E

TWC/34/20
ORIGINAL: English
DATE: May 19, 2016

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

Thirty-Fourth Session
Shanghai, China, June 7 to 10, 2016

SEARCH PLANT: A SEARCH PORTAL TO FACILITATE TRACKING AND TRACING OF ORNAMENTAL VARIETIES

Document prepared by experts from the Netherlands

Disclaimer: this document does not represent UPOV policies or guidance

The Annex to this document contains a copy of a presentation on "Search Plant: A search portal to facilitate tracking and tracing of ornamental varieties" that will be made at the thirty-fourth session of the Technical Working Party on Automation and Computer Programs (TWC).

Abbreviations:

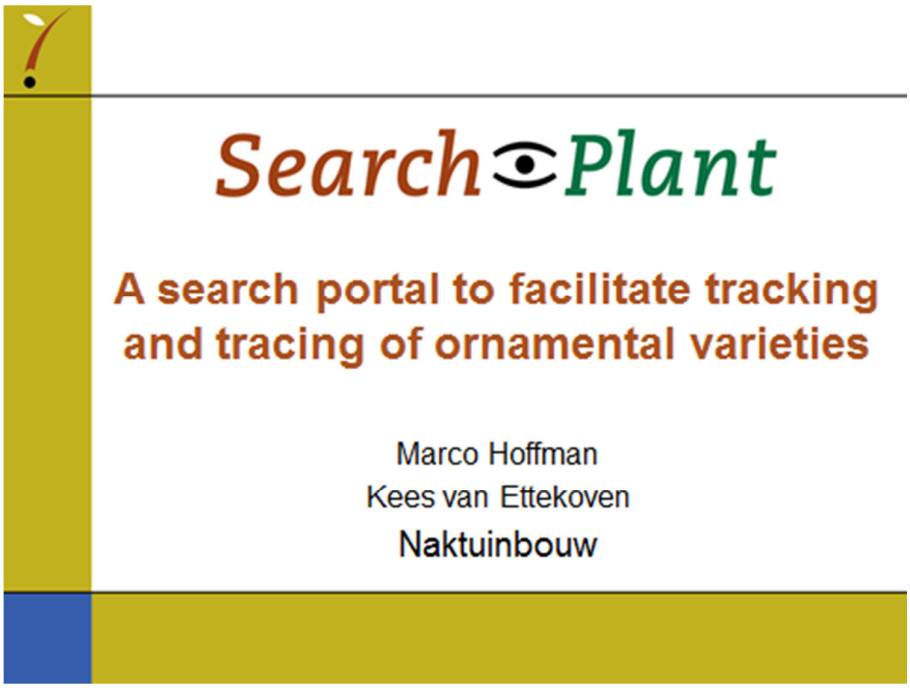
CPVO	Community Plant Variety Office of the European Union
ICNCP	International Code for Nomenclature of Cultivated Plants
KAVB	Royal General Association for Bulb Culture
RHS	Royal Horticulture Society

Marco Hoffman, Crop Expert Ornamentals, Naktuinbouw
Kees van Ettekoven, Head, Variety Registration Department, Naktuinbouw

[Annex follows]

ANNEX

SEARCH PLANT: A SEARCH PORTAL TO FACILITATE TRACKING AND TRACING OF ORNAMENTAL VARIETIES



Content of the presentation

- Introduction
- Plant Reproductive Material law (PRM)
- Existing legislation
- Problems in practice
- Industry initiative?
- Disclosure of existing taxonomic data
- Launch of new portal: Search-Plant

Introduction

- European marketing policy driven by *transparency* for the user and *traceability* of plant material
- New draft European Union (EU) Plant Reproductive Material law (PRM regulation) caused concern for producers and users of ornamental plants
- PRM rejected by European Parliament, but the ideas still exist

