844470
- ✓ Correct!
- ☐ c.
- scientificName: the unaccepted name *Dinophysis intermedia*
  - scientificNameID: the LSID of the accepted name urn:lsid:marinespecies.org:taxname:109624
- ☐ d.
- scientificName: the accepted name *Dinophysis fortii*
  - scientificNameID: the LSID of the accepted name urn:lsid:marinespecies.org:taxname:109624

Your answer is correct.

You should provide the taxon name as recorded in the dataset even if it is not the valid name. OBIS uses WoRMS as its taxonomic backbone and can get the accepted name and all other taxonomic information from there. Using the original name ensures traceability (you store the same as the one which was originally recorded). Moreover taxonomy is not stable: a taxon name which is considered to be an invalid synonym of one species today, may be a valid taxon name tomorrow; using the original name ensures that you don't need to modify the dataset every time taxonomy changes.

The correct answer is:

- scientificName: the unaccepted name *Dinophysis intermedia*
- scientificNameID: the LSID of the unaccepted name urn:lsid:marinespecies.org:taxname:844470

### Question 3

Correct

Mark 1.00 out of  
1.00

The OBIS quality control process focuses on:

Select one:

- ☐ a.  
Checking for possible errors in the species nomenclature.
- ☐ b.  
Uploading the data into the IPT.
- ☒ c. Checking for possible errors in taxonomy, geographic coordinates, depth, and data formats. ✓
- ☐ d.  
Checking the number of records present in an Occurrence Core file.

The correct answer is: Checking for possible errors in taxonomy, geographic coordinates, depth, and data formats.

### Question 4

Correct

Mark 1.00 out of  
1.00

Taxon names that do not match with WoRMS should:

Select one or more:

- ☒ a.  
be added to scientificName without a scientificNameID, but the name should be checked against other authoritative species registers, and if found be sent to the data management team of WoRMS (info@marinespecies.org) in order for the name to be added to WoRMS. ✓
- ☐ b. be replaced by another (correct) name that is in WoRMS.
- ☐ c.  
be added to taxonRemarks and the scientificName field should be left empty in the occurrence file.
- ☐ d.  
be submitted to the WoRMS taxonomic editor responsible for the taxon group, so he or she can add the name to WoRMS. Note that the scientificName field can hold names that are not in WoRMS and the WoRMS LSID can be added later in a new dataset version.

The correct answer is:  
be added to scientificName without a scientificNameID, but the name should be checked against other authoritative species registers, and if found be sent to the data management team of WoRMS (info@marinespecies.org) in order for the name to be added to WoRMS.

**Question 5**

Correct

Mark 1.00 out of  
1.00

You always need to correct occurrences with geographic coordinates located on land.

Select one:

- ☐ True
- ☒ False ✓

Correct! You should first get in contact with the data provider and ask him/her to review and update the geographical coordinates if necessary. It is important that the original source file is corrected first. Note also that there are several reasons why a record can fall on land, e.g. the midpoint of a WKT, midpoint of an island, only the name of the country is provided and that country borders more than one sea, the species is a seabird, fossil record, etc..

The correct answer is 'False'.

**Question 6**

Correct

Mark 1.00 out of  
1.00

The errors in taxon names should be fixed by the Node Data Managers

Select one:

- ☐ True
- ☒ False ✓

Correct! You should only correct or update datasets with the consent of the original data provider.

The correct answer is 'False'.

**Question 7**

Correct

Mark 1.00 out of  
1.00

When a Scientific Name is in WoRMS, but the taxonomic status is unaccepted (synonym), I can use the WoRMS LSID of the unaccepted name.

Select one:

- ☒ True ✓
- ☐ False

Correct. OBIS indeed uses the information from WoRMS and will add occurrences to the current accepted name.

The correct answer is 'True'.