

Raw-256

ANNALS
OF THE
ROYAL BOTANIC GARDEN, CALCUTTA.

Vol. XI.

ANNALS

OF THE

ROYAL BOTANIC GARDEN, CALCUTTA.

fol. XI.

ASIATIC PALMS-LEPIDODERMATAE

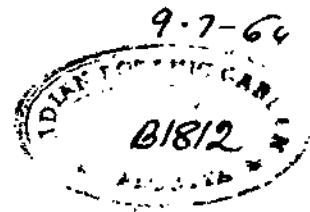
by

DR. ODOARDO BECCARI.

PART I.

THE SPECIES OF CALAMUS

WITH 238 PLATES.



CALCUTTA:

BENGAL SECRETARIAT PRESS.

1908.

ASIATIC PALMS-LEPIDOCABYEAE

by

DR. ODOARDO BECCARI.

PART I.

THE SPECIES OF CAIAMOS

WITH 238 PLATES.

CALCUTTA:
BENGAL SECRETARIAT PRESS.

1908.

B1812

INDEX TO PLATES.

	PLATE.		PLATE.
CALAMUS acaniliospathus Griff.	106	CALAMUS fertilis Becc.	226
— adpersus Bl.	145	— filiformis Becc.	42
— akimensis Becc.	26A	— filipendulus Becc.	45
— albus Pers.	199	— flabellatus Becc.	37
— andamanicus Kurz	163-4	— Flagellum Griff.	4. 5
— aquatilis Ridley	168-9	— Flagellum ka: inensis Becc.	6
— arboescens Griff.	7	— floribundus Griff.	47
— aruensis Itecc.	209	— floribundus (Griff.) var. depauperatus Becc.	48
— asperrimus Bl.	186	— forxnosanus Becc.	172 & 172A
— australis Mart.	72	— Gamblei Becc.	123
— axillaris Becc.	181	— giganteus Becc.	197
— bacularis Becc.	107	— Godefroyi Becc.	9 6
— barb at us Zipp.	* 87	— gogolensis Becc.	9 3
— Barterii Becc.	20	— genospermus Becc.	46
— Blancoi Kunth.	64	— gracilis Roxb.	124
— Blumei Becc.	137	— Griffithianus Mart.	17
— Bousigonii Pierre	139	— GvLTuba.Ham.	114-116
— brachystachys Becc.	222	— Harmandi Pierre.	229
— Brandisii Becc.	102	— Hartmanni Becc.	231
— bubuensis Becc.	183	— Henryanus Becc.	223
— Burckianus Becc.	18	— heteracanthus Zipp.	140
— caesius Bl.	189	— heteroideus Bl.	77
— caryotcidos Allen Cunn.	66	— heteroideus var. pallens (Bl.) Becc	78
— castaneus Griff.	16	— Helferianus Kurz.	53
— ciliaris Bl.	129	— Heudelottii Becc.	21
— concinnus Mart.	60	— hispidulus Becc.	131
— conirostrii Becc.	220	— Hollcungii Becc.	210
— corrugatus Becc.	43	— Hookerianus Becc.	70
— Cumingianus Becc.	142	— liorrens Bl.	9 6
— CuthbertsoDii Becc.	148	— Hugelianus Mart.	122
— deerratu3 Mann \$ Wendl.	19	— hypoleucus (Kurz.) Becc.	119
— Dclessertianus Becc.	101	— inermis T. And.	195
— delicatulus Thu>.	82	— insignia Griff.	162
— densiflorus Becc.	167	— interruptus Becc.	49
— Diepenhorstii Miq.	126	— interruptus var. docillis Becc.	6 0
— Diepenhorslii (Miq.) var. singaporensis Becc.	127	— javen>i8 Bl. acicularis Becc.	4 1
— didymocarpus Warb.	213	— jav. var. polyphyllus et sublevis Becc.	40
— digitatus Becc.	28-29	— jav. tennissimus Becc.	3 9
— dilaceratus Becc.	1 6	— jav. yar. tetrastichus Becc. et var. inter-	
— dimorphacanthus Becc.	219	— medius Becc.	38
— dioicus Lour.	61	— kandariensis Becc.	144
— discolor Mart.	228	— khasianus Becc.	192
— dongnaiensis Pierre.	8	— Kioiianus Becc.	63
— Doriaei Becc.	191	— Kunzeanus Becc.	226
— erectus Roxb.	1	— latifolius Roxb.	17..
— erectus birmanicus Becc.	3	— latil'olius (Roxb.) var. marmoratus Becc.	177
— erectus schizospaihus (Griff.) Becc.	2	— Lauterbachii Becc.	227
— erioacanthua Becc.	187	— Leprieurii Becc.	23-24
— exilis Griff.	130	— leptospadix Griff.	14
— Faberii Becc.	?y	— leucocotes Becc.	120
— falabonsis Becc.	2 2	— Lobbianus Becc.	221
— Fe&uusBecc.	106	— lon^isctus Griff.	9
— ferrugineus Becc.	226	— luridus Becc.	^

INDEX TO PLATES.

	Pun.		Pun.
CAUHUS Macgregorii Becc.	230	CALAMUS radiatna Thw.	• SQ
maoroch lamys Becc.	91*92	raduloras Becc.	35
macrophaerion Becc.	201	ralumenaia Warb.	89-90
Maoan Miq.	196	ramosisBimoa Griff.	109-110
manileoais E. Wendl.	226	ramnlosus Becc.	206
marginatua Mart.	128	Reinwardtii Mart.	7 6
Martianus Becc.	151	Rhodesi Griff.	»226
mattanensis Bete.	202/1	rhomboideus BL.	184
melanacantua Mart.	125	Ridleyanns Becc.	168
melanoloma Mart.	214	raYaliaTAu*	66-66
Memllii Becc.	167	Botadg Linn.	97
Metzianua Schicht.	6Z^	rudentum Lour.	13
Meyenianua Schauer.	»	rngoaus Becc.	36
microarpuia Becc.	218	ruridus Becc.	81
microsphaerion Becc.	204	Sabemis Becc.	81
minahaaiiae Warb.	147	salicifoliua Becc.	103
mollis Blanco.	61*62	saraweakensis Becc.	133
Moseleyanus Becc.	171	scabridulus Becc.	# 32
Mod BaUey	7 3	lobiatoacantbai BL.	53
modulata Becc.	186	Schweinfurthii Becc.	26
Muelierii H. Wendl.	54.55	Sdpionam Lour.	166.166
muricatus Becc.	33	*aerrnlatas Becc.	75
myriarantua Becc.	95	aiamenria Becc.	59
myrianthus Becc.	11%	simplex Becc.	193
oambarieDisis Becc.	193-194	siphonospatbui Mart.	316-216
neglectua Becc.	U2	siphooospathua (Mart.) rar. oligolepia (minor) Becc.	217
neroatospadix Bicc.	71	apathuJatns Becc.	147%
nieobariens Becc.	8 4	apathulata robnitai Becc.	160
sitidns Mart.	116	spectabilis (BL) rat. sumatranus Becc.	138
opacus BL.	79	spinifolius Becc.	178-179
oplinraa Bete.	188.188A	subinermis R. Wendl.	208
ornatos (BL) Tar. mitis Becc.	1(4)	sympophysipus MwU	111
OTBAns (BL) ?ar. samatranui Beer.	153	tennis Boxh.	94
oroideni Thw.	164	tetradactylui Rane.	10M04A
Ojleyanus Teysm. \$ Binn.	2C3	Thwaitesii Becc.	1041
pachystachyi Warb.	212	lbwaiteaieanaranaa Becc.	12
pachyatemonus Thw.	2/	thysanolepia Rane	224
pallidulus Becc.	• S00	tomentosus Becc.	136
paluitria Griff.	173	tomentosua Tar. Korthalsiaefoliui Becc.	136
palnstria (Griff.) rar. ampliesimus Becc.	174	onkineosia Becc.	100
paluatua (Grip.) yar. cocbinchinensis Becc.	176	trancoricna Bedd.	121
papiuuous Becc.	4811	trispermus Becc.	• J8u
paapalantua Becc.	111	nnifariw H. Wendl.	»J6
pasp. feminaolaria Becc.	111	unifariua (R. Wendl.) Tar. pentong Belx.	207
paap. peniDS. (aterilia) Becc.	113	resitius Becc.	• 88
perabesbia Beer.	1%	Vidalianua Becc.	211
Perrottetii Becc.	26	vuainalis (Willd.) T.r. andamauius B _H t	88
pilosellns Becc.	132	viminialis faaeicolatua Becc.	67
platyapathiu Mart.	11/	viridipians Becc.	114A
platyacantua Warb.	193	Titiesis Warb.	1A
plicatua BL.	143	Walkerrriifew., []	98
polydesmui Becc.	191A	Warburgii k. Schum. []	170
poiystachya Becc.	162	zebrinui Becc.	74
pseudo-tenuis Becc.	69	zeylanicus BHC.	16&.160
pseudo-malii Becc.	68	zolliegerii Becc.	164-166
pygmaeus Becc.	60	tomtit Btec.	• 84



O. Beccari del.

FIG 1-9 CALAMUS EKECHIS-FIG 10. C. PLAGELLUM FIG 11-12 C. SCIPIOJUM.

