## **1 in 5** threatened 400,000 with extinction (80,000 sp) plant species Aim to have **75%** threatened species in ex situ collections SEED **421** seedbanks in Seedbanking SEED 1 in 10 of which SEED constraints estimated species Lack of expertise, staff and already in 10,000 seedbanks **97** countries infrastructure threatened (40,000 sp)

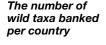


The location of seed banking institutes with relation to plant diversity

 $\square$ 

Diversity Zones (DZ): Number of species per 10,000 km<sup>2</sup>

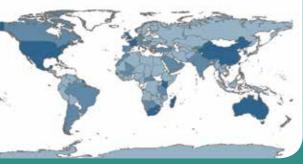
<100 100-1.000 1,000-2,000 2,000-3,000 4.000+



Number of species banked







## **Botanic gardens** banking seed towards Target 8 of the GSPC



## **The Global Seed Conservation Challenge**

BGCI's Global Seed Conservation Challenge is designed to encourage and support botanic gardens to work outside their garden walls to collect, bank and conserve seeds, especially those of threatened plant species towards Target 8 of the GSPC.

The challenge component includes a competition to bank seeds of rare, threatened and useful native species. Through this competition, the work of participating gardens will be recognised and promoted using BGCI's website and its magazine BGjournal:

- Videos, blogs and case studies will be posted on BGCI's website each month.
- Prizes will be awarded for the rarest, most threatened and most useful plants banked.

The support component will include training courses and the establishment of an online seed conservation hub, comprising:

• An informative and concise 'how to' guide on seed conservation for botanic gardens.

- Provision of resources on detailed specialist seed conservation protocols.
- An interactive learning module on seed conservation with knowledge testing components hosted on www.bgci.org.
- Provision of target species for seed banking, based on gap analysis data.
- · Training courses at institutions where capacity gaps exist.

Prizes for the GSCC will be awarded at BGCI's Global Botanic Gardens Congress, which will be held in Geneva in July 2017, to botanic gardens that:

- Conserve the greatest number of taxa.
- Conserve the most threatened species.
- Conserve the most useful species.
- · Conserve the most difficult species to collect.
- Conserve the rarest species.



Target 8 of the GSPC calls for

**66** at least 75 per cent of threatened plant species in ex situ collections, preferably in the country of origin, and at least 20 per cent available for recovery and restoration programmes by 2020 99.

To register interest in the **Global Seed Conservation** Challenge

Please email katherine.odonnell@bgci.org

www.bgci.org

