



Oman
Animal &
Plant
Genetic
Resources
Center

TRANSFORMING GENETIC RESOURCES INTO VALUE

Data sources for checklist creation

National Plant Agrobiodiversity Conservation Strategy for the Sultanate of
Oman - Stakeholder Consultation Workshop, 2-3rd November 2015

Sources of the checklist

- Databases created from different literatures on Oman flora (OAPGRC, 2015)
- Mansfeld's World Database of Agriculture and Horticulture crops (Hanelt and IPK Gatersleben, 2001; IPK Gatersleben, 2003)

Floristic checklist of Oman

Includes genus and species names for the species found in Oman, it includes native species, naturalized aliens, frequently occurring casuals, crop weeds and plants that conspicuously cultivated outdoors.

Mansfeld's World Database of Agriculture and Horticulture crops

- Contains more than 6100 cultivated species of agriculture and horticultural plants worldwide including medicinal and aromatic plants.

Other sources

- For forestry taxa, a list of genera was extracted from the 'enumeration of cultivated forest plant species' (Schultze-Motel, 1966)
- For ornamentals originated from the Community Plant Variety Office (VPVO)
- For medicinal and aromatic plant species was created by matching the floristic checklist of Oman with Handbook of Arabian Medicinal Plants (Ghazanfar, 1994)

Checklist content

Use category	Family	Genera	Species
Crops	33	83	109
Crop wild relatives	69	217	659
Medicinal plant	92	272	423
Forestry	36	58	184
Ornamental	49	75	285
Combined socioeconomic plant	121	410	1062