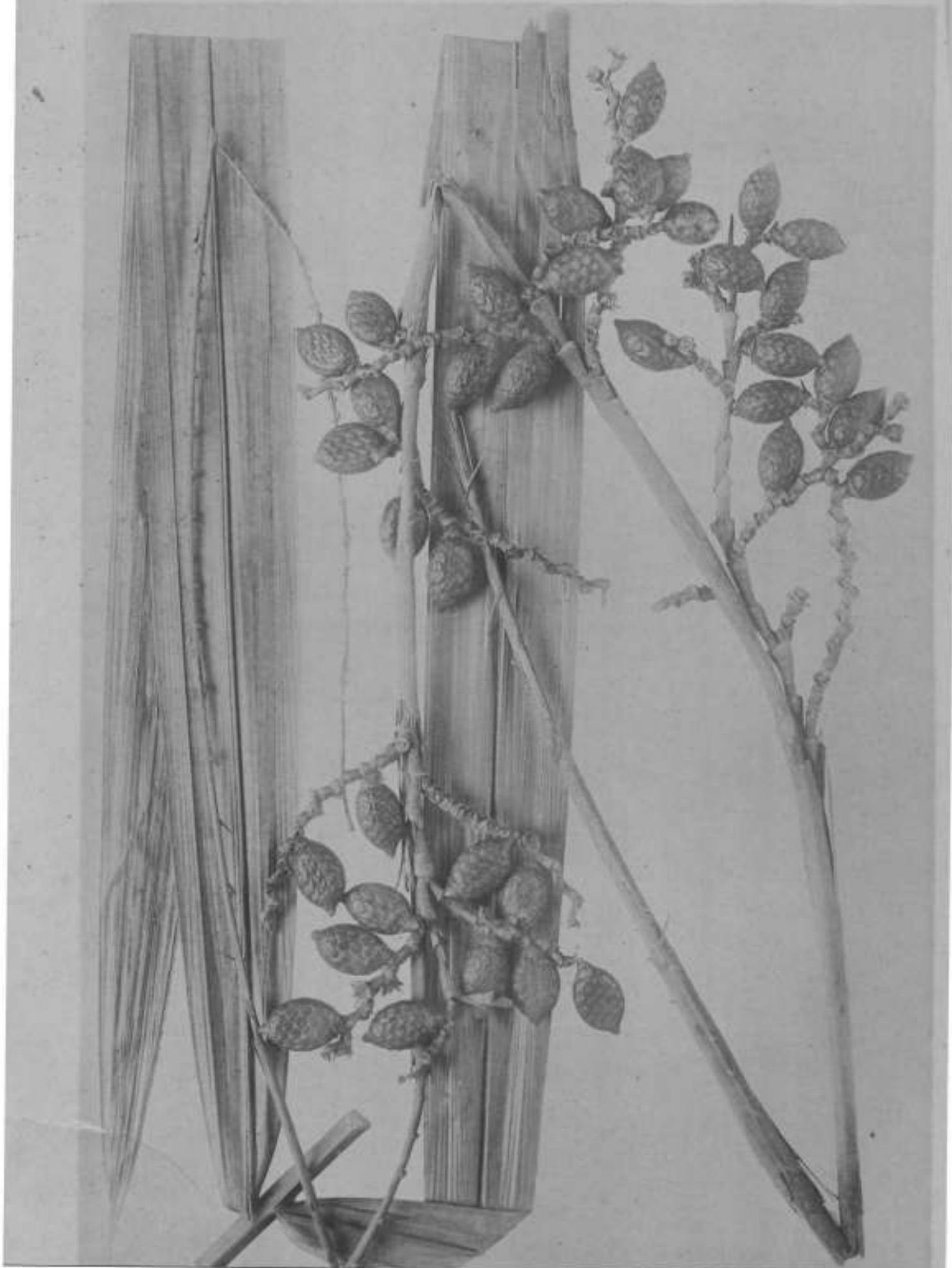


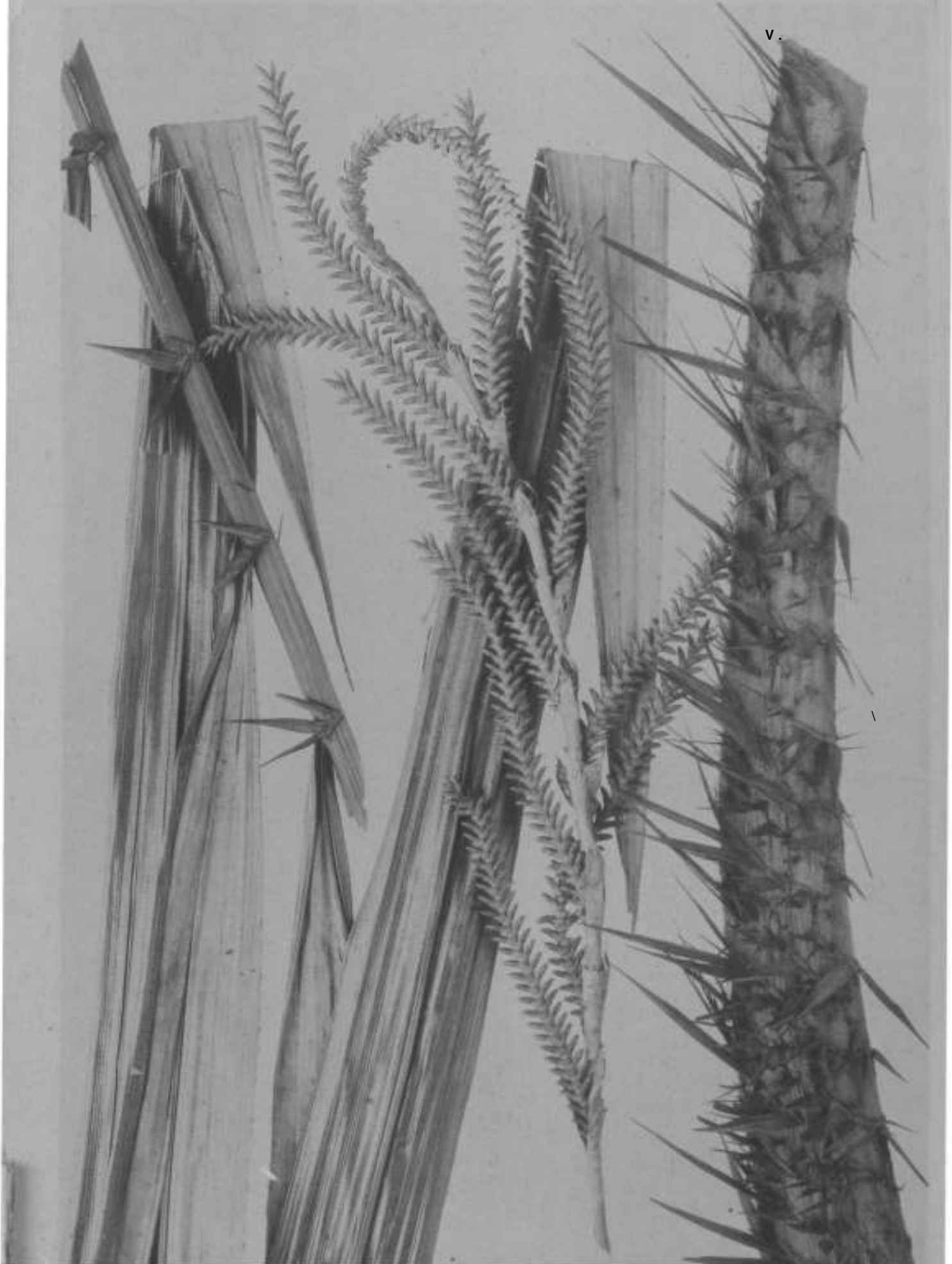
aa

E. F. Dore del.

O. Bexan del.

FIG. 1. C. UKUFAKII; FIG. 2. C. TONC-PIC.E. CALAMUS ZOLLINGERI; FIG. 3. C. DIDYMOCARPUS; FIG. 4-11. C. GRIFFITHJAWUS

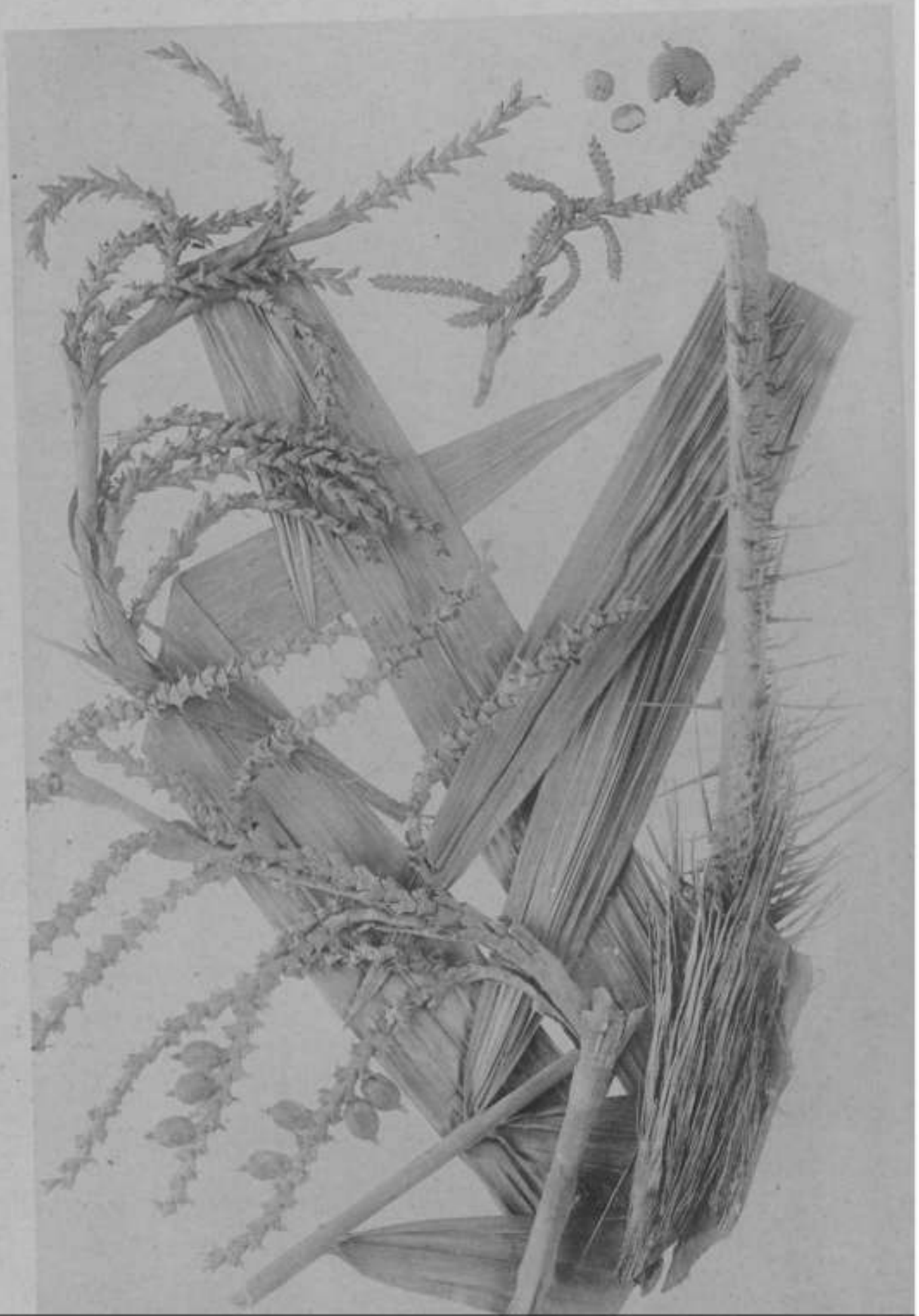


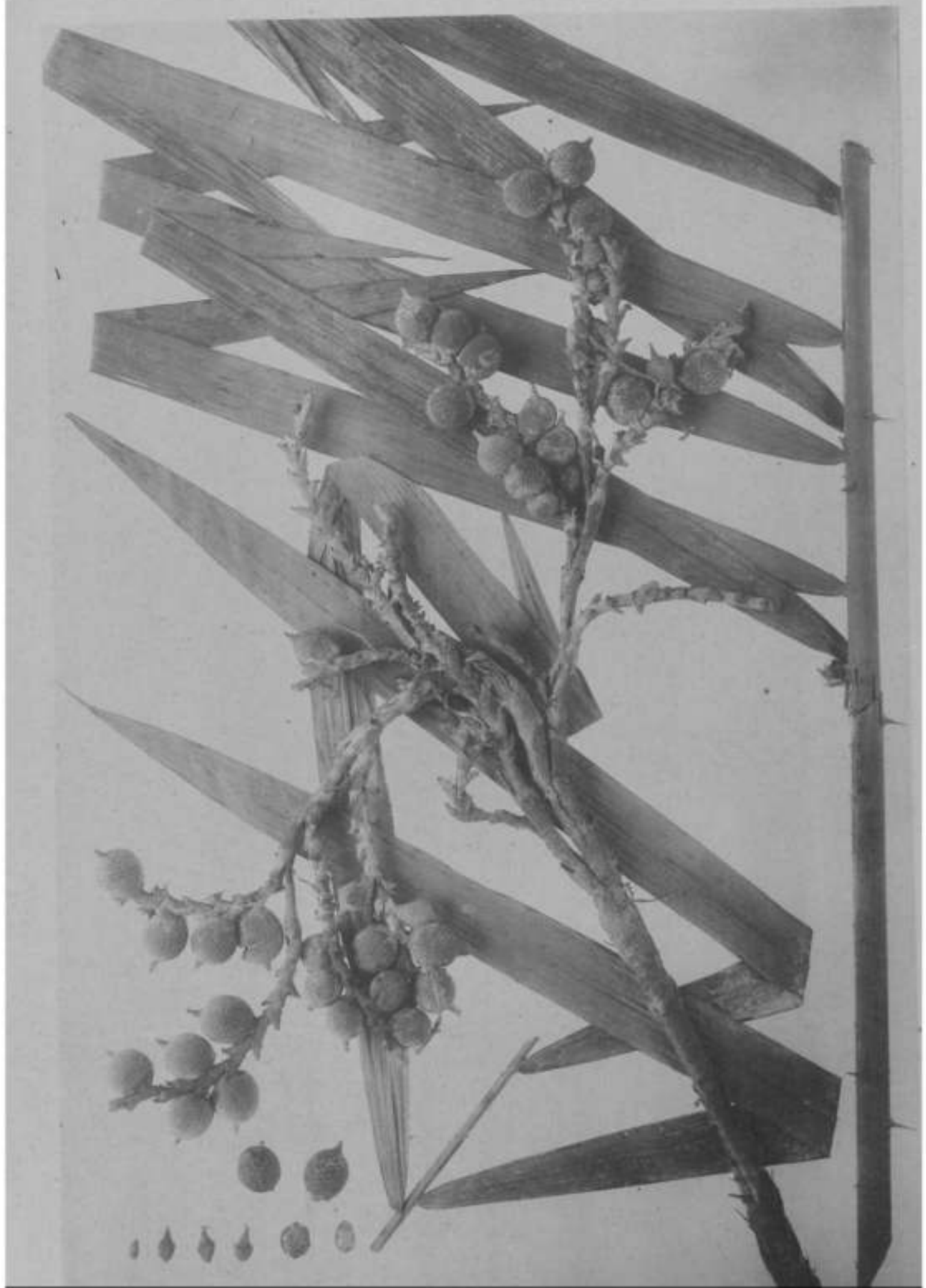






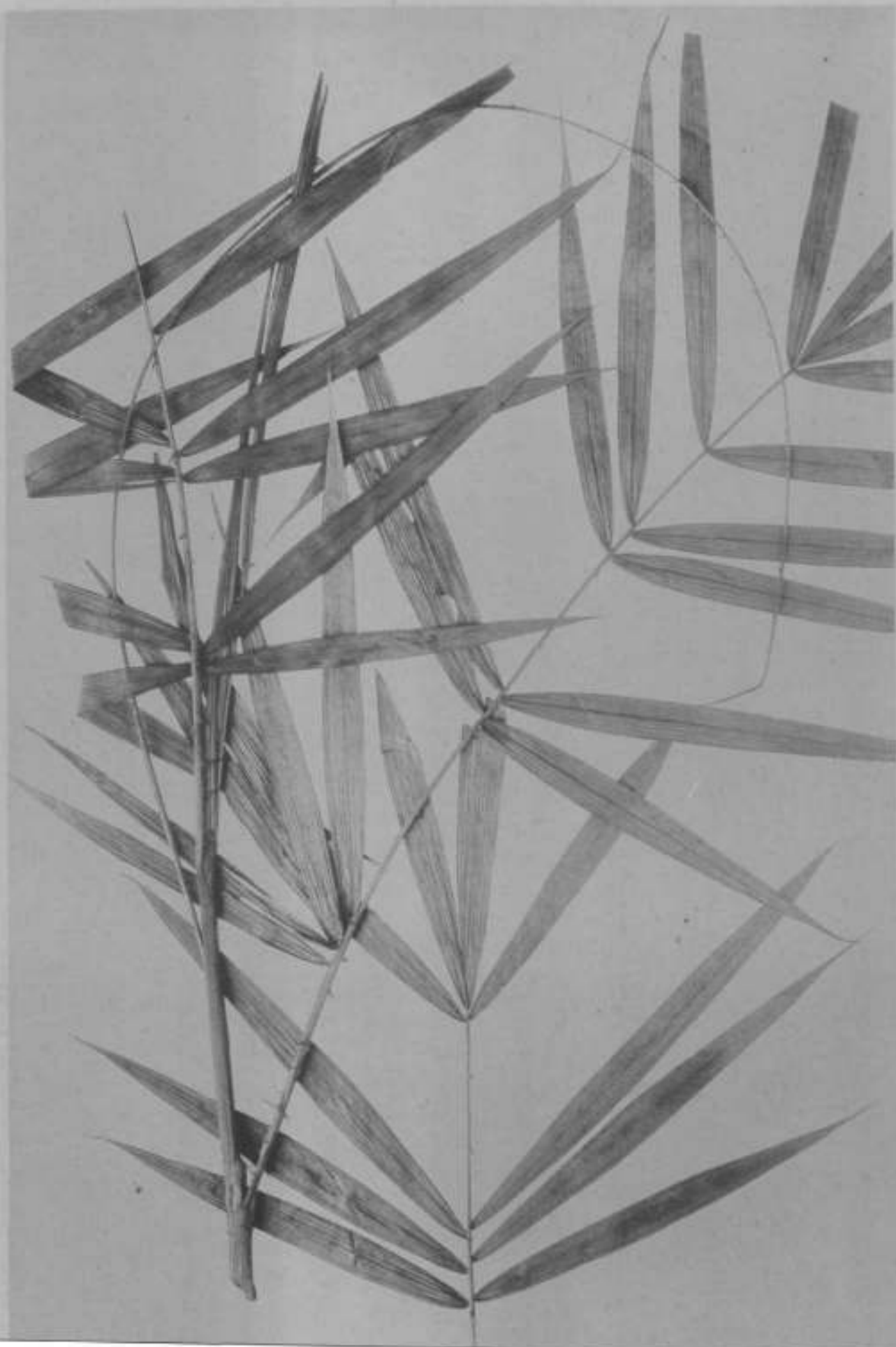