Elements from PRM

- PRM where as (31) In order to ensure that all varieties have access to registration and are subject to common rules and conditions rules should be established for the registration of varieties and should apply to varieties of listed genera or species as well as to varieties of non-listed species
- Conclusion: all varieties on the market have to be registered

Elements from PRM (2)

- The statement was later weakened in the text (exclusion of exchange between amateurs, niche-market varieties, registration by supplier possible) but the seed of the idea was sown.
- In the meantime PRM is withdrawn by the EU Commission.
- Existing rules now in focus; DIRECTIVE 98/56/EC on the marketing of propagating material of ornamental plants.
- Article 9: Propagating material may be marketed with a reference to a variety, only if the variety concerned is:

Existing legislation (2)

1. Legally protected by a plant variety right,
2. Officially registered,
3. Commonly known, or
4. Entered on a list kept by a supplier with its detailed description and denomination.

   The lists shall be available, on request, to the responsible official body of the Member State concerned.

Industry initiative?

- To avoid heavy burden on individual suppliers and users, a joint approach could help to avoid undue EU legislation or control measures
- Requirements: a transparent system to enable tracking and tracing. A proper link between variety denomination and description of identity.
- Accessible for users, trade and inspectors

Existing valuable databases

- In various countries and institutes taxonomic acceptable ornamental databases exist.
- In those databases the link between identity and denomination is available and the rules of the EU and/or ICNCP are followed.
- Examples: RHS Find a Plant, PlantScope, CPVO database, KAVB bulb-database, Naktuinbouw databases (incl. List of names of woody plants and perennials).

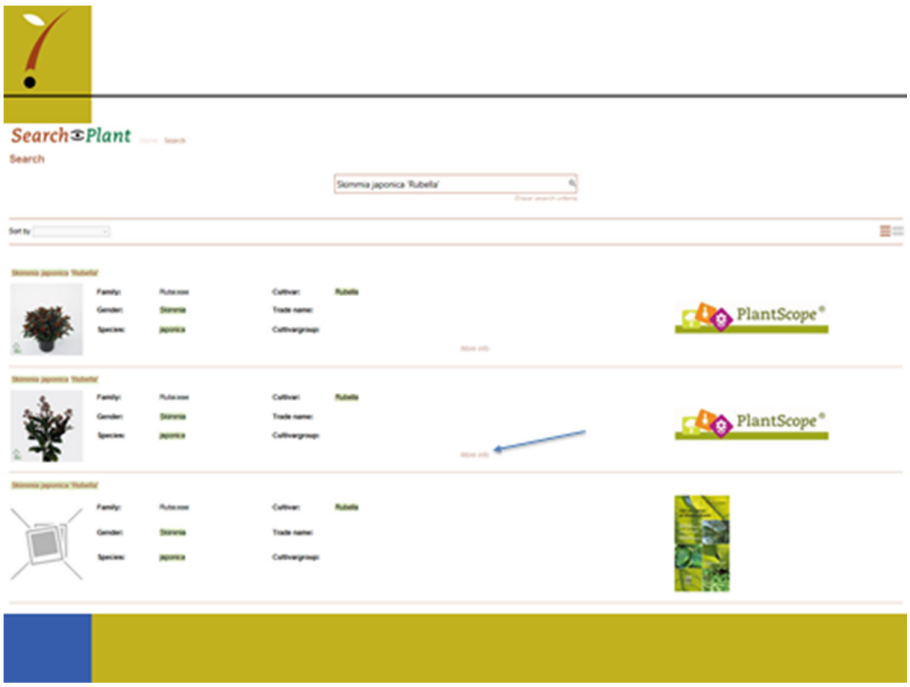
Existing usuable databases (2)

