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ANNALS

OF THE

ROYAL BOTANIC GARDEN, CALCUTTA.

Vol. VIII.

THE

ORCHIDS OF THE SIKKIM-HIMALAYA.

By

G. KING AND R. PANTLING.

Mo. Bot. Garden,
1898.

CALCUTTA:

Printed at the Bengal Secretariat Press.

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Superintendent of the Royal Botanic Garden, Calcutta,

and

ROBERT PANTLING,

Deputy Superintendent of the Government Cinchona Plantation, Sikkim.

PART III.

PLATES OF EPIDENDREAE AND VANDEAE.

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INDEX TO THE PLATES IN PART III.

ACANTHEPHIPPIUM striatum, *Lindl.* 155
——— sylhetense, *Lindl.* 154
ACROCHAENE punctata, *Lindl.* 209
ÆRIDES longicornu, *Hook. fil.* 281
——— multiflorum, *Roxb.* 283
——— odoratum, *Lour.* 282
AGROSTOPHYLLUM brevipes, *K. & P.* 213
——— callosum, *Reichb. fil.* . . . 212
——— khasianum, *Griff.* 210
——— myrianthum, *K. & P.* . . . 211
ANTHOGONIUM gracile, *Lindl.* 134
APPENDICULATA bifaria, *Lindl.* 330
ARACHNANTHE bilinguis, *Benth.* 280
——— Cathcartii, *Benth.* 278
——— Clarkei, *Rolfe.* 279
ARUNDINA bambusifolia, *Lindl.* 156

BIERMANNIA bimaculata, *K. & P.* 267
BULBOPHYLLUM Griffithii, *Reichb. fil.* . . . 147

CALANTHE alismæfolia, *Lindl.* 230
——— alpina, *Hook. fil.* 229
——— angusta, *Lindl.* 232
——— biloba, *Lindl.* 228
——— brevicornu, *Lindl.* 227
——— chloroleuca, *Lindl.* 231
——— densiflora, *Lindl.* 236
——— gracilis, *Lindl.* 222
——— herbacea, *Lindl.* 233
——— Mannii, *Hook. fil.* 225
——— Masuca, *Lindl.* 234
——— puberula, *Lindl.* 224
——— tricarinata, *Lindl.* 223
——— trulliformis, *K. & P.* 226
——— Whiteana, *K. & P.* 235
CAMAROTIS Mannii, *K. & P.* 317
——— obtusa, *Lindl.* 316
CERATOSTYLIS teres, *Reichb. fil.* 329
CHRYSOGLOSSUM erraticum, *Hook. fil.* . . . 135
CLEISOSTOMA armigerum, *K. & P.* 308
——— bambusarum, *K. & P.* 310
——— brevipes, *Hook. fil.* 307
——— gemmatum, *K. & P.* 313
——— micranthum, *K. & P.* 312
——— spicatum, *Lindl.* 311
——— Wendlandorum, *Reichb. fil.* . . . 309
CŒLOGYNE corymbosa, *Lindl.* 185
——— cristata, *Lindl.* 184
——— elata, *Lindl.* 188
——— flaccida, *Lindl.* 183
——— flavida, *Wall.* 191
——— fuscescens, *Lindl.* 181
——— Hookeriana, *Lindl.* 193
CŒLOGYNE humilis, *Lindl.* 194
——— longipes, *Lindl.* 189
——— maculata, *Lindl.* 195
——— occultata, *Hook. fil.* 186
——— ochracea, *Lindl.* 182
——— ovalis, *Lindl.* 187
——— praecox, *Lindl.* 196
——— prolifera, *Lindl.* 190
——— uniflora, *Lindl.* 192
CREMASTRA Wallichiana, *Lindl.* 246
CRYPTOCHILUS lutea, *Lindl.* 221
——— sanguinea, *Wall.* 220
CYMBIDIUM aloifolium, *Swartz.* 252
——— cochleare, *Lindl.* 260
——— cyperifolium, *Wall.* 248
——— Devonianum, *Paxt.* 253
——— eburneum, *Lindl.* 262
——— elegans, *Lindl.* 259
——— Gammieanum, *K. & P.* 257
——— giganteum, *Wall.* 255
——— grandiflorum, *Griff.* 256
——— lancifolium, *Hook.* 247
——— longifolium, *Don.* 254
——— Mastersii, *Griff.* 261
——— Munronianum, *K. & P.* 249
——— pendulum, *Swartz* 251
——— Simonsianum, *K. & P.* 250
——— Whiteæ, *K. & P.* 258

DENDROCOLLA Arachnites, *Blume.* 322
DIGLYPHOSA macrophylla, *K. & P.* 136
DIPLOPRORA Championii, *Hook. fil.* 274
DORITIS taenialis, *Benth.* 266
——— Wightii, *Benth.* 265

ERIA acervata, *Lindl.* 170
— bambusifolia, *Lindl.* 163
— biflora, *Griff.* 160
— bractescens, *Lindl.* 166
— carinata, *Gibs.* 179
— clausa, *K. & P.* 167
— confusa, *Hook. fil.* 169
— convallarioides, *Lindl.* 161
— coronaria, *Reichb. fil.* 172
— dasyphylla, *Par. & Reichb. fil.* 177
— excavata, *Lindl.* 171
— flava, *Lindl.* 175
— fragrans, *Reichb. fil.* 168
— graminifolia, *Lindl.* 164
— muscicola, *Lindl.* 159
— paniculata, *Lindl.* 174
— pannea, *Lindl.* 176
— pumila, *Lindl.* 162

ERIA rufinula, *Reichb. fil.* 178
— stricta, *Lindl.* 173
— vittata, *Lindl.* 165
EULOPHIA bicarinata, *Hook. fil.* 244
——— „ var. major, *K. & P.* . . . 244*bis*
——— campestris, *Wall.* 241
——— geniculata, *K. & P.* 240
——— graminea, *Lindl.* 238
——— Mannii, *Hook. fil.* 239
——— nuda, *Lindl.* 243
——— sanguinea, *Hook. fil.* 242

GEODORUM purpureum, *R. Brown* 245

IONE Andersoni, *K. & P.* 217
— bicolor, *Lindl.* 216
— intermedia, *K. & P.* 218
— paleacea, *Lindl.* 215
— scariosa, *K. & P.* 219

LUISIA inconspicua, *Hook. fil.* 272
— indivisa, *K. & P.* 269
— teretifolia, *Gaud.* 271
— trichorhiza, *Blume* 270
— volucris, *Lindl.* 273

MONOMERIA barbata, *Lindl.* 208

ORNITHARIUM striatulum, *Lindl.* 323
ORNITHOCHILUS fuscus, *Wall.* 268
OREORCHIS foliosa, *Lindl.* 137
——— micrantha, *Lindl.* 138
OTOCHILUS alba, *Lindl.* 200
——— fusca, *Lindl.* 199
——— porrecta, *Lindl.* 198

NEPHALAPHYLLUM cordifolium, *Blume* . . . 146
——— grandiflorum, *Hook. fil.* . . . 144
——— pulchrum, *Blume*, var. Sikkimensis 145

PACHYSTOMA senile, *Reichb. fil.* 140
PANISEA parviflora, *Lindl.* 197
PHAJUS albus, *Lindl.* 153
— Blumei, *Lindl.*, var. pulchra, *K. & P.* . . 151
— maculatus, *Lindl.* 149
— mishmensis, *Reichb. fil.* 152
— nanus, *Hook. fil.* 148
— Wallichii, *Lindl.* 150
PHALAENOPSIS Mannii, *Reichb. fil.* 264
——— Parishii, *Reichb. fil.* 263
PHOLIDOTA articulata, *Lindl.* 205
——— „ var. *Griffithii* 204
——— imbricata, *Lindl.* 201
——— protracta, *Hook. fil.* 203
——— recurva, *Lindl.* 206
——— rubra, *Lindl.* 202

PHREATIA elegans, *Lindl.* 333
PODOCHILUS cultratus, *Lindl.* 326
——— Khasianus, *Hook. fil.* 327
PORPAX fibuliformis, *K. & P.* 157
— Meirax, *K. & P.* 158

RHYNCHOSTYLIS retusa, *Blume* 284
RISLEYA atropurpurea, *K. & P.* 328
RITAIA himalaica, *K. & P.* 214

SACCOLABIUM acuminatum, *Lindl.* 296
——— acutifolium, *Lindl.* 302
——— affine, *K. & P.* 304
——— ampullaceum, *Lindl.* 293
——— buccosum, *Reichb. fil.* 298
——— calceolare, *Lindl.* 300
——— dasypogon, *Lindl.* 299
——— distichum, *Lindl.* 303
——— intermedium, *Griff.* 301
——— lancifolium, *K. & P.* 297
——— longifolium, *Hook. fil.* 292
——— ochraceum, *Lindl.* 291
——— obtusifolium, *Hook. fil.* 295
——— papillosum, *Lindl.* 290
——— Pumilio, *Reichb. fil.* 294
——— pseudo-distichum, *K. & P.* 305
——— trichromum, *Reichb. fil.* 306
SARCANTHUS appendiculatus, *Hook. fil.* . . . 318
——— filiformis, *Lindl.* 319
——— pallidus, *Lindl.* 320
——— secundus, *Griff.* 321
SARCOCHILUS luniferus, *Benth.* 276
——— pygmaeus, *K. & P.* 277
SPATHOGLOTTIS ixioides, *Lindl.* 139
STAUROPSIS undulata, *Benth.* 275
STEREOCHILUS bicuspidatus, *K. & P.* 314
——— hirtus, *Lindl.* 315

TAENIOPHYLLUM crepidiforme, *K. & P.* . . . 325
——— retrospiculatum, *K. & P.* 324
TAINIA Hookeriana, *K. & P.* 143
— latifolia, *Benth.* 142
— minor, *Hook. fil.* 141
THELASIS longifolia, *Hook. fil.* 332
——— pygmaea, *Lindl.* 331
TIPULARIA Josephi, *Reichb. fil.* 207
TYLOSTYLIS discolor, *Hook. fil.* 180

VANDA alpina, *Lindl.* 289
— cristata, *Lindl.* 287
— parviflora, *Lindl.* 286
— pumila, *Hook. fil.* 288
— teres, *Lindl.* 285

YOANIA Prainii, *K. & P.* 237

INDEX TO THE PLATES IN PART IV.

ANÆCTOCHILUS crispus, *K. & P.* 395
——— Elwesii, *K. & P.* 394
——— grandiflorus, *Lindl.* 393
——— lanceolatus, *Lindl.* 392
——— Roxburghii, *Lindl.* 390
——— Sikkimensis, *K. & P.* 391
——— tortus, *K. & P.* 396
APHYLLORCHIS alpina, *K. & P.* 347
——— montana, *Reichb. fil.* 349
——— parviflora, *K. & P.* 348

CEPHALANTHERA ensifolia, *Rich.* 362
CHEIROSTYLIS Griffithii, *Lindl.* 397
CORYSANTHES himalaica, *K. & P.* 361
CYPRIPEDIUM elegans, *Reichb. fil.* 446
——— himalaicum, *Rolfe* 448
——— tibeticum, *King* 447
——— venustum, *Wall.* 445

DIDYMOPLEXIS pallens, *Griff.* 346
DIPLOMERIS hirsuta, *Lindl.* 443

EPIPACTIS consimilis, *Wall.* 364
——— latifolia, *All.* 363
EPIPOGUM aphyllum, *Swartz* 334
——— nutans, *Reichb. fil.* 335

GALEOLA Cathcartii, *Hook. fil.* 350
——— Falconeri, *Hook. fil.* 353
——— Hydra, *Reichb. fil.* 351
——— Lindleyana, *Reichb. fil.* 352
GASTRODIA Dyeriana, *K. & P.* 345
GOODYERA foliosa, *Benth.* 374
——— fumata, *Thw.* 377
——— fusca, *Lindl.* 371
——— grandis, *K. & P.* 379
——— Hemsleyana, *K. & P.* 373
——— hispida, *Lindl.* 375
——— procera, *Hook.* 378
——— repens, *R. Brown.* 370
——— secundiflora, *Griff.* 376
——— vittata, *Benth.* 372

HABENARIA Aitchisoni, *Reichb. fil.* 408
——— albo-marginata, *K. & P.* 425
——— arietina, *Hook. fil.* 407
——— aristata, *Hook. fil.* 409
——— Bakeriana, *K. & P.* 413
——— Biermanniana, *K. & P.* 419
——— Cumminsiana, *K. & P.* 424
——— constricta, *Hook. fil.* 429
——— densa, *Wall.* 420
——— Dyeriana, *K. & P.* 418

HABENARIA fallax, *K. & P.* 428
——— furcifera, *Lindl.* 410
——— geniculata, *Don.* 405
——— goodyeroides 430
——— „ var affinis, *K. & P.* . . . 430*bis*
——— juncea, *K. & P.* 414
——— latilabris, *Hook. fil.* 423
——— leptocaulon, *Hook. fil.* 421
——— malleifera, *Hook. fil.* 411
——— nematocaulon, *Hook. fil.* 416
——— oligantha, *Hook. fil.* 422
——— Parishii, *Reichb. fil.* 426
——— pectinata, *Don.* 406
——— Prainii. *Hook. fil.* 431
——— pseudophrys, *K. & P.* 432
——— secundiflora, *Hook. fil.* 433
——— Sikkimensis, *Hook. fil.* 417
——— stenantha, *Hook. fil.* 412
——— stenopetala, *Lindl.* 404
——— „ var. polytricha . . . 404*bis*
——— tentaculata, *Reichb. fil.* 427
——— urceolata, *Clarke* 415
HERMINIUM angustifolium, *Benth.* 434
——— angustilabre, *K. & P.* 439
——— congestum, *Lindl.* 440
——— gracile, *K. & P.* 438
——— Jaffreyanum, *K. & P.* 436
——— Josephi, *Reichb. fil.* 441
——— orbiculare, *Hook. fil.* 442
——— pugioniforme, *Lindl.* 437
——— quinquelobum, *K. & P.* 435
HERPYSMA longicaulis, *Wall.* 367
HETAERIA rubens, *Benth.* 393

LISTERA alternifolia, *K. & P.* 341
——— brevicaulis, *K. & P.* 340
——— dentata, *K. & P.* 342
——— Lindleyana, *K. & P.* 343
——— longicaulis, *K. & P.* 239
——— micrantha, *Lindl.* 236
——— pinetorum, *Lindl.* 238
——— tenuis, *Lindl.* 237

ORCHIS Chusua, *Don.* 402
——— „ var. nana, *K. & P.* 402*bis*
——— habenarioides, *K & P.* 401
——— puberula, *K. & P.* 403
——— spathulata, *Reichb. fil.* 400

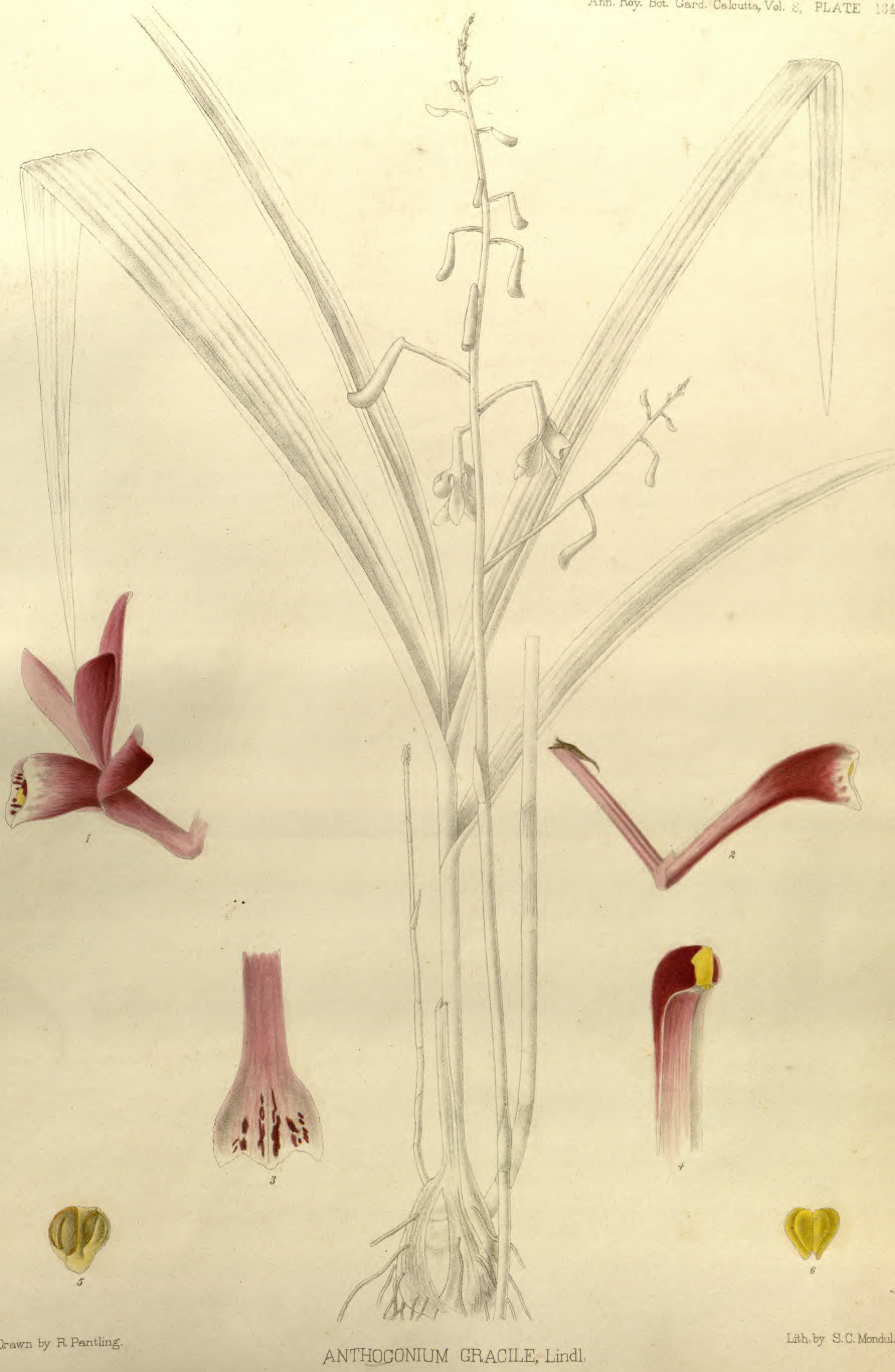
PANTLINGIA paradoxa, *Prain* 344
PHYSURUS herpysmoides, *K. & P.* 368
POGONIA falcata, *K. & P.* 357
——— Gammieana, *Hook. fil.* 359

POGONIA macroglossa, *Hook. fil.* 356
——— plicata, *Lindl.* 358
——— Prainiana, *Hook. fil.* 355
——— Scottii, *Reichb. fil.* 360

SPIRANTHES australis, *Lindl.* 369
SATYRIUM nepalense, *Don.* 444
——— var. ciliata, *K. & P.* 444*bis*

TROPIDIA angulosa, *Bl.* 365
——— curculigiodes, *Lindl.* 366

ZEUXINE abbreviata, *Hook. fil.* 383
——— affinis, *Benth.* 387
——— flava, *Benth.* 386
——— Franchetiana, *K. & P.* 398
——— glandulosa, *K. & P.* 384
——— goodyeroides, *Lindl.* 382
——— nervosa, *Benth.* 385
——— pulchra, *K. & P.* 380
——— reflexa, *K. & P.* 388
——— sulcata, *Lindl.* 381



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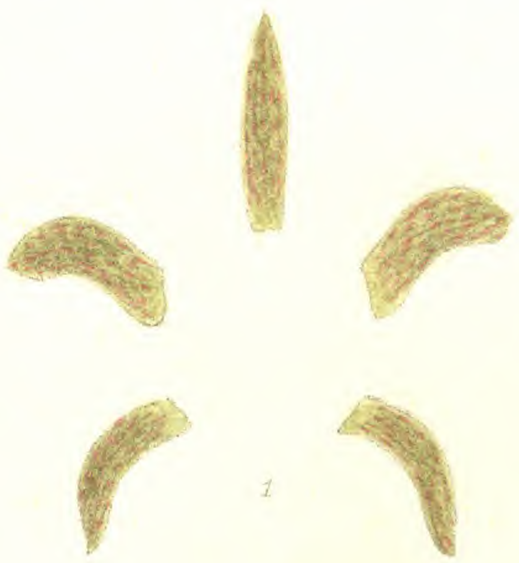
ANTHOCONIUM GRACILE, Lindl.

Lith. by S. C. Mondul.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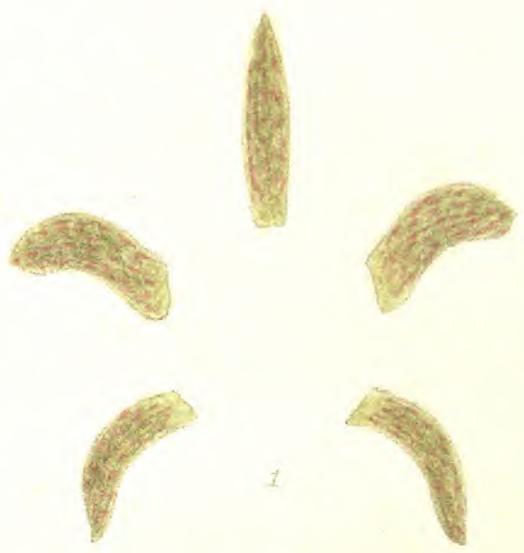
Drawn by R. Pantling.

CHRYSOGLOSSUM ERRATICUM, Hook. fil.

Lith by A. C. Singha.



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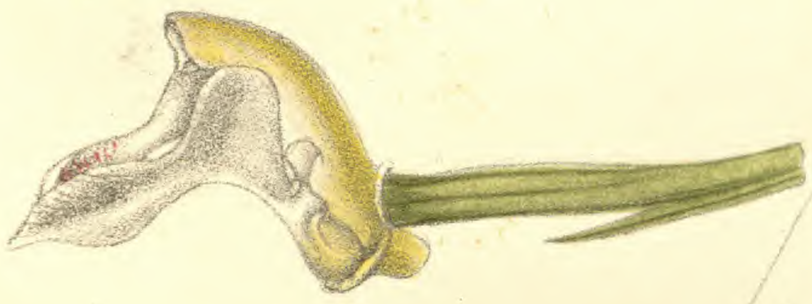

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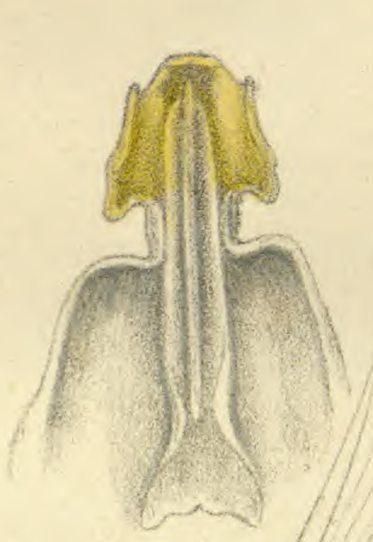

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Drawn by R. Pantling.