It
4/









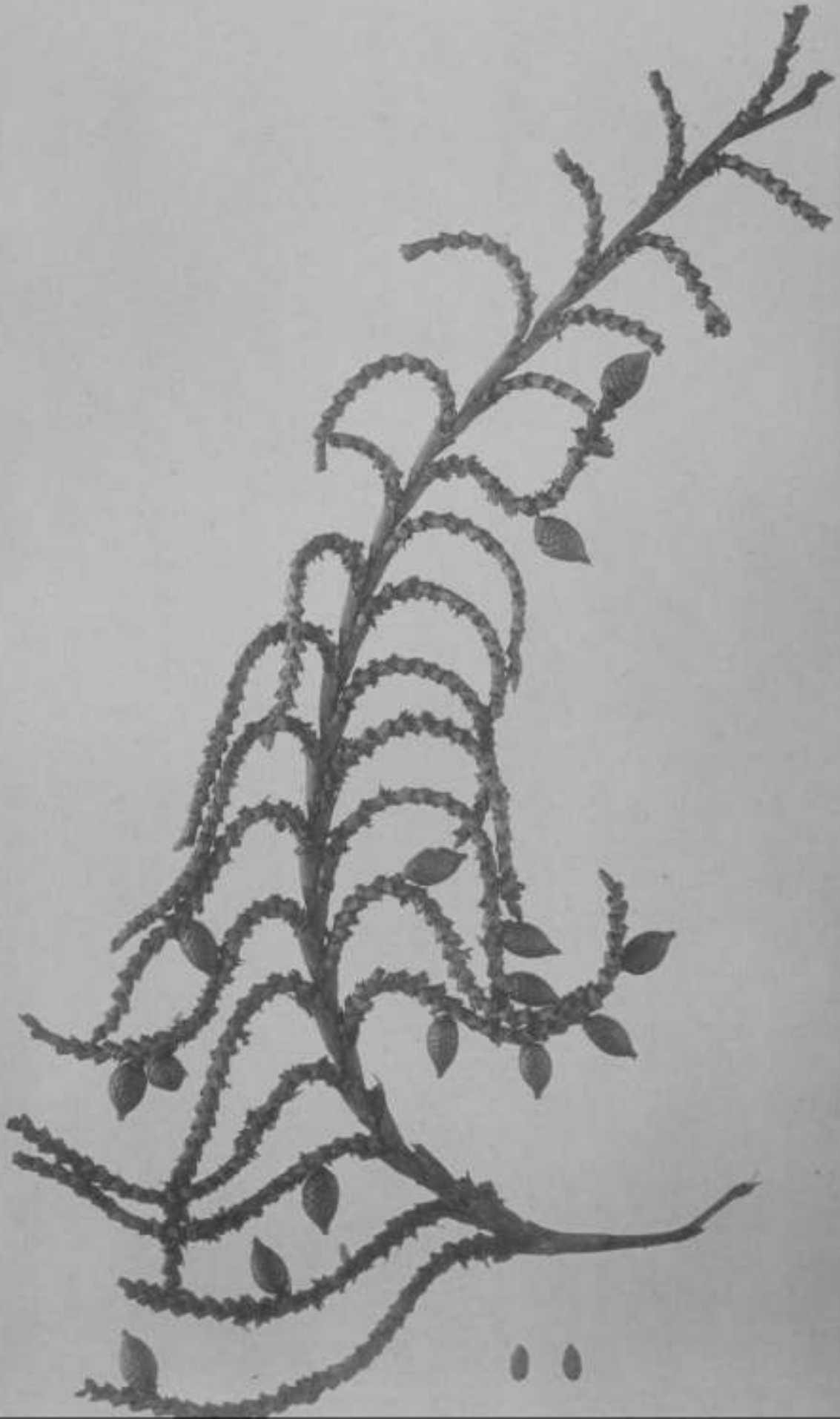






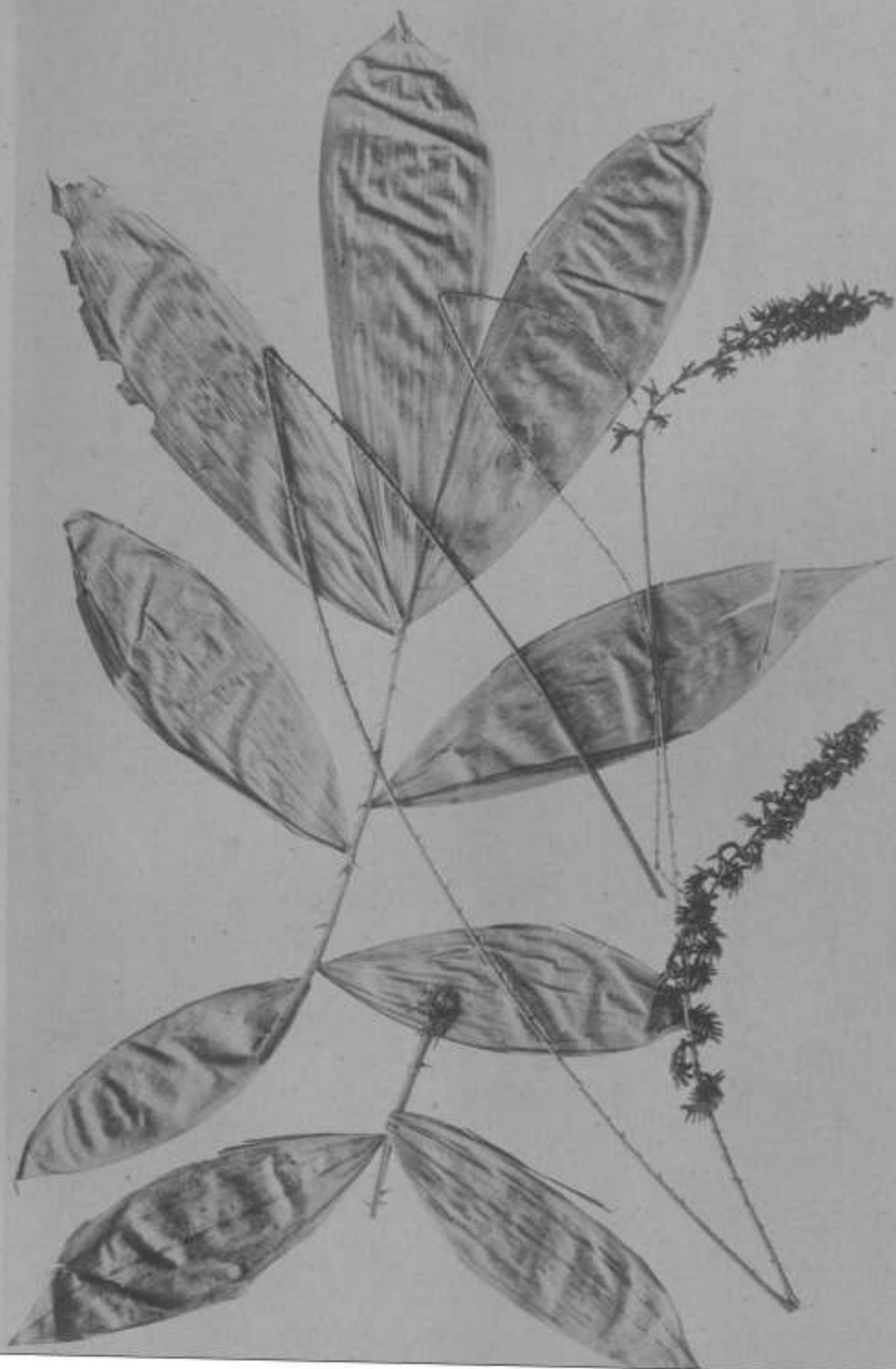














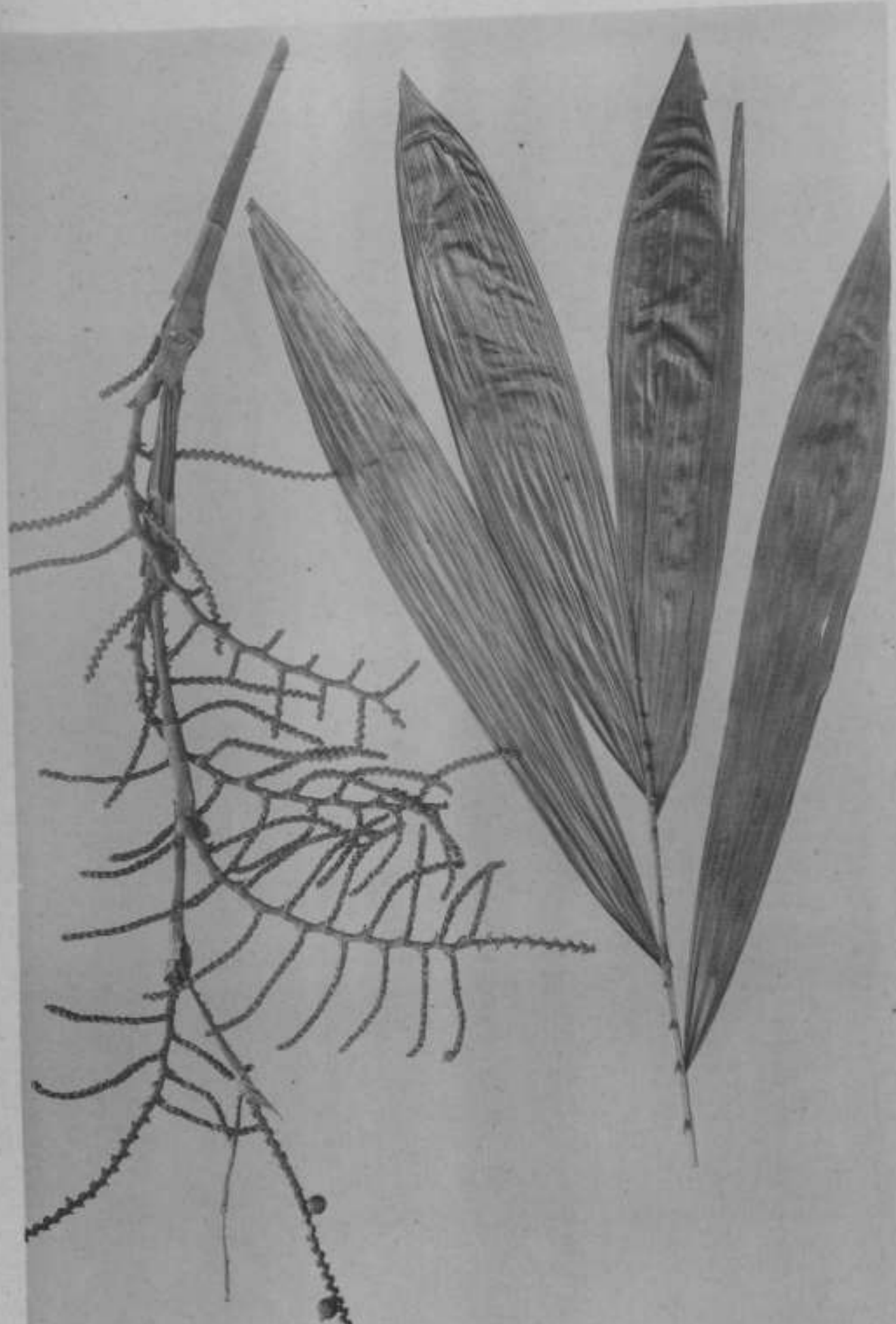
Baobab. Aiwio Films. LERUDOHNTAZ.



Mount. Herbar. Palov. — LINDLEYAN



Pectis pectinata L. - LEPIDOCYKNEAE.







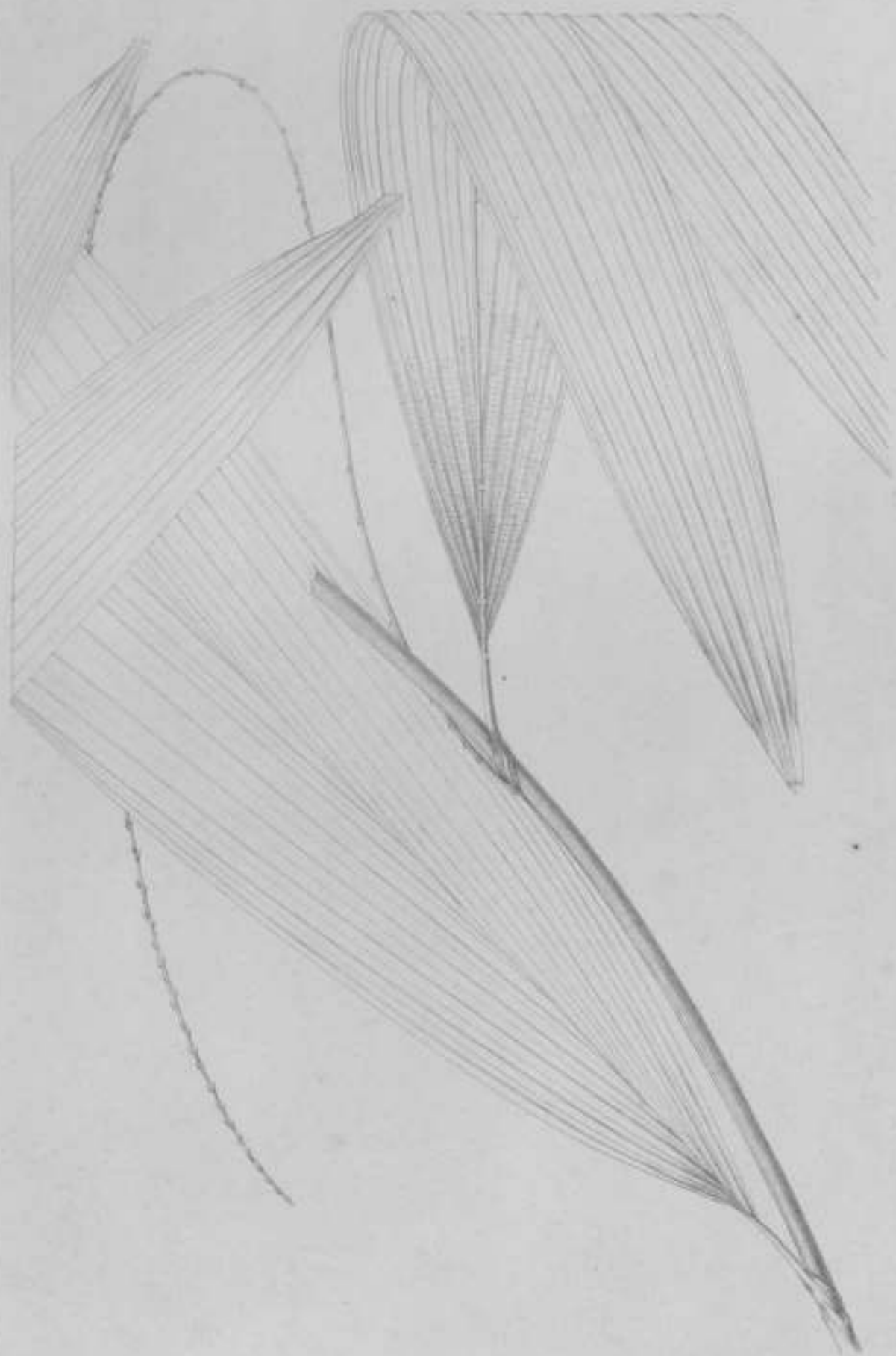
W. J. H. S. P. L. M. E. LEPILOCAHVEAE.



