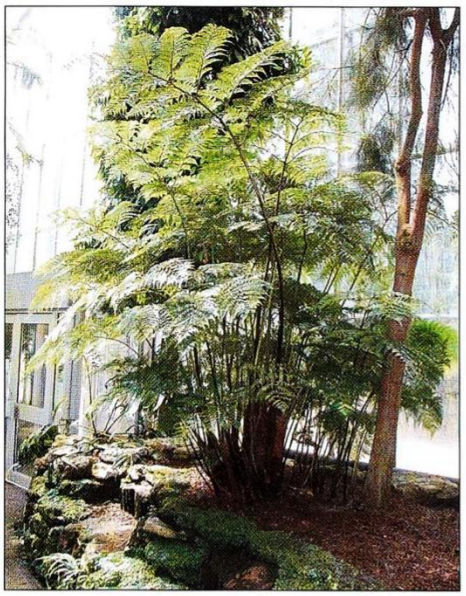


Plate 1a. *Thyrsopteris elegans* in the Fern House at the Royal Botanic Garden Edinburgh.

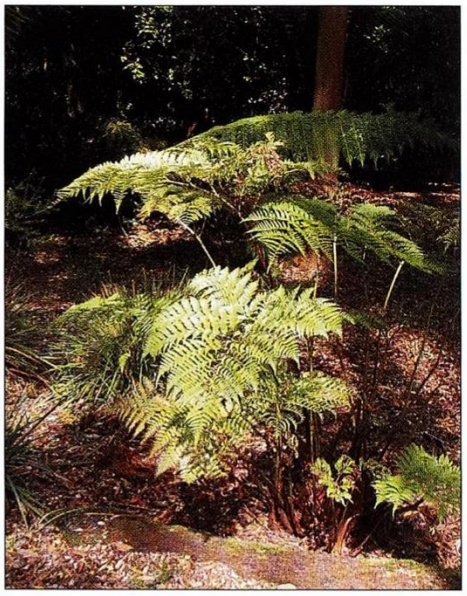


Plate 1b. A recently planted specimen of *Thyrsopteris elegans* growing outside at Logan Botanic Garden.



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.



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

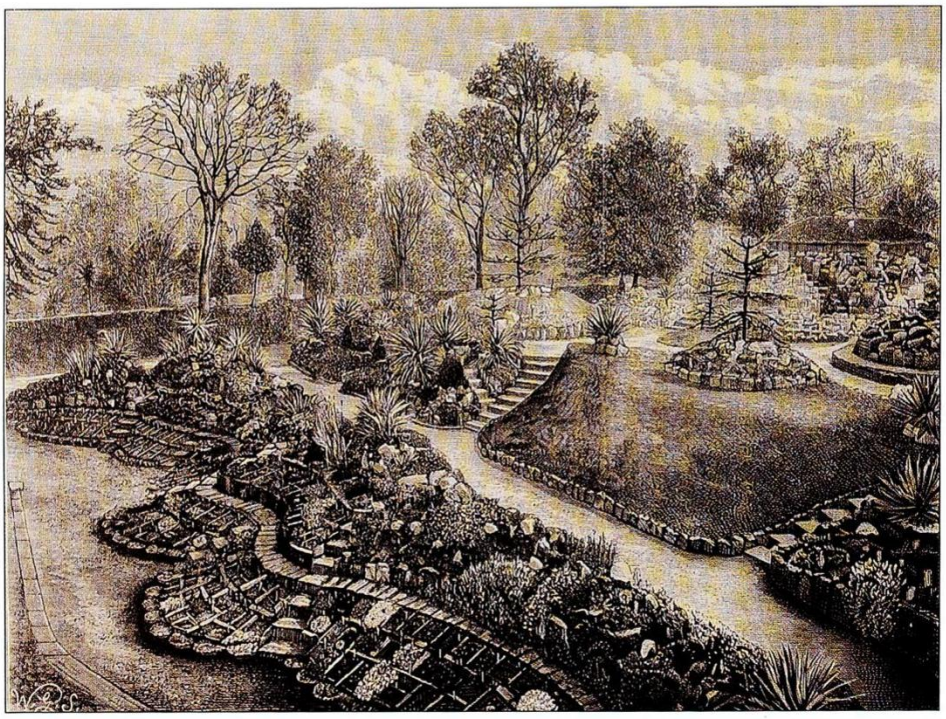


Plate 2b. The Rock Garden after landscaping and planting in the 1860s.