CHRYSOGLOSSUM ERRATICUM, Hook. fil.

Lith. by A. C. Singha.

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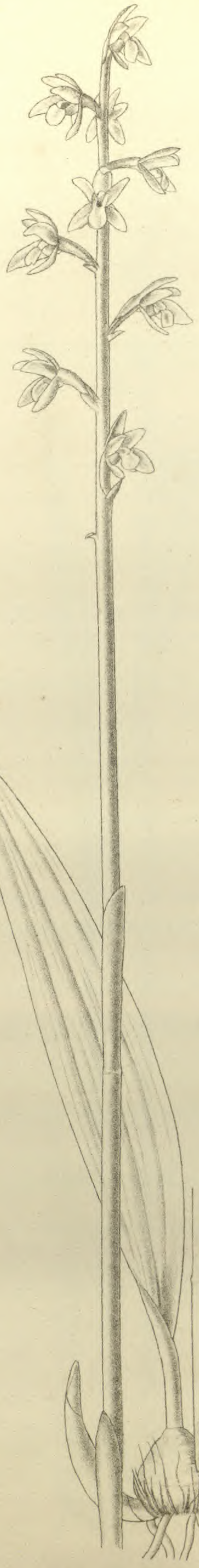

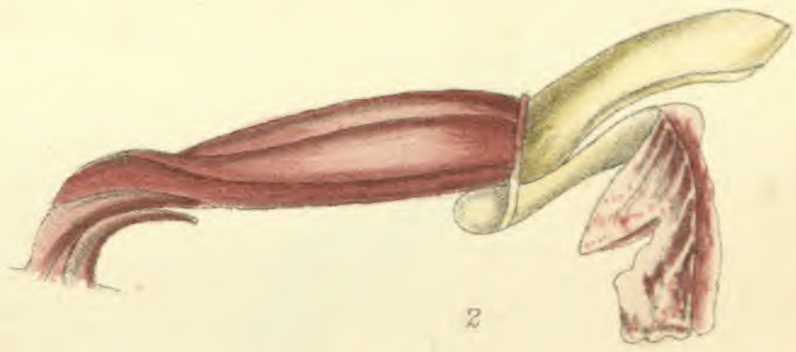

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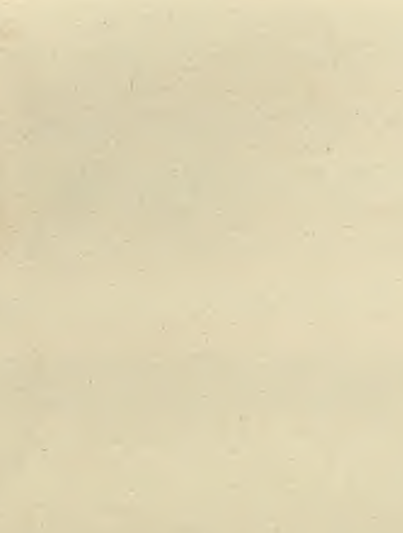

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Drawn by R. Pantling.

OREORCHIS FOLIOSA, Lindl.

Lith. by A. C. Mukerjei.

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Drawn by R. Pantling.

OREORCHIS MICRANTHA, Lindl.

Lith: by K. P. Dass.

Drawn by R. Pantling.

SPATHOGLOTTIS IXIOIDES, Lindl.

Lith by New Chitra Silpi Co.

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Drawn by R. Pantling.

PACHYSTOMA SENILE, Reichb. fil.

Lith. by G. C. Dass.

Drawn by R. Pantling.

TAINIA MINOR. Hook. fil.

Lith: by Chitra Silpi Co

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Drawn by R. Pantling.

Lith. by Chitra Silpi C?

TAINIA LATIFOLIA, Benth.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8. PLATE 143.

Drawn by R. Pantling.

Lith. by Chitra Silpi Cº

TAINIA HOOKERIANA, King & Pantling.

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Drawn by R. Pantling.

NEPHELAPHYLLUM PULCHRUM, Blume, var SIKKIMENSIS, Hook. fil.

Lith. by A. C. Mukerjei.

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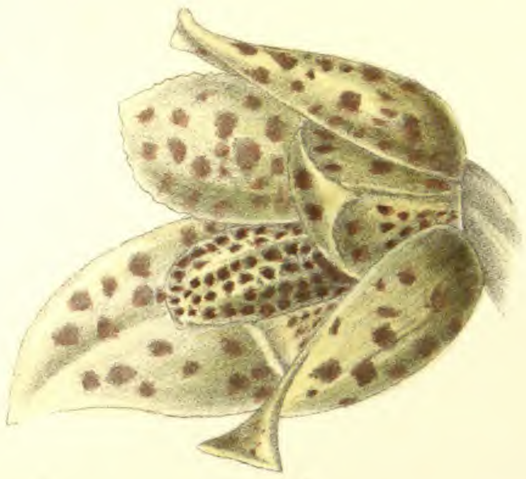
Drawn by R. Pantling.

NEPHELAPHYLLUM CORDIFOLIUM, Lindl.

Lith: by New Chitra Silpi C°.



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Drawn by R.Pantling.

BULBOPHYLLUM GRIFFITHII, Reichb. fil.

Lith. by. A. C. Mukerjei.

PHAJUS NANUS, Hook. fil.

Drawn by R. Pantling. Lith: by A. L. Singh.

Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

PHAJUS MACULATUS, Lindl:

Drawn by R. Pantling.

PHAJUS WALLICHII, Lindl.

Lith. by A. C. Mukerjei.

Drawn by R. Pantling

Lith. by Chitra Silpa Co

PHAJUS WALLICHII, Lindl var. ASSAMICA, King & Pantling
= P. BLUMEI, Lindl. Var. PULCHRA, K. & P.

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Drawn by R. Pantling

PHAJUS MISHMENSIS, Reichb. fil

Lith. by Chitra Silpi Co

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Drawn by R. Pantling.

PHAJUS ALBUS, Lindl.

Lith. by A. C. Mukerjei.

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Drawn by R. Pantling.

ACANTHEPHIPPIUM SYLHETENSE, Lindl.

Lith. by A. C. Singha.

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Drawn by R. Pantling.

ACANTHEPHIPPIUM STRIATUM, Lindl.

Lith. by A. C. Singha.

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Drawn by R. Pantling.

ARUNDINA BAMBUSIFOLIA, Lindl.

Lith. by B. K. Roy.

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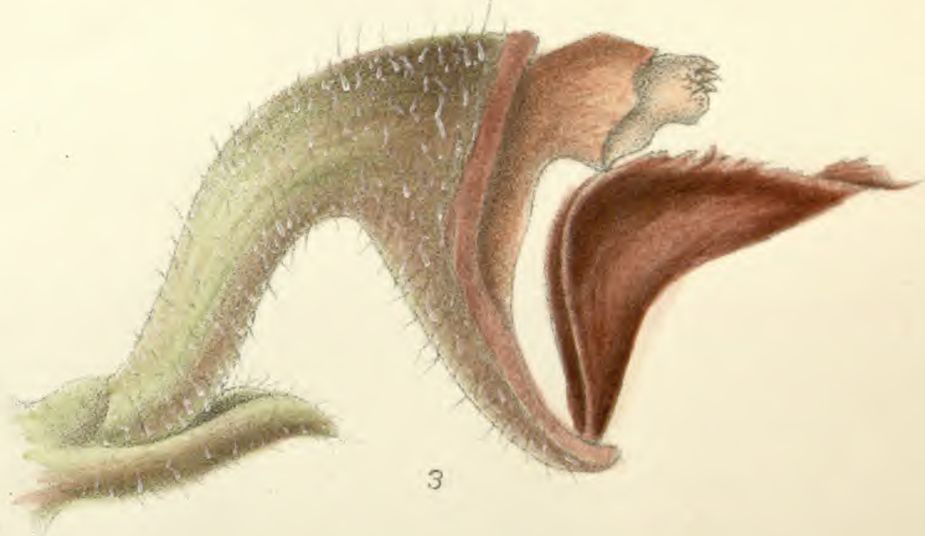

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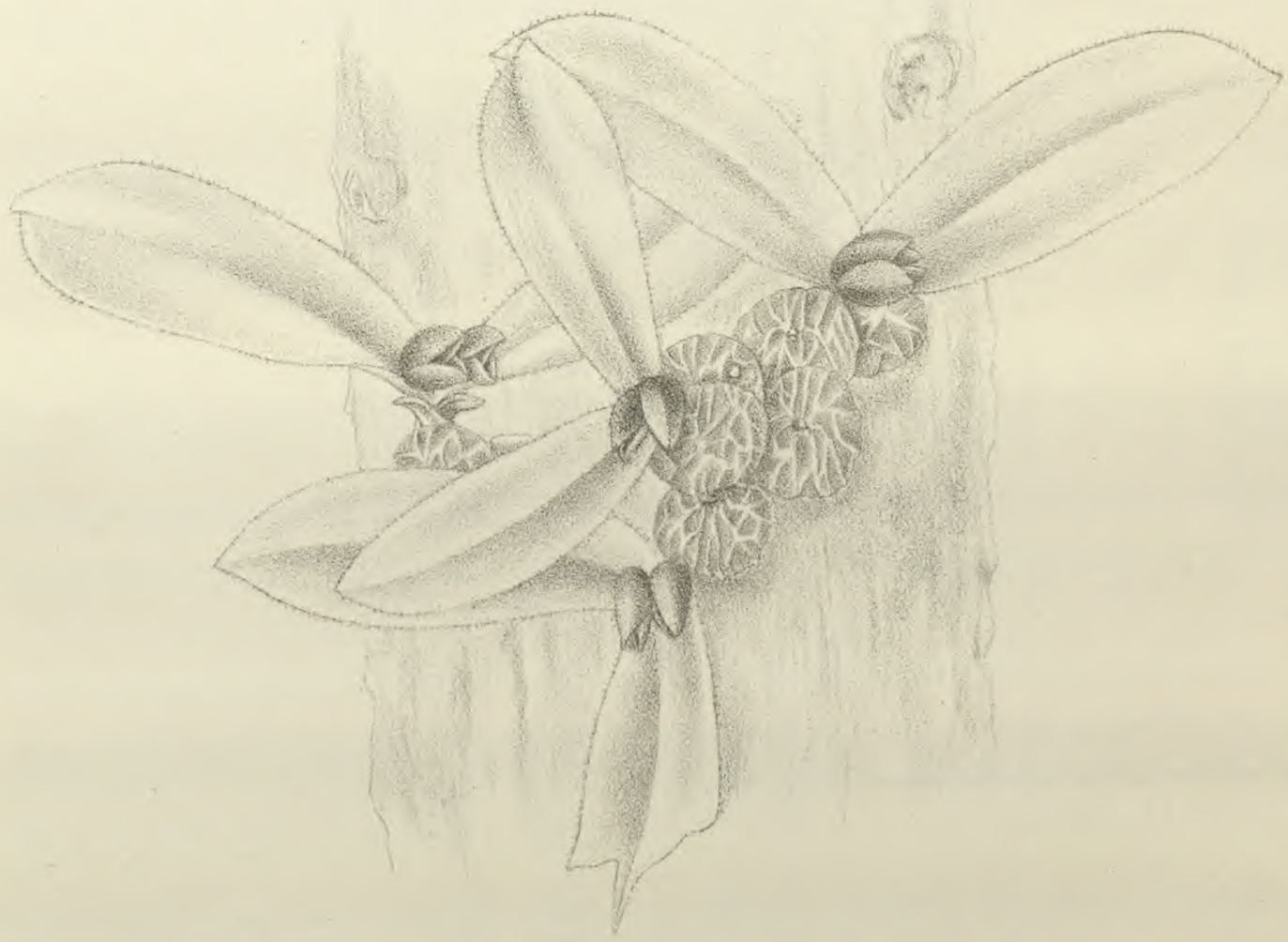

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Drawn by R. Pantling.

~~ERIA FIBULIFORMIS, King & Pantling.~~

PORPAX FIBULIFORMIS, King & Pantling.

Lith: by A. C. Singha.

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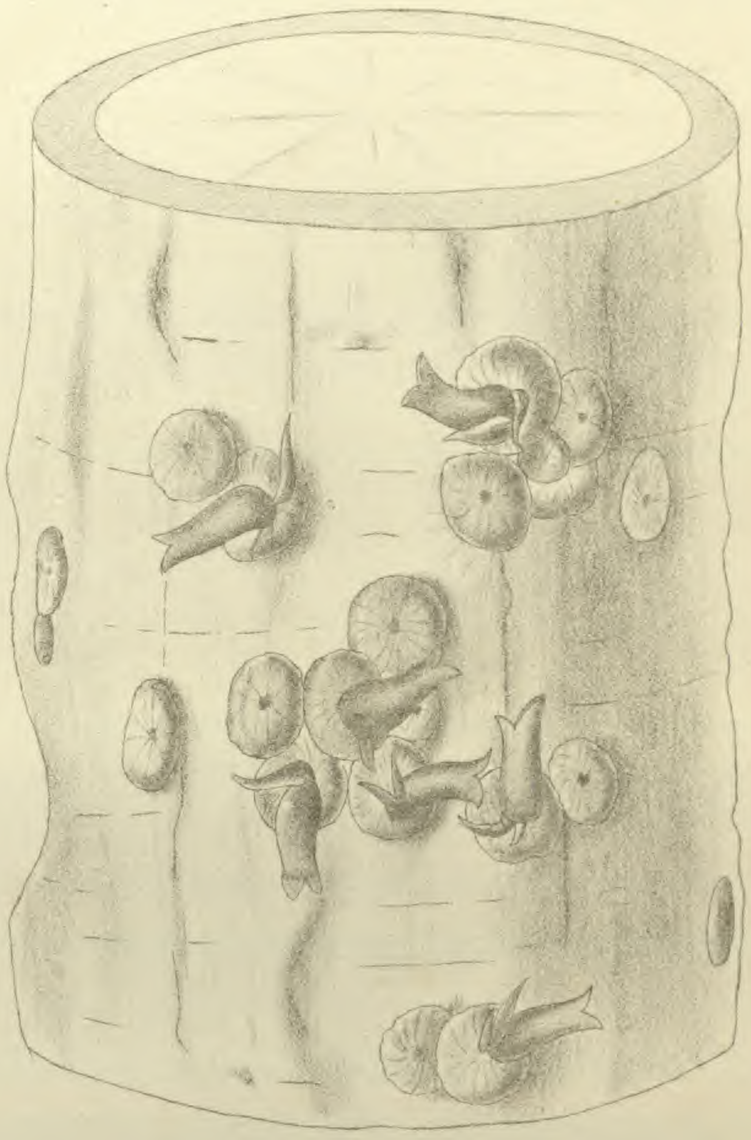

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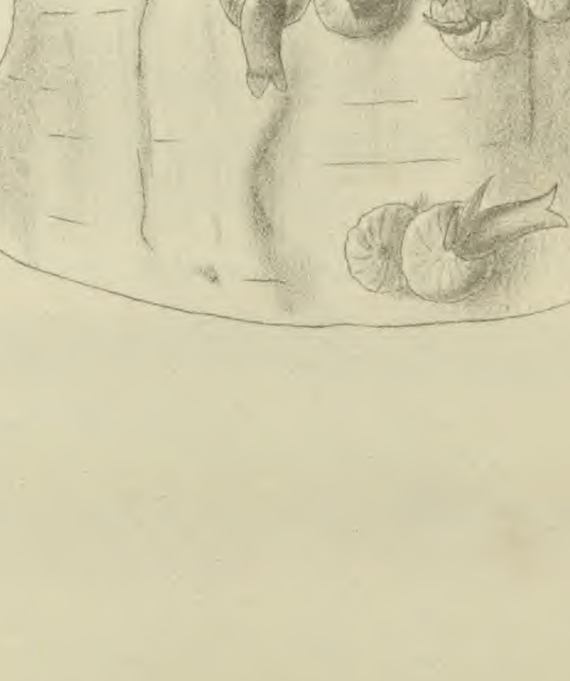

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Drawn by R. Pantling.

Lith by B. K. Roy.

PORPAX MEIRAX, King & Pantling.

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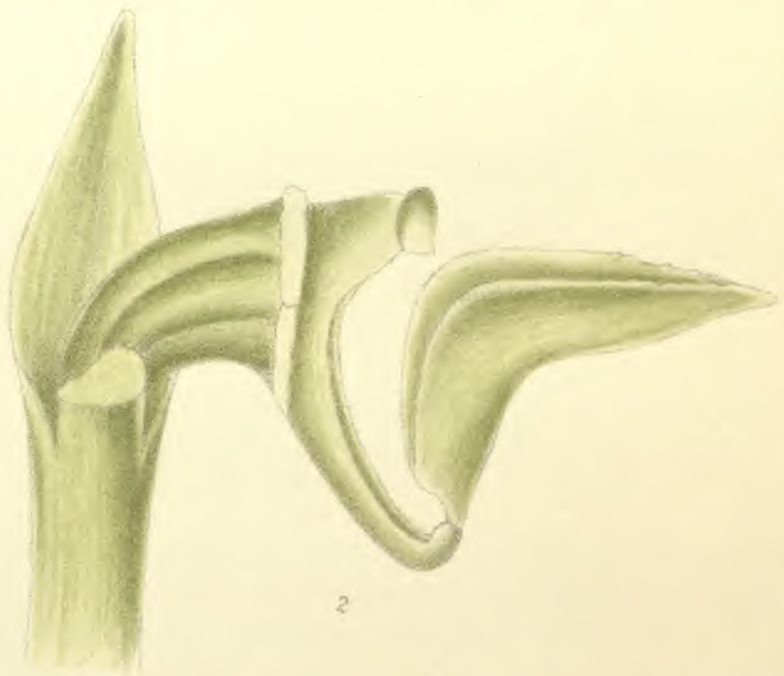

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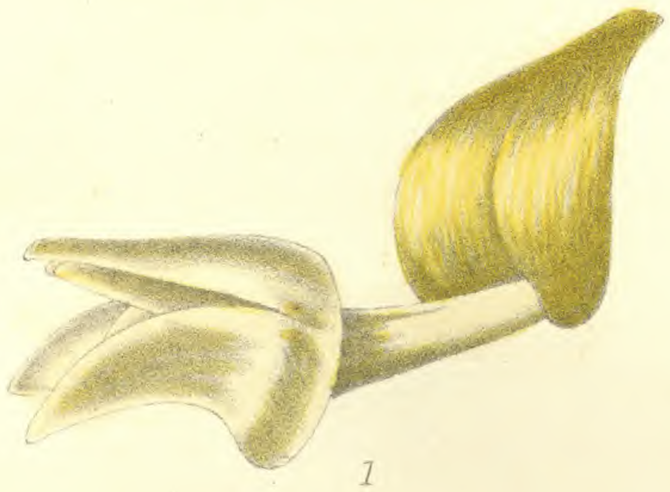
Drawn by R. Pantling.

ERIA MUSCICOLA, Lindl.

Lith. by A. C. Singha.



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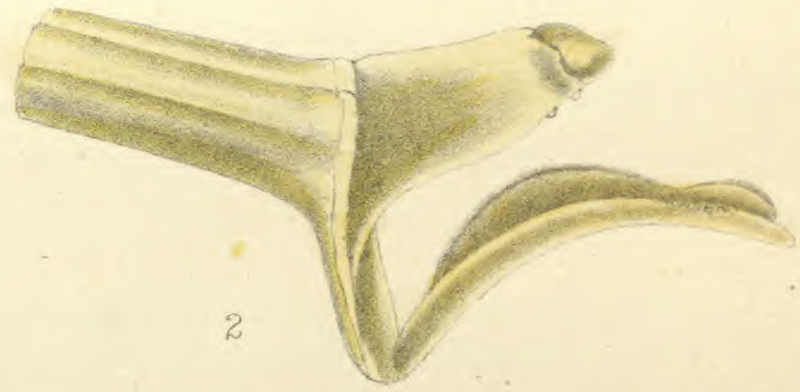

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Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

ERIA BIFLORA, Griff.

Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

ERIA CONVALLARIOIDES, Lindl.

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Drawn by R. Pantling.

ERIA PUMILA, Lindl.

Lith. by H. D. Bose.

Drawn by R. Pantling.

ERIA BAMBUSIFOLIA, Lindl.

Lith: by New Chitra Silpi Co.

Drawn by R. Pantling.

ERIA GRAMINIFOLIA, Lindl.

Lith. by New Chitra Silpi Co

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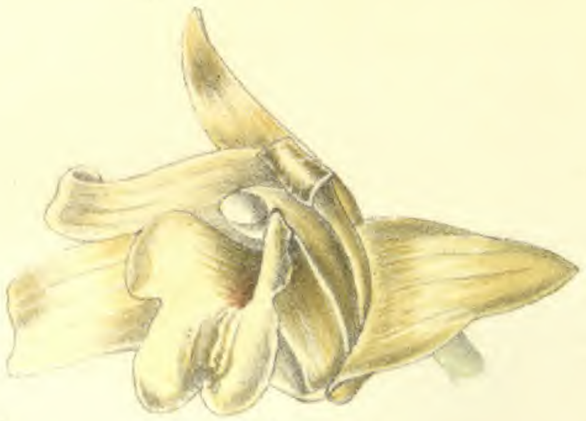
Drawn by R. Pantling

ERIA VITTATA, Lindl.

Lith: by Chitra Silpi Cº



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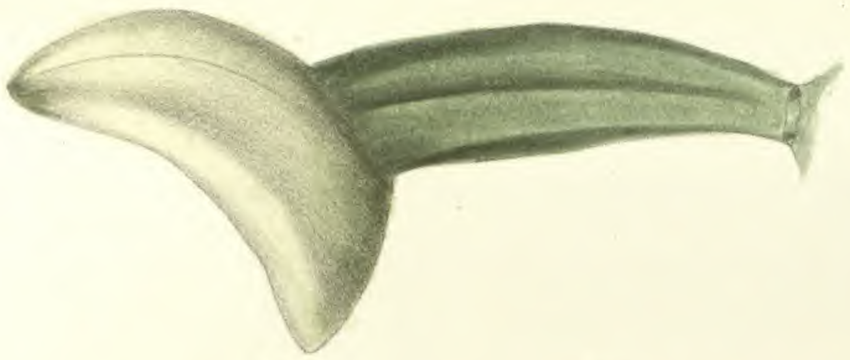
Drawn by R. Pantling.