Robert, Asaka Palms — LEPTODERMIS









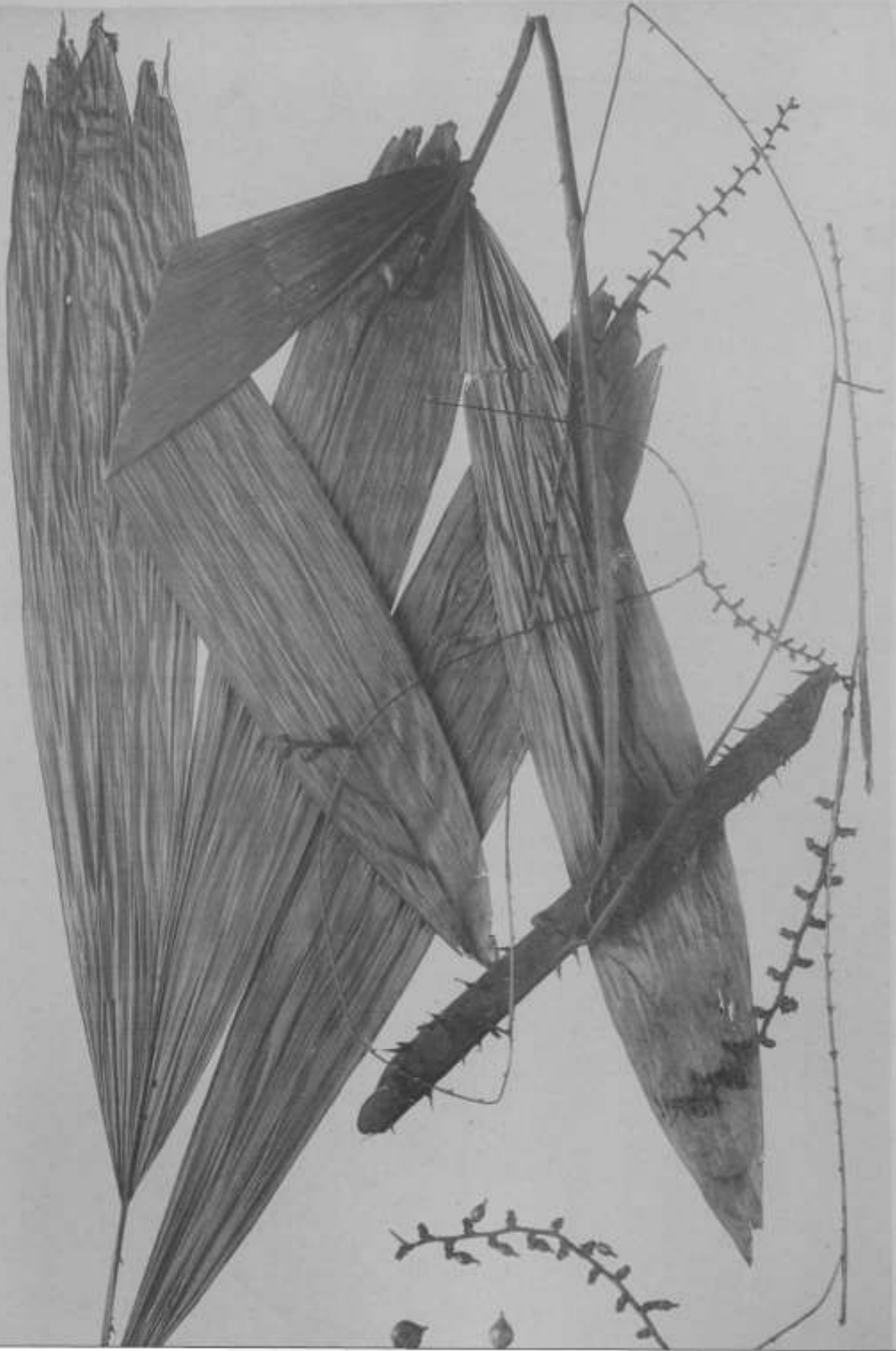














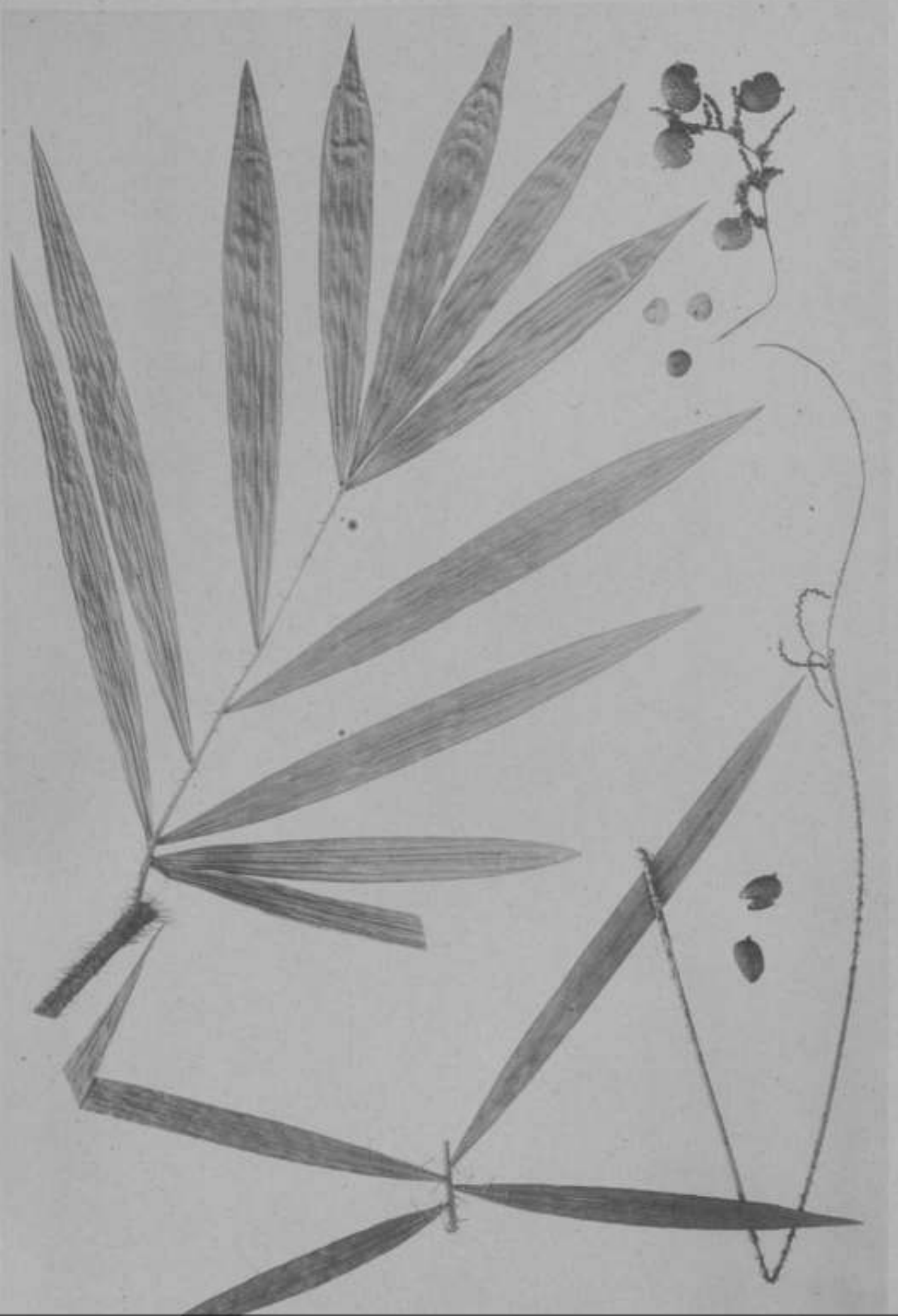






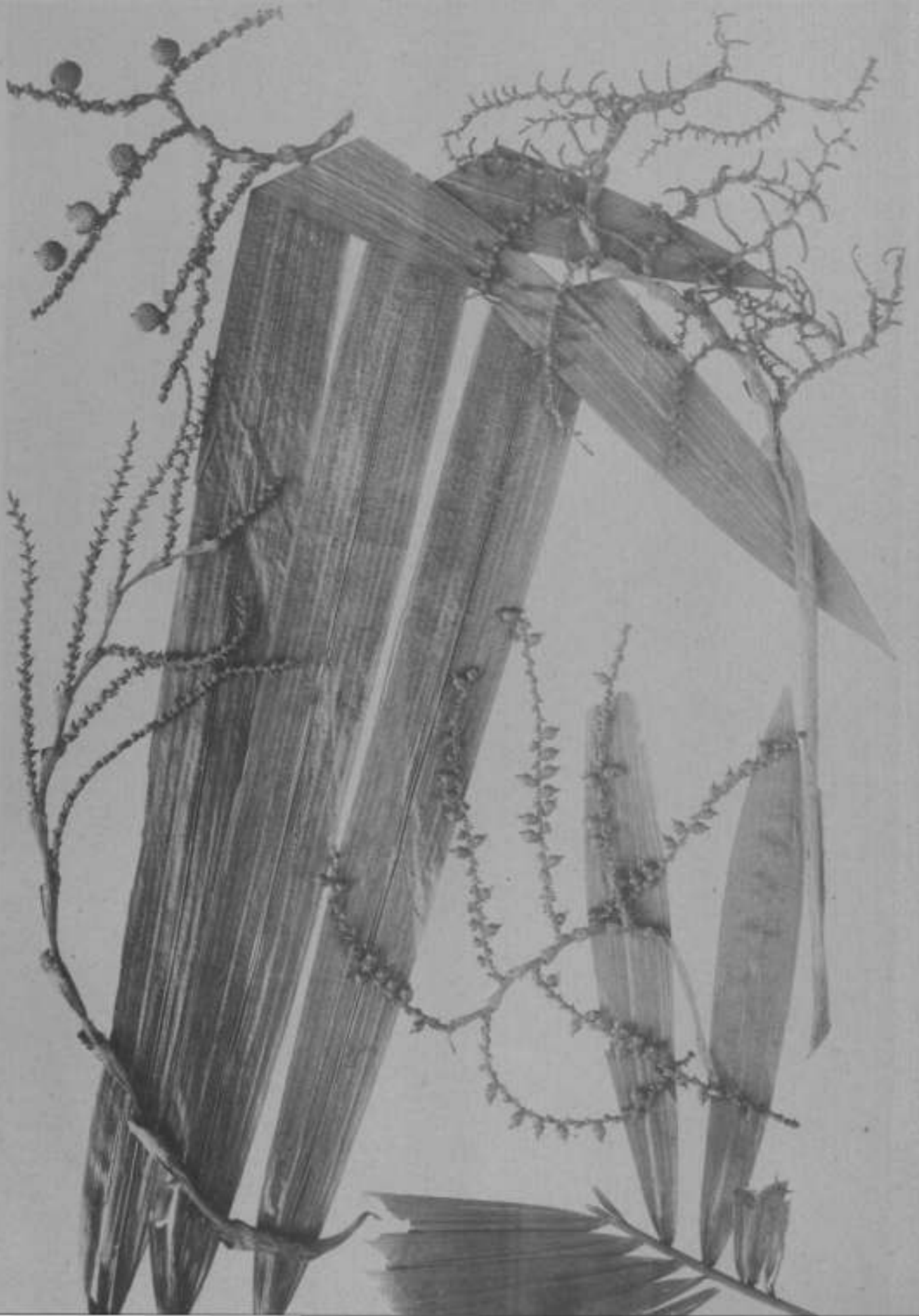












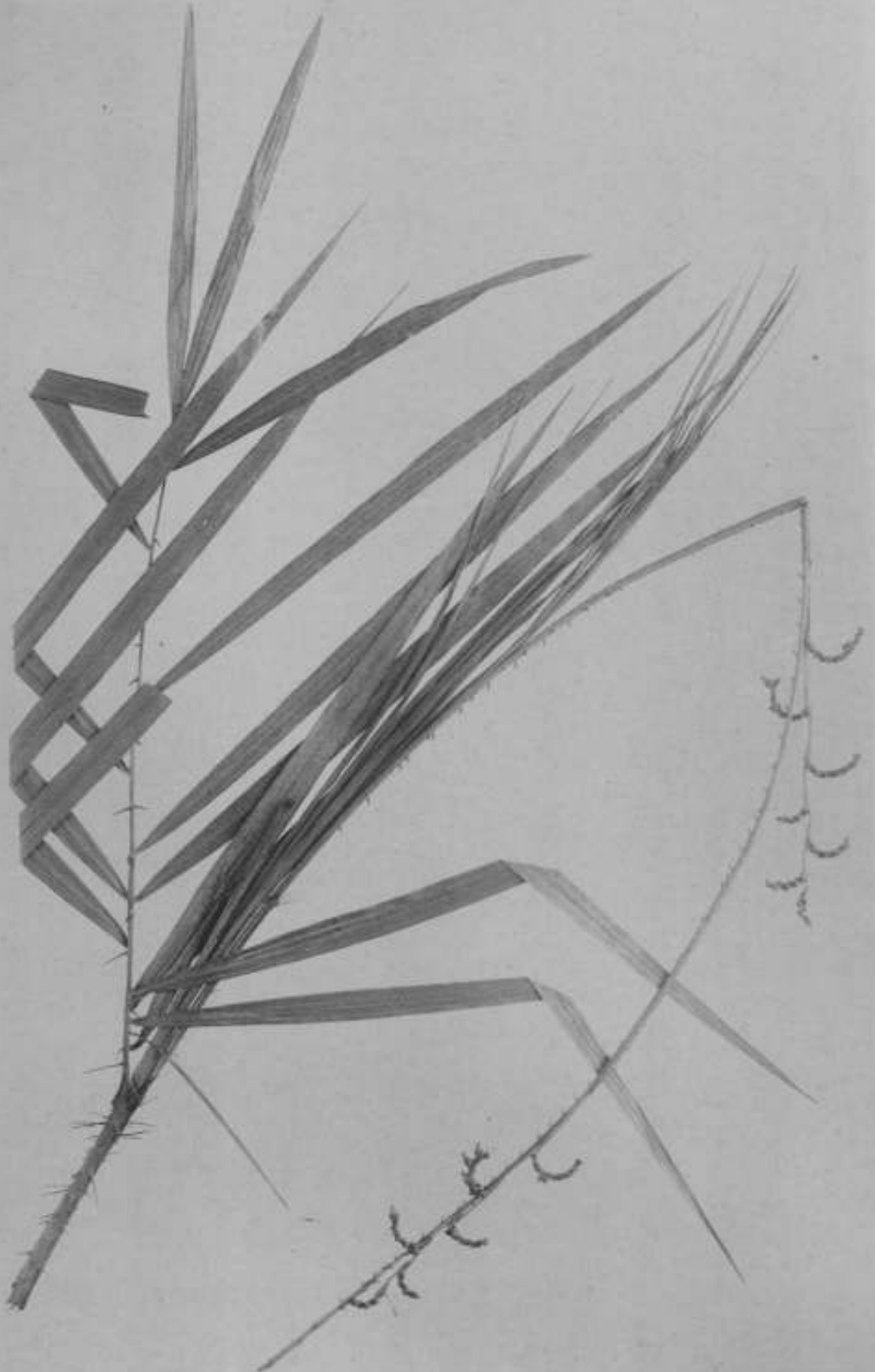
B'oori, Asiatic Pikr'i - LEP1 DOC' A

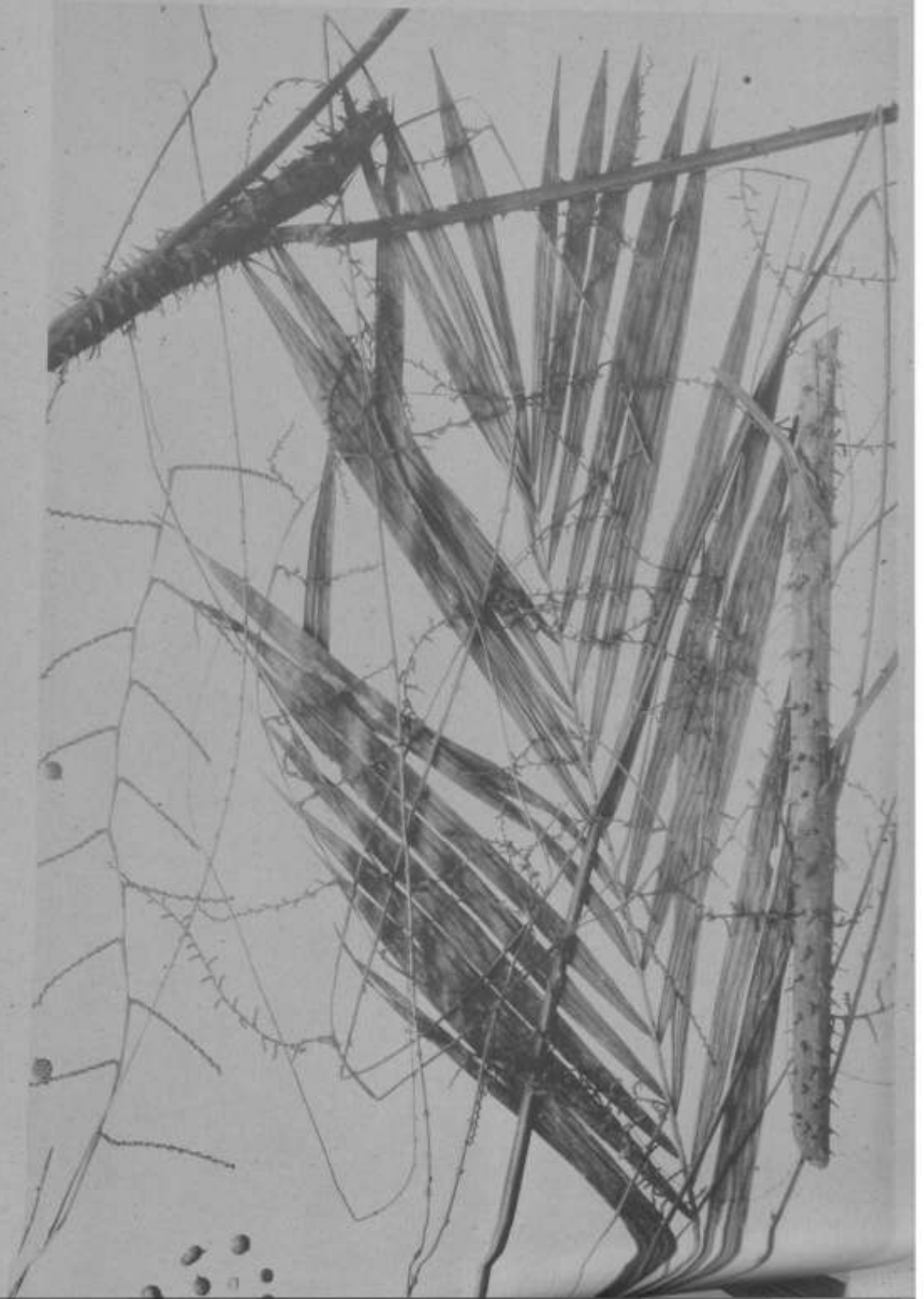


