

ECPGR Phase IX – a perspective from the Umbellifer Crops WG

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Umbellifer Crop WG – an introduction

- 43 members from 27 countries
- Remit of 9 crop genera (*Anethum*, *Apium*, *Carum*, *Chaerophyllum*, *Coriandrum*, *Daucus*, *Foeniculum*, *Pastinaca*, *Petroselinum*)
- Phase IX - WG resolved to move from Central Crop Database to EURISCO to streamline updating of collection information
- Enthusiasm for crop portal, no resources available currently



ECPGR Activity Grant Scheme – 2017-2019

CarrotDiverse: Improving the characterisation and conservation of Umbellifer crop wild relatives in Europe

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Violeta Lopes	Banco Português de Germoplasma Vegetal	Portugal
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CarrotDiverse – Expected outputs

	Expected products/results
1	Updated workplan and priorities for Umbellifer Crops WG including recommended practice for viability testing of <i>Daucus</i> CWR
2	Outline of European contribution towards global strategy for the conservation of <i>Daucus</i> CWR
3	Identification of a panel of key <i>Daucus</i> CWR accessions from European genebanks for inclusion in the European Collection
4	Characterisation data (morphology, disease resistance) from three locations for 60 accessions of <i>Daucus</i> CWR and associated genotypic data on these accessions

1. AEGIS is operational: Accessions in AEGIS are characterized and evaluated

- 515 accessions from 3 institutes (DEU146, GBR006, SWE054) flagged in Eurisco
- CarrotDiverse – multi-site characterisation of wild *Daucus* accessions
- Minimum descriptors and quality standards agreed
- Unclear why further accessions not identified



2 Quantity and quality of data in EURISCO....have been increased: Functionality of EURISCO meets users' expectations

- 10024 accessions listed in Eurisco
- Move away from parallel update of EUDB (central crop database)
- Encouraged data submission via National Focal Point
- CarrotDiverse data will be uploaded to Eurisco after completion of project

3 In situ and on - farm conservation and management of priority crop wild relative (CWR) and landrace (LR) populations are implemented throughout Europe: Mechanisms are in place for more effective utilization of the conserved germplasm.

- CarrotDiverse offers opportunity to link more directly with in-situ community via consideration of first steps for 'global' conservation of wild *Daucus* germplasm
- Second meeting in 2018 will address this point in more detail

5 Relations with users of germplasm are strengthened

- Activities via National Programmes (e.g. France, UK)
 - French *Daucus* network includes participation by breeding companies and growers
 - UK (Vegetable Genetic Improvement Network) – includes industry stakeholders
 - WG includes representatives of breeding companies (but non-active)
 - No specific activities at WG level