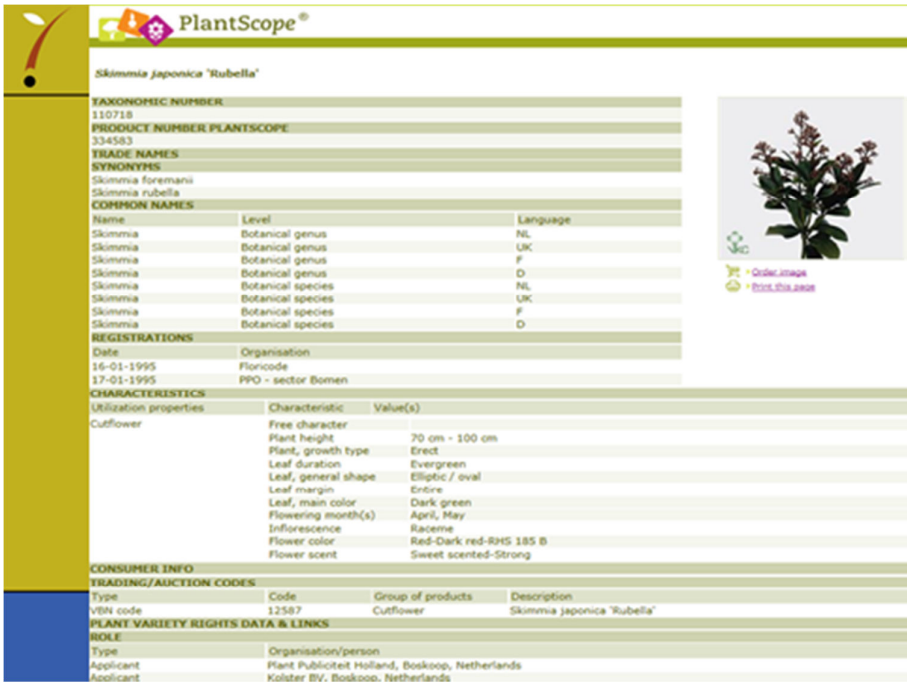
- Existing databases only in stand alone modus approachable.
- Not enough user friendly.
- Alternative:

Portal: SearchPlant

A gateway to information on varieties of ornamental plants


SearchPlant
www.searchplant.eu
SearchPlant
Home
Search
Skimmia japonica 'Rubella'
Gateway to information on varieties of ornamental plants
This search portal gives you access to various databases with information on varieties of ornamental plants. In the descriptions, you will find the properties of the variety including images.
Participating parties:
PlantScope
List of names of woody plants
List of names of perennials
Would you also participate in the portal? Contact Naktuinbouw
PlantScope


SearchPlant
Search
Skimmia japonica 'Rubella'
PlantScope
PlantScope



PlantScope®

Skimmia japonica 'Rubella'

TAXONOMIC NUMBER
110718
PRODUCT NUMBER PLANTSCOPE
334583
TRADE NAMES
SYNONYMS
Skimmia foremanii
Skimmia rubella
COMMON NAMES

Name	Level	Language
Skimmia	Botanical genus	NL
Skimmia	Botanical genus	UK
Skimmia	Botanical genus	F
Skimmia	Botanical genus	D
Skimmia	Botanical species	NL
Skimmia	Botanical species	UK
Skimmia	Botanical species	F
Skimmia	Botanical species	D

