



Result of the Questionnaire on Q-bank

THIRD EPPO WORKSHOP FOR HEADS OF PLANT PEST
DIAGNOSTIC LABORATORIES

Rome 2015-09-10/11

Background on Q-bank

- Database on quarantine pests (including invasive plants)
- Started as the result of a Dutch project to strengthen the plant health infrastructure
- Launched in 2010
- 2012 NL NPPO requested to the EPPO Council that this database could be hosted within EPPO in the future.
- Possibility discussed at different Executive Committee and Council meetings since 2012.

Background on the survey

- April 2015, recommendation by the EPPO Executive Committee that the Workshop of Heads of Laboratories should be asked to consider the potential benefits of a project to bring Q-bank into the framework of EPPO in the medium term (3-5 years) and integrate the valuable data from Q-bank into EPPO systems over a longer timeframe (up to ten years).
- June 2015 The Working Party on Phytosanitary Regulations recommended that all laboratories involved in official diagnostics should be consulted and not only those participating in the Workshop.
- EPPO Secretariat launched an online questionnaire on 2015-07-30 deadline to answer 2015-09-02.

Results

Link to the survey sent by email on 2015/07/30 to 75 laboratories registered in the EPPO database (main email contact provided by the laboratory)

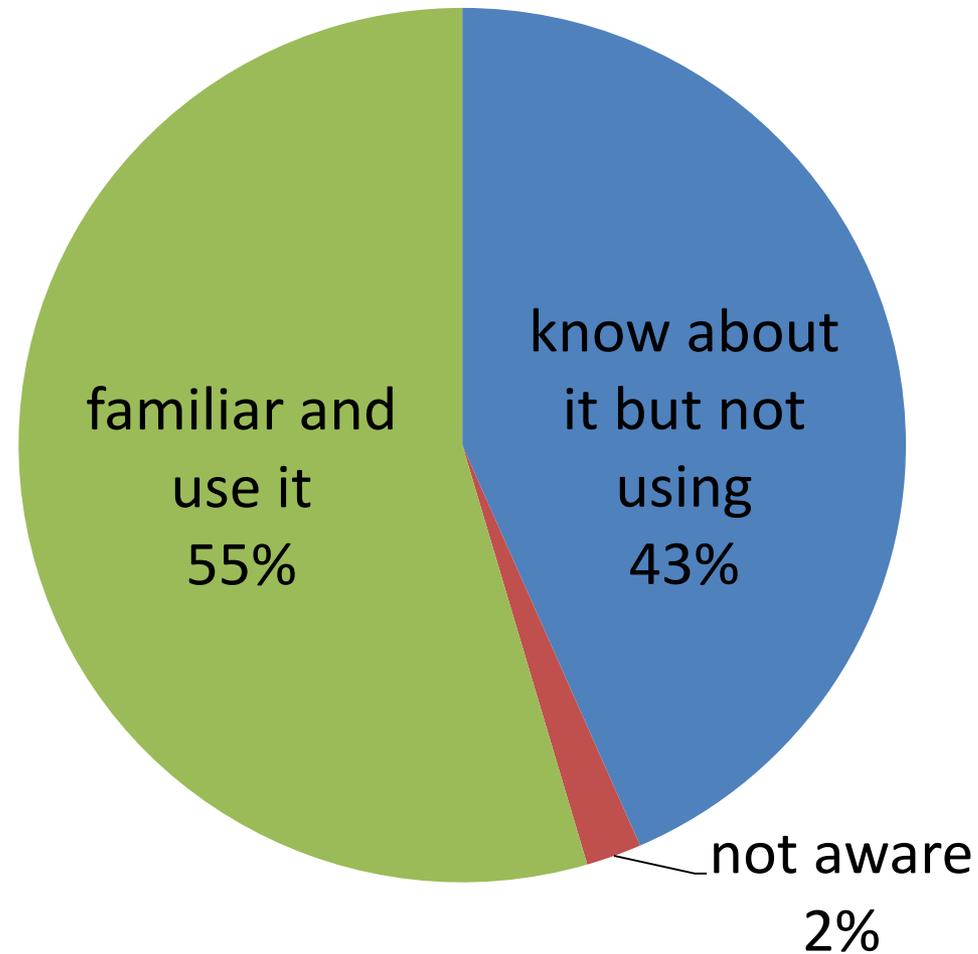


44 laboratories answered (one laboratory answered for each discipline so 46 answers registered)