ERIA GLABRA, King & Pantling.

= E. BRACTESCENS, Lindl.

Lith. by A. C. Singha.



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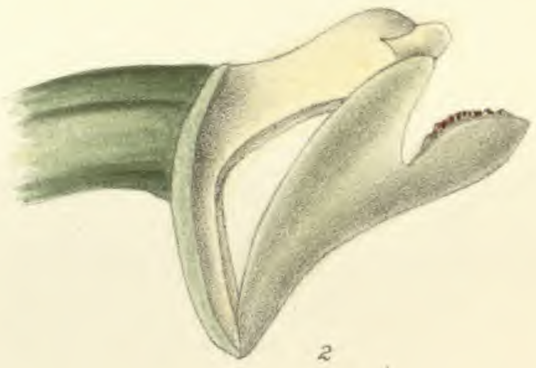

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Drawn by R. Pantling.

ERIA CLAUSA, King & Pantling.

Lith: by K. P. Dass.

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Drawn by R. Pantling.

Lith. by K. P. Dass.

ERIA FRAGRANS, Reichb. fil.

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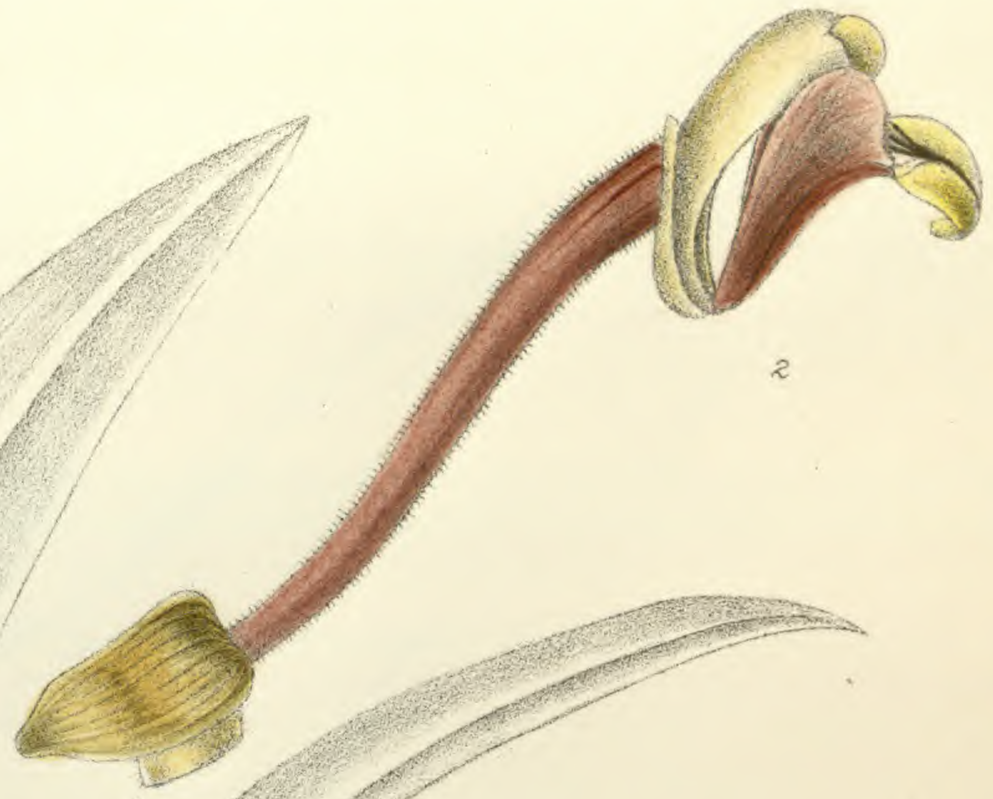

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Drawn by R. Pantling.

ERIA CONFUSA, Hook.fil.

Lith: by A. C. Singha.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 170.

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Drawn by R. Paulling.

ERIA ACERVATA, Lindl.

Lith: by New Chitra Silpi Co.

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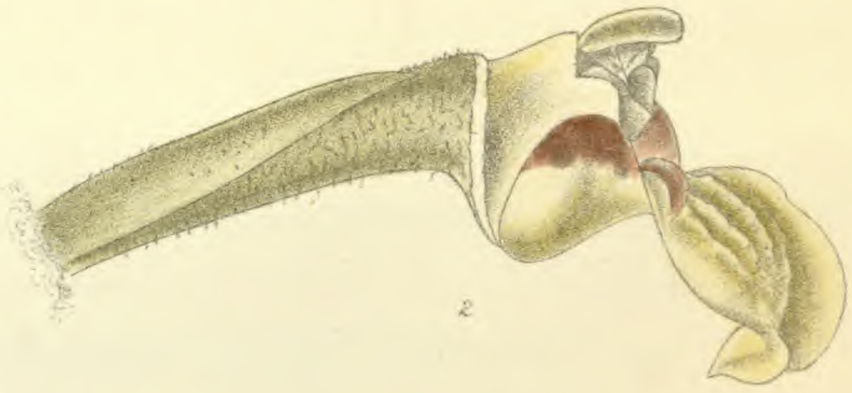

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Drawn by R. Pantling.

ERIA EXCAVATA, Lindl.

Lith. by New Chitra Silpi Co.

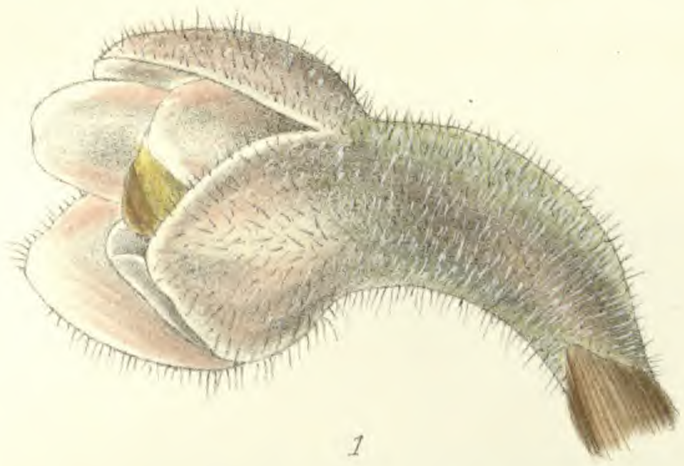
Drawn by R. Pantling.

Lith. by Chitra Silpi Co.

~~TRICHOSMA SUAVIS, Lindl.~~

ERIA CORONARIA, Reichb. fil.

Ann. Roy. Bot. Gard. Calcutta, Vol. 8 PLATE. 173.



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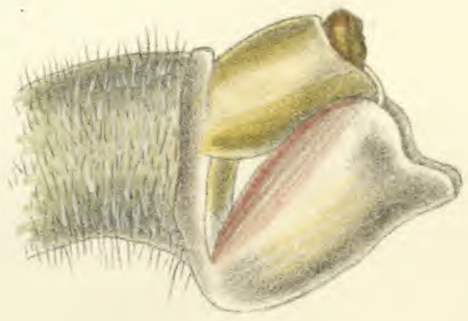

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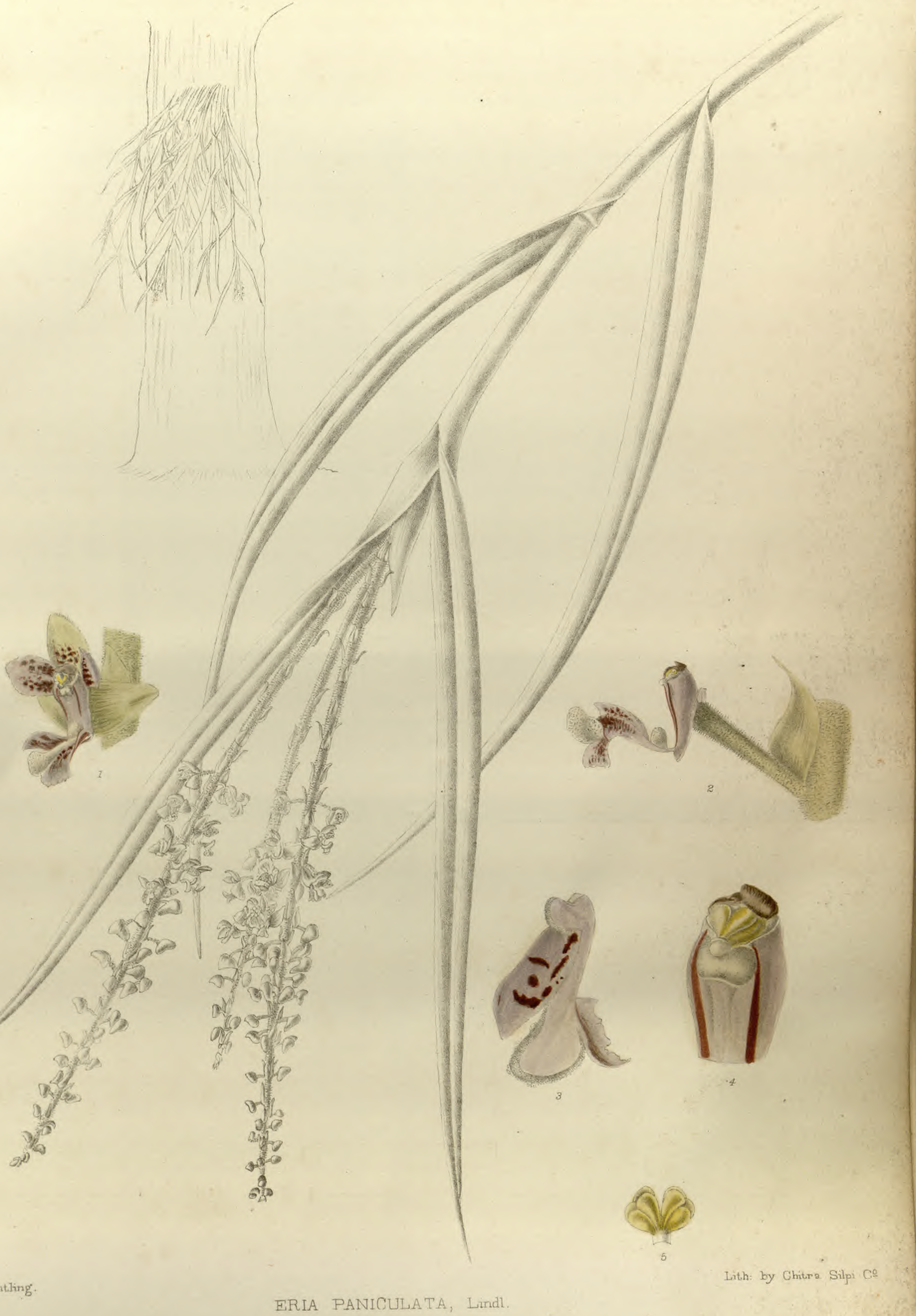
Drawn by R. Pantling.

ERIA STRICTA, Lindl.

Lith. by A. C. Mukerjei.

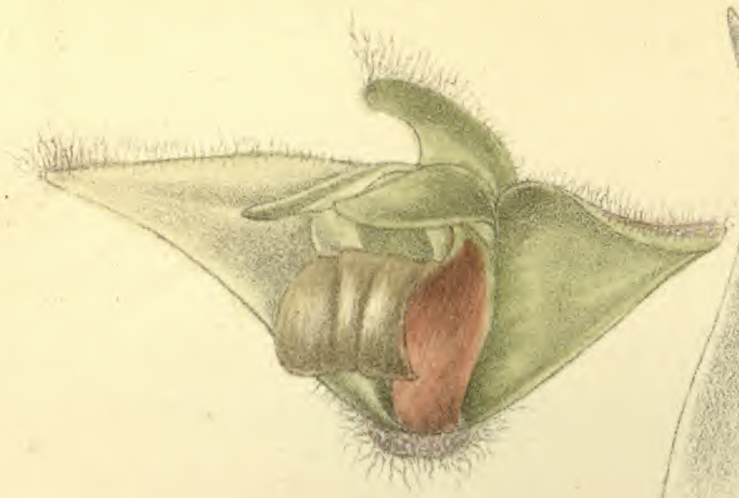


Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

ERIA PANICULATA, Lindl.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 175.



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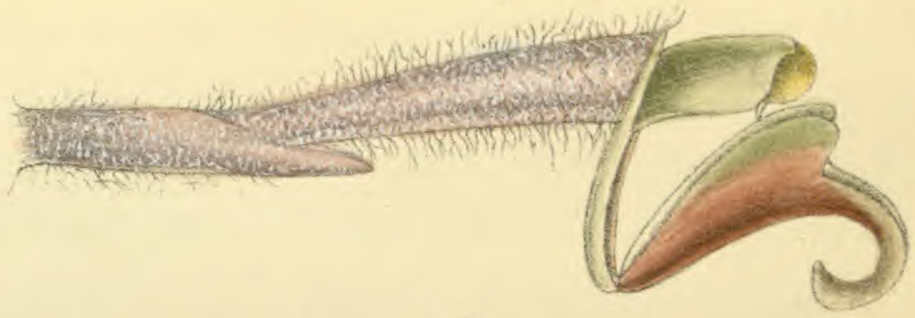

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Drawn by R. Pantling.

ERIA FLAVA, Lindl.

Lith. by A. C. Singha.

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Drawn by R. Pantling.

Lith. by A. C. Mukerjei.

ERIA PANNEA, Lindl.

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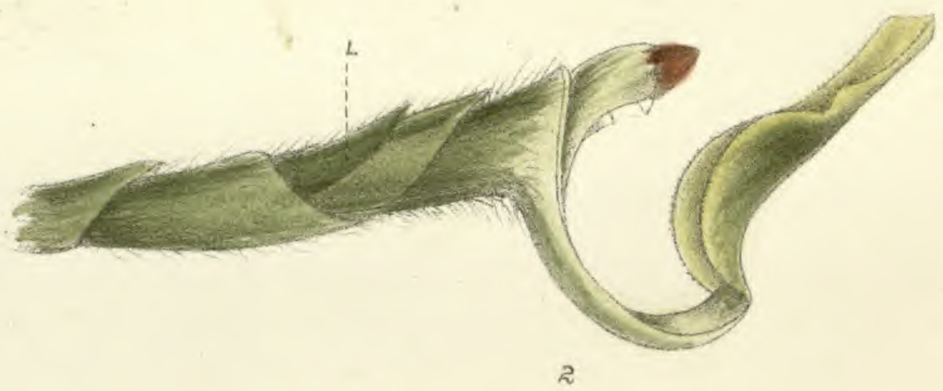

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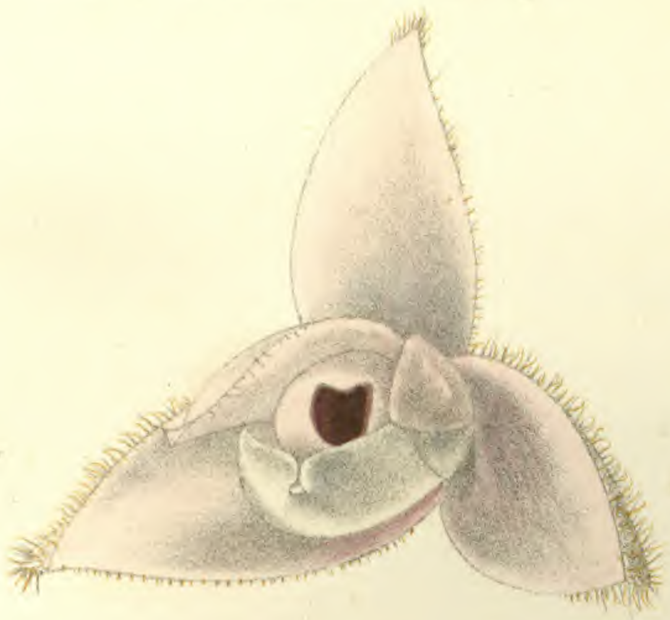
Drawn by R. Pantling.

ERIA DASYPHYLLA, Par. & Reichb. fil.

Lith. by A. C. Singha.



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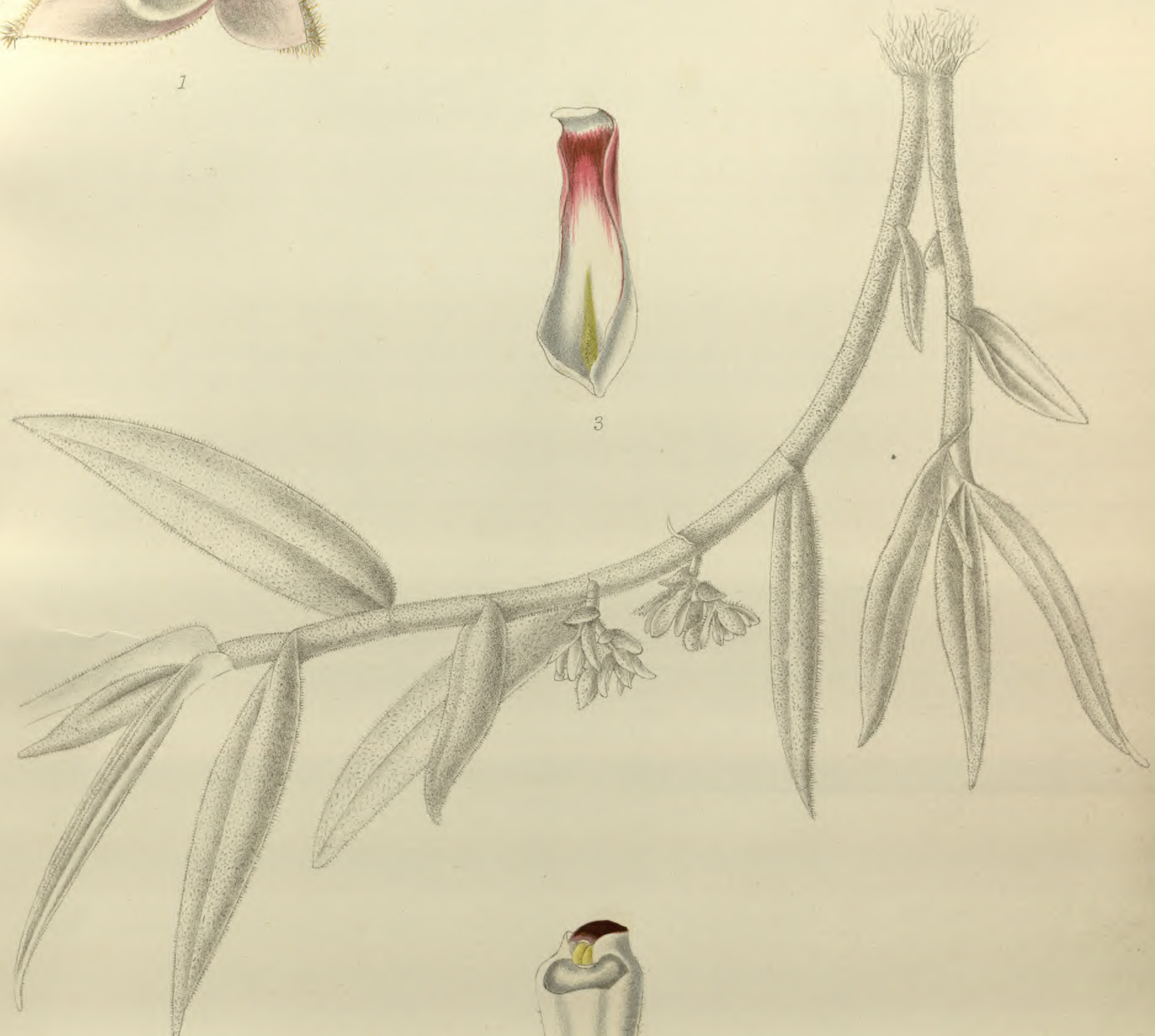

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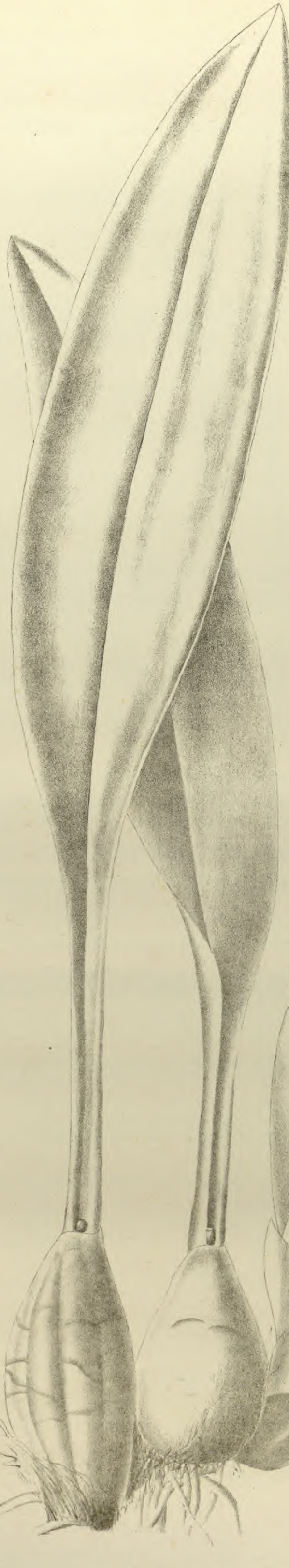

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Drawn by R. Pantling.

ERIA CARINATA, Gibson.

Lith by P. N. Sinha.

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Drawn by R. Pantling.

~~ERIA DISCOLOR, Lindl.~~

TYLOSTYLIS DISCOLOR, Hook.fil.

Lith. by A. C. Singha.

Drawn by R. Pantling.

Lith: by P. N. Sinha.

CŒLOGYNE FUSCESCENS, Lindl.

Drawn by R. Pantling.

CŒLOGYNE OCHRACEA, Lindl.

Lith. by A. C. Mukerjei.

Drawn by R. Pantling.

CŒLOGYNE FLACCIDA, Lindl.

Lith. by New Chitra Silpi Co.

Drawn by R. Pantling.

Lith. by Chitra Silpi Cº.

CŒLOGYNE CRISTATA, Lindl.

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Drawn by R. Pantling

CŒLOGYNE CORYMBOSA, Lindl.

Lith. by A. C. Mukerjei.

Drawn by R. Panting

Lith. by Chitra Silpi Co.

CŒLOGYNE OCCULTATA, Hook fil

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Drawn by R. Panthing.

Lith. by A. C. Singha.

CŒLOGYNE OVALIS, Lindl.

