

**DL6.1 Annex 1: General criteria for the establishment & maintenance of the Q-collect network for service reference collections and working collections**

Criterion	in service reference collection	in working collection	comment
Acting in compliance with the CBD <sup>1</sup> and the Nagoya <sup>2</sup> protocol (latest valid version of the conventions) or other applicable legal requirements	required	required	Has to be confirmed by the network member when joining the network (terms of reference) by signature (e.g. consortium agreement, consortium charta)
Includes samples of phytosanitary organisms listed in the annexes of EU Directive 2000/29/EC <sup>3</sup> and the EPPO-lists <sup>4</sup> (A1, A2, Alert list and invasive plant species list) and those organisms which might interfere with the correct identification of these target organisms - by sharing important diagnostic features or - being taxonomically related or - residing in the same biologic niche, on the same plants and confusable with the target organism or - being connected to the same commodity	required	required	
Delivers and/or loans certified reference organisms/material to third parties ( e.g. to other service reference collections, to working collections, to other third parties/users) through application of a standard quality system for collections, which guarantees the authenticity of reference material	required	optional	<u>Certified reference material:</u> this is reference material derived from a source that certifies the authenticity of the material. Preferably material should come from an internationally recognised source such as a national reference collection. It should go together with a unique identification code allowing traceability and the name of the person who certifies its authenticity. Details of how the material was authenticated should also be supplied. If appropriate, information about its activity (e.g. pathogenicity, antigenic properties) under specified conditions should also be supplied along with any related uncertainty at a stated level of confidence (EPPO PM 7-84) <sup>5</sup> . <b>For more details see</b> Q-Collect-DL6.1 Annexes 2.1, 2.2., 2.3, 2.4 and 2.5

<sup>1</sup> CBD: Convention on Biological Diversity <https://www.cbd.int/convention/>

<sup>2</sup> Nagoya protocol: <https://www.cbd.int/abs/>

<sup>3</sup> EU Directive 2000/29/EC: [http://ec.europa.eu/food/plant/plant\\_health\\_biosecurity/legislation/index\\_en.htm](http://ec.europa.eu/food/plant/plant_health_biosecurity/legislation/index_en.htm)

<sup>4</sup> EPPO-lists: <http://www.eppo.int/QUARANTINE/listA1.htm>; <http://www.eppo.int/QUARANTINE/listA2.htm>;  
[http://www.eppo.int/QUARANTINE/Alert\\_List/alert\\_list.htm](http://www.eppo.int/QUARANTINE/Alert_List/alert_list.htm); [http://www.eppo.int/INVASIVE\\_PLANTS/ias\\_lists.htm](http://www.eppo.int/INVASIVE_PLANTS/ias_lists.htm)

Generates metadata on reference organisms (e.g. isolate, culture, specimen collector, date of collection, locality, ecology ... dependent on taxonomic group)	optional	required	The data which will have to be delivered from the working collection to the service reference collection when a reference organisms is deposited will be different for the different taxonomic groups, however specific data will be obligatory (minimum requirements)
Delivers metadata on reference organisms (e.g. isolate, culture, specimen collector, date of collection, locality, ecology dependent on taxonomic group) to third parties	required	optional	
Provides new reference organisms/material (after research) to service reference collections for distribution to third parties/users	optional	required	<u>Reference material:</u> Live cultures are most commonly used, but other material such as infected plant material, DNA/RNA preparations, images of a diagnostic quality or mounted specimens including insects, mites, nematodes or fungal spores may be considered. The reference material used should be documented and appropriate for the test and diagnosis being performed. It should be ensured that the reference material used has the features for which it was selected. These features can include expressing a desired antigen for use in serological diagnosis, or displaying specific physical features (e.g. sporulation) if the reference material used for morphological diagnosis (adapted from EPPO PM 7-84). <sup>5</sup>
expertise for the initial identification as backup of the service collection required	optional	required	
Minimum data requirements have to be fulfilled for depositing an organisms in a service reference collection	required	required	more data can be available in the working collection, but are not subject to be provided to the service reference collection

<sup>5</sup> EPPO Standard PM 7/84(1). Basic requirements for quality management in plant pest diagnosis laboratories  
<http://archives.eppo.int/EPPOStandards/diagnostics.htm>