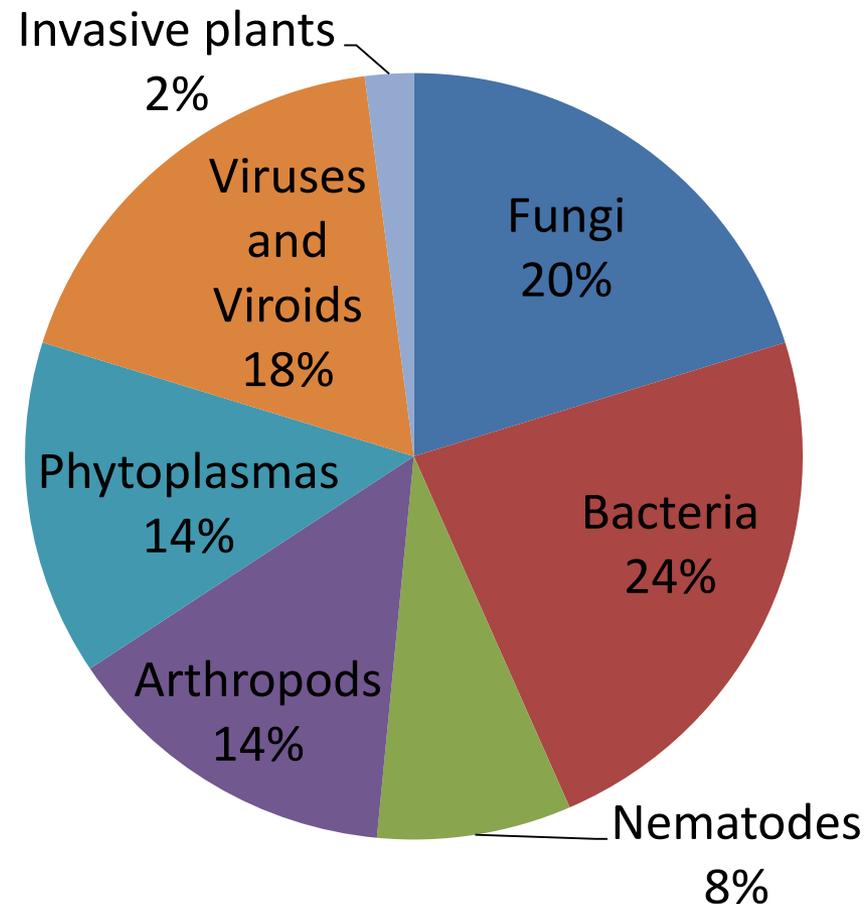
Response rate

68 %

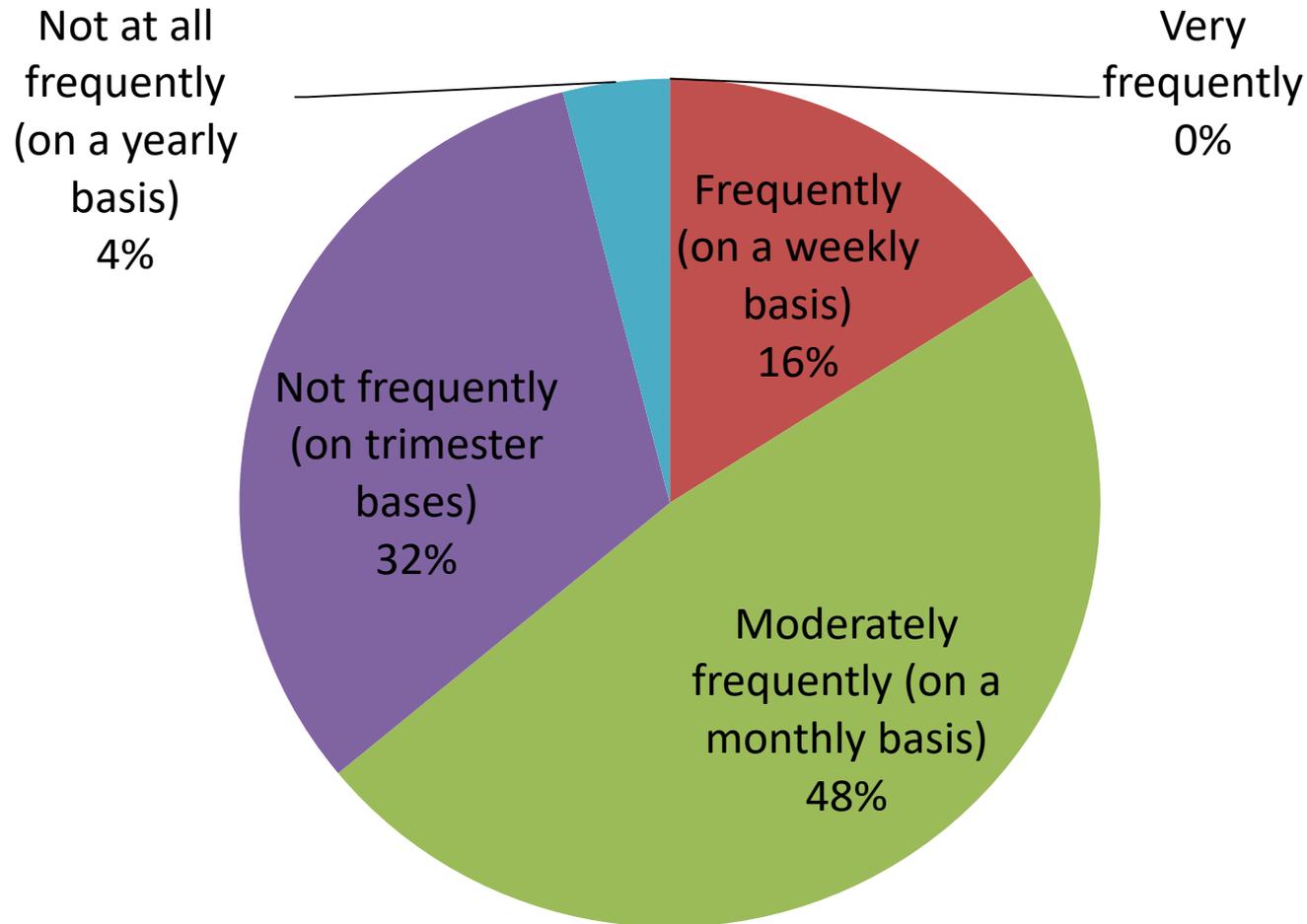
Are experts in your laboratory familiar with the Q-bank databases?



Which databases from Q-bank are used by the experts in your laboratory?
(for those using Q-bank 84 answers in total)