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



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

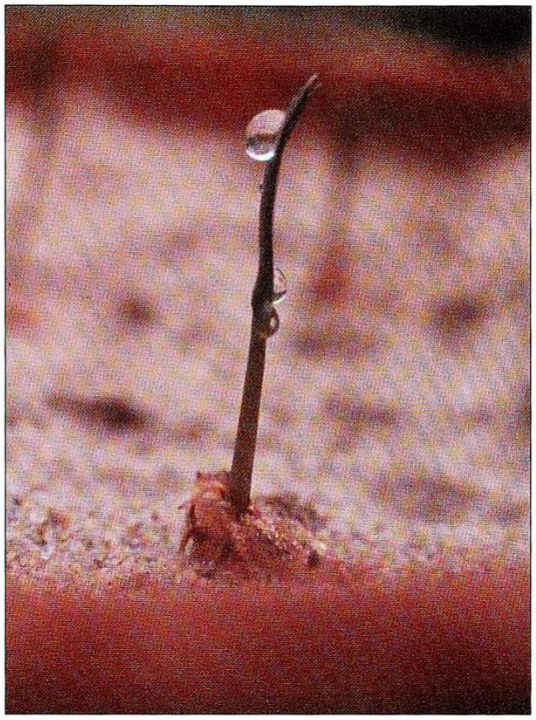


Plate 4a. Seedling of *Welwitschia mirabilis*.



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

Plate 4b. 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.

