



Crop Wild Relatives in Poland Checklist, resources, plans

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Dzikie gatunki pokrewne roślinom uprawnym występujące w Polsce Lista, zasoby i zagrożenia



Crop wild relatives occurring in Poland Checklist, resources and threats

> Redakcja / Editors Denise F. Dostatny, Zygmunt Dajdok

CWR in situ in Poland

2020 – checklist of Crop Wild Relatives occuring in Poland has been complied

This study presents a list of plant species classified as crop wild relatives (CWR – commonly known English abbreviation) occurring in Poland.

CWR is a **"wild plant taxon which has an indirect application due to its relatively close genetic relationship with a specific crop"**. Thus, crop wild relatives can be defined as all taxa that belong to the same genera as a specific crop species, or could also be the same species as a specific crop species, on condition that it occurs in the wild.





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CWR in situ in Poland

All taxa (1458 species, aprox. 42% of Polish vascular plants) divided into different groups of useful plants to show in the best way the possibilities for their uses (many species are in few categories):

- plant species important in forestry (includes 65 species)
- plant species important as aromatic plants (445 species)
- plant species important as cosmetic paints (347 species)
- plant species important as forage plants (149 species)
- plant species important as dye and fiber plants (308 species)
- plant species important as edible plants (810 species)
- plant species useful in agrocenoses (213 species)

https://bankgenow.edu.pl/dzikie-gatunki-pokrewne-roslinom-uprawnymwystepujace-w-polsce/





Wild useful plants and CWR in Polish nature protection policy and in tasks of government

- Ministry of Climate and Environment the highest instance for nature protection in Poland, local duties are performer by voivideship nature conservatos -> the activities in the filed of nature protection focus on protected areas (23 national parks, 389 protected landscape areas and other forms)
- Ministry of Agriculture and Rural Development sets tasks and supervises the implementation of genetic resource conservation (National Crop Plant Genetic Resources Protection Program)

<u>CWR *in situ* initiative</u> – lies mainly in the competence of the Minister of Environment, who is obliged to prepare the program for the protection and sustainable use of biological diversity together with an action plan.







Draft - plan for creating CWR – National Inventory in Poland

Regarding to "The development of CWR-NIs" in "Principles for the Inclusion of CWR Data in EURISCO"

- National checklist of CWR done
- Prepare a draft of network
- Identification of crops which CWR will be considered: priority, socioeconomical relevance of crops at the national and the international level for example Avena strigosa, wild celery populations, European lily of the valley populations (well documented and backed-up in long-term conditions)

Wild (Dzikon	osnący) with name 'KM21-893'. Country of
0	Photographs (2)



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Documents (0)

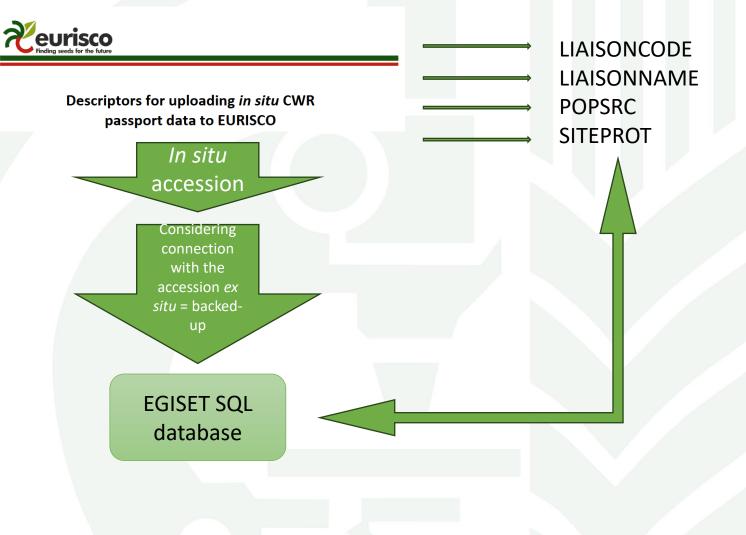
Institute	POL003; Instytut Hodowli i Aklimatyzacji Roślin
Accession Number	508120
Collecting Number	KM21-893
Collecting institute	
Genus	Convallaria
Species	majalis
Species Authority	L
Subtaxa	
Subtaxa Authority	
Common Crop Name	European lily of the valley
Accession Name	KM21-893
Breeding institute	
Acquisition Date	
Country of origin	POL
Location of Collecting Site	Rakowo
Latitude of Collecting Site	53N
Longitude of Collecting Site	016E
Elevation of Collecting Site	158
Collecting Date of Sample	
Biological Status of Accession	Wild (Dzikorosnący)
Ancestral Data	





Draft - plan for creating CWR – National Inventory in Poland

- Preparation of proposal of Crop Wild Relatives *in situ* populations
- Preparation a draft of database structure – plan for developing existing database on the base of "Descriptors for uploading in situ CWR passport data to EURISCO" new and modiffied descriptors







Future plans for developing CWR – National Inventory in Poland

 Adding a module for managing *in situ* CWR data in our EGISET Information System

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Questions:

- According to protected or threatened CWR Do we need another Focal Point for ex. in Ministry of Climate and Environment? How this issue is solved in other countries?
- The issue of creating any other forms of protection for those populations





Thank you for your attention

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