For those databases, on average, how often do they consult/use the database

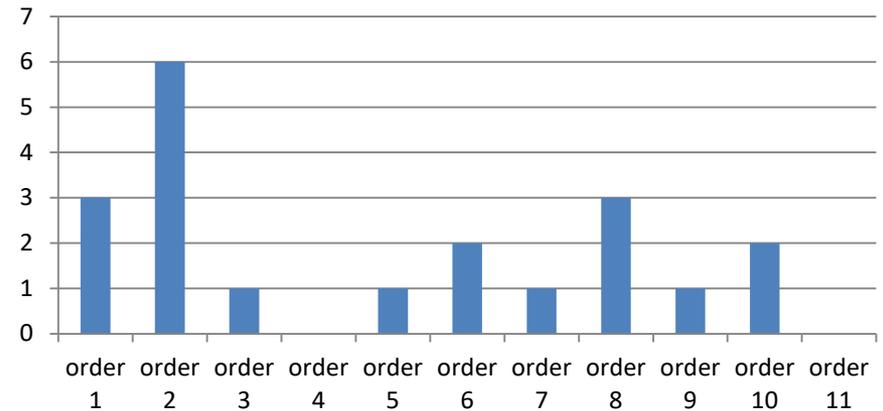


Main reasons to consult the database

Blasting sequences



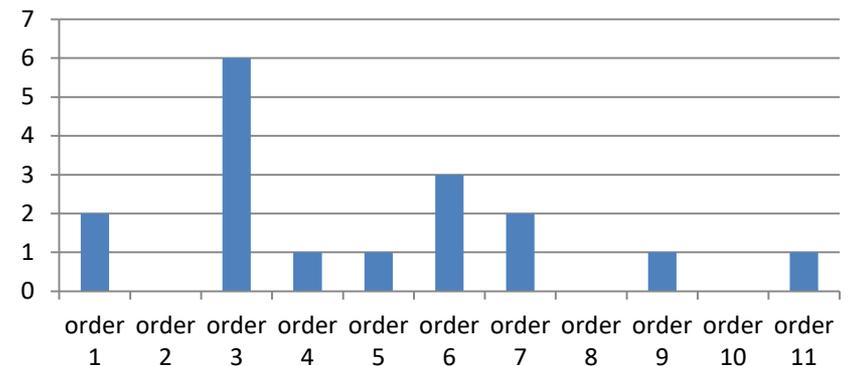
Protocols for barcoding



Information on where to find biological material



Information on morphological identification



Main reasons to consult the database

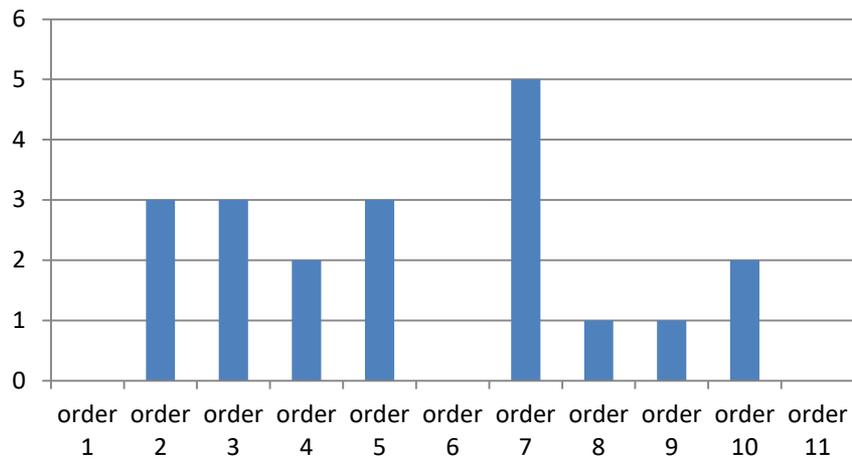
Possibility to access identification keys or tools