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CŒLOGYNE ELATA, Lindl.

Drawn by R. Pantling.

Litha by New Chitra Silpi Co.

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Drawn by R. Pantling.

CŒLOGYNE LONGIPES, Lindl.

Lith. by K. D. Chandra.

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Drawn by R. Pantling.

ŒLOGYNE PROLIFERA, Lindl.

Lith: by A. C. Singha.

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CŒLOGYNE FLAVIDA, Wall.

Drawn by R. Pantling.

Lith. by B. K. Roy.

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Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

CŒLOGYNE UNIFLORA, Lindl.

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Drawn by R. Pantling.

Lith. by G. C. Dass.

CŒLOGYNE HOOKERIANA, Lindl.

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Drawn by R. Pantling.

CŒLOGYNE HUMILIS, Lindl.

Lith. by G. C. Dass.

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Drawn by R. Pantling.

CŒLOGYNE MACULATA, Lindl.

Lith. by New Chitra Silpi Cº.

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CŒLOGYNE PRŒCOX, Lindl.

Drawn by R. Pantling.

Lith. by B. K. Roy.

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Drawn by R. Panting.

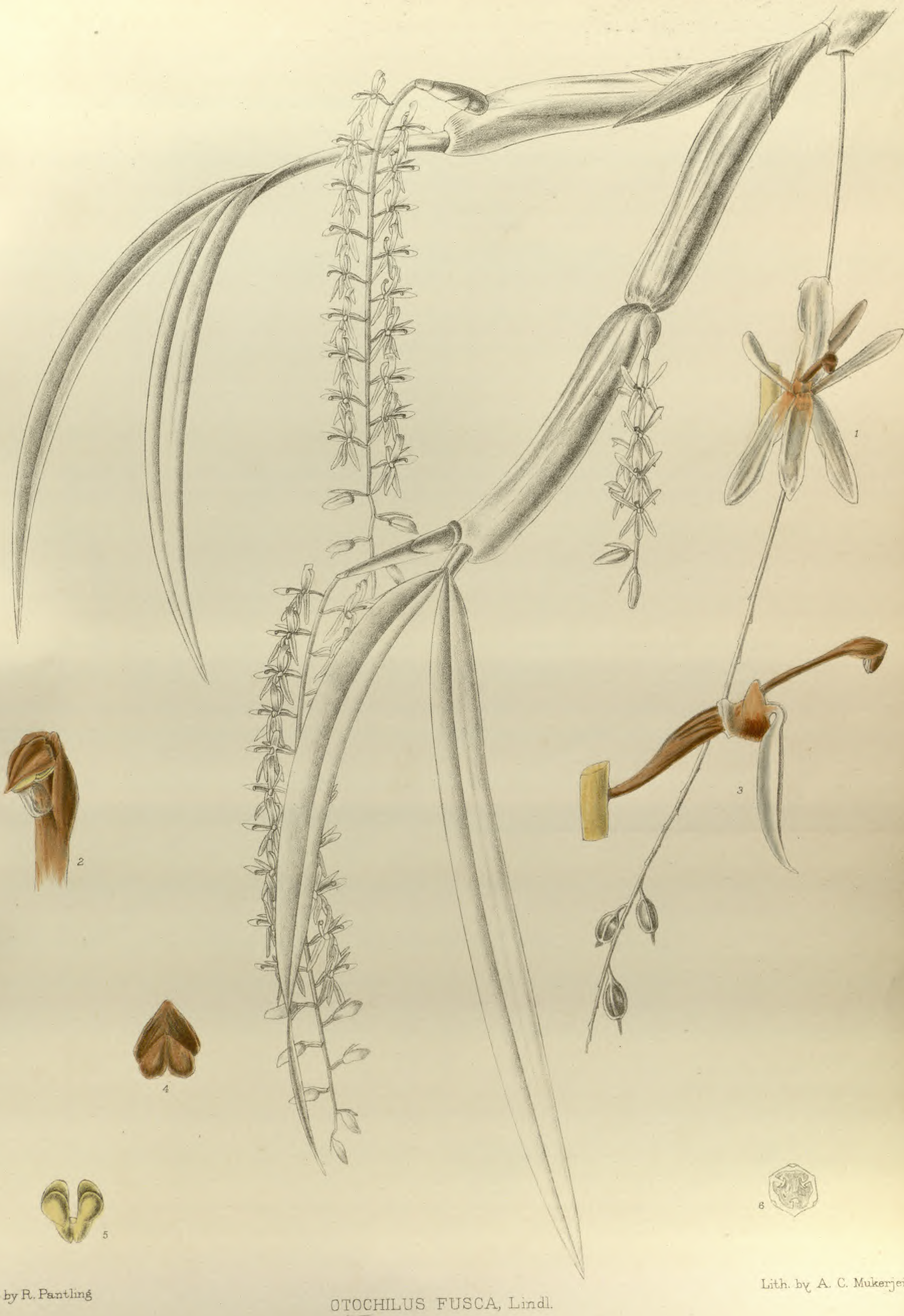
PANISEA PARVIFLORA, Lindl.

Lith. by K. D. Chandra.

Drawn by R. Panthng.

OTOCHILUS PORRECTA, Lindl.

Lith. by Chitra. Silpi Cº.



Drawn by R. Pantling

OTOCHILUS FUSCA, Lindl.

Lith. by A. C. Mukerjee.

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Drawn by R. Pantling.

OTOCHILUS ALBA, Lindl.

Lith. by A. C. Singha.

PHOLIDOTA IMBRICATA, Lindl.

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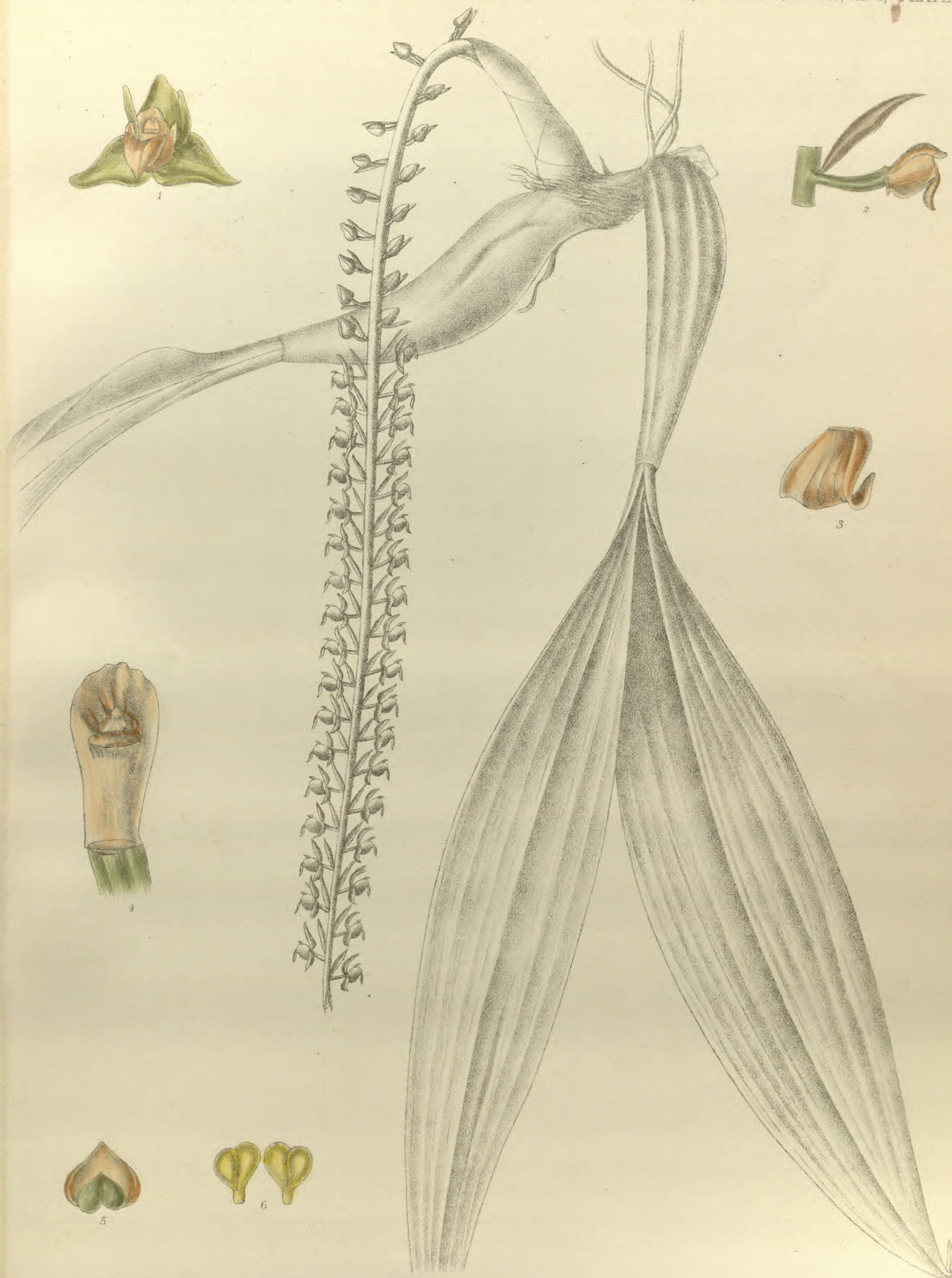

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Drawn by R. Pantling.

PHOLIDOTA RUBRA, Lindl.

Lith. by A.C. Singha.

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Drawn by R. Pantling.

Lith: by B. K. Roy.

PHOLIDOTA PROTRACTA, Hook. fil.

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Drawn by R. Pantling.

P. ARTICULATA, Lindl. VAR. GRIFFITHII, K. & P.

Lith: by K P. Dass.

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Drawn by R. Pantling.

PHOLIDOTA ARTICULATA, Lindl.

Lith: by Chitra Silpi Cº

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Drawn by R. Pantling.

PHOLIDOTA RECURVA, Lindl.

Lith: by K.D. Chandra.

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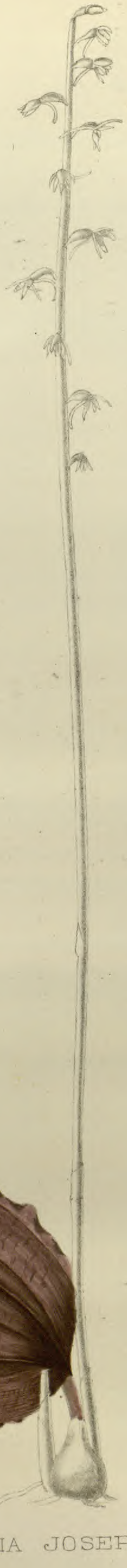

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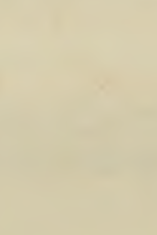

6

Drawn by R. Panthing.

TIPULARIA JOSEPHII, Reichb. fil.

Lith. by Chitra Sulpi Co.

R. Pantling del.

MONOMERIA BARBATA, Lindl.

Lith. by A.C. Chowdhary.

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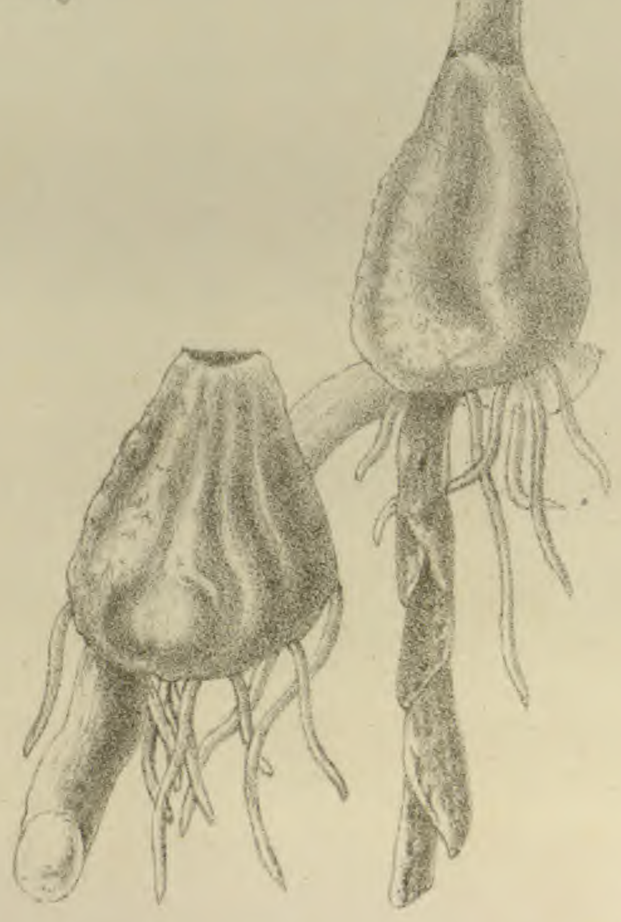

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Drawn by R. Pantling.

Lith: by A. C. Singha.

ACROCHŒNE PUNCTATA, Lindl.

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AGROSTOPHYLLUM KHASIANUM, Griff.

Drawn by R. Pantling

Lith. by A. C. Mukerjei.

Drawn by R. Pantling.

AGROSTOPHYLLUM MYRIANTHUM, King & Pantling.

Lith: by A. L. Singh.

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Drawn by R. Pantling.

AGROSTOPHYLLUM CALLOSUM, Reichb. fil.

Lith: by Chitra Silpi C°

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Drawn by R. Pantling.

Lith. by Chitra Salpi Co.

AGROSTOPHYLLUM BREVIPES, King & Pantling.

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Drawn by R. Pantling.

RITAIA HIMALAICA, King & Pantling.

Lith: by K. P. Dass.

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IONE PALEACEA, Lindl.

Drawn by R. Pantling.

Lith: by A. L. Singh.

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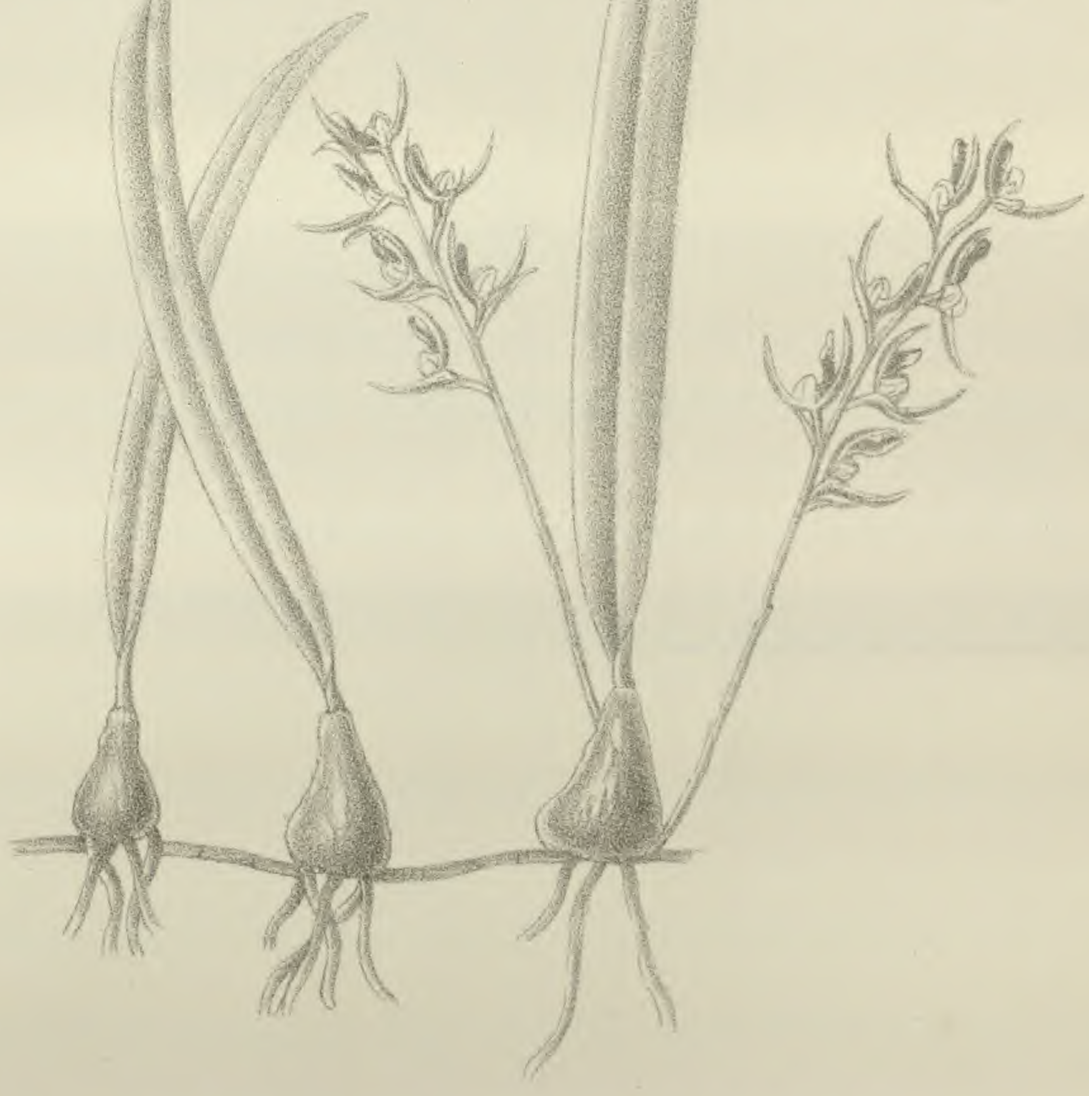

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Drawn by R. Pantling.

IONE BICOLOR, Lindl.

Lith. by A. C. Singha.

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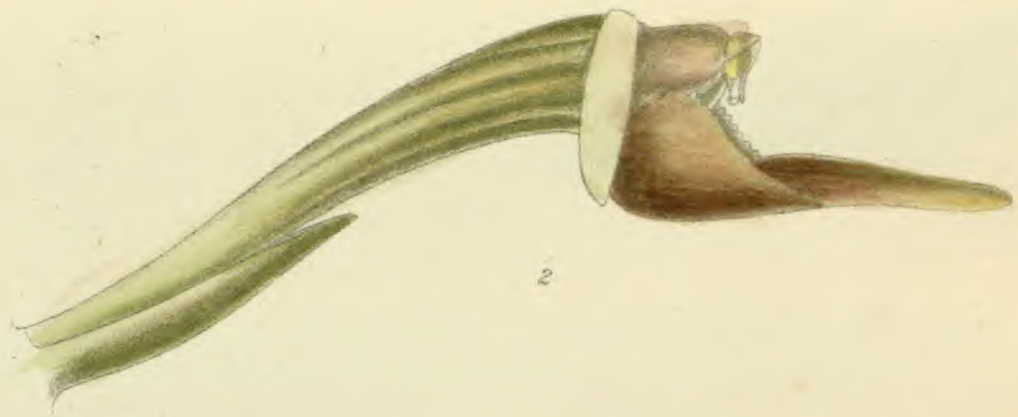

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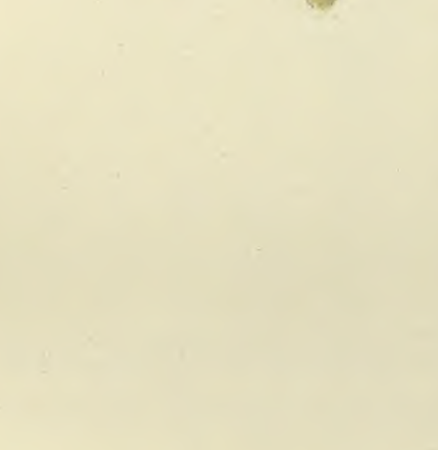

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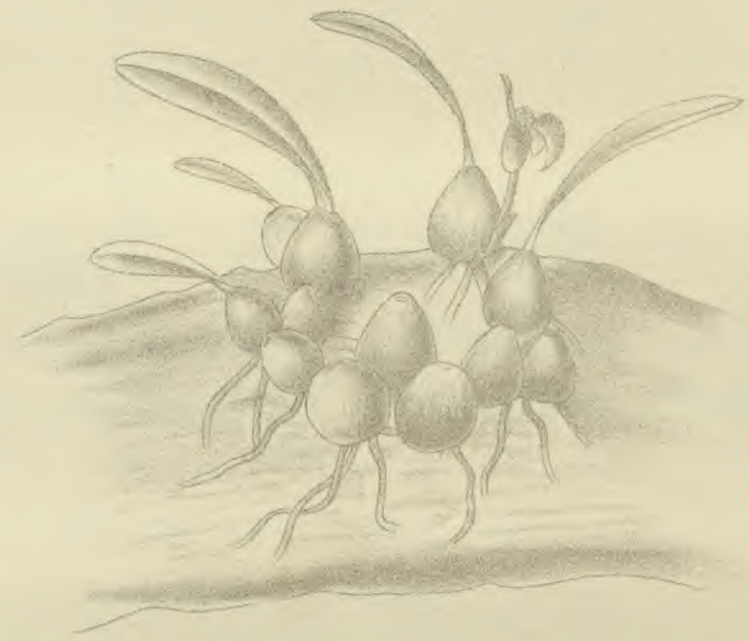

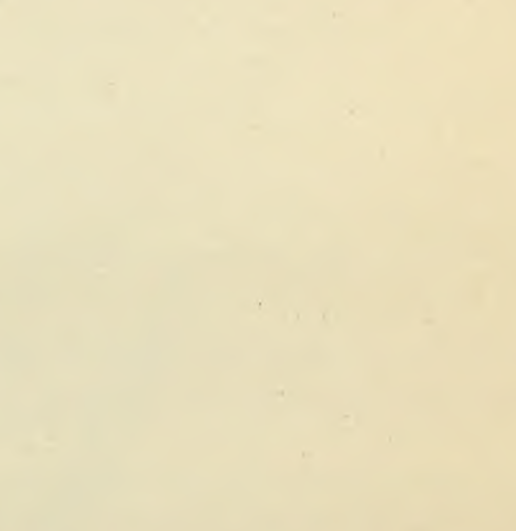

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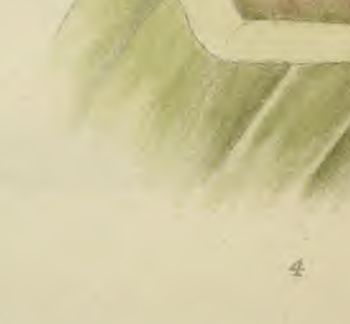

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Drawn by R. Pantling.

IONE ANDERSONI, King & Pantling.

Lith. by New Chitra Silpi Co.

