

**Plate 1a.** *Thyrsopteris elegans* in the Fern House at the Royal Botanic Garden Edinburgh.



**Plate 1b.** A recently planted specimen of *Thyrsopteris elegans* growing outside at Logan Botanic Garden.

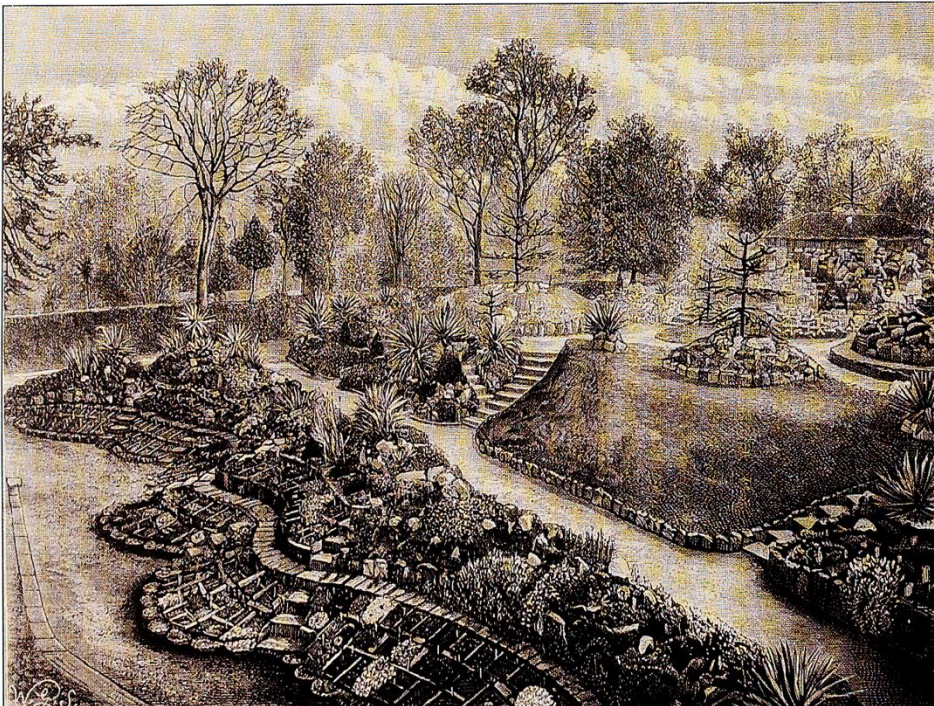


**Plate 1c.** Two pots of *Thyrsopteris elegans* sporophytes before pricking out into individual pots. The pot on the left shows the results of the first sowing on 5 March 2002. Note that the largest leaves belong to a *Cyathea* species which was growing in close proximity to the *Thyrsopteris* from which the spores were collected. The pot on the right contains only *Thyrsopteris* sporophytes from a second sowing on 31 July 2002 from a second sporulation of the parent plant.



THE LATE JAMES McNAB.

**Plate 2a.** James McNab (1810-78).



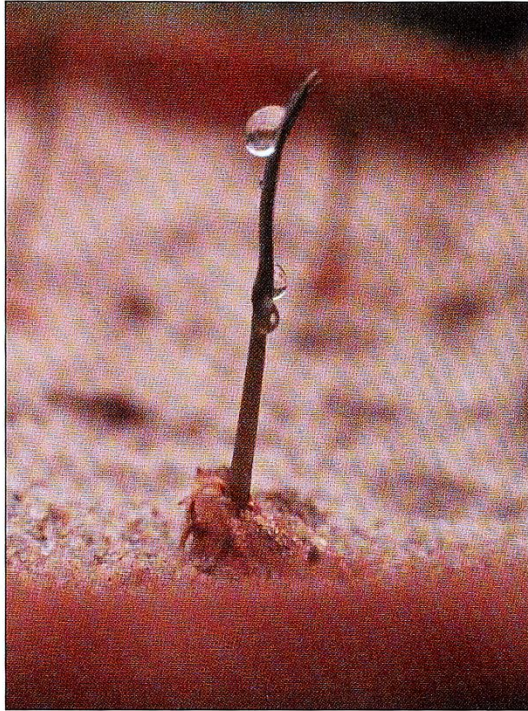
**Plate 2b.** The Rock Garden after landscaping and planting in the 1860s.



Plate 3a. *Welwitschia mirabilis* showing male inflorescence.