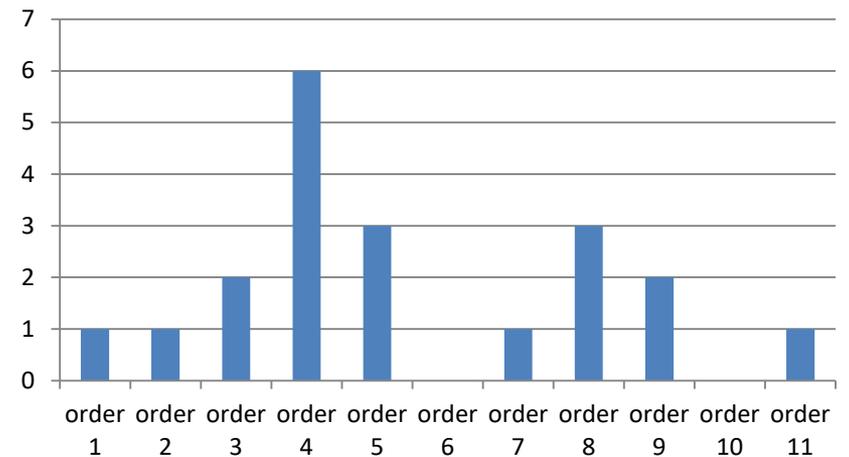
Information on taxonomy



Pictures

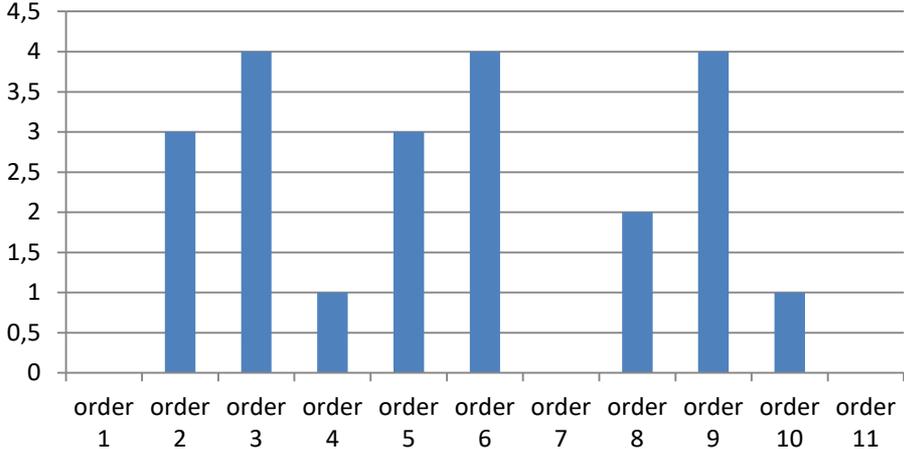


Host range of pests

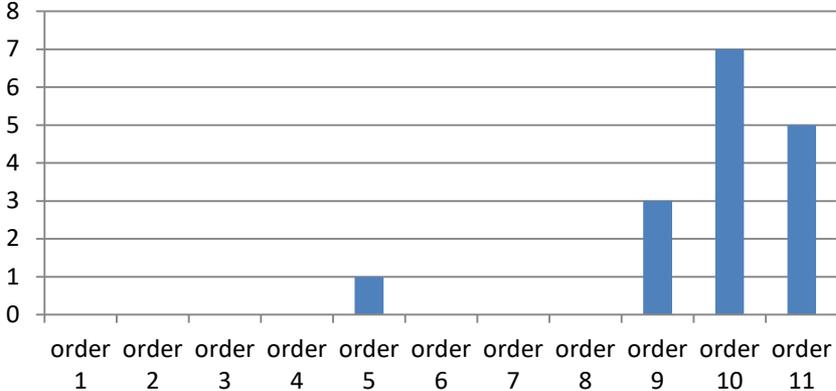


Main reasons to consult the database

Geographical distribution



Control (for the database on invasive plants)