REGISTRATIONS

Date	Organisation
16-01-1995	Floricode
17-01-1995	PPO - sector Bomen

CHARACTERISTICS

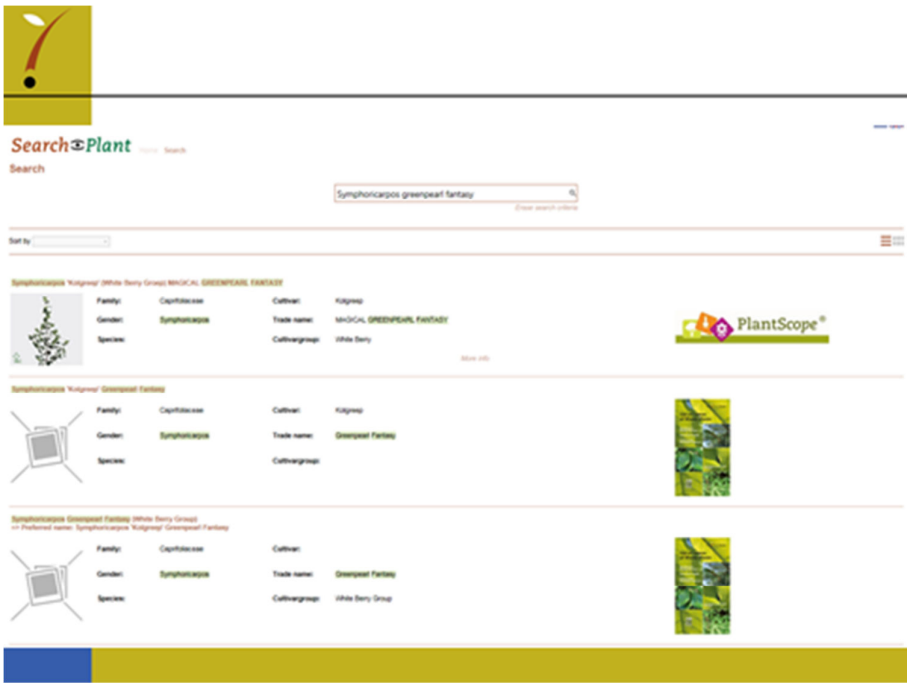
Utilization properties	Characteristic	Value(s)
Cutflower	Free character	
	Plant height	70 cm - 100 cm
	Plant, growth type	Erect
	Leaf duration	Evergreen
	Leaf, general shape	Elliptic / oval
	Leaf margin	Entire
	Leaf, main color	Dark green
	Flowering month(s)	April, May
	Inflorescence	Raceme
	Flower color	Red-Dark red-RHS 185 B
	Flower scent	Sweet scented-Strong

CONSUMER INFO
TRADING/AUCTION CODES

Type	Code	Group of products	Description
VBN code	12587	Cutflower	Skimmia japonica 'Rubella'

PLANT VARIETY RIGHTS DATA & LINKS
ROLE

Type	Organisation/person
Applicant	Plant Publiciteit Holland, Boskoop, Netherlands
Applicant	Kolster BV, Boskoop, Netherlands



Search Plant

Search

Symphoricarpos greenpearl fantasy

PlantScope®

PlantScope®

Symphoricarpos (<....> Group) 'Kolgreep' MAGICAL GREENPEARL FANTASY

Order image
Print this page

TAXONOMIC NUMBER
119194

PRODUCT NUMBER PLANTSCOPE
413683

TRADE NAMES
MAGICAL GREENPEARL FANTASY

SYNONYMS

COMMON NAMES

Name	Level	Language
Sneeuwbes	Botanical genus	NL
Snowberry	Botanical genus	UK
Symphorine	Botanical genus	F
Schneebeere	Botanical genus	D
Bolitas de nieve	Botanical genus	ESP

REGISTRATIONS

Date	Organisation
02-09-1999	Floricode

CHARACTERISTICS

Utilization properties	Characteristic	Value(s)
Decorative material	Free character	
	Leaf type	Foliage leaf
	Leaf size	4 cm - 5 cm
	Leaf, general shape	Ovate (egg-shaped)
	Leaf, main color	Dark green
	Fruit type	Berry
	Fruit color	Green-Pale green-RHS 144 C

CONSUMER INFO

Decorative material	Vase water at tap temperature

TRADING/AUCTION CODES

Type	Code	Group of products	Description
VBN code	16081	Decorative material	Symphoricarpos Magical Greenpearl Fantasy

