

**PROJECT TITLE**

# “Preserved foliage of some Greek native plants”



**CLIENT**

Marketing company of plants, foliage and flowers. Companies involved in the production of gifts and decorative goods.

**OBJECTIVES / ENTREPRENEURIAL OPPORTUNITIES**

Development of a method for long term preservation of foliage of some plants growing in Greece in which the natural characteristics are retained (shape, texture, flexibility and colour). The preserved foliage could be used in the following fields:

- Floral arrangement and decoration of hotels, banks, business buildings etc.
- Decoration of packages of traditional Greek products such as olive oil, olives, aromatic plants etc.
- Decoration other goods such as gift packaging.
- Production of a kit for foliage preservation by artists, students, schools or as a hobby for amateurs.
- Education at all levels.

**SOLUTION**

The existing foliage preservation methods do not seem to satisfactory preserve some of the plants of the Greek flora. Our method aims on the further improvement of the methods for the preservation of some specific plants of the Greek flora and especially focusing on the retention of the natural colour as well as the other characteristics. This can be achieved with the selection of chemicals and their concentrations as well as the time and conditions (such as light, temperature and pH) of the treatment. These plants are problematic due to their adaptations to the arid environment for example the presence of phenolic substances, thick epidermises and cuticles and sclerencyma.

**RESULTS**

Production of foliage which retain their natural flexibility and are easily transported without being damaged. Some samples of preserved foliage from our preliminary experimentation and a floral arrangement with both preserved and dried plant parts.



**OUR TEAM**

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