Main findings for the EPPPO Sec

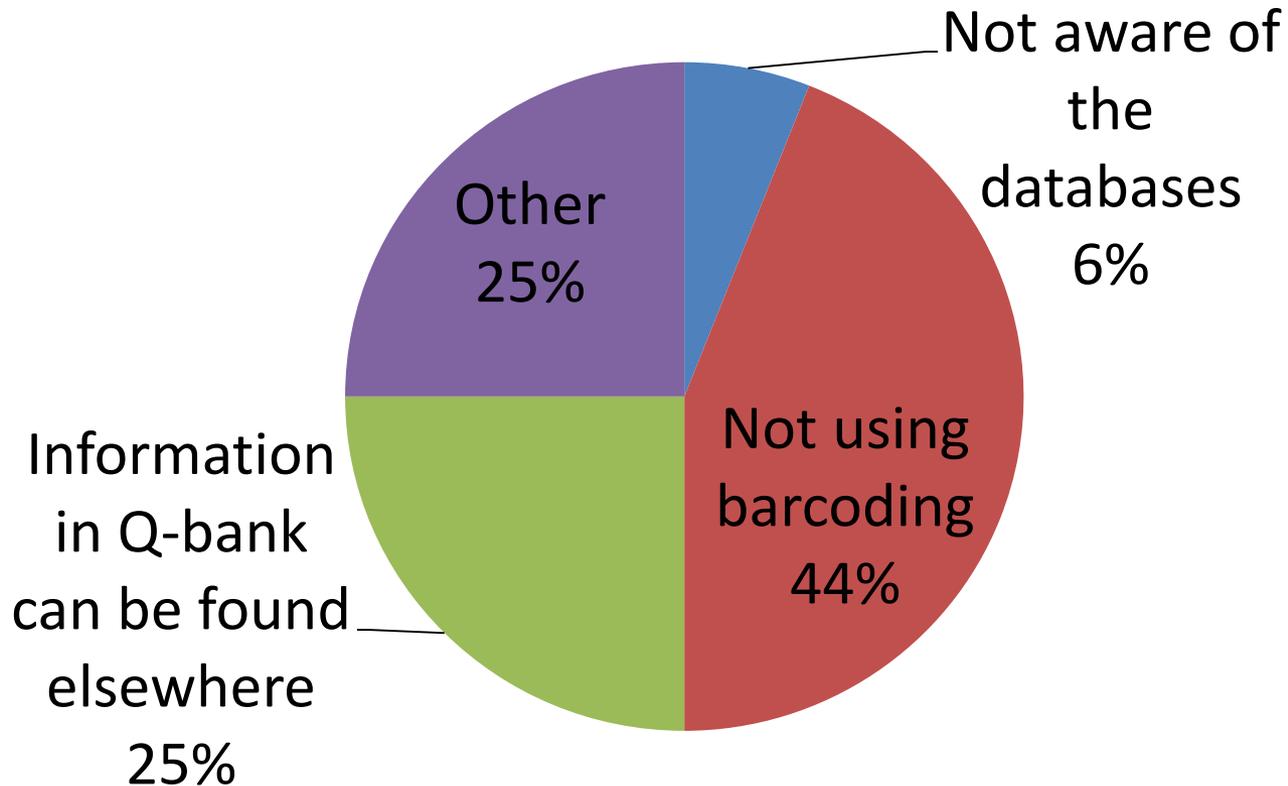
The main use of the database is

- Blasting
- Barcoding protocols
- Where to find biological material?