PLANT VARIETY RIGHTS DATA & LINKS

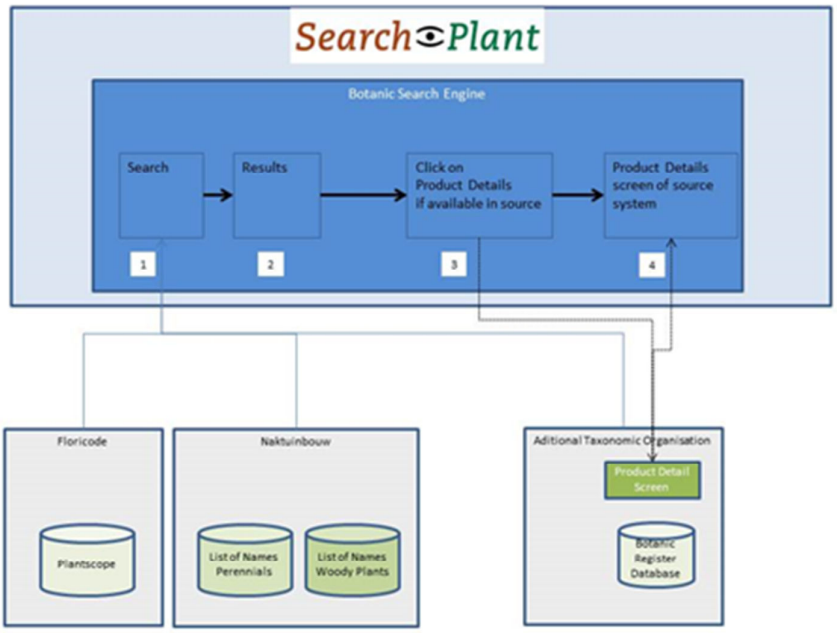
Dutch	Aplication number: SBE0007 ((For more information, search by › cpvoregister.com)
European (CPVO)	File number: 19991066 ((For more information, search by › http://www.cpvoextranet.cpvo.europa.eu/WD150AWP/WD150AWP.exe/CONNECT/ClientEntrance)

ROLE

Type	Organisation/person
Originator/breeder	De Jong-Tazelaar Heelsum

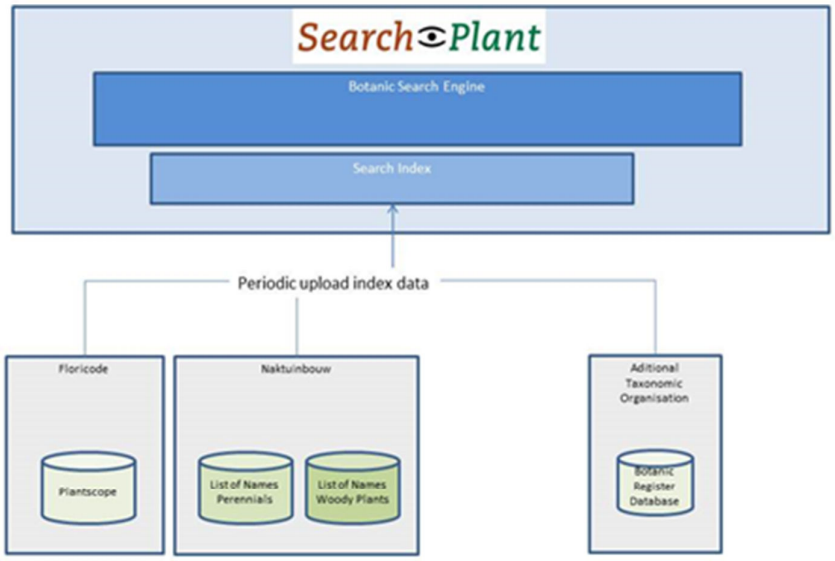
General functionality of Search-Plant

- The registration of a botanical product can be checked by searching the botanical products of the participating organizations.
- The results are presented.
- Click on 'product details', if the source system has a product detail screen that can be presented in SearchPlant
- The **original** product detail screen is presented