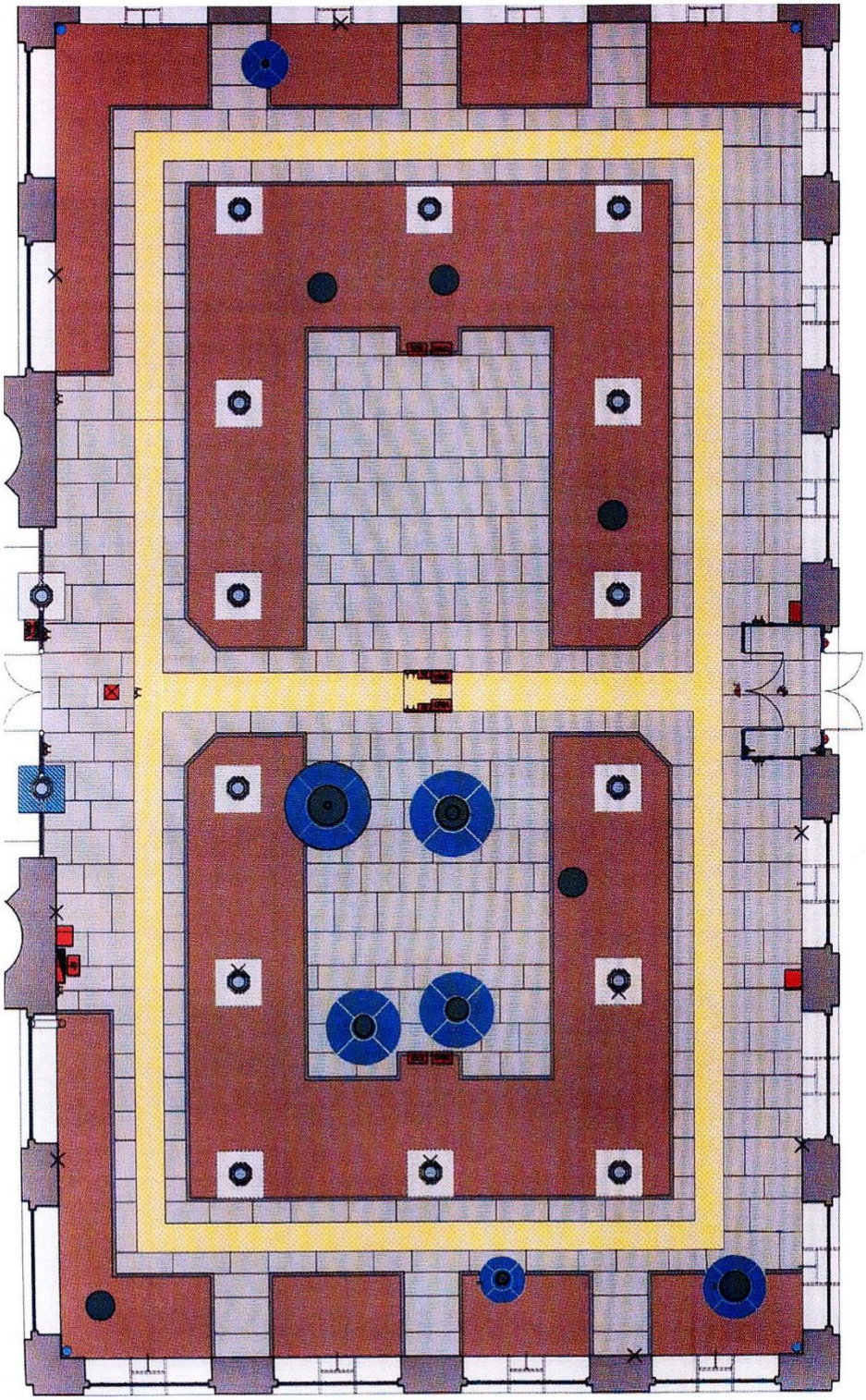


Plate 6. Plan showing redesigned interior of the Temperate Palm House.
The yellow areas indicate underfloor heating ducts.

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

Codes	*Explanation of codes*
Acc. Num	Accession number
Family	Family
I.U.C.N	I.U.C.N. categories
Prov type	Provenance i.e. wild or garden origin
ISO	Distribution (initials are from BG-Base)
NAME	Genus, species, var, cultivar, etc.
ALL_LOC	Current location of living material
O A/L	Only accession or location of this family
IM	Image
H	Herbarium material
VL	Verification level
RT	Recommended treatment
Notes	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	*Iguanura wallichiana*	(A):G39/0220				2	Keep	Orn, 'Pinang' thatch, roots and fruit believed to have a contraceptive quality
19740686	*ILLICIACEAE*		G		*Illicium henryi*	(A):G46/0830				2	Prop, R	Orn, com oils
19744254	*OLEACEAE*		G	*	*Jasminum subhumile*	(A):G39/0230				2	Prop, R	
19763861	*PINACEAE*	NT	Z	TW	*Keteleeria davidiana var. formosana*	(A):G43/0510	N		Y	2	Keep, TRP	
19832743	*LILIACEAE*	I	W	NP	*Lilium wallichianum*	(B):P16 (C):G43/0430 (D):Q21	N	Y		2	Pot	
19715987	*FAGACEAE*		G	Indomal	*Lithocarpus edulis*	(A):G43/0530				2	Prop, R	Orn, Hardy in S England, try at Logan
19320158	*ANACARDIACEAE*		G	S Amer	*Mangifera braunianum*	(A):G46/0830					Con	Can cause dermatitis and swelling
19697121	*PALMAE*	NT		Australia	*Livistona australis*	(A):G47/0830	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	*Livistona chinensis*	(A):G45/0350				3	Con	Orn ,'Chinese Fan Palm', evaluate
19697123	*PALMAE*	NT	G	Australia	*Livistona humilis*	(A):G46/0520		Y		3	Keep	Orn 'Sand Palm', evaluate
19913940	*PALMAE*	I	G	Philippines	*Livistona robinsoniana*	(A):P09 (B):G46/0690				3	Con	Unusual in collections, evaluate, place in tub
19892473	*GESNERIACEAE*		W	NP	*Loxostigma griffithii*	(A):P14 (B):G46/0050		Y	Y	2	Pot, Prop	Orn, reduce to one location
19781051	*MYRTACEAE*	NT	G	Chile, Argentina	*Luma apiculata*	(A):G46/0300 (B):T21/0530 (C):G68	N			2	Prop, R	Orn, reduce to one location MEG - Not of known wild origin and we have a really good collection of this hardy plant at Inverleith, Benmore and Logan. Expendable
19900646	*ZAMIACEAE*	R	G		*Macrozamia moorei*	(A):G45/0210				3	Con	Orn, evaluate, place in tub, named after CH Moore SPC
19744253	*MYRSINACEAE*		G	Japan	*Maesa japonica*	(A):G47/0120				2	Prop, R	Traditional medicine