Vm. - *Yucca puberula* - YUCCACEAE

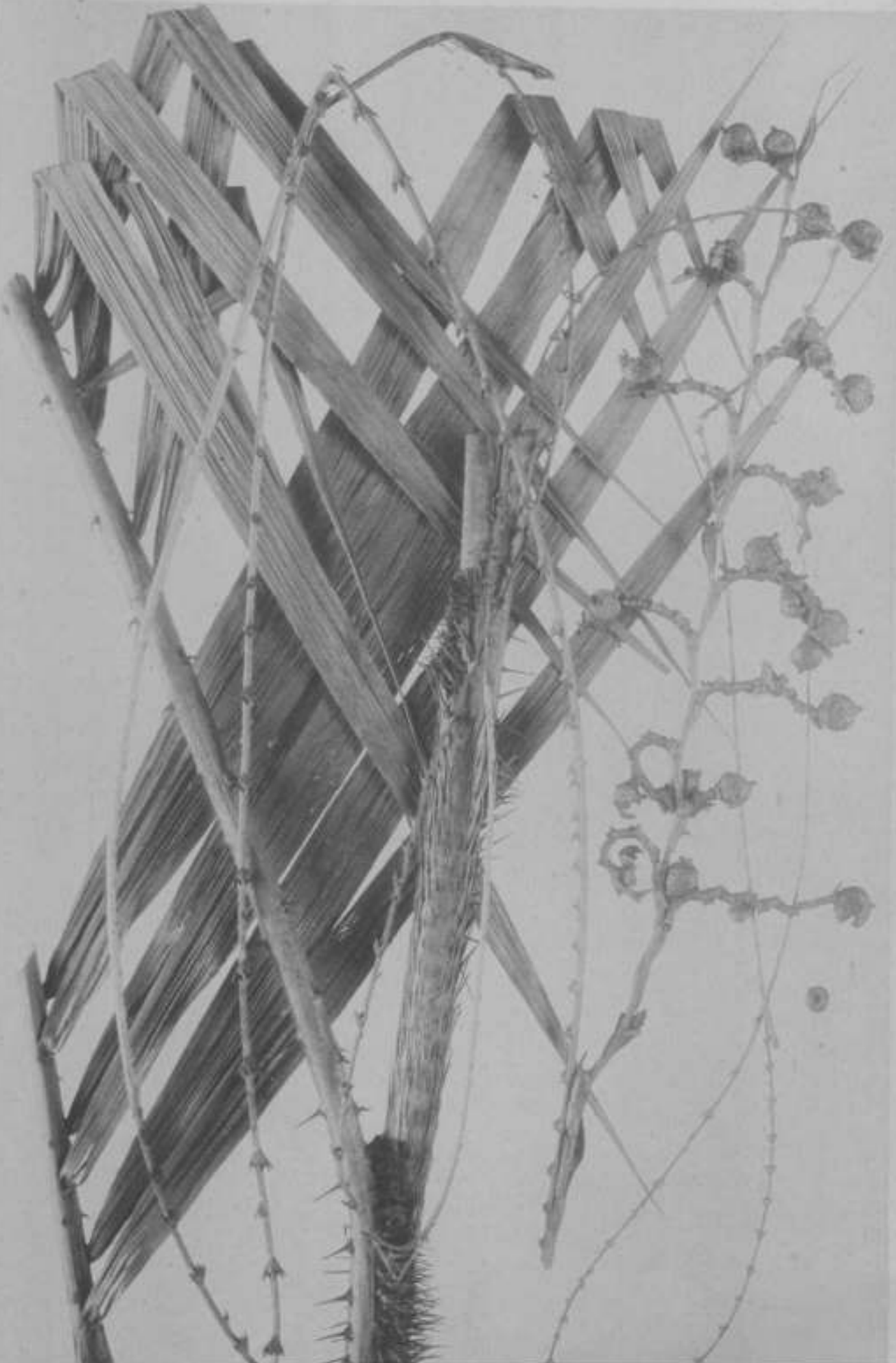






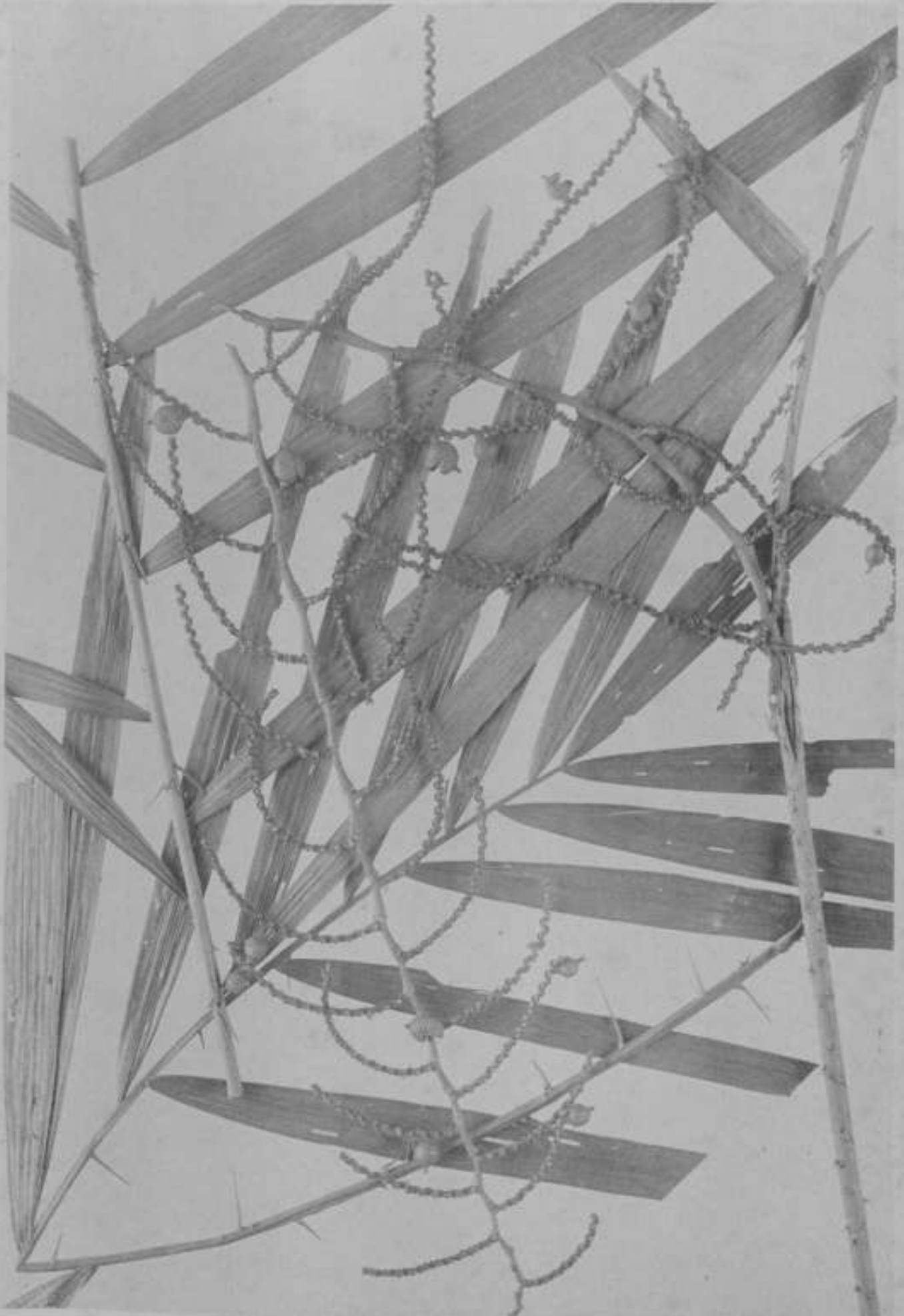










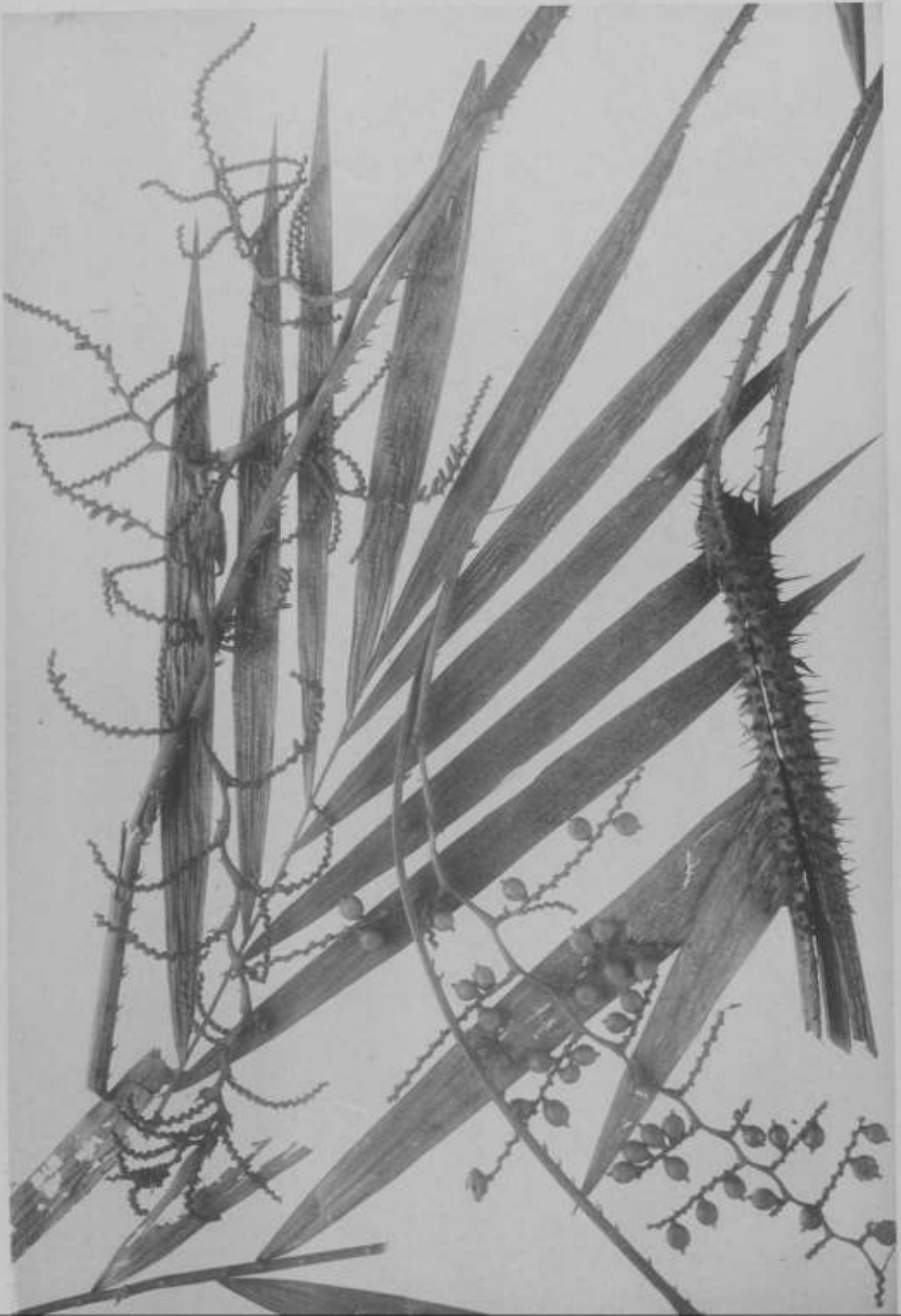


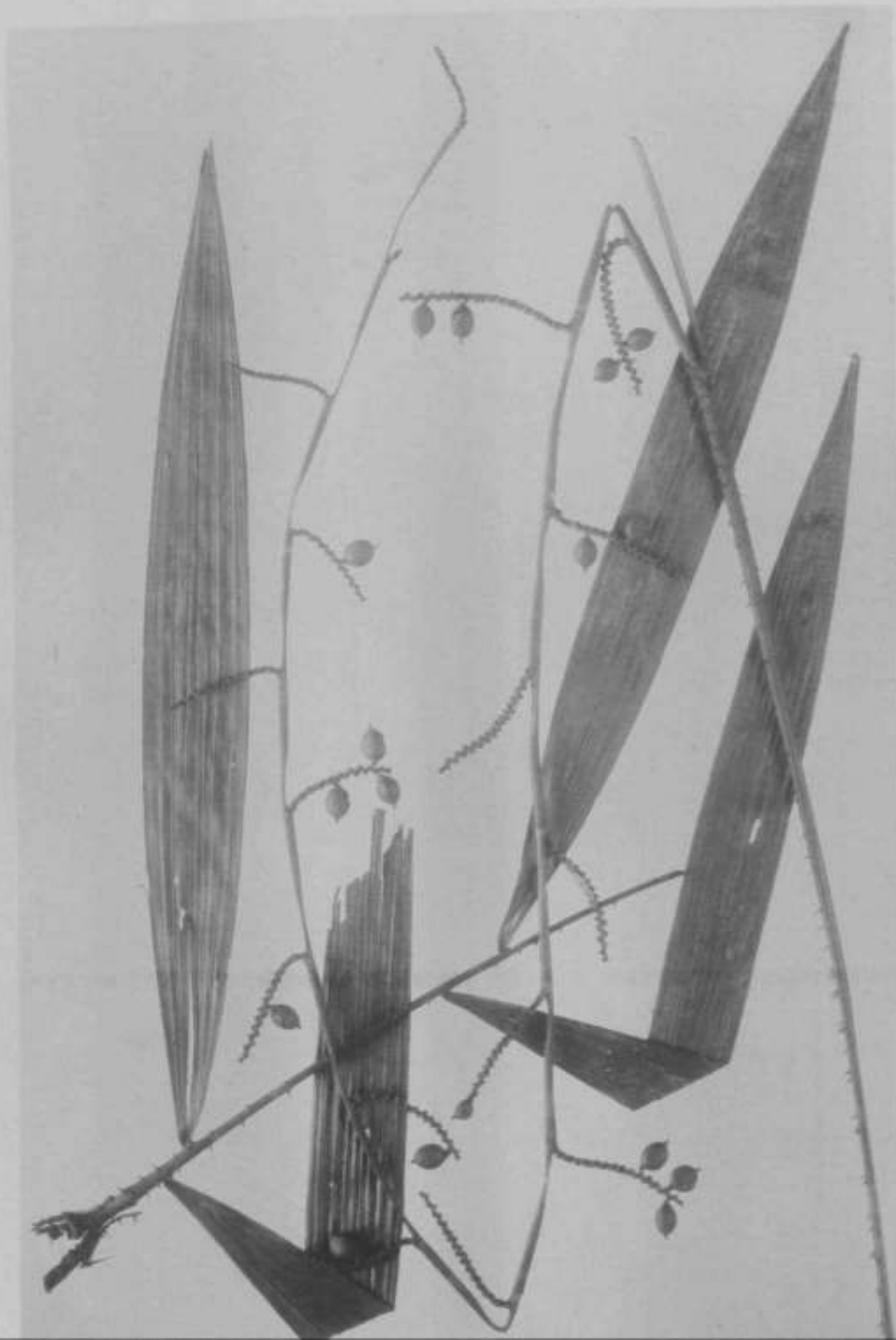


m
mi: 1

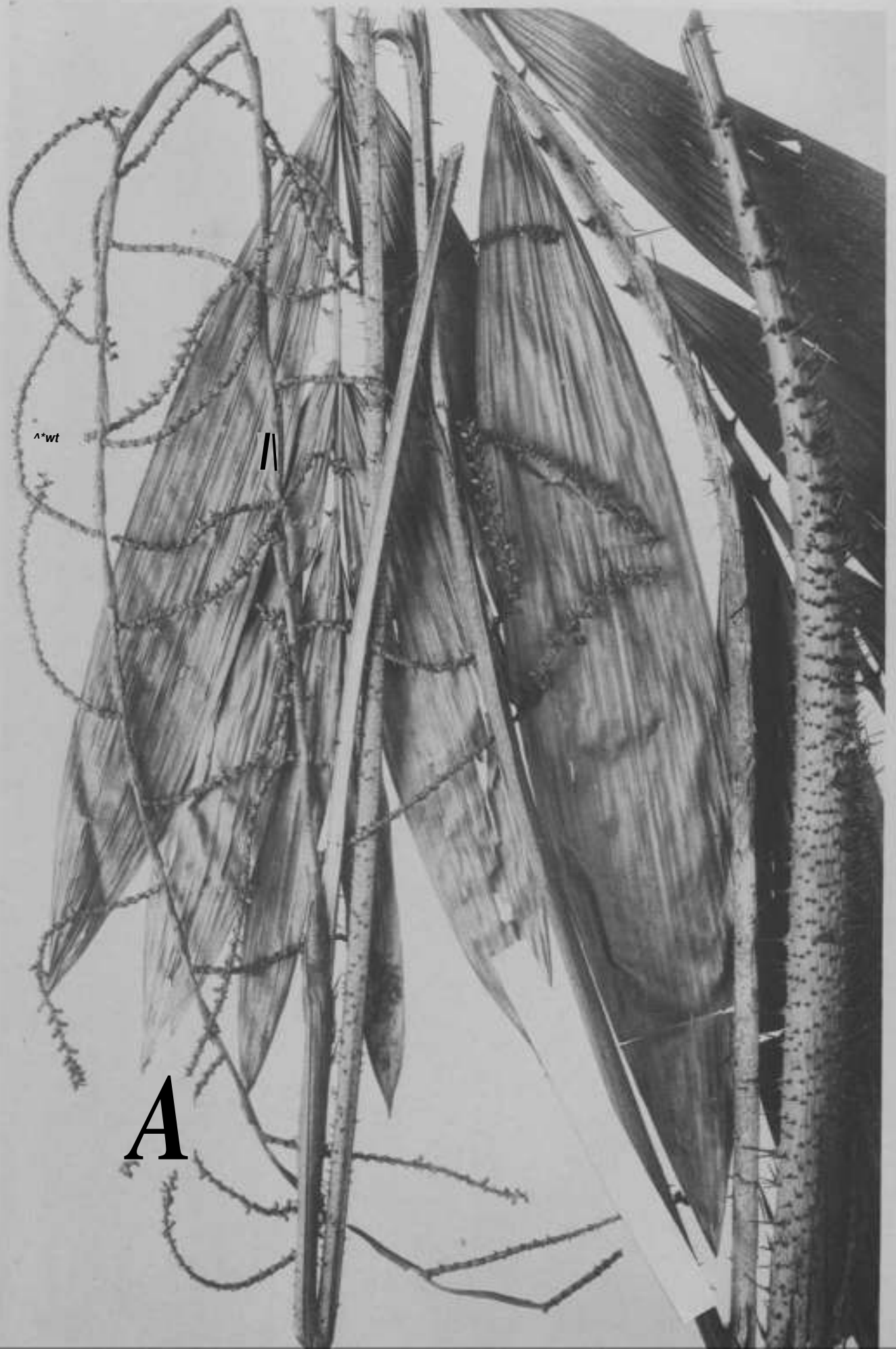








