

526089 Botanic Gardens from A to Z

Collection curation practical

In groups of 2-4, do the tasks / answer the questions presented below with the help of the collection database T-Puska. You should pretend you are the curator ('intendentti' in Finnish, 'intendent' på svenska) at Helsinki University Botanic Garden.

1. Researcher MM from the Dpt. of Biosciences of the University of Corydalia asks the below questions, what do you tell her?
 - a. Could you provide material for DNA extraction of the species *Corydalis solida* and *C. cheilanthifolia*?
 - b. If yes, is the material wild-collected or of garden origin?
2. The garden receives new seed lots with the information presented below. Please register the new accessions.
 - a. Pinaceae, *Pinus albicaulis* Engelm., Origin: wild-collected, USA, Washington, Sierra Nevada, 3000 m asl. Sent by George W. Bush Memorial Arboretum.
 - b. *Adelobotrys ruokolainenii* Schulman (Melastomataceae). Recolectado de la naturaleza: Peru, Departamento Loreto: Carretera Iquitos-Nauta. Jardín Botánico Nacional del Perú / National Botanical Garden of Peru.
 - c. *Solanum lycopersicum* Cerasiforme-Ryhmä/-Gruppen 'Superb', kirsikkatomaatti/körsbärstomat
3. You receive a management report from gardener NN with the information presented below and dated 15 June 2009. Please update the database:
 - a. 1993-0711 *Betula pendula*, section 267, 5 trees removed (stand too dense), 18 left standing
 - b. 2001-0499 *Sequoiadendron giganteum*, 168, removed because dead
 - c. 1992-0253 *Veronicastrum sibiricum*, seeds collected from section 252 sown at nursery 501, two pots
4. How many accessions will have to be given placement decision (=istutusvalmiit kannat) in the year 2009? Particularly which part of the collection will be planted with these?