Plate 3b. *Welwitschia mirabilis* showing female inflorescence.



**Plate 4a.** Seedling of *Welwitschia mirabilis*.

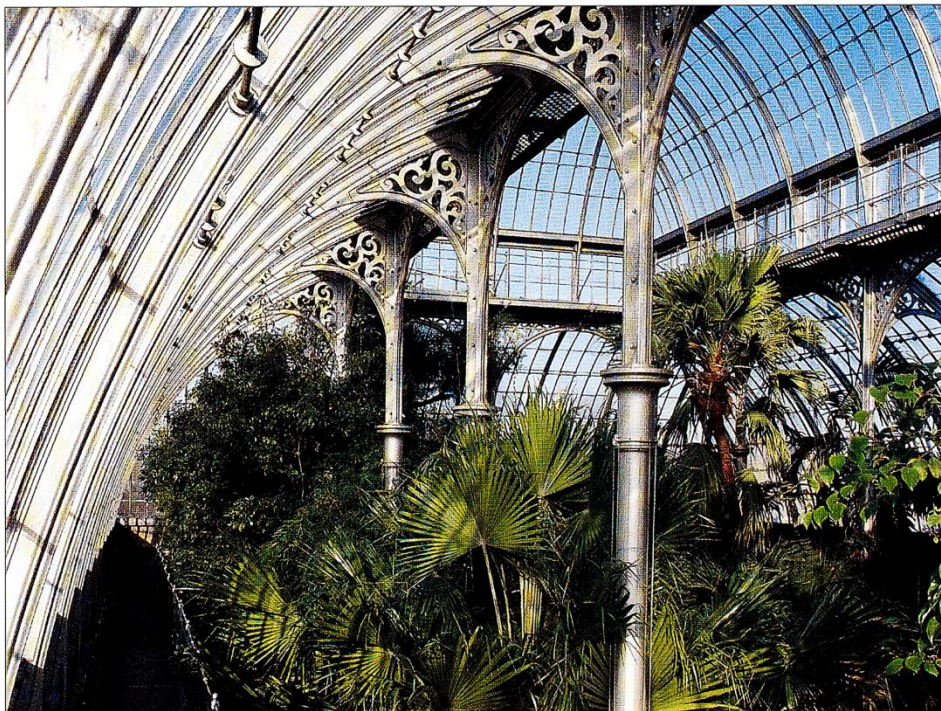


**Plate 4b.** Mature specimen of *Welwitschia mirabilis*.

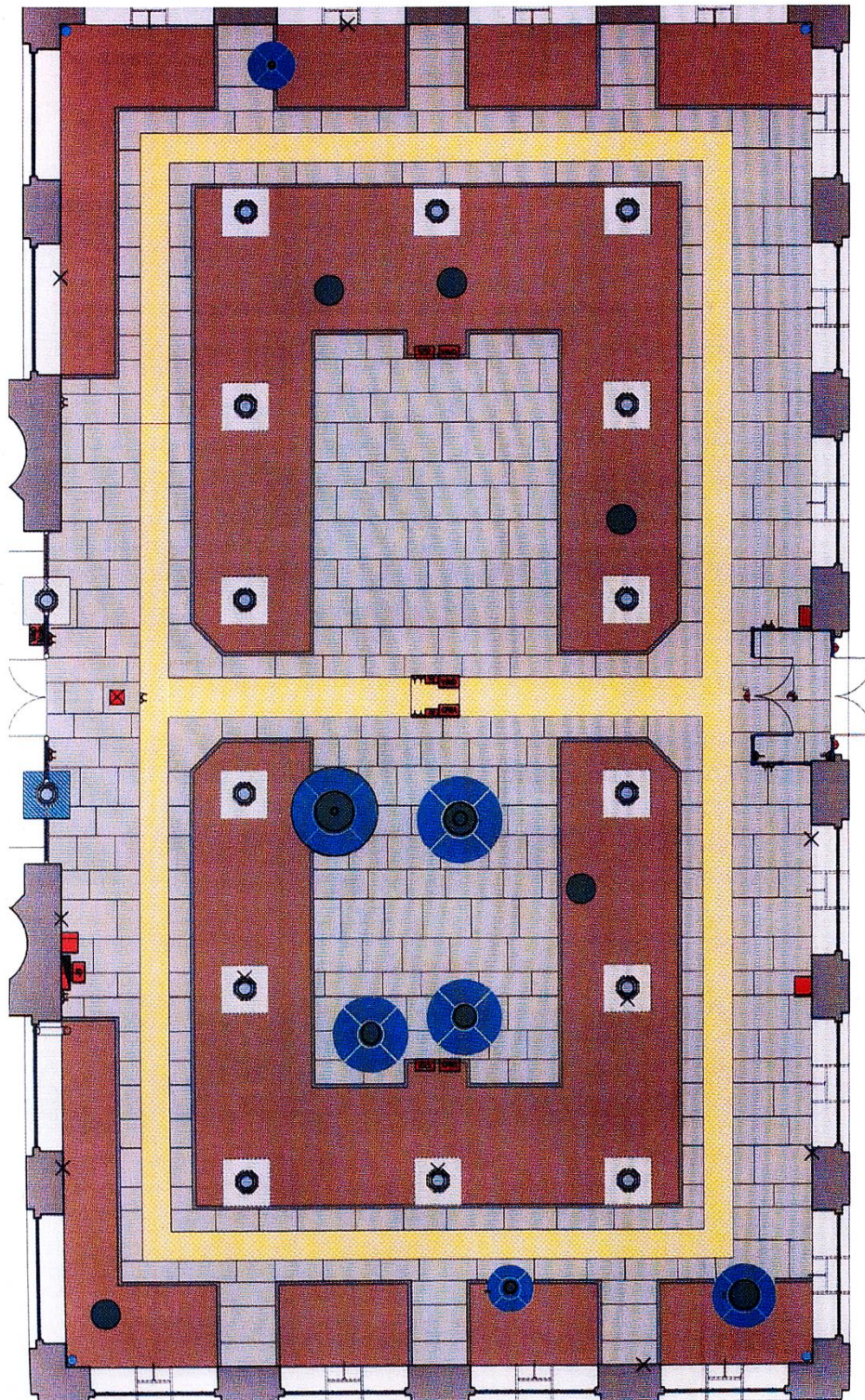
*Plate 4a. Mature specimen of Welwitschia mirabilis.*