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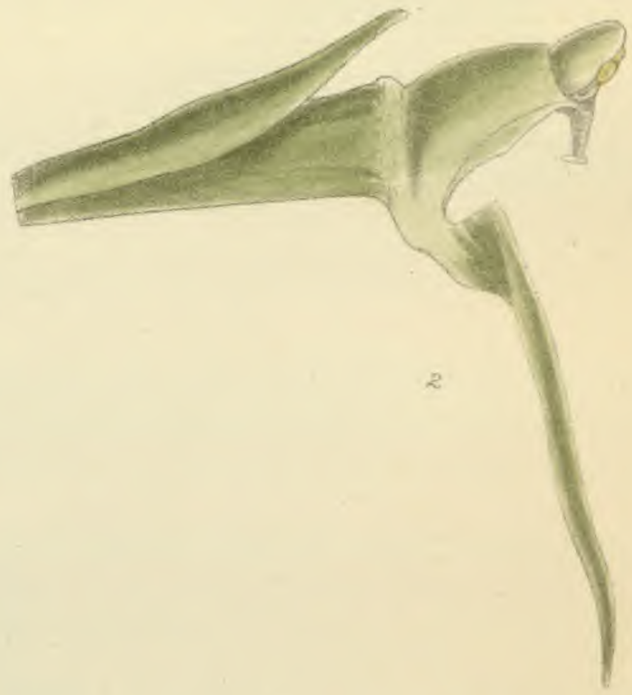

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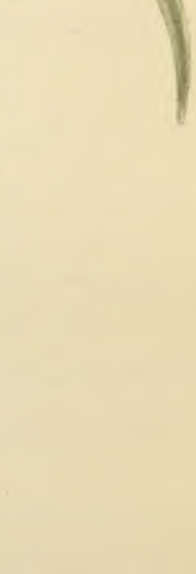

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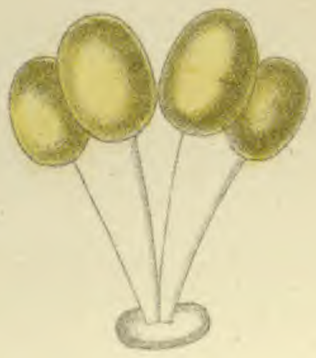

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Drawn by R. Pantling.

IONE INTERMEDIA, King & Pantling.

Lith: by New Chitra Silpi Co

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Drawn by R. Pantling.

IONE SCARIOSA, King & Pantling.

Lith: by Chitra Silpi C[illegible]

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Drawn by R. Pantling.

CRYPTOCHILUS SANGUINEA, Wall.

Lith. by A. C. Mukerjei.

Drawn by R. Pantling.

CRYPTOCHILUS LUTEA, Lindl.

Lith. by A. C. Mukerjei.

Drawn by R. Pantling.

Lith: by K.D. Chandra.

CALANTHE LONGIPES, Hook. fil.
= C. GRACILIS, Lindl.

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Drawn by R. Pantling.

CALANTHE TRICARINATA, Lindl.

Lith by New Chitra Silpi Co.

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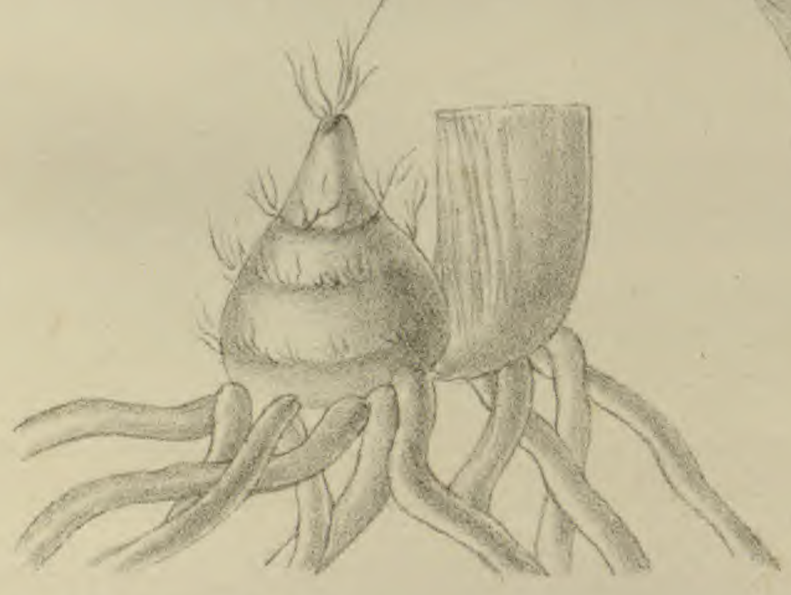

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Drawn by R. Pantling.

CALANTHE PUBERULA, Lindl.

Lith. by A. C. Singha.

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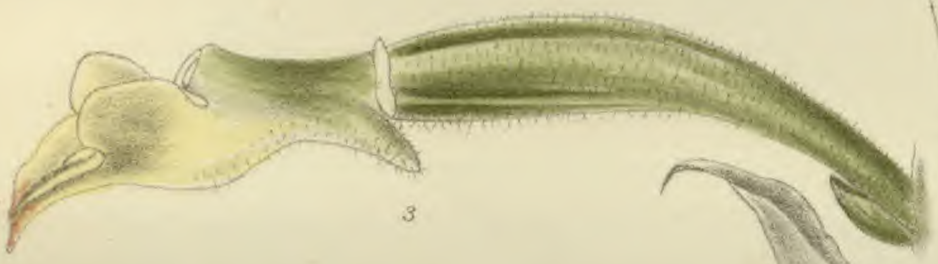

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Drawn by R. Pantling.

CALANTHE MANNII, Hook. fil.

Lith. by K. P. Dass.

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Drawn by R. Pantling.

CALANTHE TRULLIFORMIS, King & Pantling.

Lith: by K. P. Dass.

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Drawn by R. Panthing.

CALANTHE BREVICORNU, Lindl.

Lith: by A. C. Singha.

Drawn by R. Pantling.

Lith: by Chitra Silpi Co.

CALANTHE BILOBA, Lindl.

CALANTHE ALPINA, Hook. fil.

Drawn by R. Pantling.

Lith. by A. C. Sanghe.

Drawn by B. Pantling.

CALANTHE ALISMÆFOLIA, Lindl.

Lith. by A. C. Mukerjee.

Drawn by R. Pantling.

CALANTHE CHLOROLEUCA, Lindl.

Lith. by K. D. Chandra.

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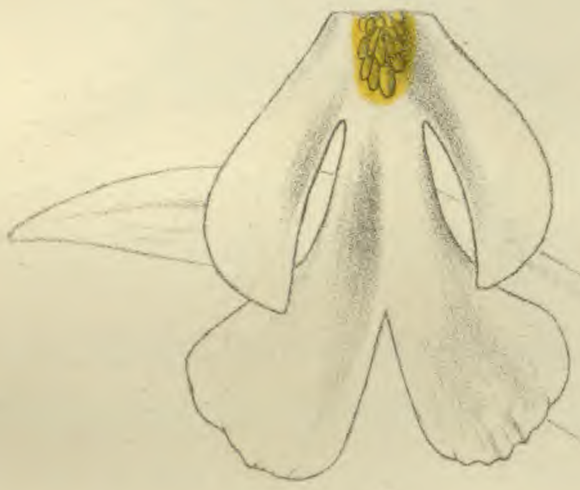

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Drawn by R. Pantling.

CALANTHE ANGUSTA, Lindl.

Lith. by K. D. Chandra.

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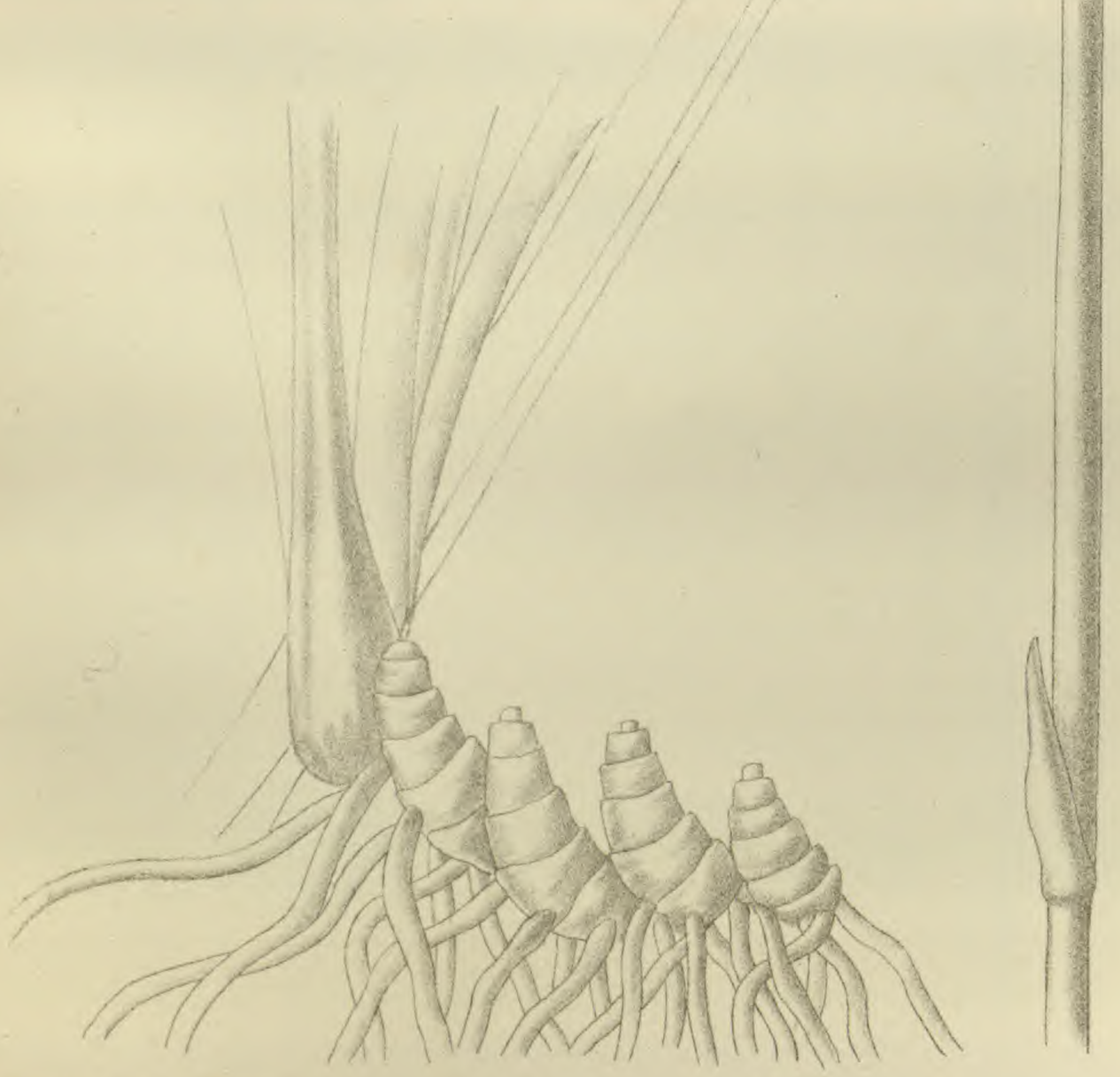
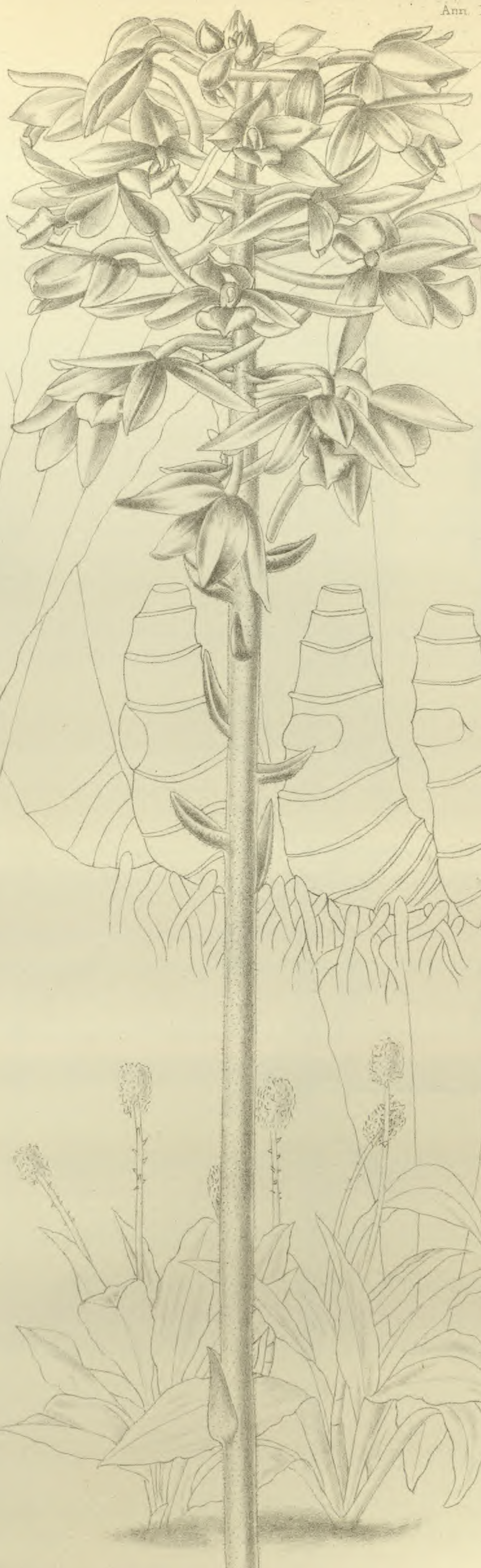


Drawn by R. Pantling.

CALANTHE HERBACEA, Lindl.

Lith. by A. G. Mukerjei.

1



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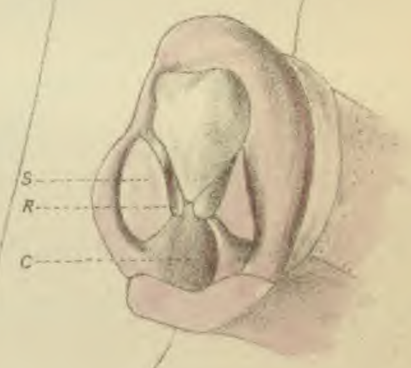

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Drawn by R Panthing

CALANTHE MASUCA, Lindl.

Lith: by Chitra Silpi Cº

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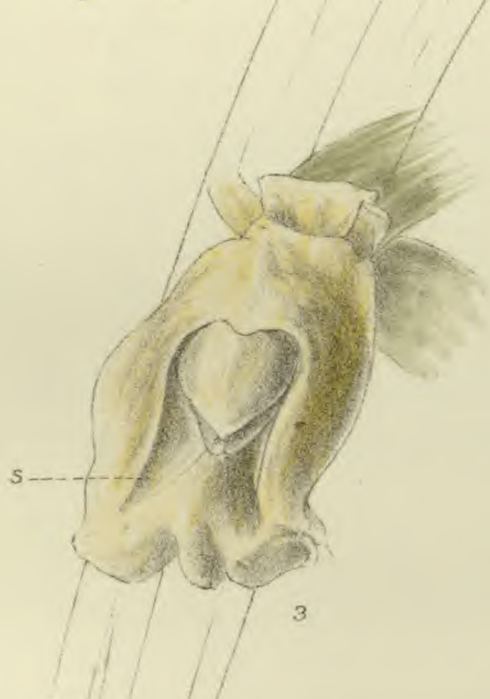

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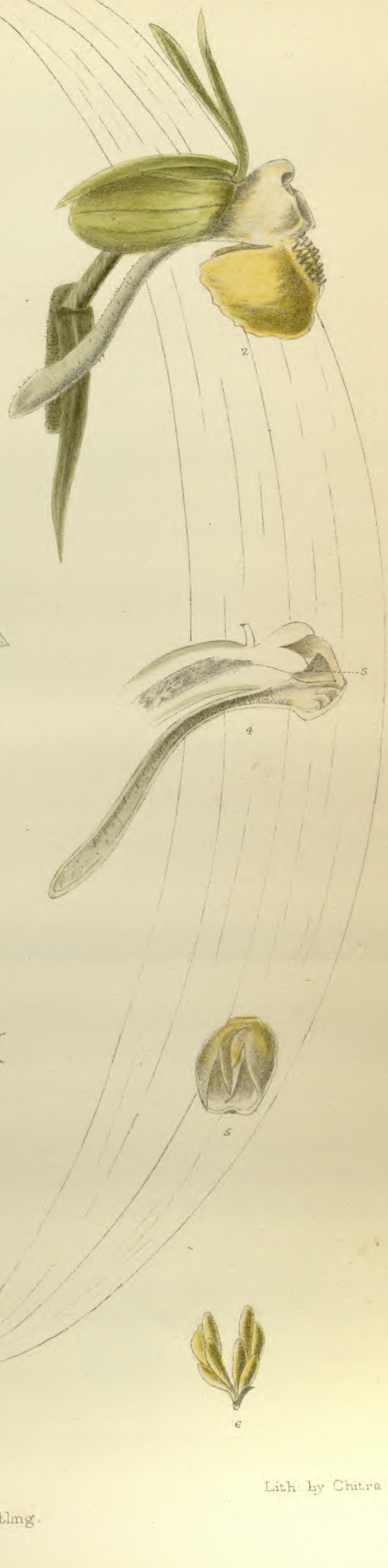

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Drawn by R. Pantling.

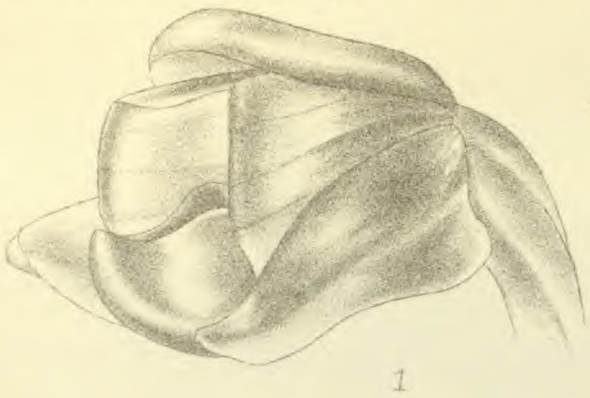
Lith. by Chitra Silpi Cº

CALANTHE WHITEANA, King & Pantling.

CALANTHE DENSIFLORA, Lindl.

Drawn by R. Pantling.

Lith. by A. C. Mukerjei.



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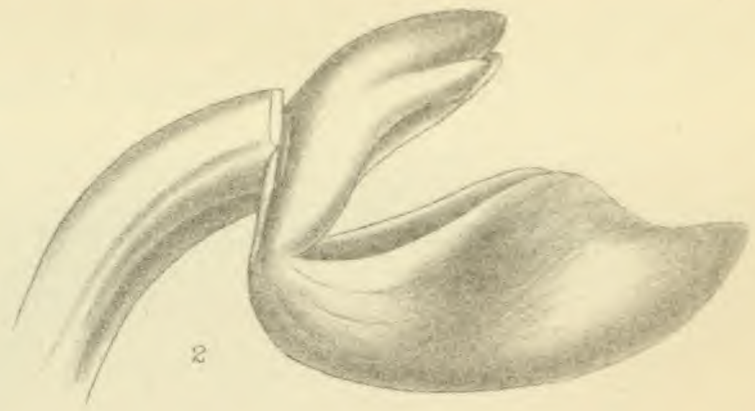

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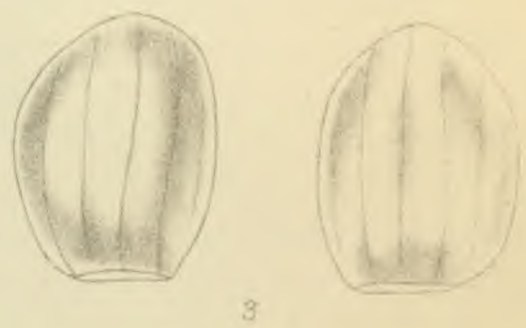

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Drawn by R. Pantling.

YOANIA PRAINII, King & Pantling.

Lith. by A. C. Mukerjee.

Drawn by R. Pantling.

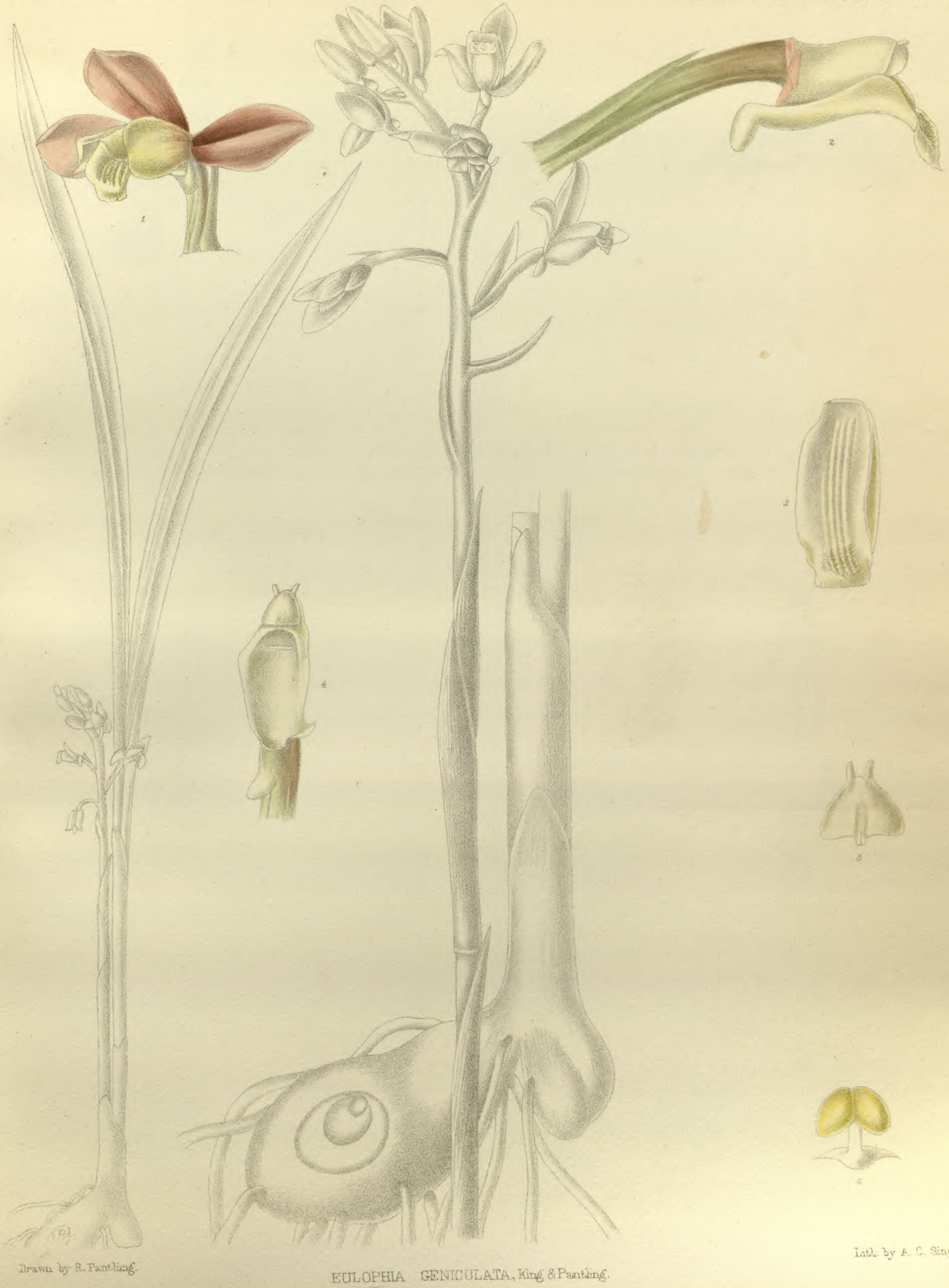
EULOPHIA GRAMINEA, Lindl.

