

# THE HERBARIUM HANDBOOK

# Edited by

#### Diane Bridson and Leonard Forman

Third Edition

ROYAL BOTANIC GARDENS KEW

# CONTENTS

		page
IN	TRODUCTION	1
1.	What is taxonomy?	2
	The development, purpose and types of herbaria	4
ТН	E HERBARIUM BUILDING, COLLECTIONS AND MATERIALS	
3.	The herbarium building and specimen storage	8
4.	Pests and treatments	14
	Materials	27
6.	Label design and production	46
HE	RBARIUM TECHNIQUES AND MANAGEMENT	
	Centralized accessioning, recording and dispatch procedures	52
	Processing unmounted specimens	60
	Mounting herbarium specimens	65
	Conservation of sheets	79
	Plant names (nomenclature)	84
	The arrangement of herbarium collections	89
	Ancillary collections Collections of illustrations and photographs	94 98
	Collections of illustrations and photographs Handling herbarium specimens	104
	Incorporation (filing or laying-in) of mounted specimens	104
	Curation of special groups	112
	Duplicate distribution	116
	Loans to other institutions	119
	Visitors	122
21.	Removal of samples from herbarium material	124
	Essential herbarium literature	128

# ADDITIONAL TECHNIQUES

23.	Rearrangement of herbarium collections according to new publications	133
94	The dissection of floral organs and preservation of the results	144
	Illustration	- 151
	The photographic copying of herbarium sheets	162
	Collectors, itineraries, maps and gazetteers	163
	Check-lists	172
	Introduction to computers	175
43.	indoduction to computers	173
СО	LLECTING	
30.	Collecting and preserving specimens	193
31.	Collecting materials for ancillary disciplines	226
32.	The collection of pteridophytes	232
33.	The collection and curation of bryophytes	235
34.	The collection and curation of Algae	237
	The collection and preservation of fungi (including lichens)	242
	The collection of living material	252
	Collecting for a seed bank	258
	Photography and fieldwork	261
ТН	E HERBARIUM IN A WIDER CONTEXT	
39.	Economic botany and the herbarium	265
40.	Ecology and the herbarium	273
41.	Conservation and the herbarium	277
42.	International legislation and the herbarium	279
AD	DITIONS, UP-DATES AND CORRECTIONS	287
RE:	FERENCES	303
, 	· ·	<b>.</b>
NI	NEV	910