**Plate 5a.** The exterior of the Temperate Palm House, Royal Botanic Garden Edinburgh.



**Plate 5b.** Detail of interior structure, Temperate Palm House.



**Plate 6.** Plan showing redesigned interior of the Temperate Palm House. The yellow areas indicate underfloor heating ducts.

**Plates 7 to 9.** Sample of accession tables for Palm House curatorial survey.

EXPLANATION OF TABLE CODING

Acc. Num	Family	I.U.C.N	Prov type	ISO	NAME	ALL_LOC	O A/L	IM	H	VL	RT	Notes
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*Codes*

Acc. Num  
Family  
I.U.C.N  
Prov type  
ISO  
NAME  
ALL\_LOC  
O A/L  
IM  
H  
VL  
RT  
Notes

*Explanation of codes*

Accession number  
Family  
I.U.C.N. categories  
Provenance i.e. wild or garden origin  
Distribution (initials are from BG-Base)  
Genus, species, var, cultivar, etc.  
Current location of living material  
Only accession or location of this family  
Image  
Herbarium material  
Verification level  
Recommended treatment  
Notes: ethnobotanical use, common name, etc.

*Codes*

(A):G44/0500	Blue Highlighter – Temperate Palm House
Y	Pink Highlighter – only accession in living collection
	Red Highlighter – plant unique to RBGE
	Green Highlighter – planted outside at Logan or at ICCP site
	Dark Blue Highlighter – multiple accessions and/or locations but ALL in the Palm Houses

*Explanation of abbreviations used in RT and Notes columns:*

- TRP – Transplant
- Prop – Propagation required immediately
- R – Remove from this location
- Con – Lift and containerise in permanent display containers for use in the completed project
- Keep – Retain in location
- Pot – Containerise for possible re-use within the completed project, or elsewhere within the 'Glasshouse Experience'
- Evaluate – Obtain further background information including BG-BASE check
- Orn – The plant is considered to have ornamental value, and is listed in the RHS Dictionary with cultural information
- MFG and MRM – Refers to collector's/botanist's comments (Martin F Gardner and Robert Mill)

