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**Proceedings of the International Conference:
Acclimatization, Global Change, Gardening and Biodiversity
Conservation**

Ventimiglia and Genova 8-11 May 2007



Celebration of the first centenary of the death of
Sir Thomas Hanbury (1832 – 1907)

Organized by

CENTRO SERVIZI GIARDINI BOTANICI HANBURY

DIP. TE. RIS – DIPARTIMENTO PER LO STUDIO DEL TERRITORIO E DELLE SUE RISORSE

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As part of the celebration of the first centenary of the death of Sir Thomas Hanbury (1832 – 1907), the Giardini Botanici Hanbury and the Orto Botanico dell'Università di Genova in Italy hosted a International Conference devoted to four topics:

- A. Role and evolution of the Botanical Gardens
- B. Botanical Gardens and Biodiversity Conservation
- C. Global Change and Horticulture
- D. Plant conservation and Phylogeography

The first three symposia were held at Hanbury Botanic Gardens at Cape Mortola (Ventimiglia). First symposium has dealt with the development stages of Botanic Garden in the recent history and their deep relationship with science, nature knowledge and economy. From the “Hortus simplicium” to the acclimation gardens for exotic plants with an increasing responsibility in the sustainable use of nature. The second one has dealt with the new role of Botanical Gardens in the biodiversity conservation. The CBD and following international statement trust Botanical Gardens competence and capability for scientific researches on biodiversity knowledge and conservation. Many examples of in situ and ex situ are nowadays recordable among world Botanic Gardens community. This third symposium has dealt with the deep environmental change acting on earth. Which future for nature and in particular for plants? Which will be the future landscape in the different habitats of the world? In a changing world new strategies and relationship human/plant are to be looked for. In this situation is important the role of Horticulture as a concrete solution in attempting a solution to the loss on plants in our planet. The final symposium in Genoa has dealt with the use of biogeography as a useful instrument for a deeper knowledge on rare and endangered plants. Data on plants and their interpretation will help the elaboration of future conservation strategies focusing their strength on main needs relieved. Models on the future of some stressed species will be predict their probable destiny in a changing world.

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