

**IN VITRO PROPAGATION OF *LITHODORA ROSMARINIFOLIA* (TEN.) JOHNST.,  
A RARE ENDEMIC SICILIAN SHRUB WITH POTENTIAL AS ORNAMENTAL PLANT**

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**REFERENCES**

- Armitage A. M. (1989). *Herbaceous Perennial Plants*. Varsity Press Inc., Athens, GA, 385 pp.
- Gatti E., Predieri S. (2006). *In vitro* propagation of species of the Mediterranean *maquis* (in Italian). Proceedings of the 3rd National Congress on 'Mediterranean Plants and Strategic Choices for the Agriculture and the Environment, Bari, Italy, 27 September – 1 October 2006 (in press, in Italian).
- George E. F. (1996). *Plant propagation by tissue culture - Part 1: the technology*. Exegetics Ltd. Edington, Wilts, 50 pp.
- Iapichino G., Amico Roxas. U., Bertolino M. (2006). *In vitro* propagation of a Sicilian ecotype of *Thymus capitatus*. Proceedings of the 3rd National Congress on 'Mediterranean Plants and Strategic Choices for the Agriculture and the Environment, Bari, Italy, 27 September – 1 October 2006 (in press, in Italian).
- Iriondo J. M., Moreno C., Perez C. (1995). Micropropagation of six rockrose (*Cistus* spp). *HortScience*, 30: 1080-1081.
- Laghetti G., Olita G., Hammer K., Perrino P. (2001). Multicrop collecting expeditions in Aeolian archipelago. *Plant Genetic Resources Newsletter*, 28: 26-34 (in Italian).
- Mereti M., Grogoriadou K., Nanos G. D. (2002). Micropropagation of strawberry tree, *Arbutus unedo* L. *Scientia Horticulturae*, 93: 143-148.
- Misra P., Chaturvedi H. C. (1984). Micropropagation of *Rosmarinus officinalis*. *Plant Cell, Tissue and Organ Culture*, 3: 163-168.
- Murashige T., Skoog F. (1962). A revised medium for rapid growth and bioassays with tobacco tissue cultures. *Physiologia Plantarum*, 15: 473-497.
- Papafotiou M., Kalantzis A. (2007). Studies on *in vitro* propagation of *Lithodora zahnii*. Abstracts of the VI Symposium on New Floricultural Crops. Madeira, 11-15 June 2007: 97.
- Petersen R. G. (1985). *Design and analysis of experiments*. Marcell Dekker. New York, 76 pp.
- Pierik R. L. M. (1993). Micropropagation: Technology and Opportunities. In: Prakash J., Pierik R. L. M. (Eds). *Plant biotechnology commercial prospects and problems*. Science Publishers, Inc., Lebanon: 9-22.
- Raimondo F. M., Gianguzzi L., Ilardi V. (1992). Inventory of the endangered species of the endemic vascular flora of Sicily. *Quaderni Botanica Ambientale Applicata*, 3: 65-132 (in Italian).
- Rech E. L., Pires M. J. P. (1986). Tissue culture propagation of *Mentha* spp. by the use of axillary buds. *Plant Cell Reports*, 5: 17-18.
- Rolfé R. (1997). *Alpines and rock garden plants*. In: Byam M. (Ed). *The Complete Book of Plant Propagation*. The Taunton Press, Newtown: 84.
- Ruffoni B., Gazzano A., Costantino C. (1994). Micropropagation of *Myrtus communis* Mill.: Effects of indolacetic acid on rooting. *Italus Hortus*, 1: 8-12 (in Italian).
- Scarpa M. G., Milia M., Satta M. (2000). The influence of growth regulators on proliferation and rooting of *in vitro* propagated myrtle. *Plant Cell, Tissue and Organ Culture*, 62: 175-179.
- Suttle G. R. (1999). Commercial laboratory production. In: Trigiano R. N., Gray D. J. (Eds). *Plant tissue culture concepts and laboratory exercises*. CRC Press. Boca Raton, FL: 407-416.
- Toogood A. R. (1999). *Plant Propagation*. DK Publishing Inc. New York, 133 pp.