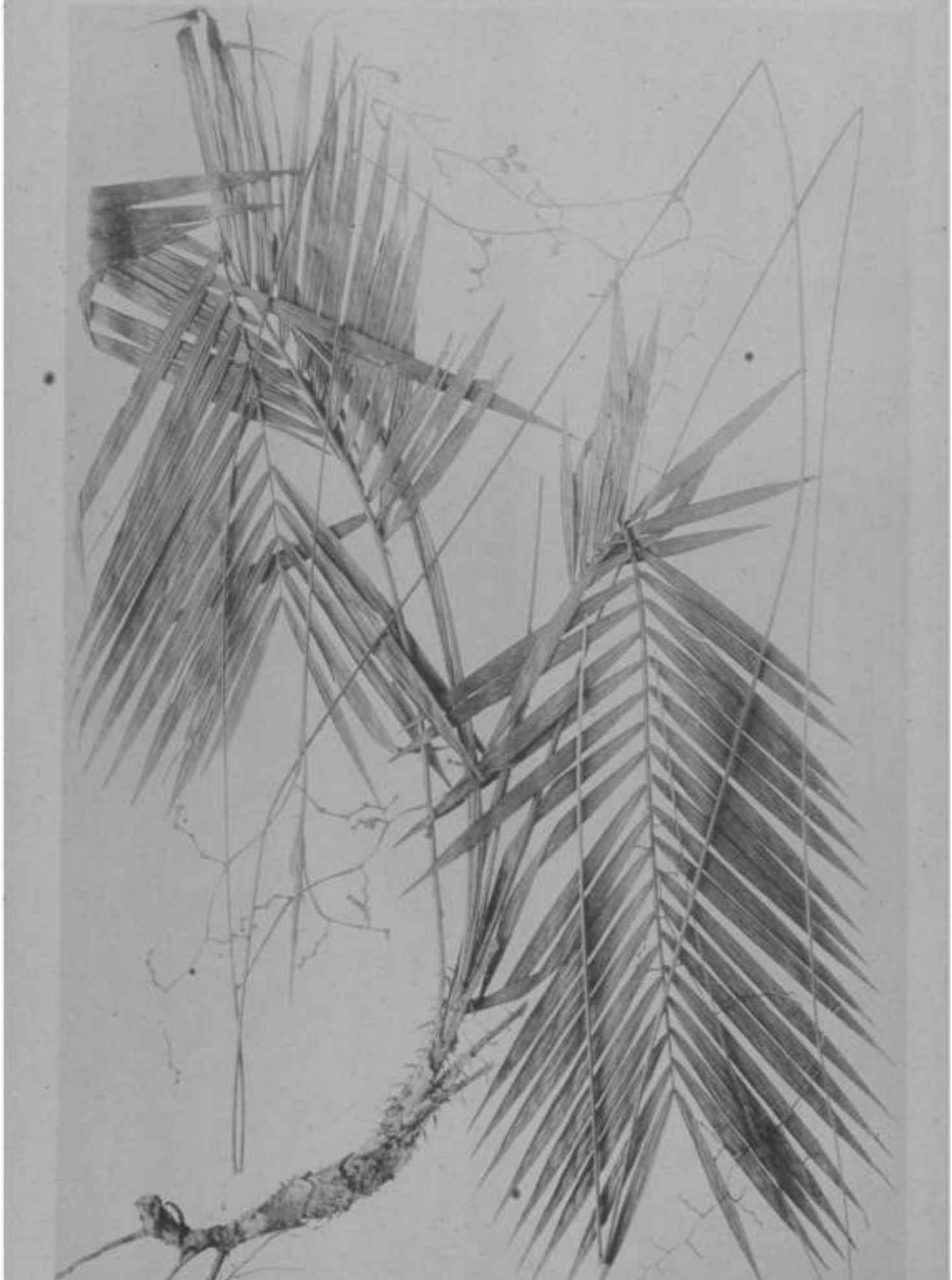




A*wt

A

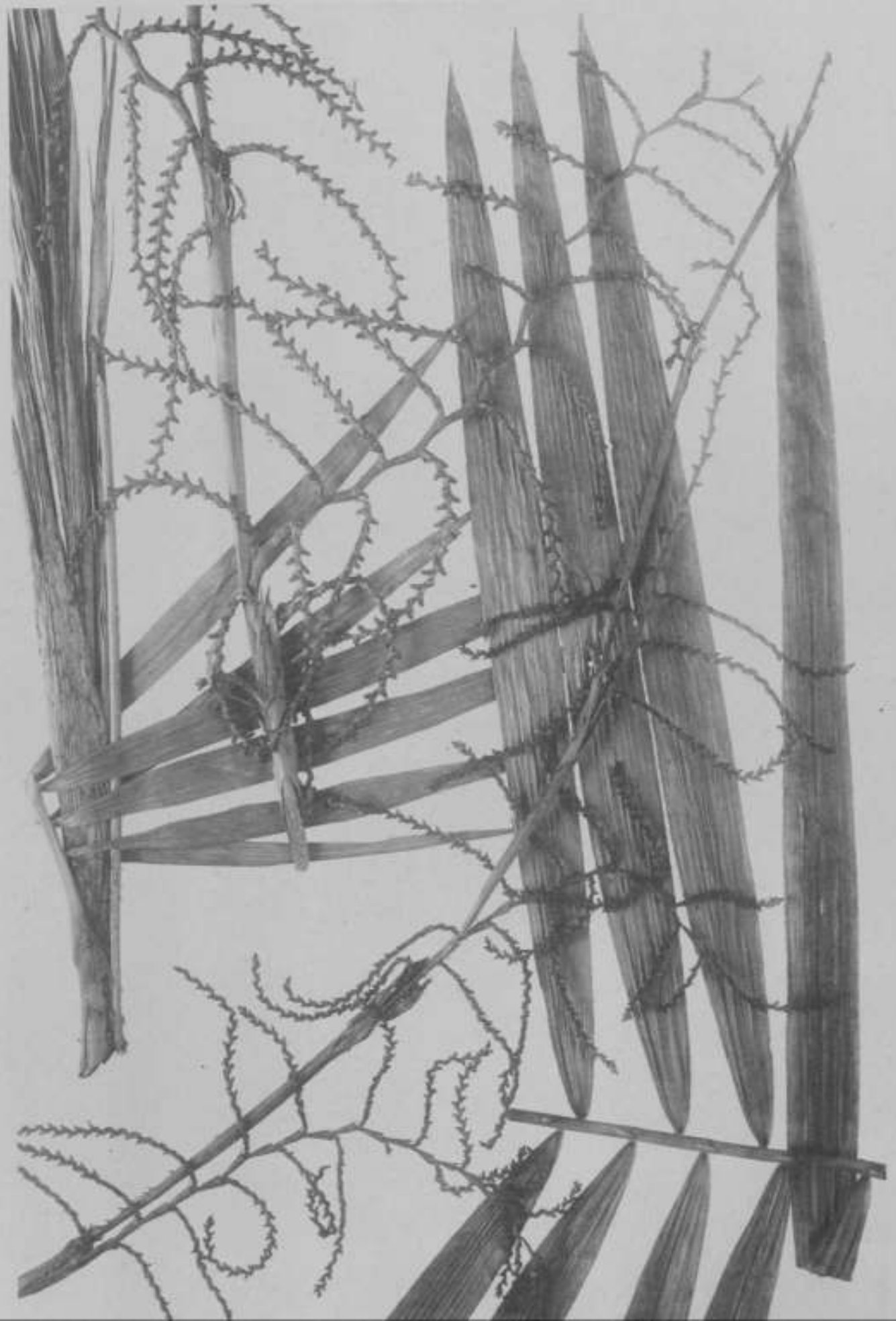
A













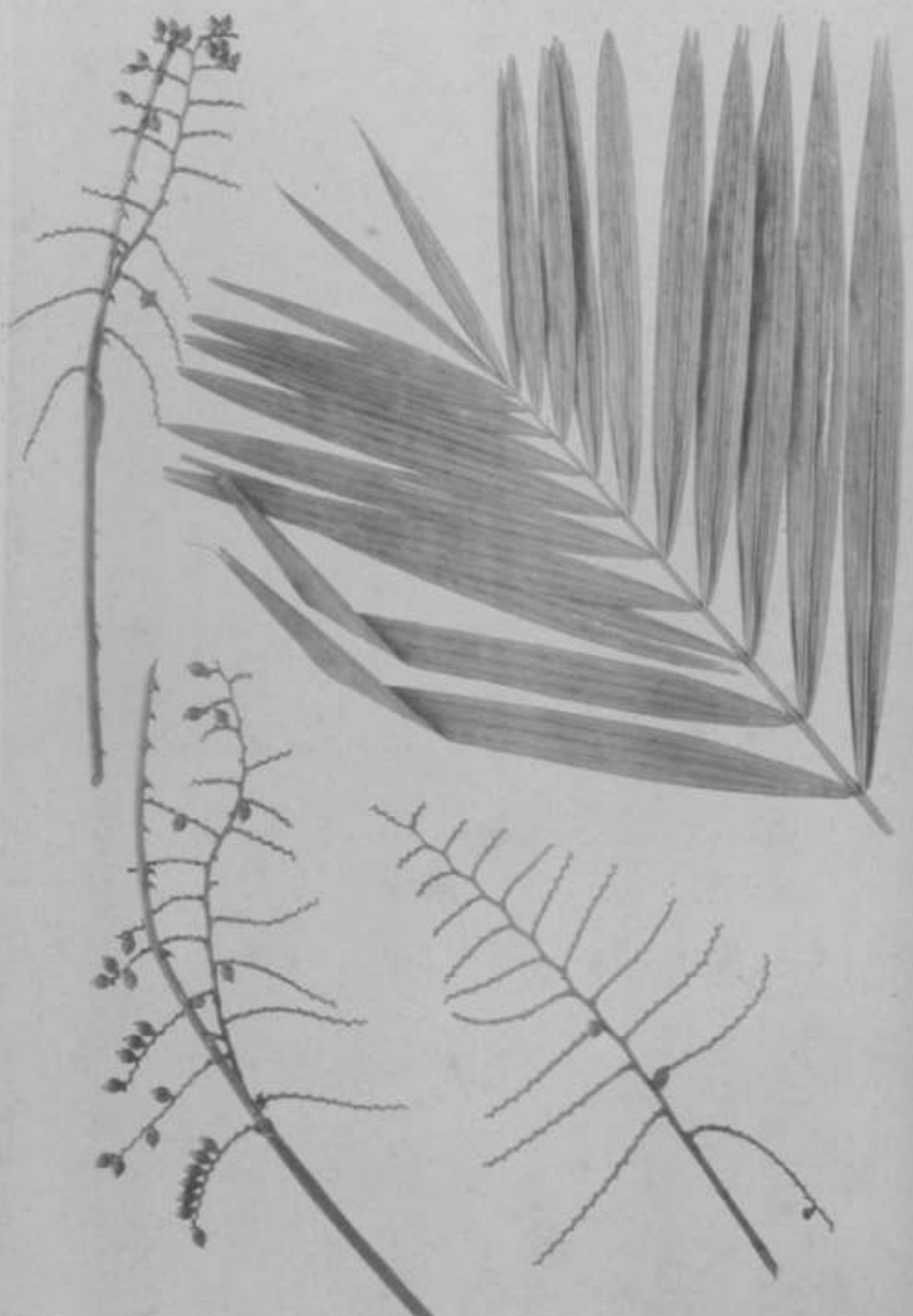








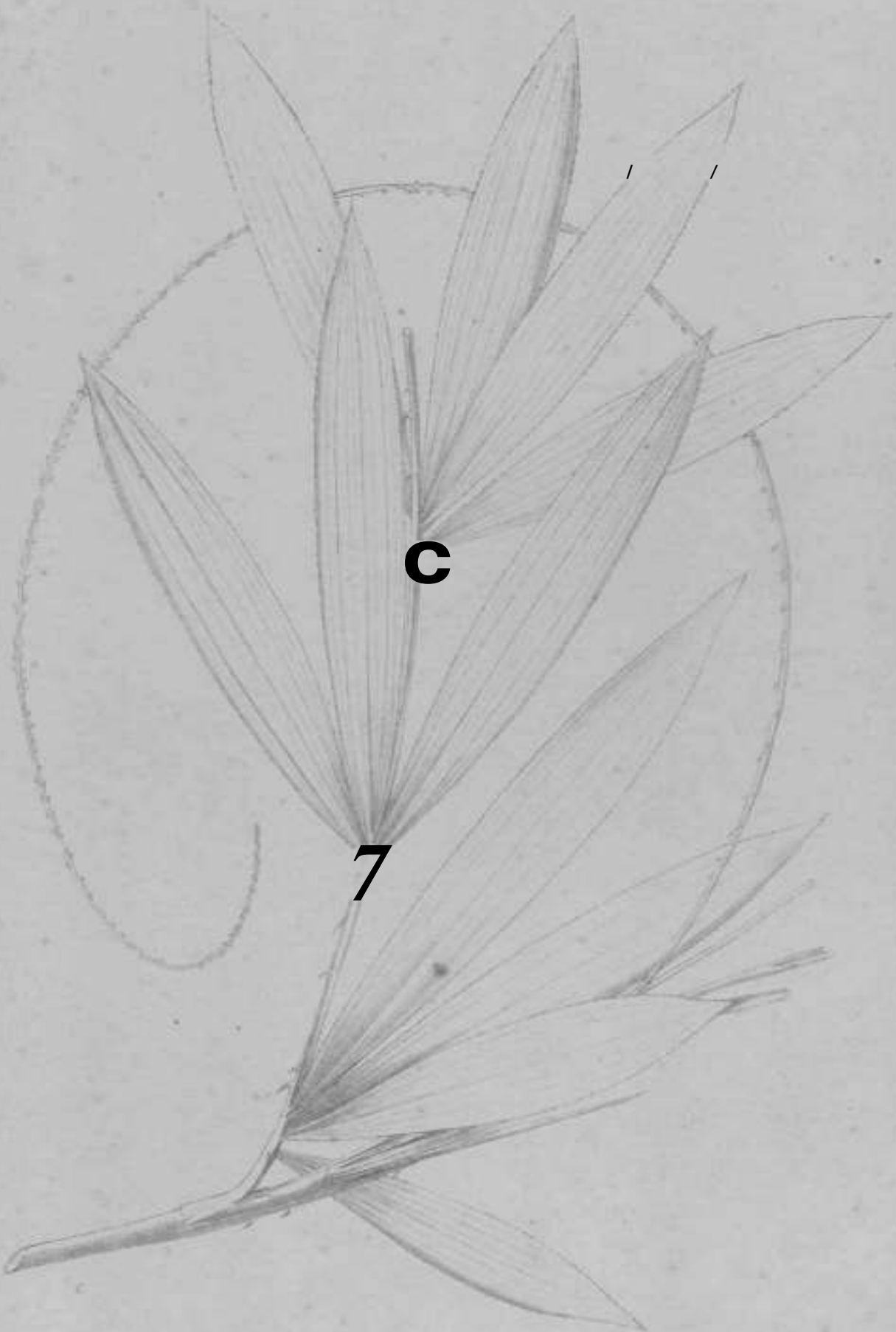








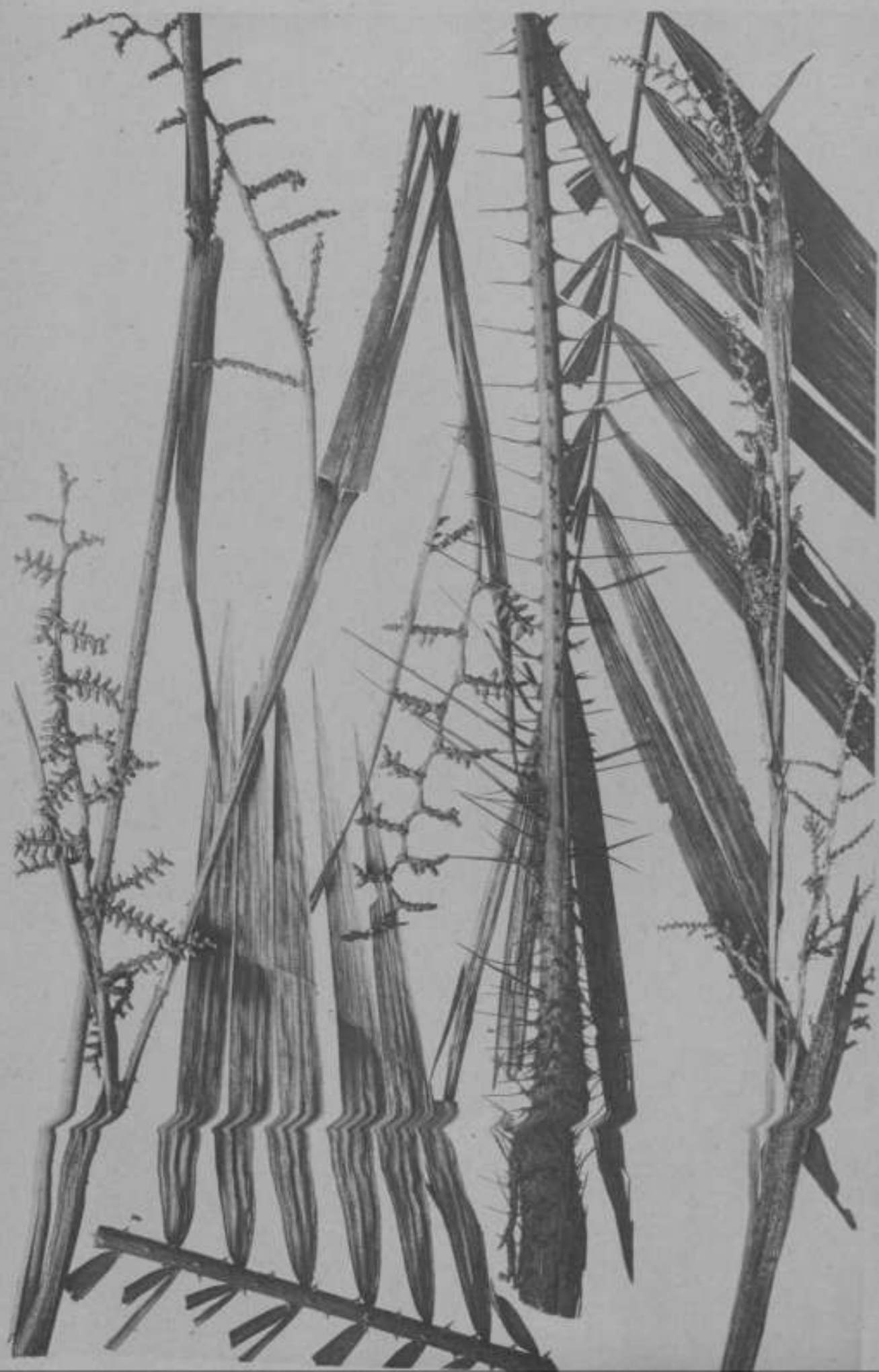


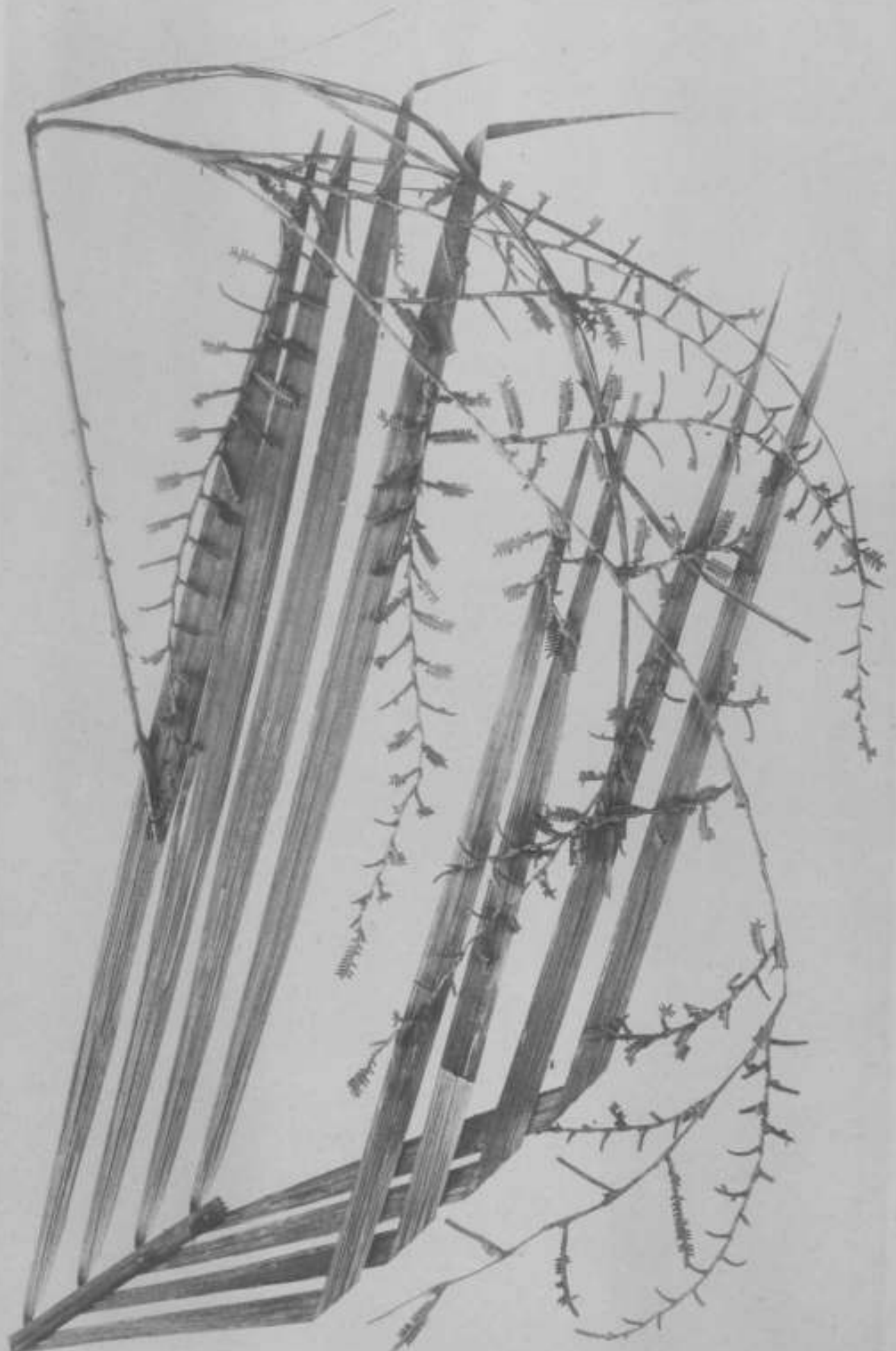


c

7