ACCESSIONS IN THE TEMPERATE AND TROPICAL PALM HOUSES – OCTOBER 2002

Acc. Num	Family	I.U.C.N	Prov type	ISO	NAME	ALL Alive Locations	O A/L	IM	H	VL	RT	Notes
19731037	PALMAE		W	MY	<i>Iguanura wallichiana</i>	(A):G39/0220				2	Keep	Orn, 'Pinang' thatch, roots and fruit believed to have a contraceptive quality
19740686	ILLICACEAE		G		<i>Asplenium nidus</i>	(A):G44/0309				2	Prop, R	Orn, com oils
19744254	OLEACEAE		G	*	<i>Stemmadia guineensis</i>	(A):G49/0333				2	Prop, R	
19763861	PINACEAE	NT	Z	TW	<i>Keteleeria davidiana</i> var. <i>formosana</i>	(A):G44/0574	N		Y	2	Keep, TRP	Orn, 'Pinang' thatch, roots and fruit believed to have a contraceptive quality
19832743	LILIACEAE	I	W	NP	<i>Lilium wallichianum</i>	(B):P16 (B):G44/0424 (D):Q21	N	Y		2	Pot	
19715987	FAGACEAE		G	Indomal	<i>Castanopsis edulis</i>	(A):G49/0593				2	Prop, R	Orn, Hardy in S England, try at Logan
19320158	ANACARDIACEAE		G	S Amer	<i>Albizia leonensis</i>	(A):G44/0134					Con	Can cause dermatitis and swelling
19697121	PALMAE	NT		Australia	<i>Livistona australis</i>	(A):G49/0393	N	Y		3	Keep	Orn, 'Cabbage Palm' evaluate, place in tub, bud eaten, thatch, timber umbrellas, fibres for rope and cloth

20022152	PALMAE		G	China	<i>Livistona chinensis</i>	(A):G45/0355				3	Con	Orn, 'Chinese Fan Palm', evaluate
19697123	PALMAE	NT	G	Australia	<i>Livistona humilis</i>	(A):G46/0526		Y		3	Keep	Orn 'Sand Palm', evaluate
19913940	PALMAE	I	G	Philippines	<i>Livistona robinsoniana</i>	(A):P09 (B):G46/0691				3	Con	Unusual in collections, evaluate, place in tub
19892473	GESNERIACEAE		W	NP	<i>Loxostigma griffithii</i>	(A):P14 (B):G46/0658		Y	Y	2	Pot, Prop	Orn, reduce to one location
19781051	MYRTACEAE	NT	G	Chile, Argentina	<i>Luma apiculata</i>	(A):G46/0308 (B):T21/0530 (C):G68	N			2	Prop, R	Orn, reduce to one location MFG - Not of known wild origin and we have a really good collection of this hardy plant at Inverloch, Bonmore and Logan. Expandable
19900646	ZAMIACEAE	R	G		<i>Macrozamia moorei</i>	(A):G45/0211				3	Con	Orn, evaluate, place in tub, named after CH Moore SPC
19744253	MYRSINACEAE		G	Japan	<i>Mussa japonica</i>	(A):G47/0126				2	Prop, R	Traditional medicine





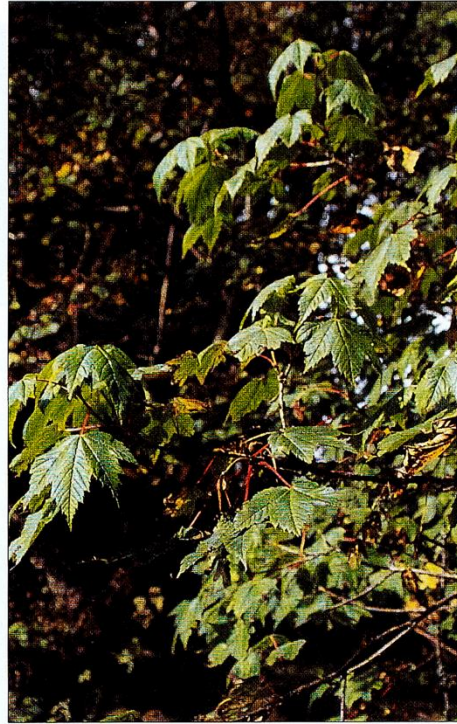
**Plate 10a.** The Arun River.



**Plate 10b.** Mark Watson, Dave Long and Mahendra Subedi busy sorting specimens.



**Plate 11a.** Dave Knott in the canopy of *Rhododendron barbatum* to obtain good seed.



**Plate 11b.** *Acer caudatum* in full fruit.



**Plate 11c.** Gosiankuda lake.



**Plate 12a.** The majestic Langtang Peak.

**Plate 12b.** Simon Crutchley in Nepal.



**Plate 12c.** *Betula utilis* woodland.