Lith. by A. L. Singh.

Drawn by R. Pantling.

EULOPHIA MANNII, Hook. fil.

Lith. by A.C. Singha.

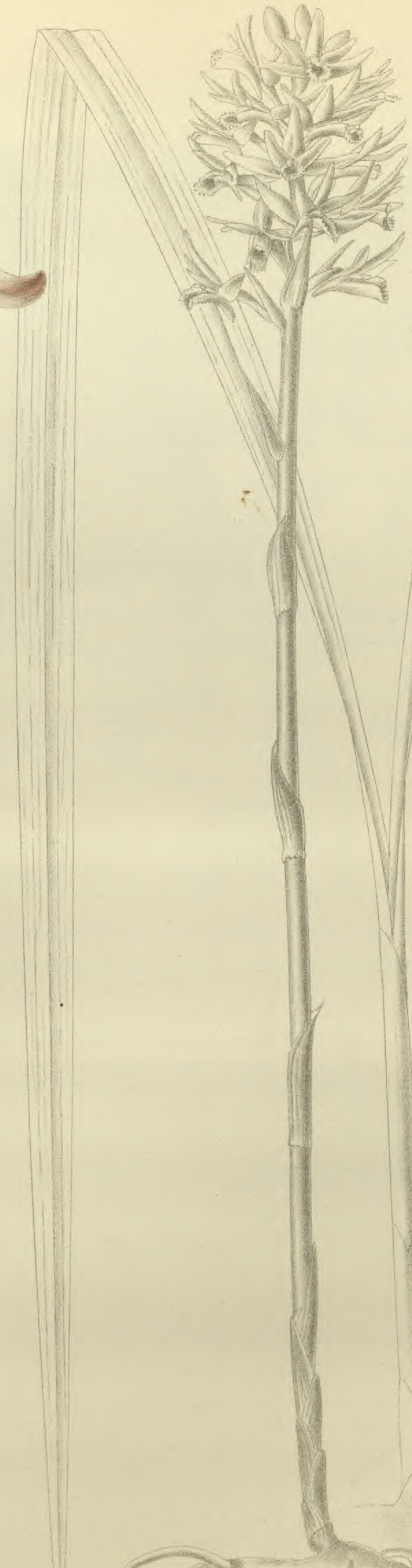


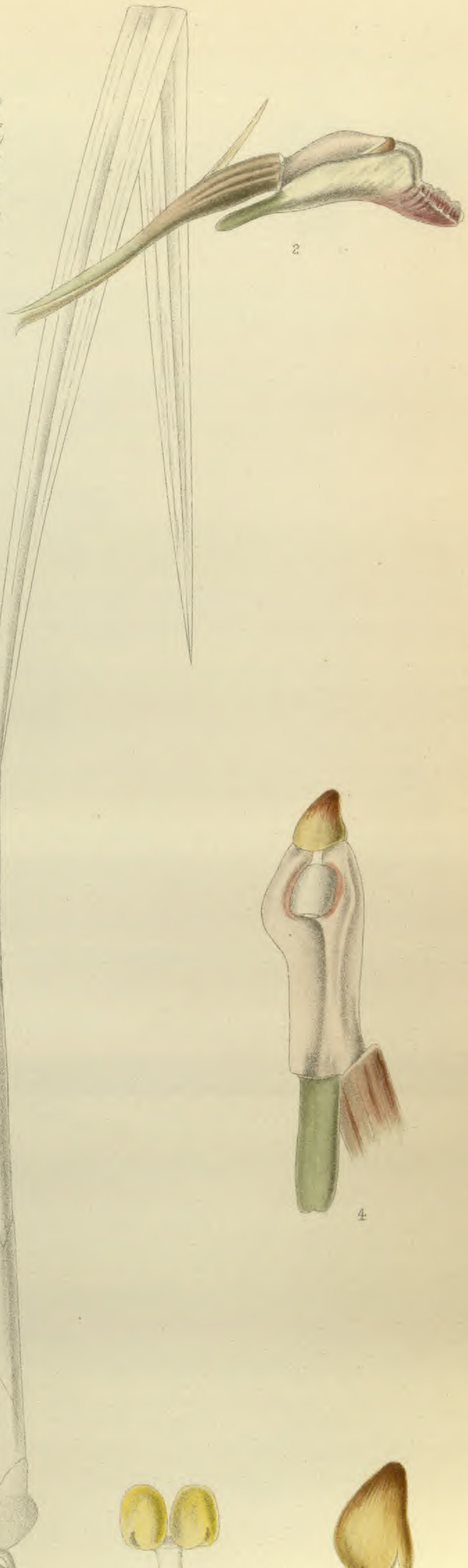
Drawn by R. Pantling.

EULOPHIA GENICULATA, King & Pantling.

Lith. by A. C. Singha.

1





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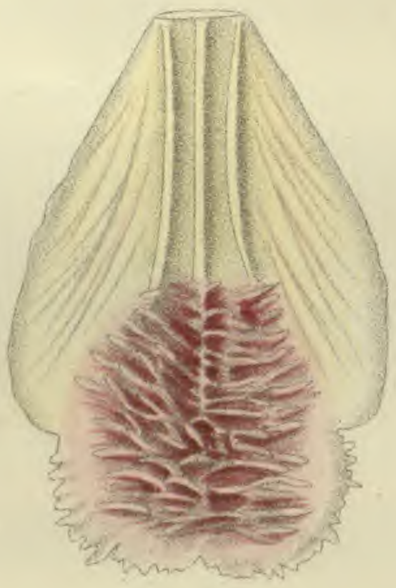

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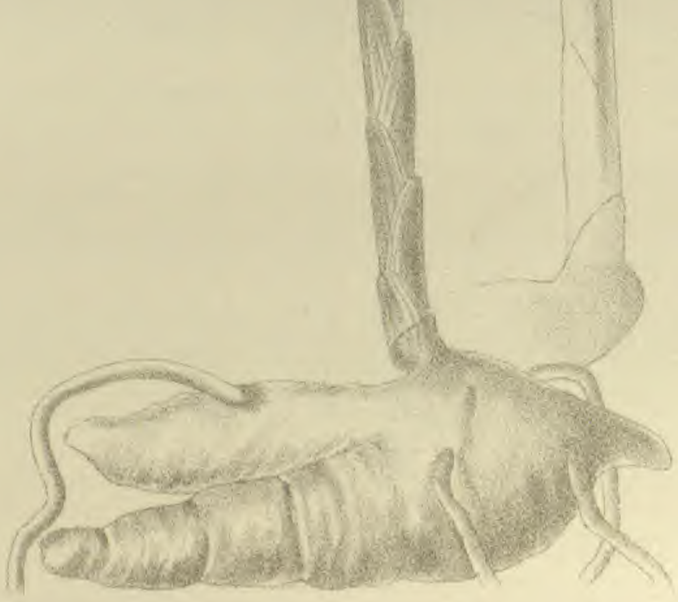

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Drawn by R. Pantling.

EULOPHIA CAMPESTRIS, Wall.

Lith. by A. C. Mukerjei

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Drawn by R. Pantling.

EULOPHIA SANGUINEA, Hook. fil.

Lith: by New Chitra Silpi Co.

Drawn by R. Panthing.

EULOPHIA NUDA, Lindl.

Lith. by K. D. Chandra.

Drawn by R. Pantling

EULOPHIA BICARINATA, Hook. fil.

Lith. by Chitra Sálá C.ª

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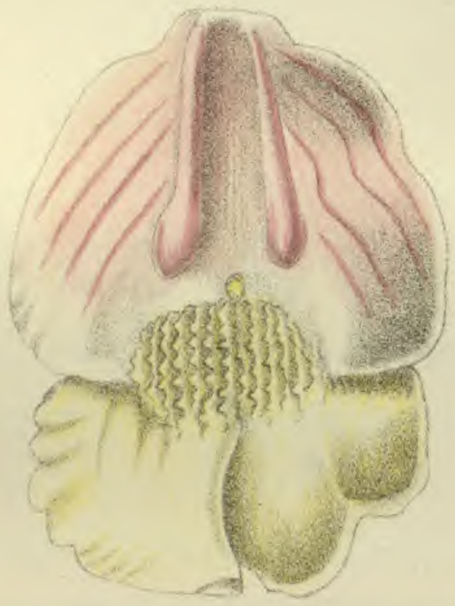

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Drawn by R. Pantling.

EULOPHIA BICARINATA, Hook. fil. VAR. MAJOR, K&P.

Lith: by K. P. Dass.

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Drawn by R. Pantling.

GEODORUM PURPUREUM, Br.

Lith. by A. C. Mukerjei.

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Drawn by R. Panthing.

CREMASTRA WALLICHIANA, Lindl.

Lith. by New Chitra Silpi Co.

Drawn by R. Pantling.

CYMBIDIUM LANCIFOLIUM, Hook.

Lith: by G. C. Dass.

Drawn by R. Pantling.

Lith. by Chitra Silpi Co.

CYMBIDIUM CYPERIFOLIUM, Wall

Drawn by R. Pantling.

CYMBIDIUM MUNRONIANUM, King & Pantling.

Lith. by A. C. Mukerjei.

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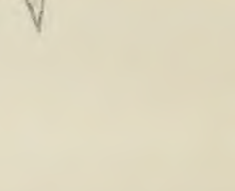

7

Drawn by R. Pantling.

CYMBIDIUM SIMONSIANUM, King & Pantling.

Lith: by A. C. Mukerjei.

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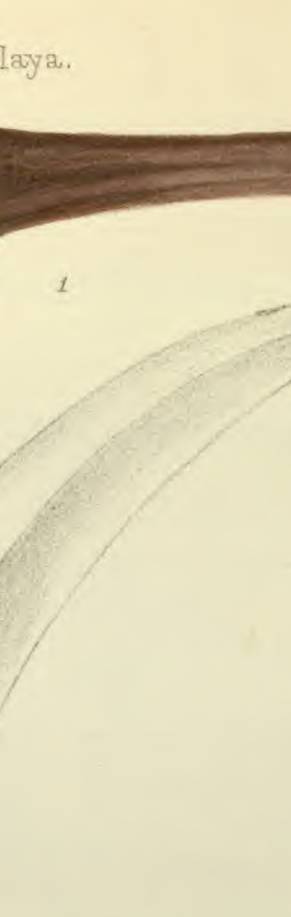

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Drawn by R. Panthing.

CYMBIDIUM PENDULUM, Swartz.

Lith: by A.L. Singh.

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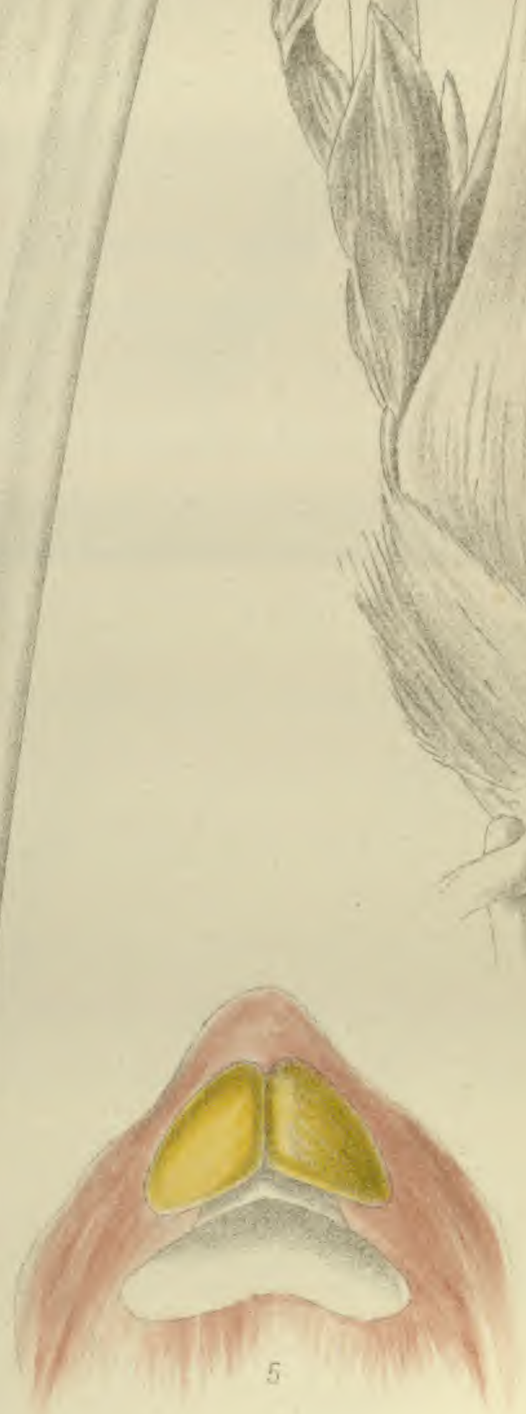

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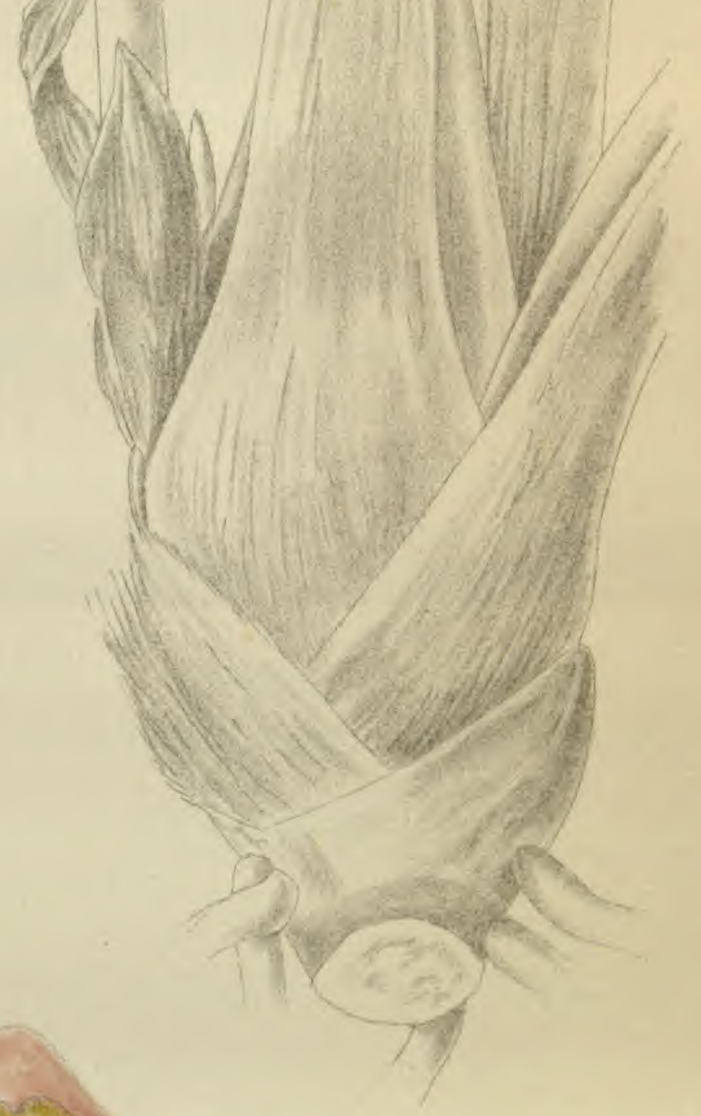

6

Drawn by R. Pantling.

CYMBIDIUM ALOIFOLIUM, Swartz.

Lith. by A. C. Mukerjei.

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Drawn by R. Pantling.

CYMBIDIUM DEVONIANUM, Paxt.

Lith. by A. C. Singha.

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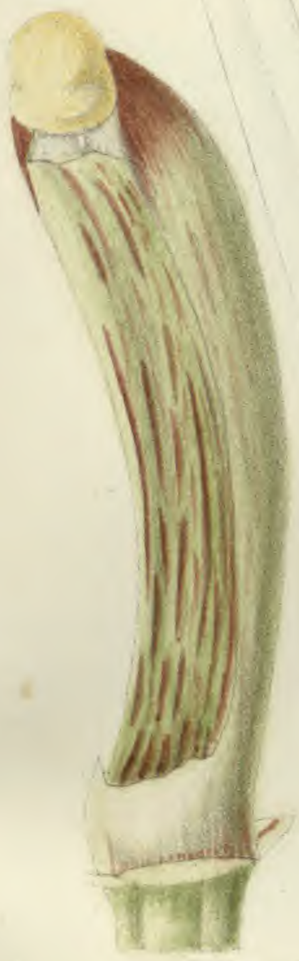

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Drawn by R. Panthing

Lith. by Chitra Silpi Co

CYMBIDIUM LONGIFOLIUM, Don.

Lith. by New Chitra Silpi Co
CYMBIDIUM GIGANTEUM, Wall.
Drawn by R. Pantling.
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Drawn by R. Pantling.

CYMBIDIUM GRANDIFLORUM, Griff.

Lith. by S.C. Mondul.

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Drawn by R. Pantling.

Lith: by Chitra Silpi Co

CYMBIDIUM GAMMIEANUM, King & Pantling.

Drawn by R. Pantling.

CYMBIDIUM WHITEÆ, King & Pantling.

Lith. by A. C. Mukerjee.

Drawn by R. Panthng.

CYMBIDIUM ELEGANS, Lindl.

Lith. by B. K. Roy.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8. PLATE 260.

Drawn by R. Pantling.

Lith: by Chitra Silpi Co

CYMBIDIUM COCHLEARE, Lindl.

Drawn by R. Pantling.

CYMBIDIUM MASTERSII, Griff.

Lith. by K. D. Chandra.

Lith. by K. D. Chandra.

CYMBIDIUM EBURNEUM, Lindl.

Drawn by R. Fanthing.

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Drawn by R. Pantling.

PHALŒNOPSIS PARISHII, Reichb:fil: var. LOBBII. R.f.

Lith. by A. C. Mukerjei.

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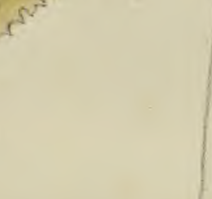

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Drawn by R. Pantling.

PHALŒNOPSIS MANNII, Reichb. fil.

Lith. by Chitra Silpi Co.

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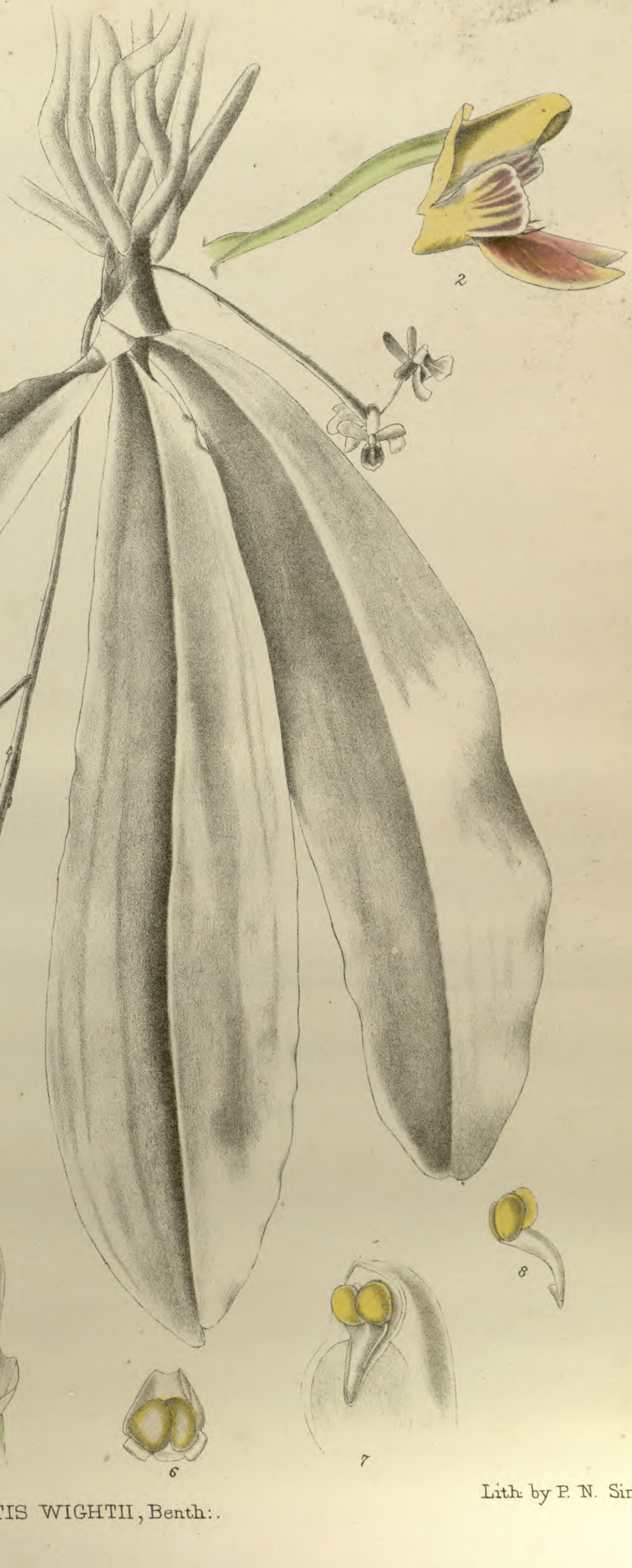

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Drawn by R. Pantling.