Other use reported but less important

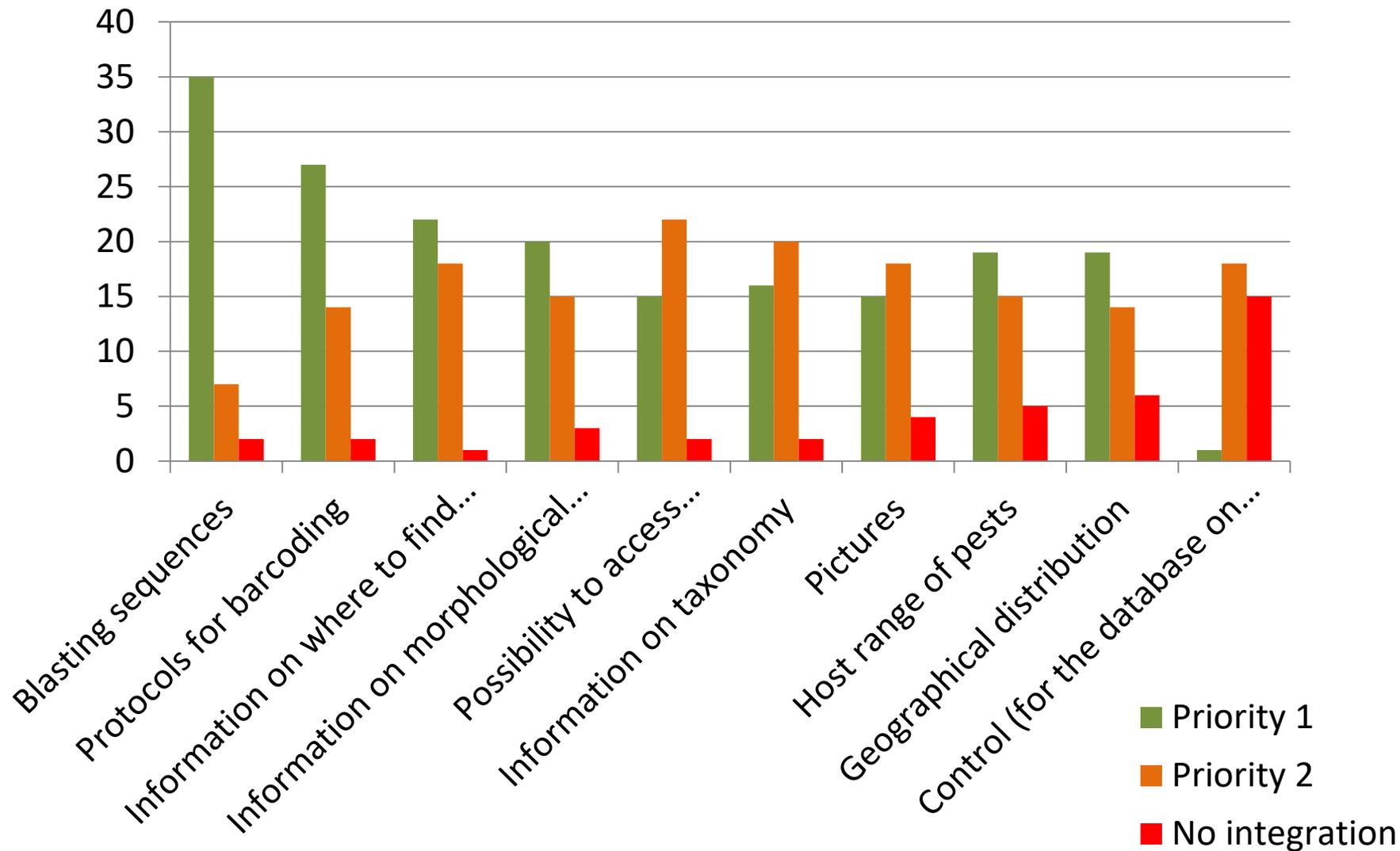
- Keys
- Geographical distribution
- Host range
- Pictures

What are the main reason for experts not to consult the databases?



Other: limited resources

Priority given to integration of content over the next ten years



Main findings

Highest priority for integration:

1. Integration of DNA sequences for blasting
2. Protocols for barcoding
3. Where to find biological material

Lowest priority for integration:

Information on morphological identification

Keys

Geographical distribution

Host range

Pictures

Which data already exists in EPPO datasets?

Geographical distribution

Host range

Pictures



EPPO GLOBAL DATABASE

EPPO Global Database (beta)

Search... GO

Acidovorax citrulli (PSDMAC)

Overview | Distribution | Distribution map | Hosts | Pathways Hosts | Categorization | Reporting | Photos | Documents

Basic information

EPPO Code: PSDMAC
Preferred name: *Acidovorax citrulli*
Author(s): (Schaad et al.) Schaad, Postnikova, Sechler, Clafin, Vidaver, Jones, Agarkova, Ignatov, Dickstein & Ramundo

Taxonomy

- | Bacteria (1BACTK)
- | --- Proteobacteria (1PROBP)
- | Betaproteobacteria (1BETBC)
- | Burkholderiales (1BURKO)
- | Comamonadaceae (1COMAF)
- | Acidovorax (1ACVRG)
- | Acidovorax citrulli (PSDMAC)

Other scientific names

Name	Author (s)
<i>Acidovorax avenae</i> subsp. <i>citrulli</i>	(Schaad, Sowell, Goth, Colwell & Webb) Willems, Goor, Thielemans, Gillis, Kersters & De Ley
<i>Pseudomonas avenae</i> subsp. <i>citrulli</i>	(Schaad, Sowell, Goth, Colwell & Webb) Hu, Young & Triggs

Common names

no data

Distribution map for *Acidovorax citrulli*

View as png/svg

Contact EPPO | All organisms names | Citing

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Morphological identification

Keys



EPPO Standards on Diagnostics (PM7) for the main QP

Conclusion Focus for integration

1. DNA sequences for blasting
2. Protocols for barcoding
3. Where to find biological material

What are your views????????