General architecture of Search plant

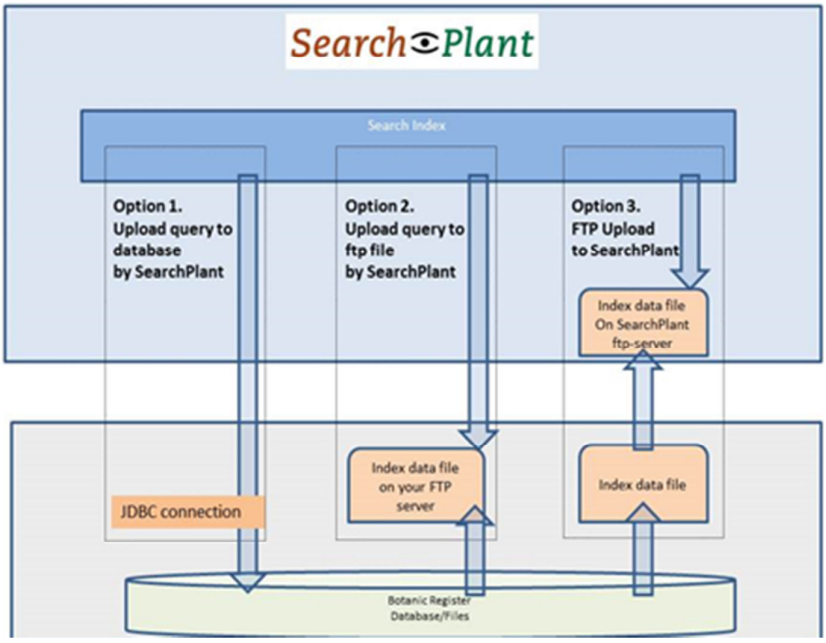
- The Botanic Search Engine uses a ***search index*** on the botanical products. This search index enables Search-Plant to search through different data sources in a standardized and fast way.
- The data in the search index has to be synchronized with the source systems.



Synchronization of search index data

In general 3 options are available for synchronization of index data:

1. Search-Plant queries the source database.
   a. Connection details to be discussed in detail with every specific organization, like:
      i. JDBC-connection
      ii. Firewall settings
2. Search-Plant queries a data file that is available on a ftp-server of the taxonomic organization
   a. Connection details to be discussed in detail with every specific organization
      i. Access to FTP-server
   b. Taxonomic organization has to implement the creation of the data file on ftp-server
      i. Data file in XML or csv
3. Taxonomic organization puts the index data file on ftp-site of Search-Plant. Search-Plant queries this file of its own ftp-server.
   a. Connection details to be discussed in detail with every specific organization
   b. Taxonomic organization has to implement the creation of the data file and push to ftp-server
      i. Data file in XML or csv



Content of data

ID	A unique identifier of all possible search results. *Sometimes you may need to combine or multiply the ID's of the different trade products (e.g. cut flower vs. bulb) and the ID's of the different (synonym) names to obtain a suitable unique identifier. Please Note: products having non-unique identifiers will be skipped!*
Image ID's	(A comma separated string of) image-identifier(s) of the product.
Image url	The URL which can be used to obtain the image(s)
Product-ID	An identifier to be used in the deeplink to the product detail report
Deeplink to the product report	The URL which can be used to obtain the product detail report
Product name	The full name of the product. - Hybrid indicators to be placed at the start of the applicable name parts, - Trade names at the end, followed by the group information, in between brackets. - Cultivar in between quotes *Note: the search engine will use this product name to query the results, not the separate parts of the names*
Trade name	
Genus	Hybrid indicators to be placed at the start of the name
Species	Hybrid indicators to be placed at the start of the name
Subspecies	
Variety	
Forma	
Cultivar	
Cultivar group	
Id of the name	Only applicable if the result concerns a preferred name. The key to be used to find the right name, if synonym names exist.
Id of the preferred name	Only applicable if the result concerns a synonym name. This ID supplies the key to find to the preferred name

[End of Annex and of document]