DORITIS WIGHTII, Benth:.

Lith. by P. N. Sinha.

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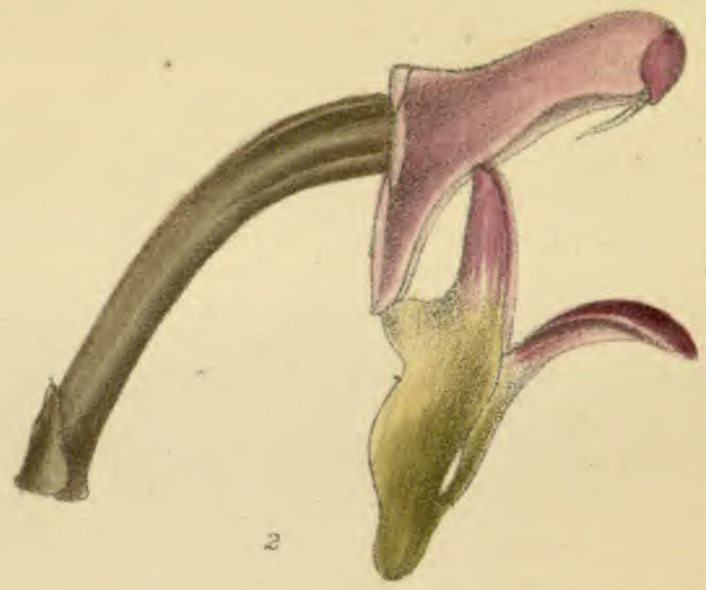

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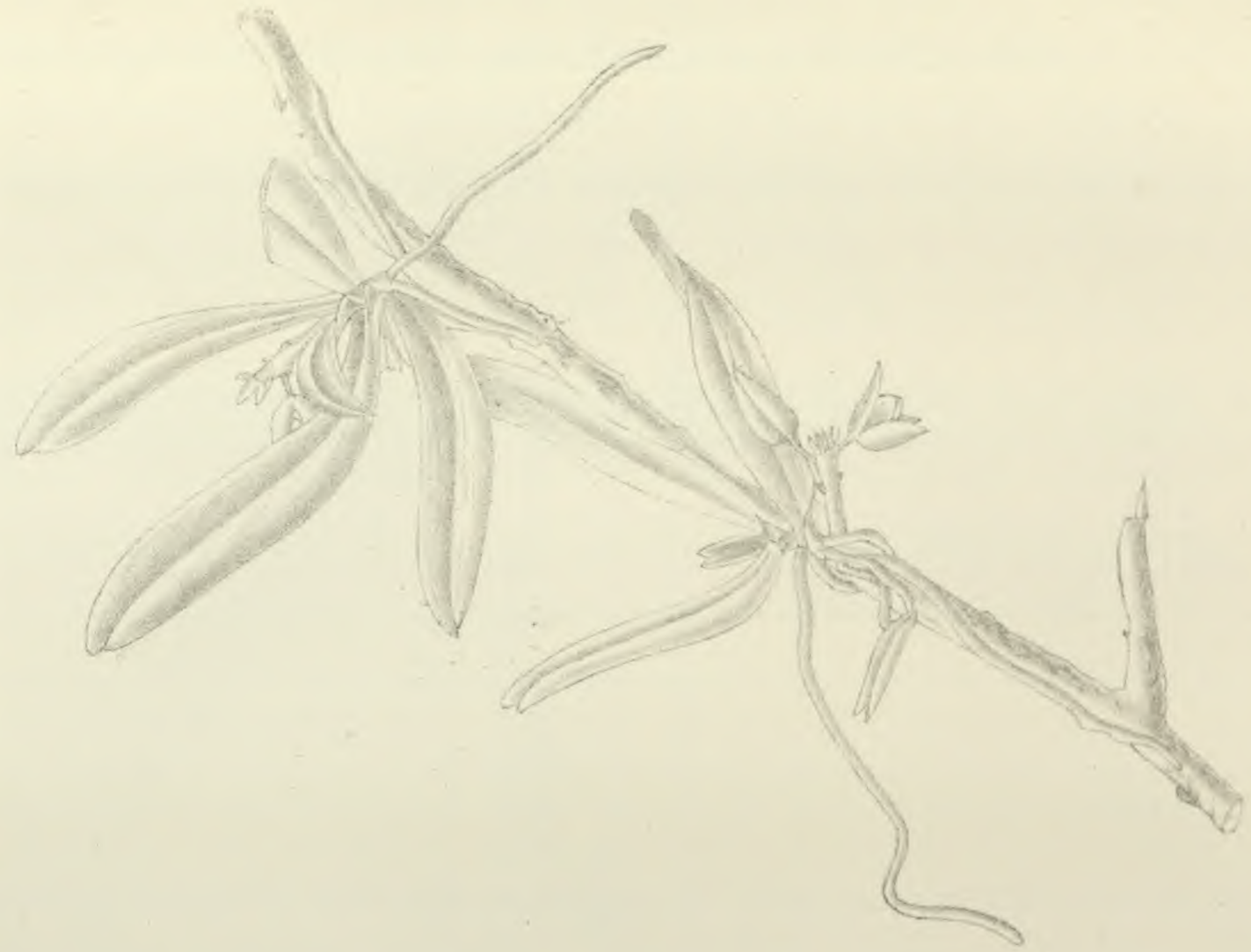
Drawn by R. Pantling.

DORITIS TÆNIALIS, Benth.

Lith: by A. C. Singha.



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Drawn by R. Pantling.

SARCOCHILUS BIMACULATUS, King & Pantling.

= BIERMANNIA BIMACULATA, K. & P.

Lith. by B. K. Roy.

Drawn by R. Pantling.

Lith. by Chitra Silpi Co.

ORNITHOCHILUS FUSCUS, Wall.

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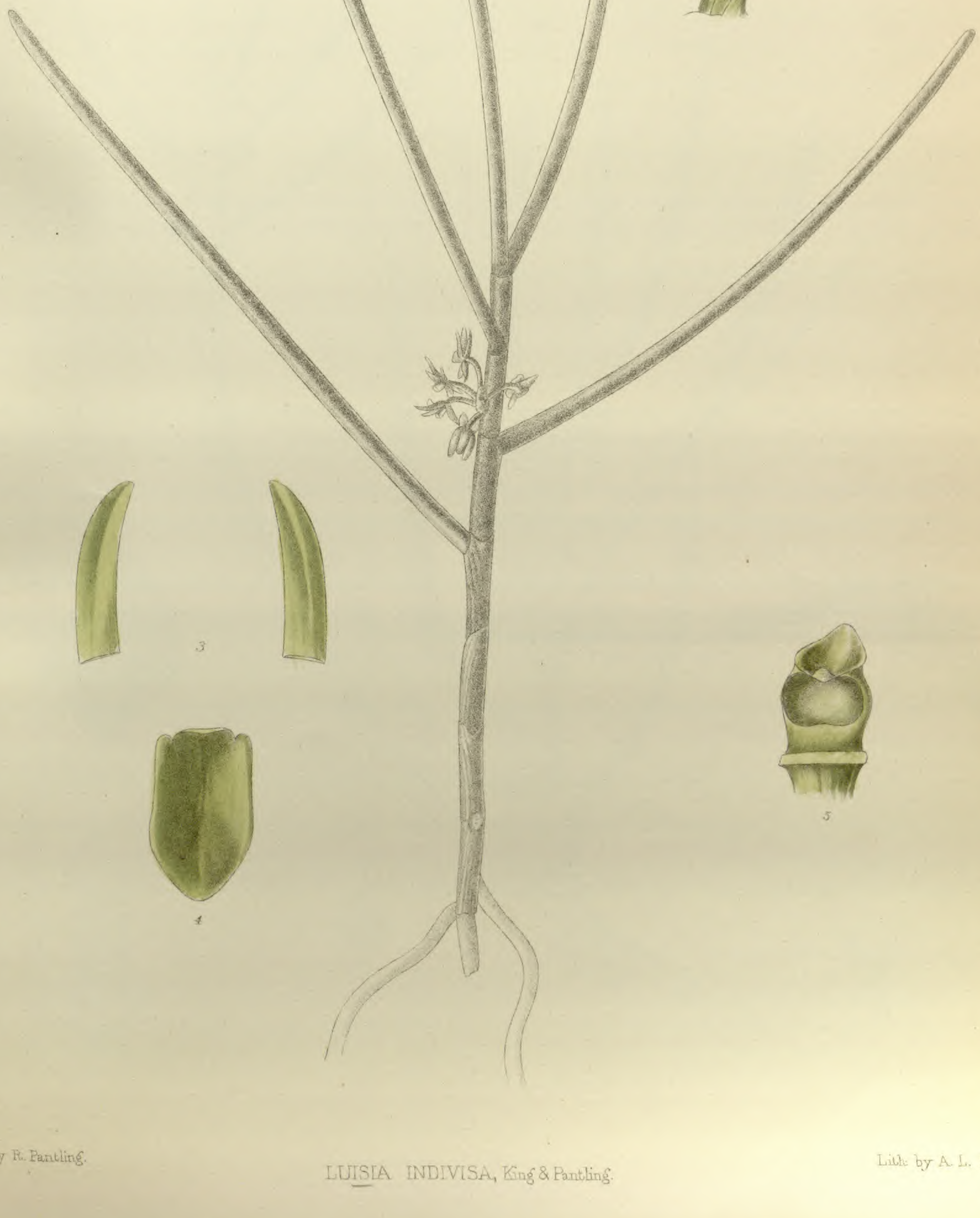

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Drawn by R. Pantling.

LUISIA INDIVISA, King & Pantling.

Lith. by A. L. Singh.

Drawn by R. Pantling.

Lith. by P. N. Sinha.

LUISIA TRICHORHIZA, Blume.

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Drawn by R. Pantling.

LUISIA TERETIFOLIA, Gaud.

Lith by P. N. Sinha.

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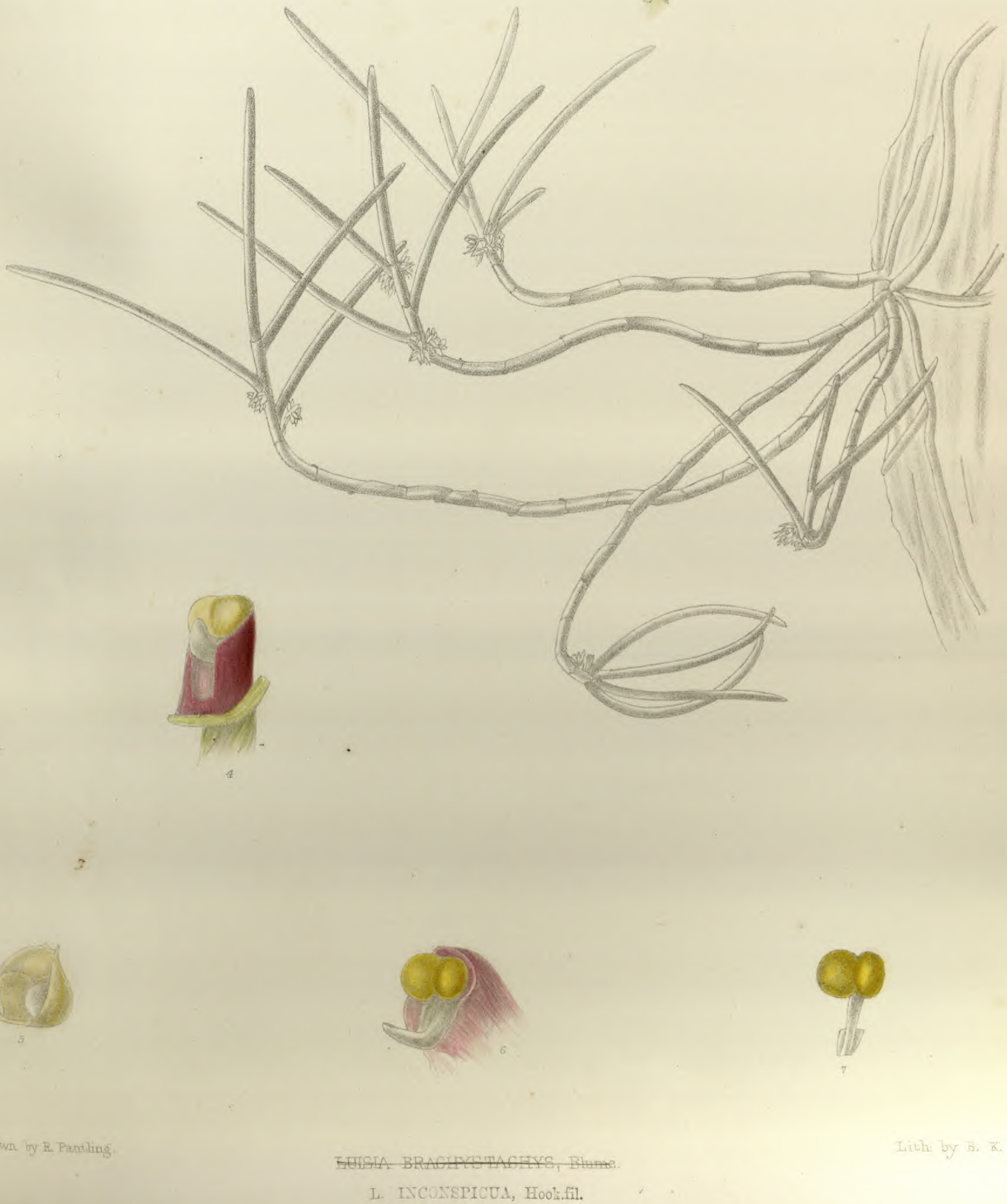

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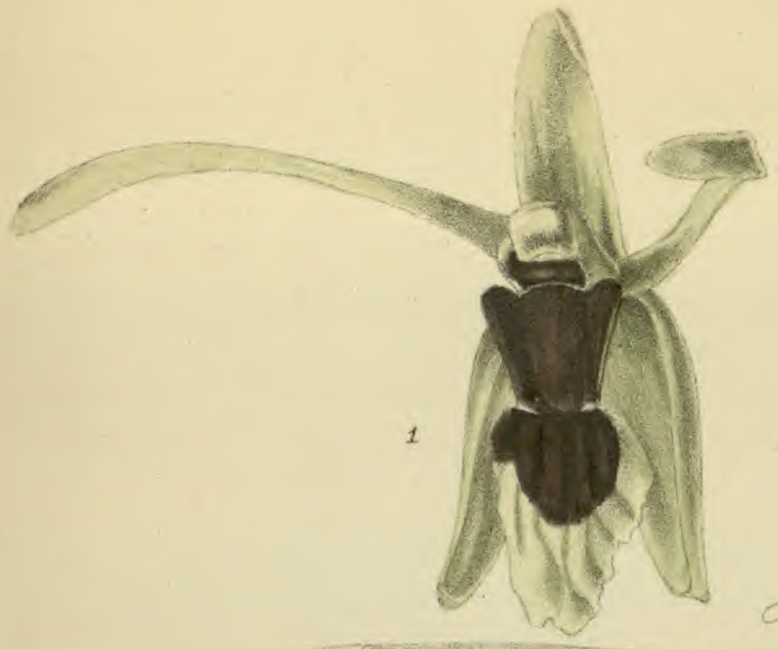
Drawn by R. Pantling.

Lith: by B. K. Roy.

LUISIA BRACHYSTACHYS, Blume.

L. INCONSPICUA, Hook.fil.



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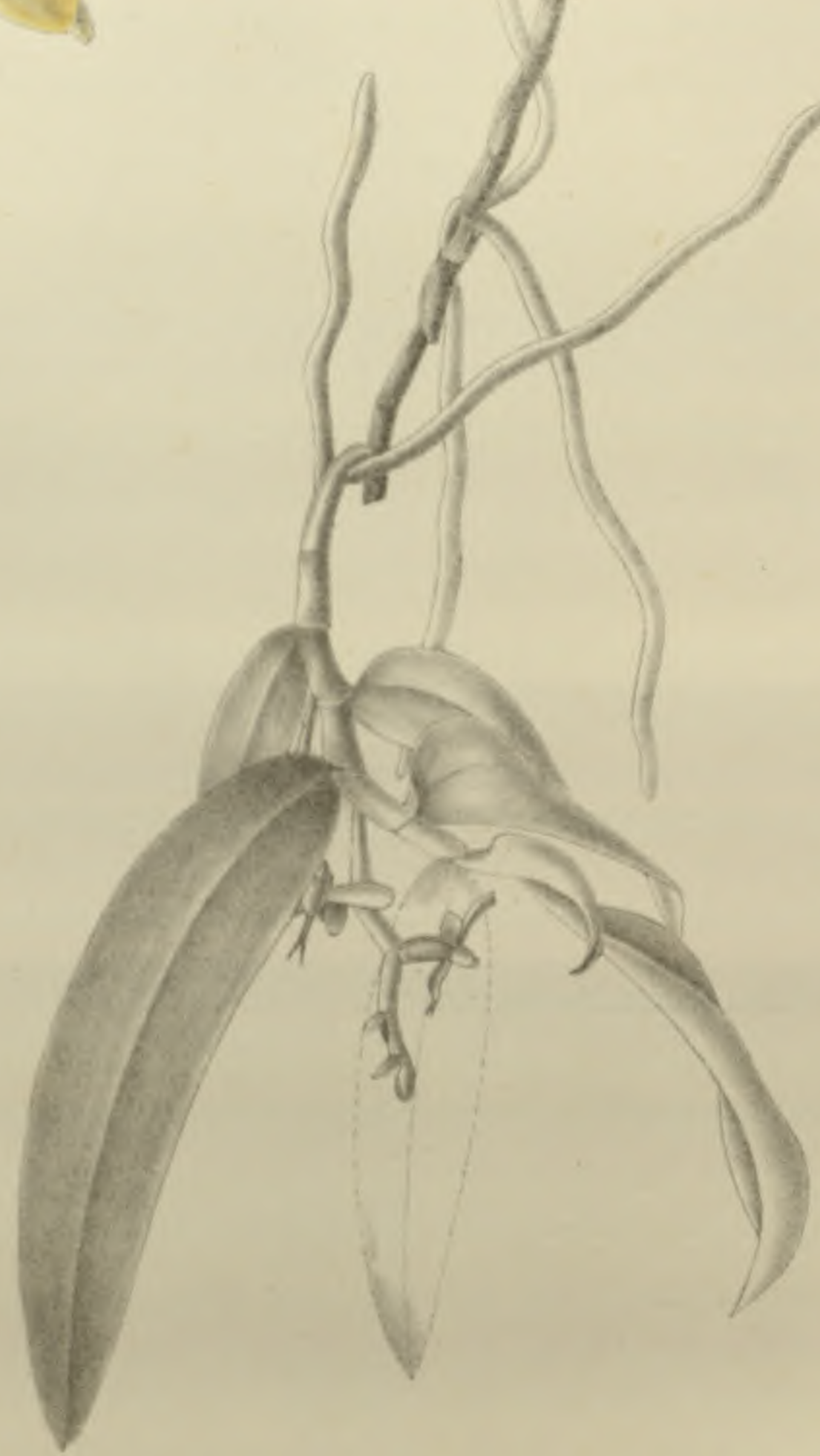
Drawn by R. Pantling.

LUISIA VOLUCRIS, Lindl.

Lith: by New Chitra Silpi Co.



Drawn by R. Pantling.

DIPLOPRORA CHAMPIONI, Hook fil.

Lith by New Chitra Silpi Co

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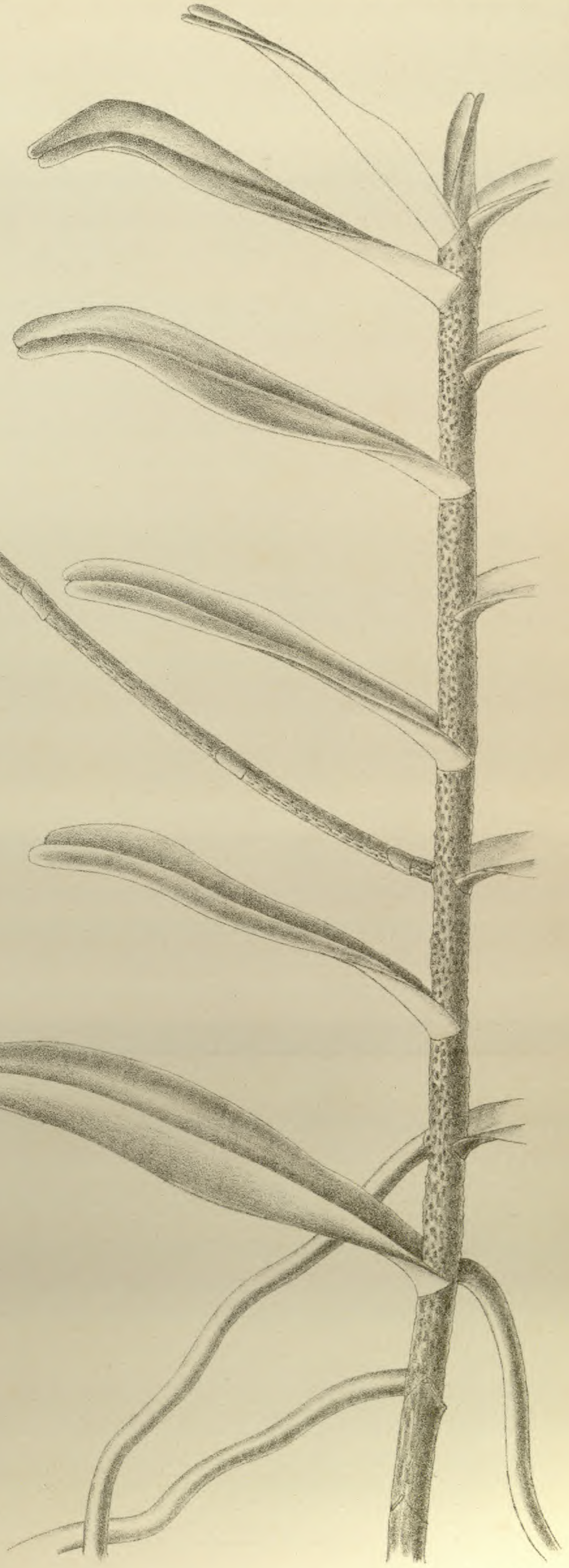

Drawn by R. Pantling.

STAUROPSIS UNDULATUS, Benth.

Lith. by A. C. Mukerjee.

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Drawn by R. Panthing.

Lith. by A. C. Singha.

SARCOCHILUS LUNIFERUS, Reichb. fil.

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Drawn by R. Pantling.

SARCOCHILUS PYGMÆUS, King & Pantling.

