

MIHAESTI ARBORETUM - PAST AND PRESENT

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ABSTRACT

Short History

Mihaesti Arboretum was founded by forest engineer Iuliu Moldovan between 1895 and 1901 in a thinned oak forest by high alluvial plain on 65.2 ha. It was constituted for acclimatization conditions research of deciduous and coniferous exotic species. The seedlings were cultivated inside of Arboretum, and the seeds were imported from a lot of European countries, as well as from other areas of Romania.

General information

- Geographic coordinates: 45005` north latitude and 24058` east longitude
- Mean annual temperature: 9,10;
- Mean annual precipitation: 760 mm;
- Relief: High alluvial plain of Râul Târgului (influent of Arges river);
- Soil: brown and alluvial;
- Lithologic substratum: alluviation;
- Vegetation: Oaken forest by high alluvial plain and Oaken forest by terrace;

Exotic and indigene species

Mihaesti Arboretum is a precious collection of exotic and indigene ligneous plants that has a lot of systematic units represented by a few specimens.

Gymnospermae

Ginkgoaceae - Ginkgo;

Pinaceae - Abies, Tsuga, Pseudotsuga, Picea, Larix, Pinus, Cedrus;

Taxodiaceae - Taxodium, Cryptomeria;

Cupressaceae - Thuja, Biota, Chamaecyparis, Juniperus, Thujopsis;

Taxaceae - Taxus;

Angiospermae

Betulaceae - Carpinus, Corylus, Betula, Alnus;

Fagaceae - Fagus, Quercus; Castanea;

Juglandaceae - Juglans, Carya, Pterocarya;

Salicaceae - Populus, Salix;

Moraceae - Morus, Maclura;

Ulmaceae - Ulmus, Celtis;

Buxaceae - Buxus;

Magnoliaceae - Magnolia, Liliodendron;

Berberidaceae - Berberis, Mahonia;

Saxifragaceae - Phyladelphus, Deutzia;

Rosaceae - Physocarpus, Spiraea, Cydonia, Chaenomeles, Malus, Sorbus, Crataegus, Rodotypus, Prunus;

Leguminosae - Cercis, Gleditsia, Sophora, Laburnum, Cytisus, Amorpha, Robinia, Caragana, Wisteria

Rutaceae - Phellodendron

Anacardiaceae - Cotinus, Rhus

Sapindaceae - Koelreuteria

Aceraceae - Acer

Hippocastanaceae - Aesculus

Celastraceae - Euonymus

Vitaceae - Vitis, Parthenocissus

Tiliaceae - Tilia

Malvaceae - Hibiscus

Tamaricaceae - Tamarix

Cornaceae - Cornus

Araliaceae - Hedera

Bignoniaceae - Catalpa

Oleaceae - Fraxinus, Syringa, Ligustrum, Forstythia

Caprifoliaceae - Sambucus, Viburnum, Lonicera

Keywords: arboretum