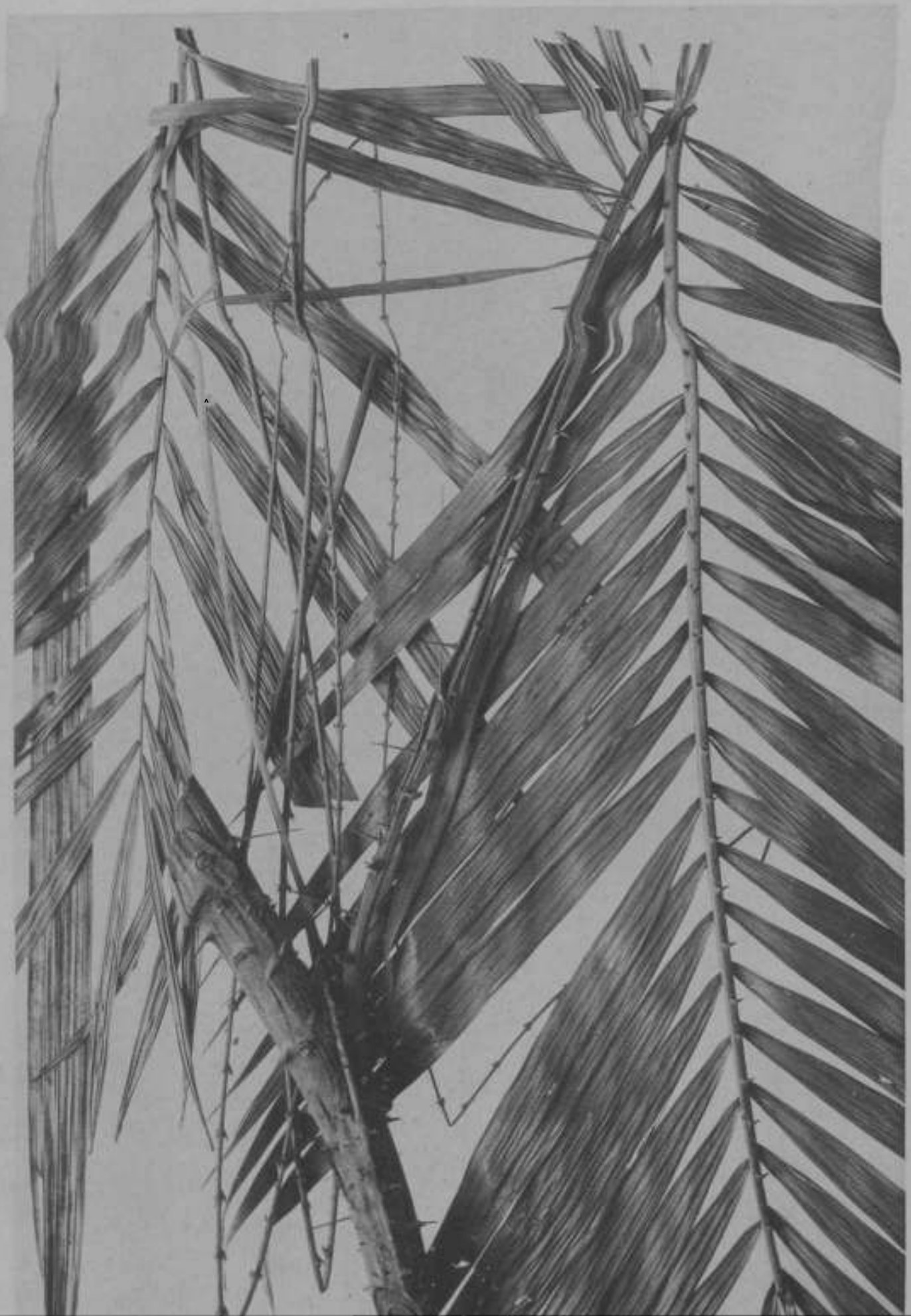










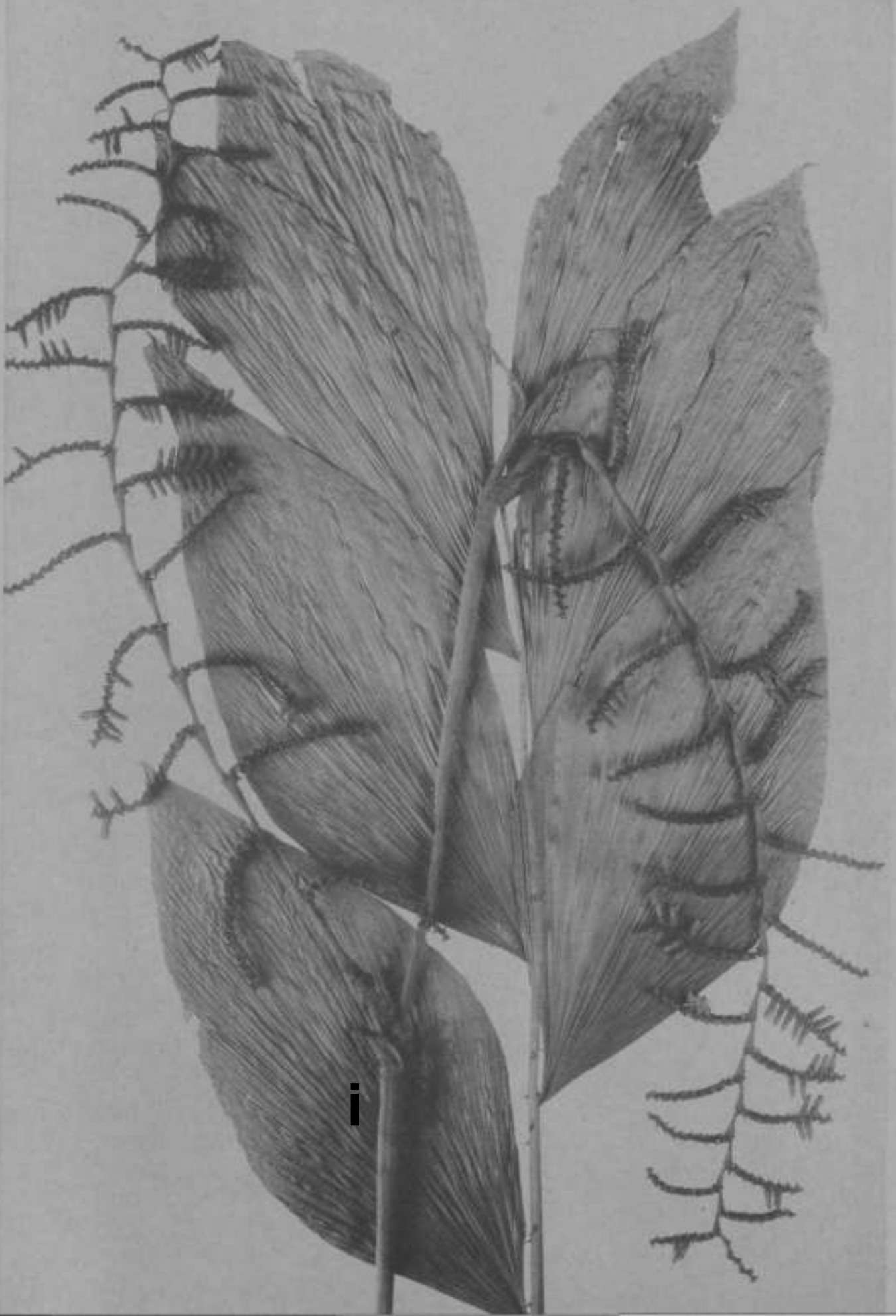








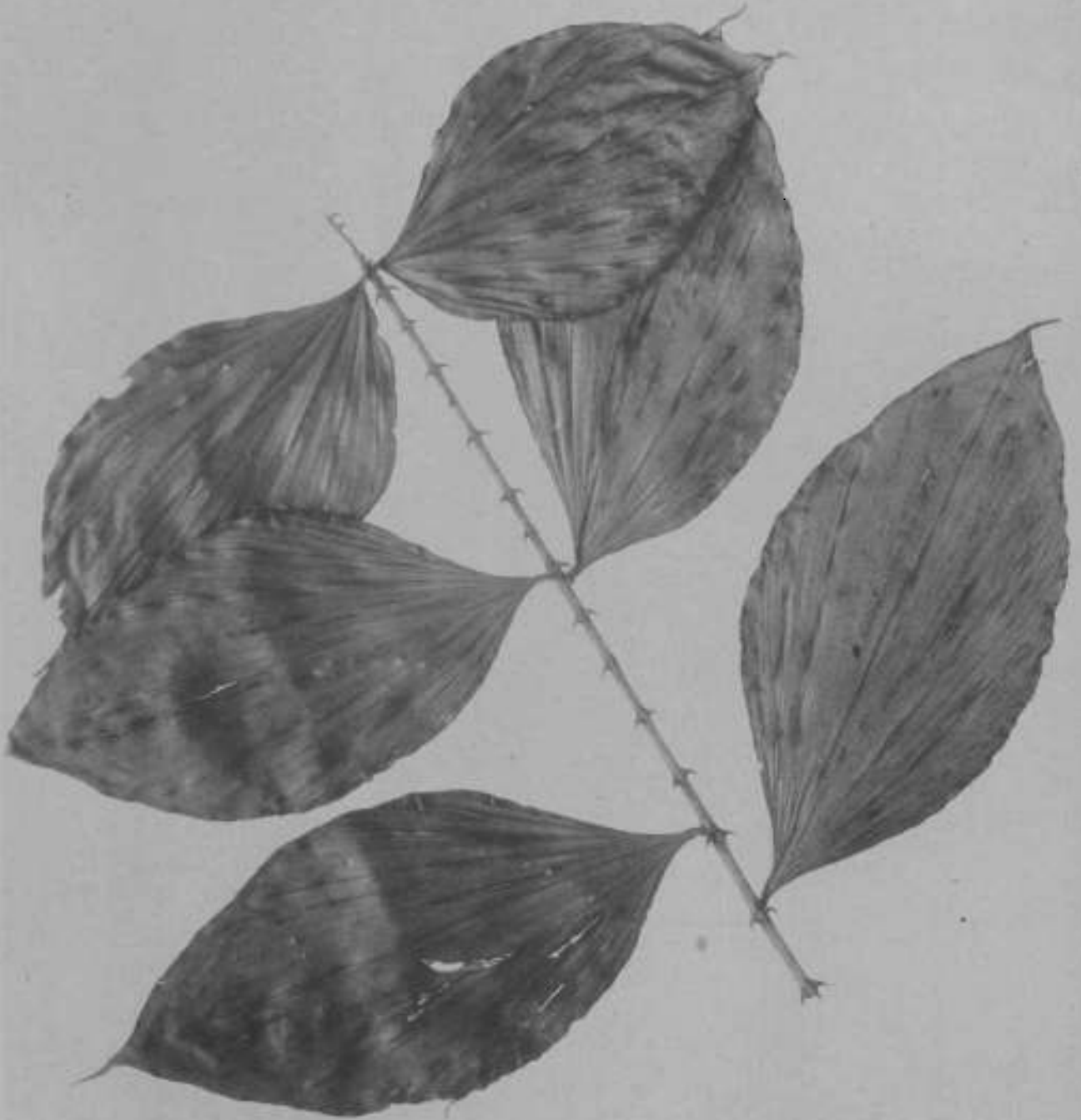




i











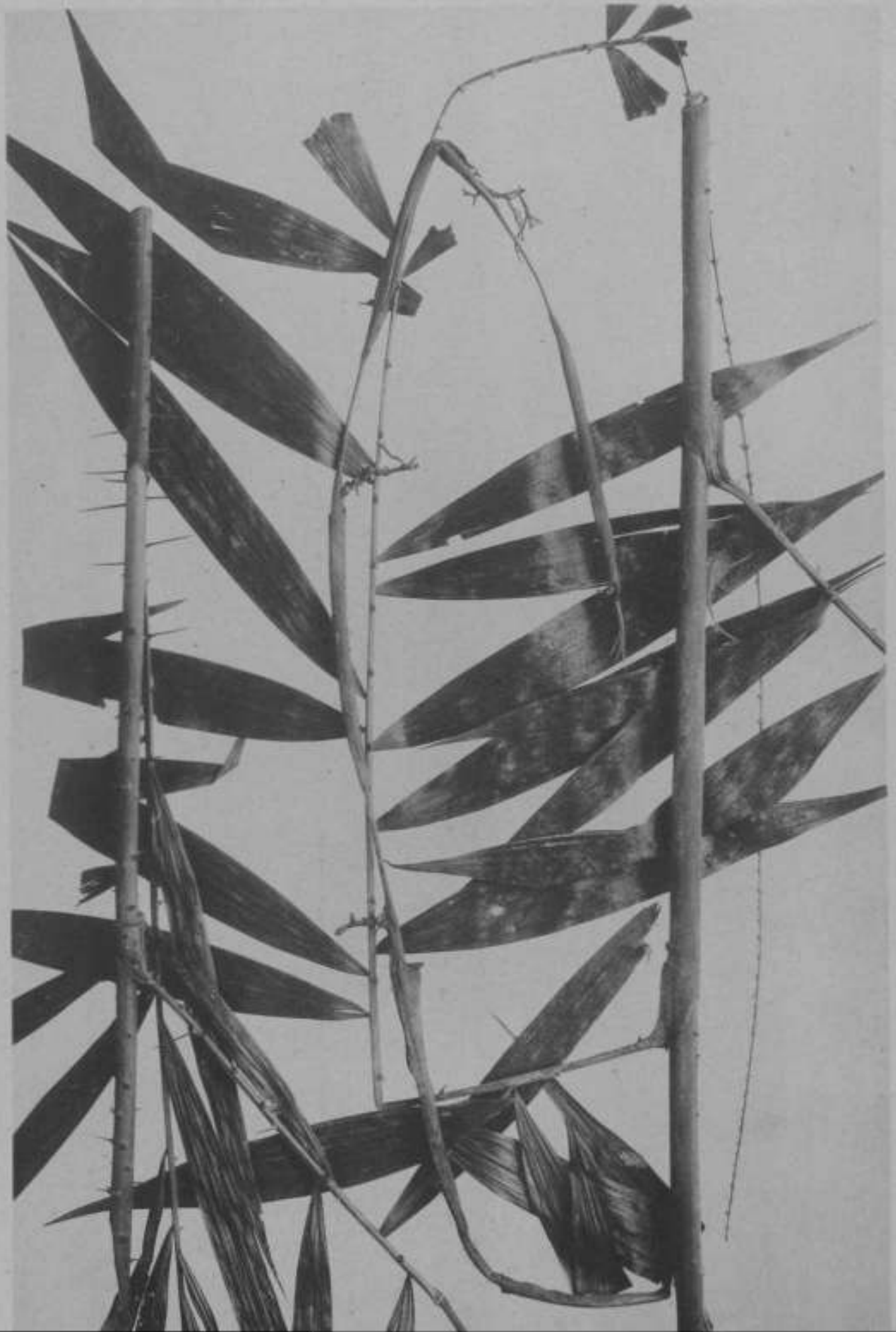




7 M'





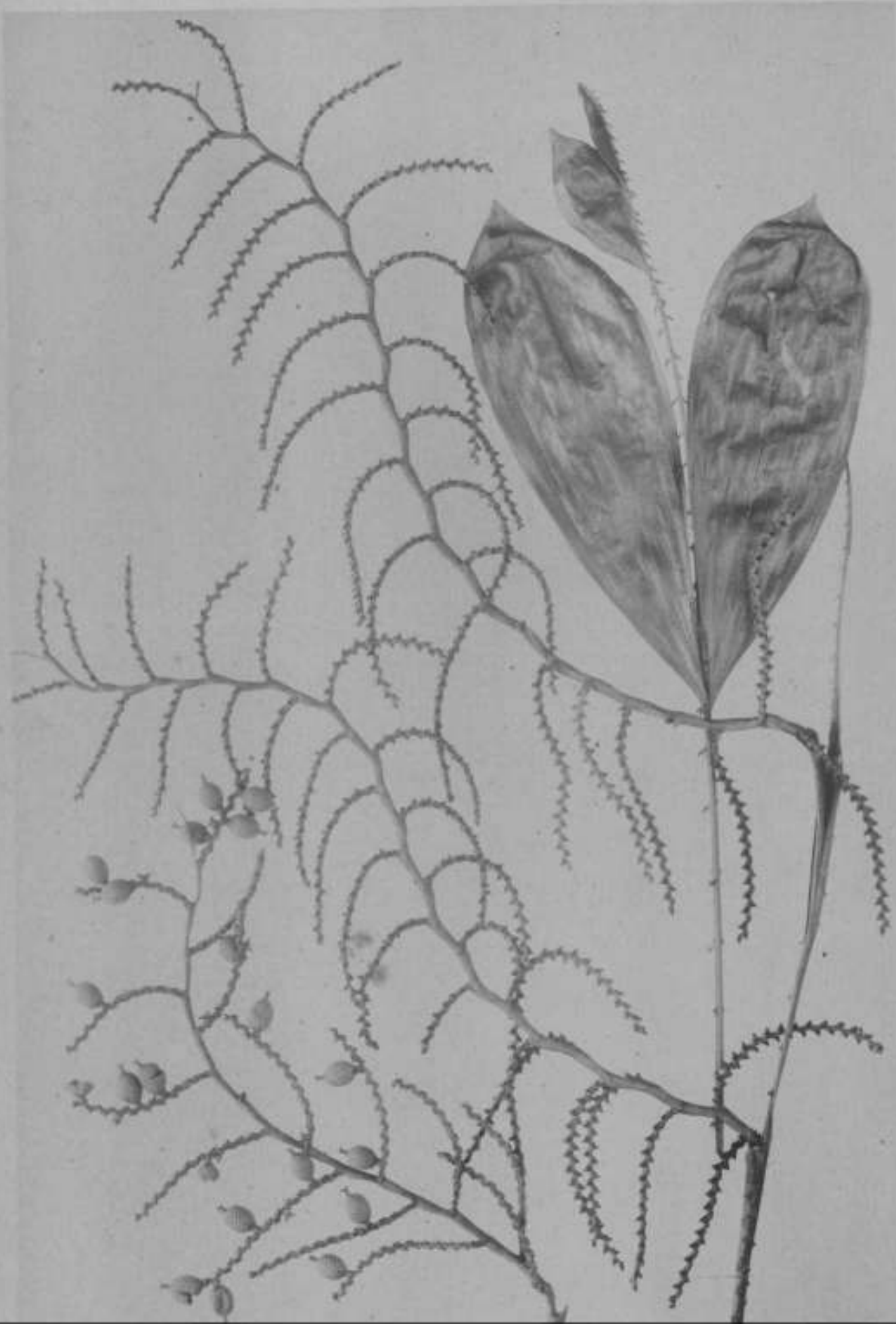






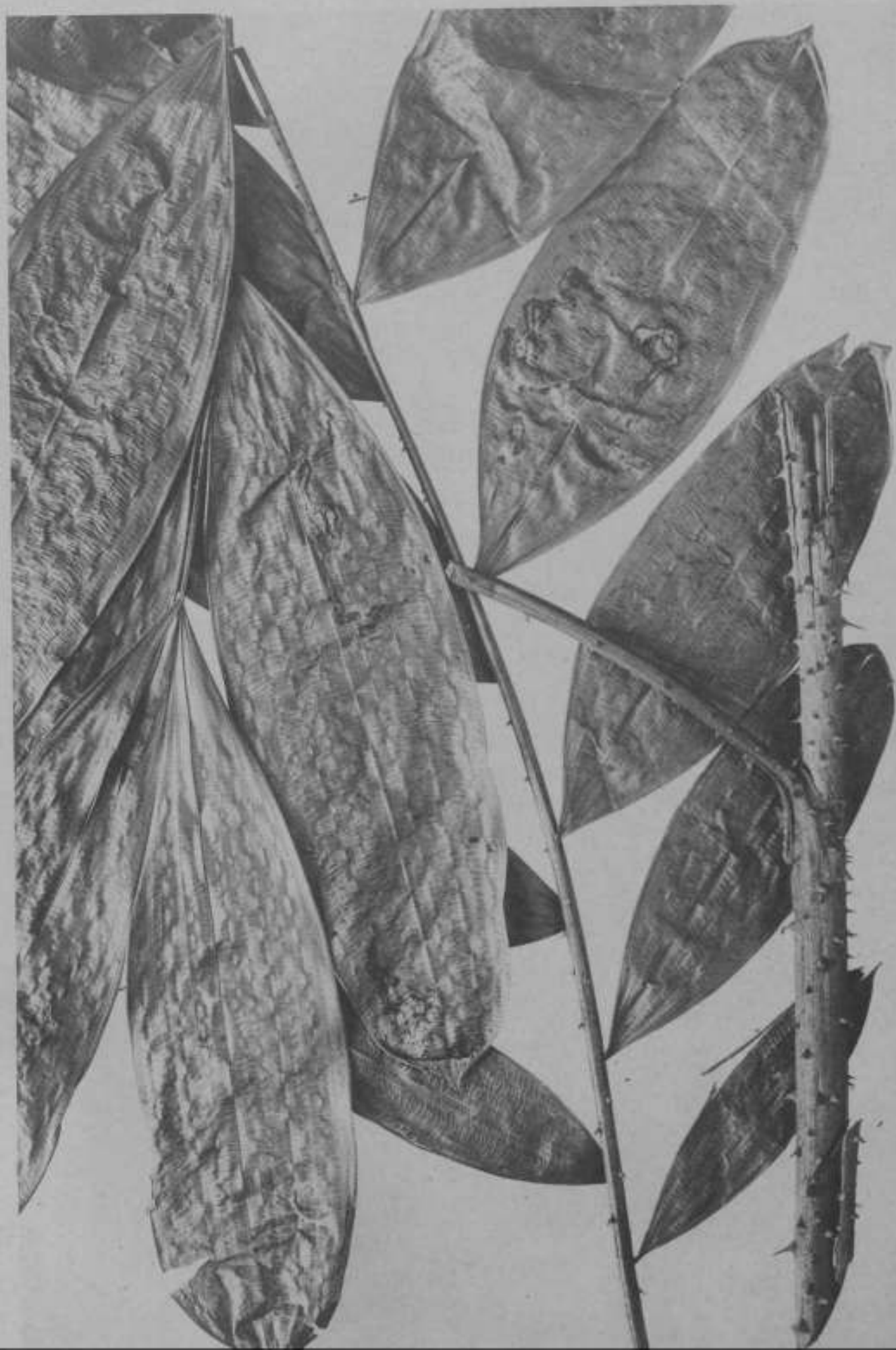












