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Biology Curators Group Newsletter

Title: Living Plants in Museums

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Source: Moore, D. K. (1977). Living Plants in Museums. *Biology Curators Group Newsletter*, Vol 1 No 5, 14 - 15.

URL: <http://www.natsca.org/article/1508>

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LIVING PLANTS IN MUSEUMS

D.K. MOORE
 MERSEYSIDE COUNTY MUSEUMS

Summary

This talk was based on the construction and maintenance of the museum plant room. Various problems associated with growing plants under artificial conditions were mentioned together with suggestions for overcoming them.

Colour slides were used to illustrate relevant details. Briefly, the talk consisted of the following topics -

1. Plant Requirements - Lighting, temperature, Watering etc.
2. Construction of Growing Units - Plant trays, Light boxes, Light adjustment, Control gear
3. Maintenance - Watering systems, Nutrition, Pests and diseases and their control.
4. Support Systems - Service areas, production units, space requirements.
5. Illustrated Displays - Medicinal Herbs, Reclamation, Plant Nutrition.

SUPPLIERS OF MATERIALS

<u>Product</u>	<u>Supplier</u>
Air Conditioning Units	Haworth Air Conditioning, Lome Street, Farnworth, Bolton BL4 7LZ.
Automatic Watering Systems	Humex, 5 High Street, Weybridge, Surrey. Simplex Limited, Horticultural Division, Sawston, Cambridge CB2 4J. Wright Rain Limited, Ringwood, Hampshire BH24 1PA.
Biological Control for Red Spider & White Fly	Thompson & Morgan (Ipswich) Ltd., London Road, Ipswich IP2 0BA.
Capillary Water Matting	Plant Protection Ltd, Woolmead House East, Woolmead Walk, Farnham, Surrey.
Gamma Irradiated Seed	Philip Harris Biological Ltd, Addmixon, Weston-super-Mare, Avon.

SUPPLIERS OF MATERIALS

<u>Product</u>	<u>Supplier</u>
Genetic Seed Kits	Griffin Biological Laboratories Ltd, Gerrard House, Worthing Road, East Preston, West Sussex BN16 1AS.
Herb Seeds	Thompson and Morgan.
Laboratory Equipment	Griffin and George Limited, 285 Ealing Road, Wembley HA0 1HJ.
Lighting - Control Gear	Transtar, Prime Consort Road, Hebburn, County Durham.
Lighting - Flourescent Tubes	Philips Electrical Limited, Lighting Division, Century House, Shaftesbury Avenue, London WC2.
Lighting - Time Switches	Sangamo Weston Limited, Enfield, Middx.
Plant Propagating Cases and other Green- house Equipment	Humex, Simplex.