

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES  
OF WILD FAUNA AND FLORA

Tenth meeting of the Plants Committee  
Shepherdstown (United States of America), 11–15 December 2000

SPECIES DISTRIBUTION MAPPING FOR THE GENUS *GALANTHUS*

This document has been prepared by the Scientific Authority for plants of the United Kingdom, Royal Botanic Gardens, Kew.

**1. Background**

The trade in bulbs has been the subject of CITES related research and investigation for over 10 years. In line with this research, the UK Scientific Authority for plants is currently developing a project that will examine the distribution of *Galanthus* species in the wild. The project aims to:

- Produce species maps for the 18 species and six subspecies currently recognised;
- Produce species maps for at least two new species/varieties;
- Repatriate Turkish distribution data to the Turkish Scientific Authority; and
- Produce species maps that can be used in conjunction with field work to assess the impact of wild bulb collection (past, present and future).

**2. Stage 1**

The UK Scientific Authority is working with Dr Aaron Davis (Royal Botanic Gardens, Kew) and the Turkish Scientific Authority, to produce species maps for the genus *Galanthus*. Data gathered from herbarium specimens during the course of Dr Davis's PhD has been databased and will be used to create distribution maps for the 18 species and six subspecies of *Galanthus* currently recognised. The maps will be created using the GIS (Geographic Information System) software, ArcView.

**3. Stage 2**

A collaborative project between the CITES Scientific Authorities of the United Kingdom and Turkey will be developed to investigate natural populations of economically important Turkish geophytes. The maps and database will be used in conjunction with fieldwork to assess the impact of wild bulb collection.

Data gathered during this project will be used to support recommendations to promote and maintain sustainable trade.

#### 4. Contact point

For further information on the project, please contact:

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