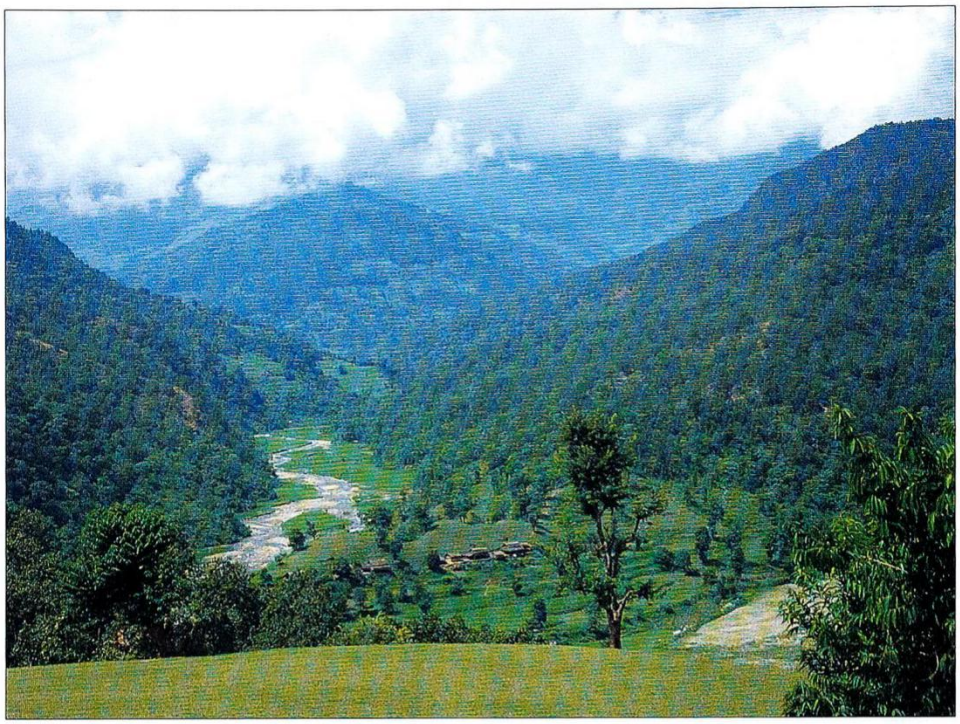


Plate 10a. The Arun River.



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

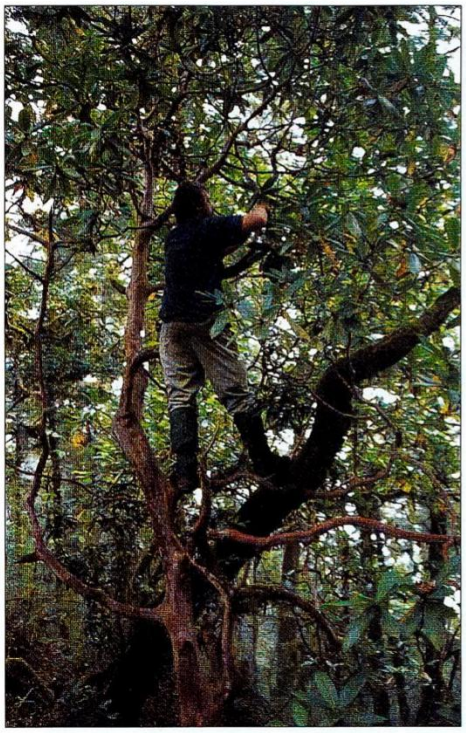


Plate 11a. Dave Knott in the canopy of *Rhododendron barbatum* to obtain good seed.

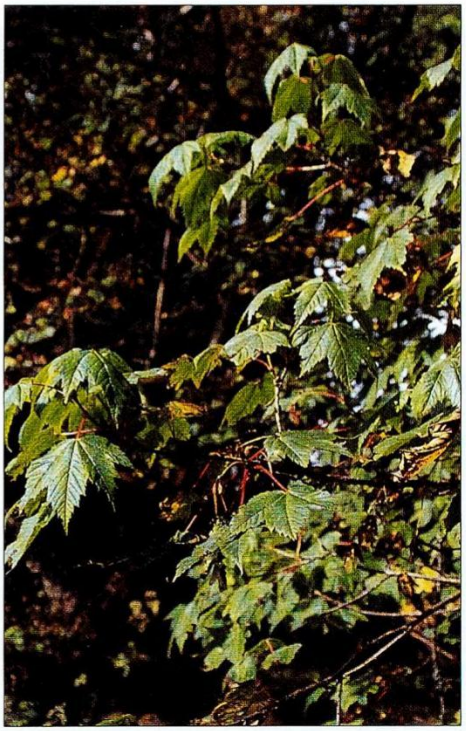


Plate 11b.
Acer caudatum in full fruit.



Plate 11c. Gosiankuda lake.



Plate 12a. The majestic Langtang Peak.

Plate 12b. Simon Crutchley in Nepal.



Plate 12c. *Betula utilis* woodland.