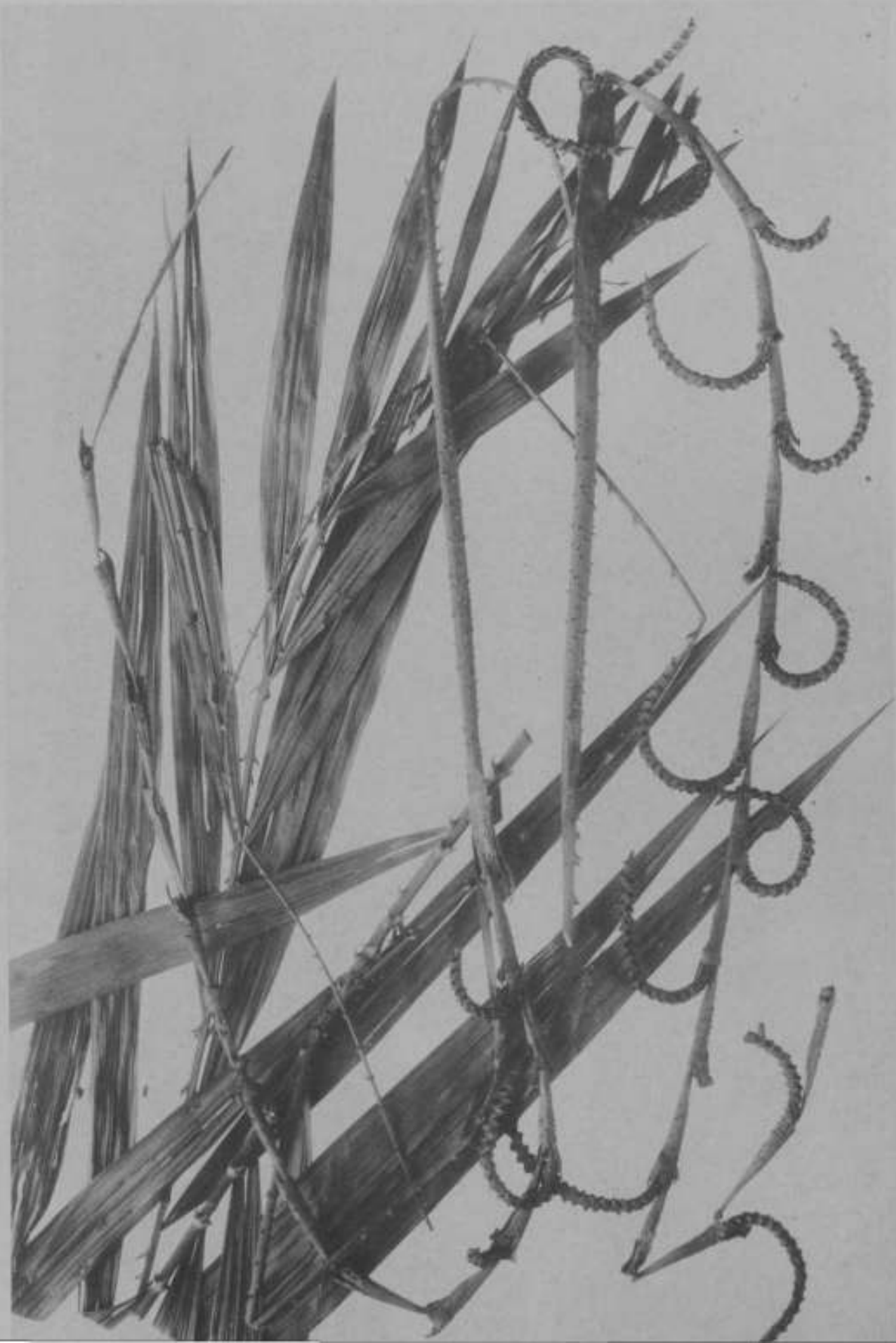




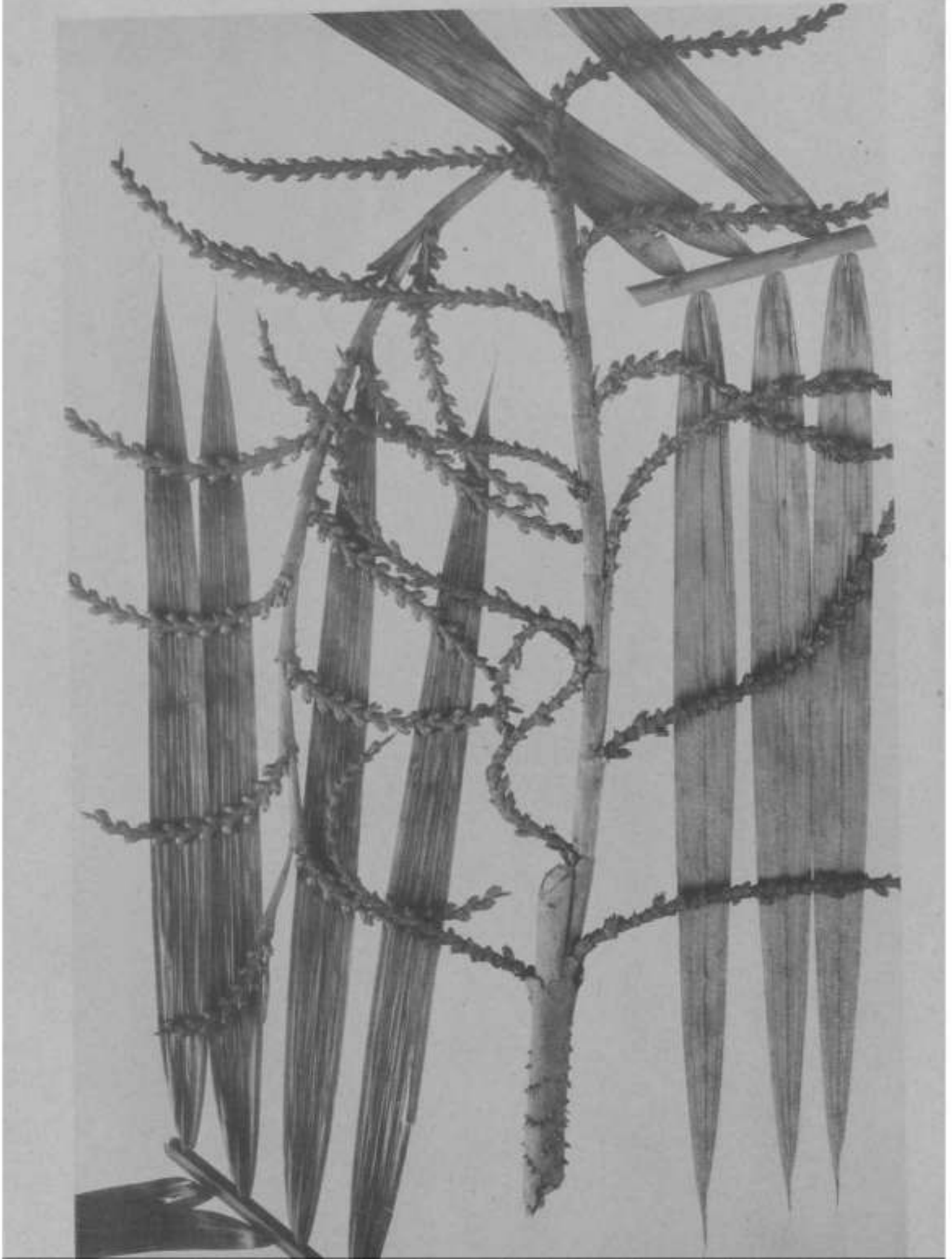




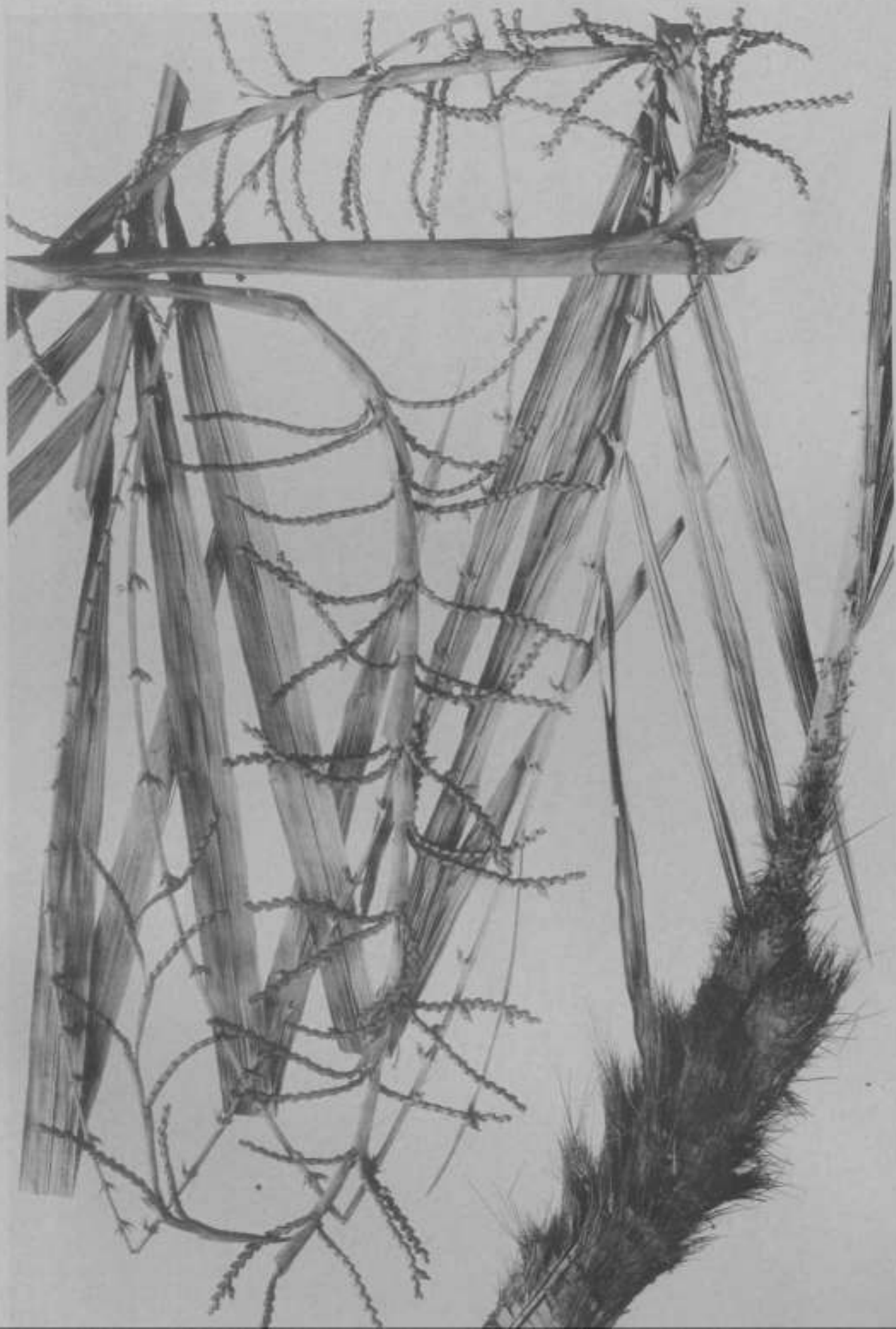










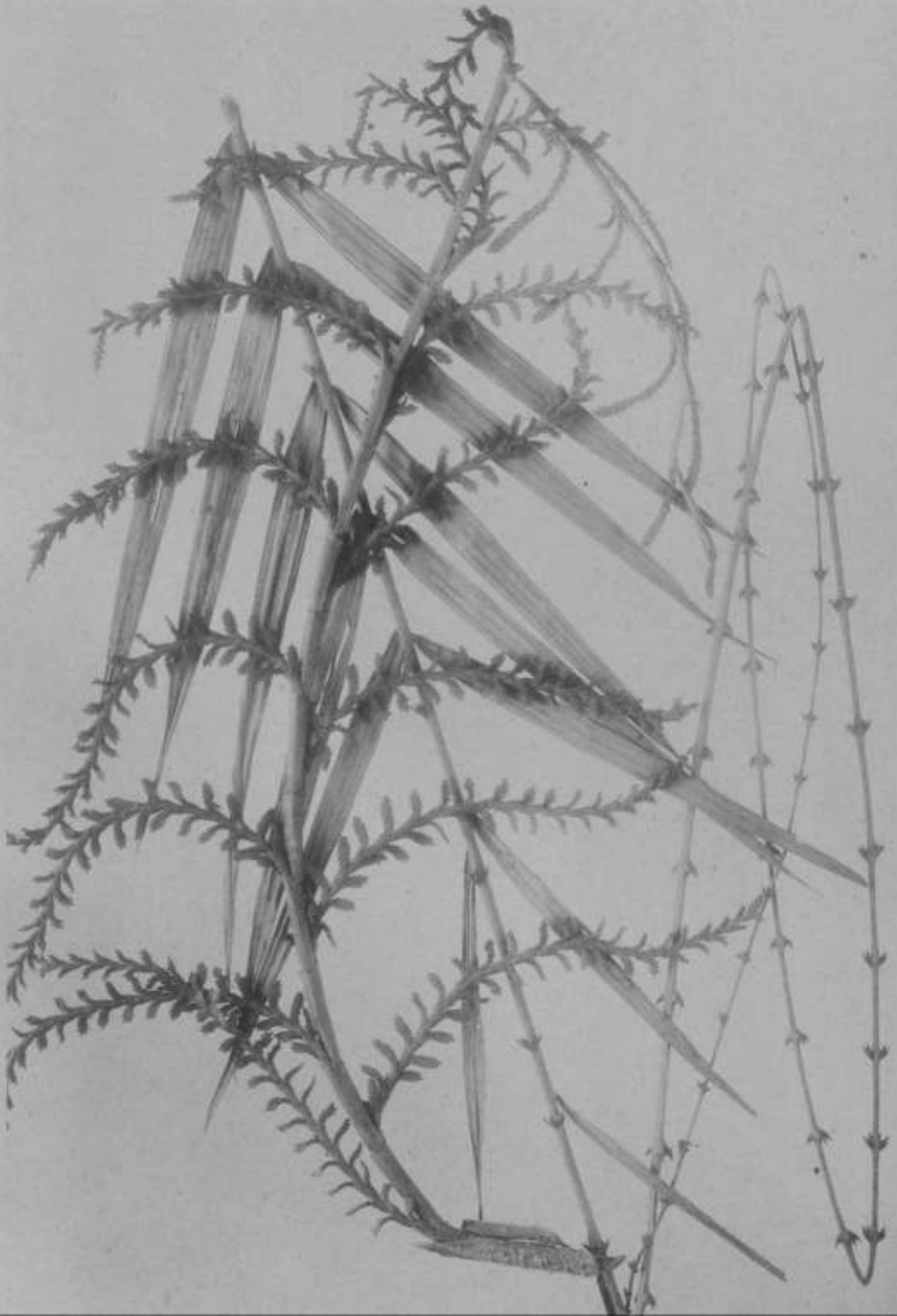






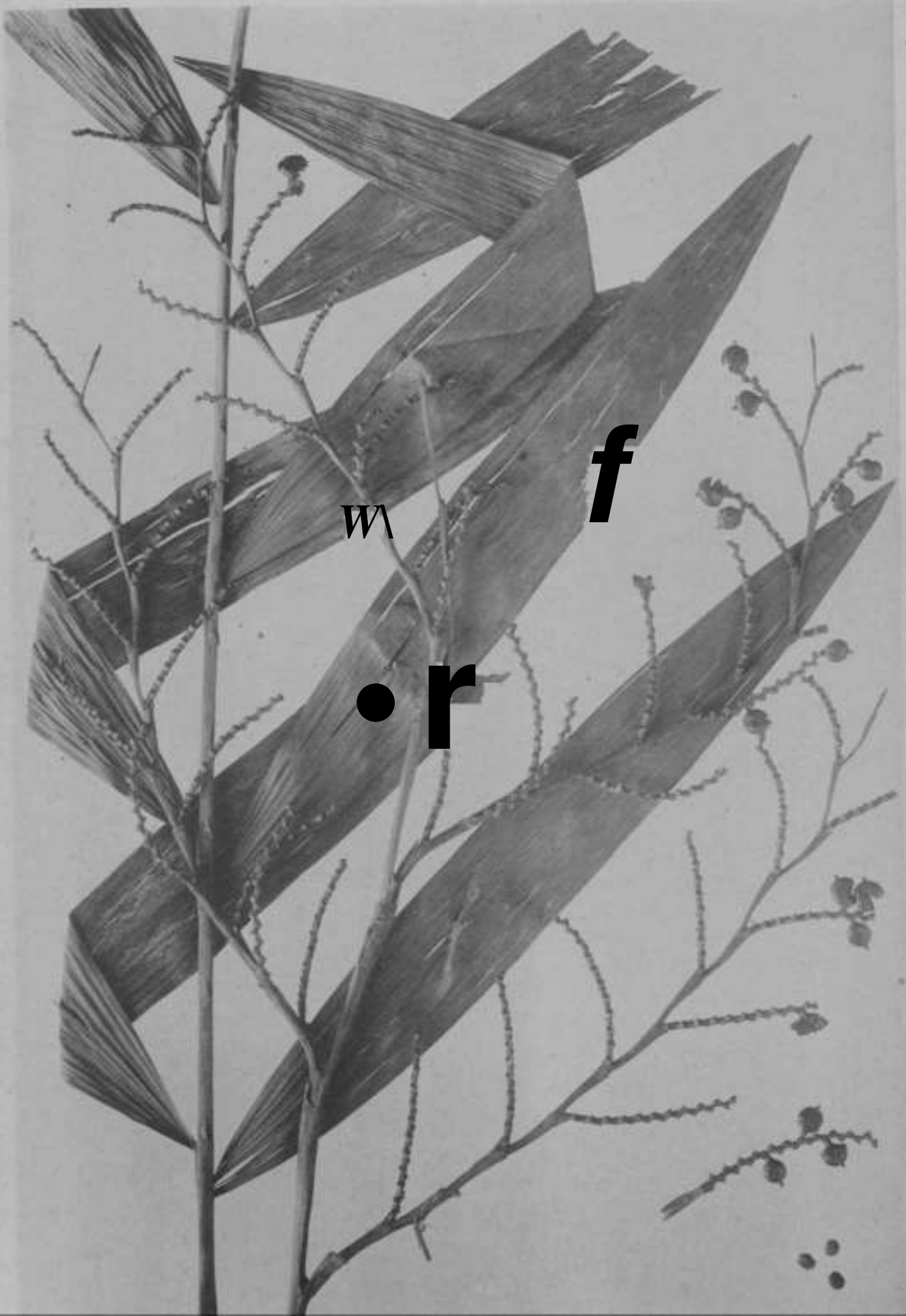
v f











W

f

• r





V
v. li •

1



k

r



V



A

w