Lith. by A. C. Singha.

Ann. Roy. Bot. Gardens, Calcutta, Vol. 9, PLATE 278.

ARACHNANTHE CATHCARTII, Benth.

Drawn by R. Pantling.

Lith. by New Chitra Ship Co.

Drawn by R. Panthng

Lith: by Chitra Silpi Cº

ARACHNANTHE CLARKEI, Rolfe.

ARACHNANTHE BILINGUIS, Benth.

Ann. Roy. Bot. Gard. Calcutta, Vol. 8, PLATE 230.

Drawn by R. Pantling.

ÆRIDES LONGICORNU, Hook.fil.

Lith: by New Chitra Silpi Co.

Drawn by R. Panthing.

ÆRIDES ODORATUM, Lour.

Lith: by K. D. Chandra.

Drawn by R. Fantling.

Lith. by Chitra Sup. Cy.

ÆRIDES MULTIFLORUM, Roxb.

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Drawn by R. Panthing.

RHYNCHOSTYLIS RETUSA, Blume.

Lith. by Chitra Silpi Cº

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Drawn by P. Dasting.

VANDA TERES, Lindl.

Lith. by K. D. Chandra.

R. Panthing del. Lith. by A. C. Mukerjei.

VANDA PARVIFLORA, Lindl.

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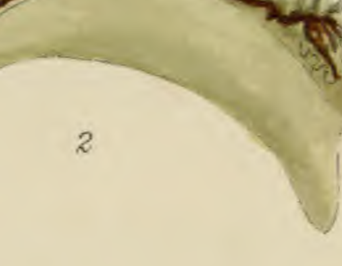

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Drawn by R. Pantling.

VANDA CRISTATA, Lindl.

Lith. by P. N. Sinha.

Drawn by R. Panthng

VANDA PUMILA, Hook. fil.

Lith. by P. N. Sinha.

Drawn by R. Panthng.

VANDA ALPINA, Lindl.

Lith. by P. N. Sinha.

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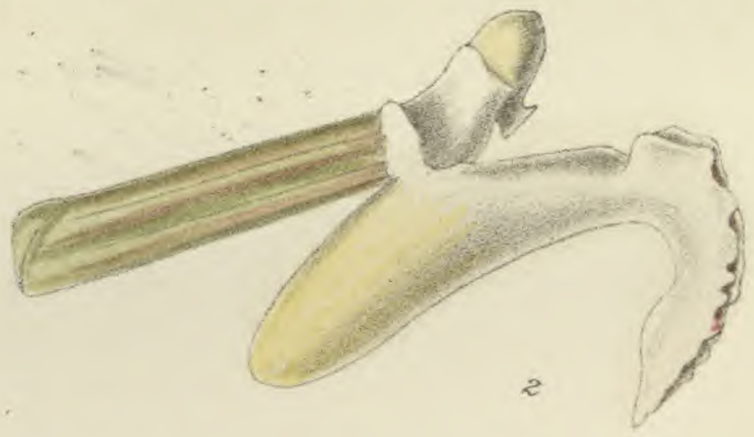

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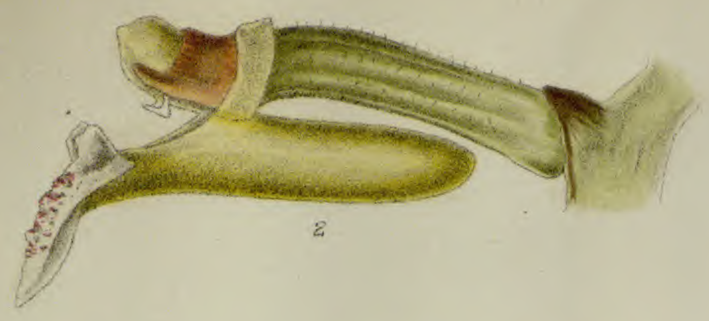
Drawn by R. Panthing.

SACCOLABIUM PAPILLOSUM, Lindl.

Lith: by B. K. Roy.



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Drawn by R. Pantling.

SACCOLABIUM OCHRACEUM, Lindl.

Lith. by A. C. Mukerjei.

Drawn by S. Fanthorpe.

SACCOLABIUM LANCIFOLIUM, Hook. fil.

Lith. by A. V. Mookerjee.

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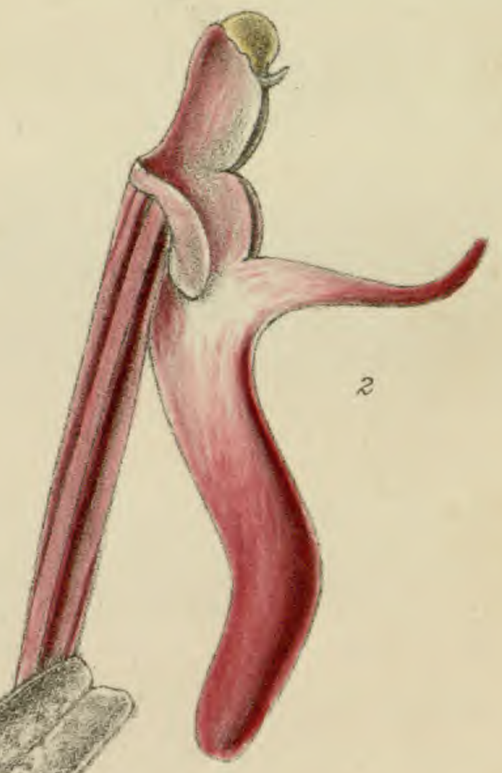

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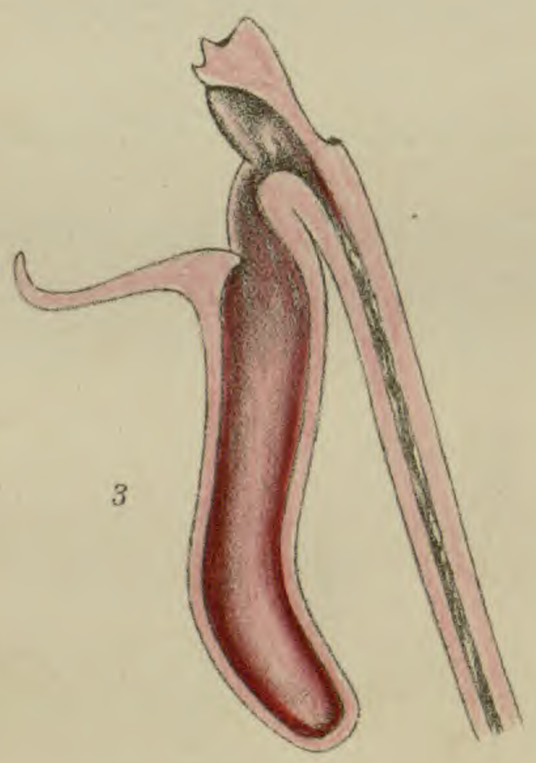

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Drawn by R. Pantling.

SACCOLABIUM AMPULLACEUM, Lindl.

Lith: by A. C. Singha.

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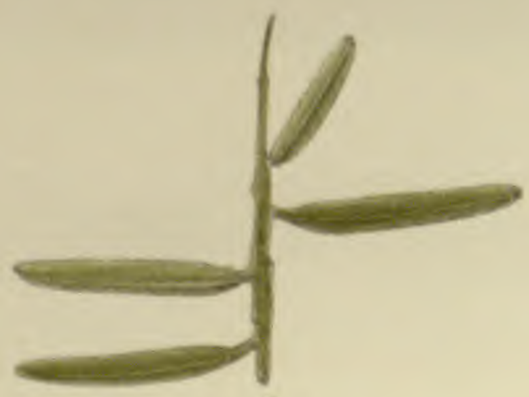

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R.Pantling del.

SACCOLABIUM PUMILIO, Reichb. fil.

Lith. by S.C.Mondul.

Drawn by R. Pantling.

SACCOLABIUM OBTUSIFOLIUM, Hook. fil.

Lith. by A. C. Singha.

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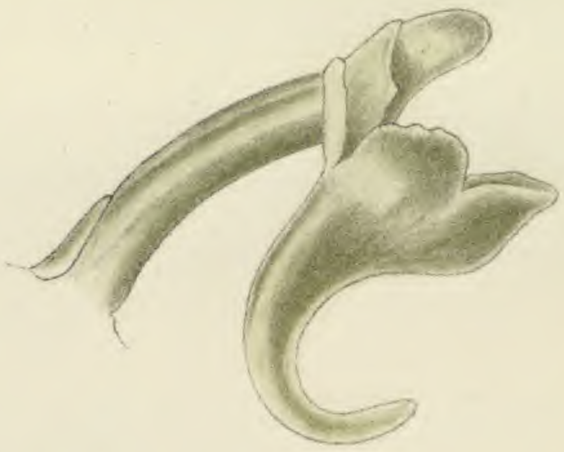

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Drawn by R. Pantling.

SACCOLABIUM ACUMINATUM, Hook. fil.

Lith. by New Chitra Silpi Co.

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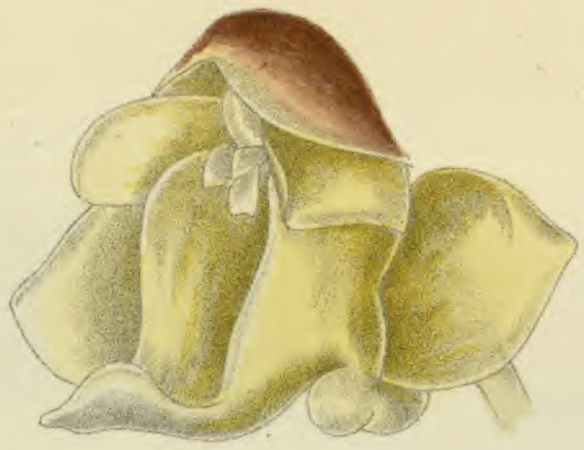
Drawn by R. Pantling.

SACCOLABIUM LANCIFOLIUM, King & Pantling.

Lith. by Claire Gilpi. Co.



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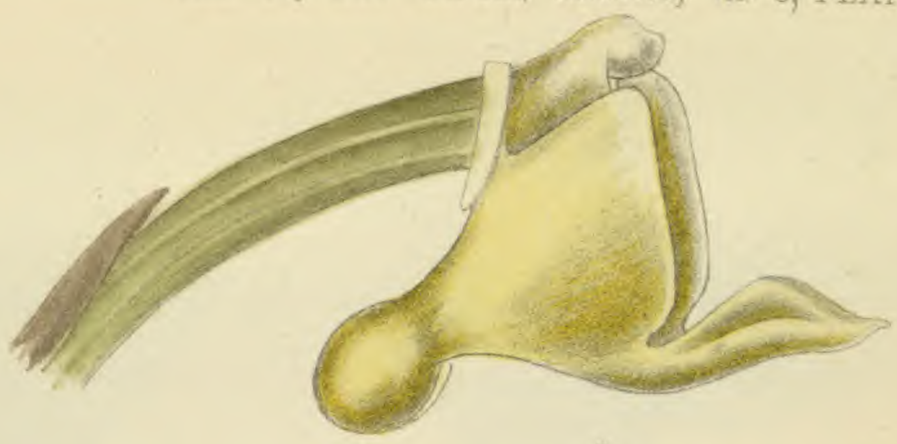

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Drawn by R. Pantling.

SACCOLABIUM BUCCOSUM, Reichb. fil.

Lith. by K. D. Chandra.

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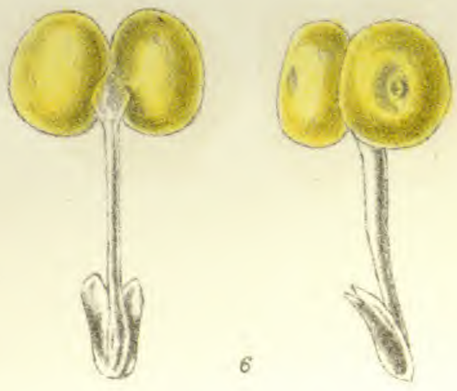

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Drawn by R. Panthing.

Lith. by Chitra Silpi Cº

SACCOLABIUM DASYPOGON, Lindl.

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Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

SACCOLABIUM CALCEOLARE, Lindl.

Drawn by R. Fanthorp.

SACCOLABIUM INTERMEDIUM, Griff.

Drawn by R. Pantling.

Lith. by Chitra Stpl. Co.

SACCOLABIUM ACUTIFOLIUM, Lindl.

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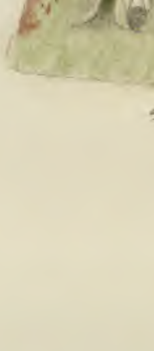

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Drawn by R. Pantling.

SACCOLABIUM DISTICHUM, Lindl.

Lith. by A. C. Singha.

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Drawn by R. Pantling.

SACCOLABIUM AFFINE, King & Pantling.

Lith: by D. N. Chowdhury.

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Drawn by R. Pantling.

SACCOLABIUM PSEUDO-DISTICHUM, King & Pantling.

Lith. by K. N. Chandra

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Drawn by R. Pantling.

SACCOLABIUM TRICHROMUM, Reichb. fil.

Lith. by H. D. Bose

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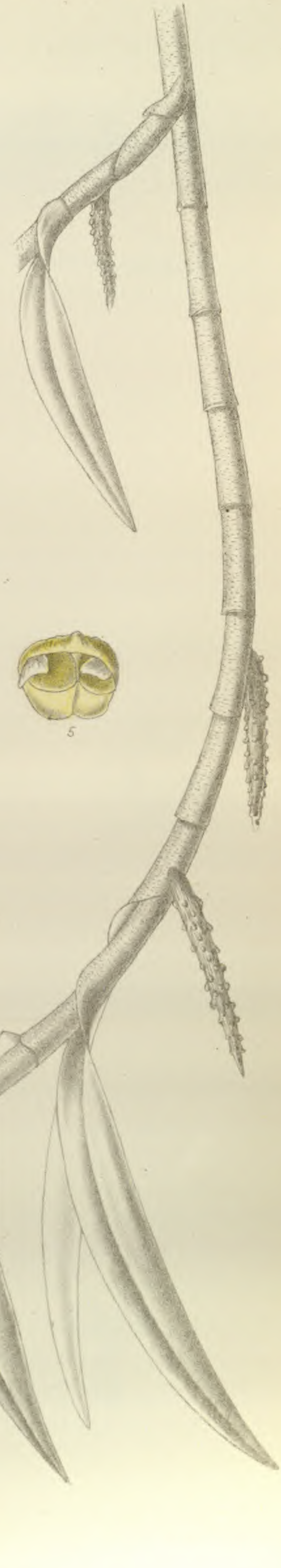

Drawn by R. Panting.

CLEISOSTOMA BREVIPES, Hook.fil.

Lith. by A. C. Mukerjee

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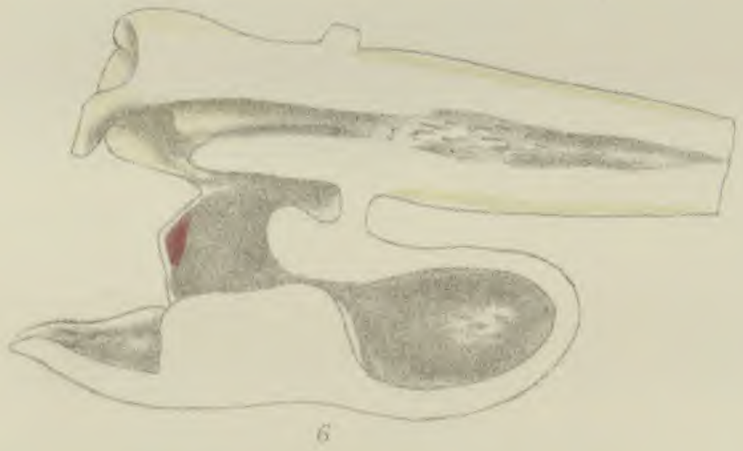

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Drawn by R. Pantling.

CLEISOSTOMA ARMIGERA, King & Pantling.

Lith. by A. C. Mukerjee.

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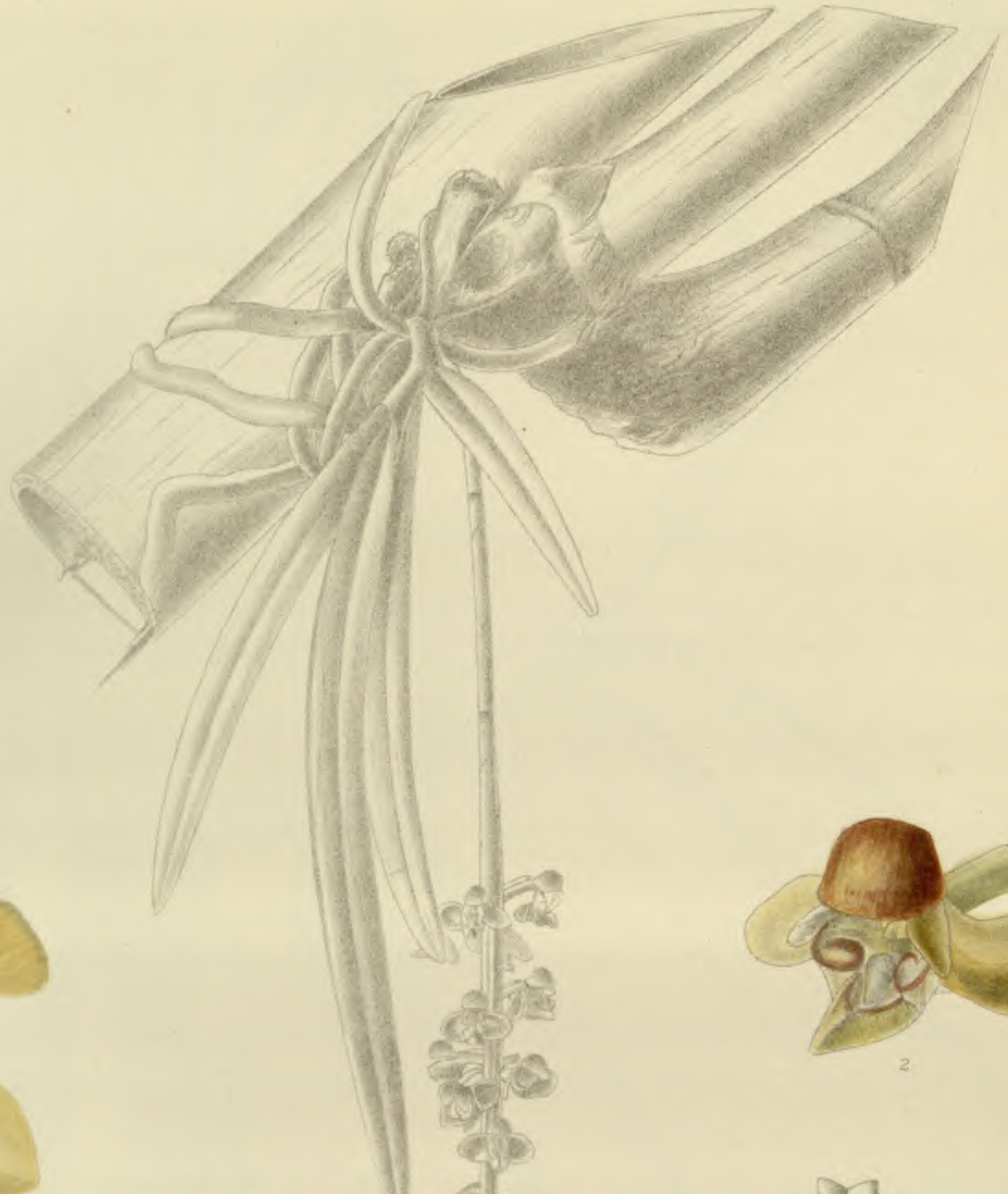
Drawn by R. Pantling.

CLEISOSTOMA WENDLANDORUM, Reichb. fil.

Lith. by K. P. Dass.



Drawn by R. Pantling.

SARCANTHUS BAMBUSARUM, King & Pantling.
= CLEISOSTOMA BAMBUSARUM, K. & P.

Litho by New Chota a. Silpi. Cr.

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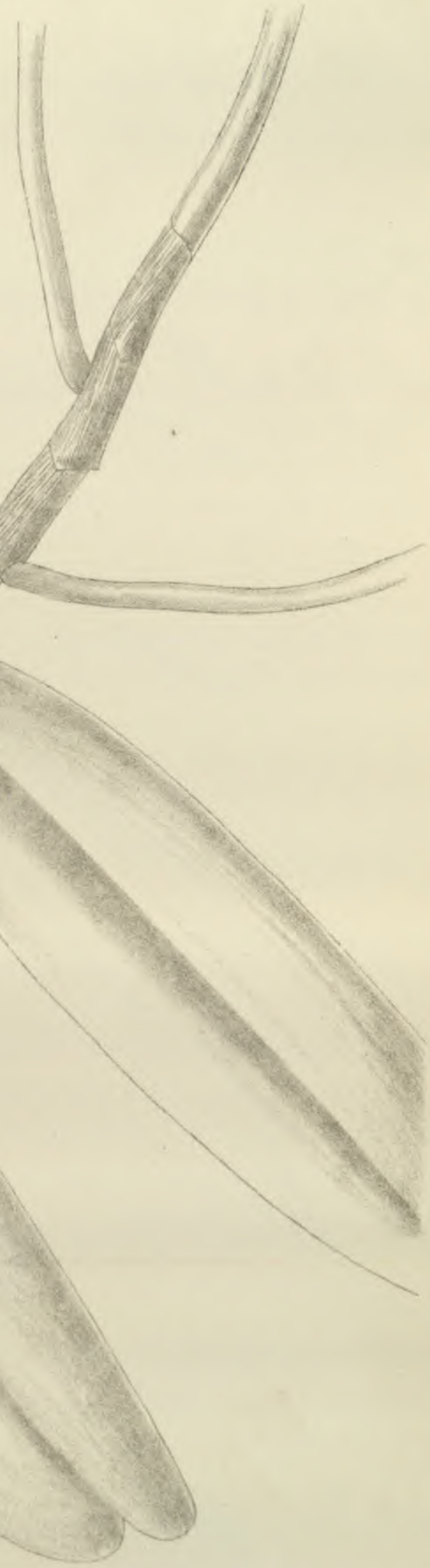

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Drawn by R. Panthing.

CLEISOSTOMA SPICATUM, Lindl.

Lith. by New Chitra Silpi Co.

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Drawn by R. Pantling. Lith. by A. C. Sinclair.

SACCOLABIUM MICRANTHUM, Lindl.
= CLEISOSTOMA MICRANTHUM, K. & P.

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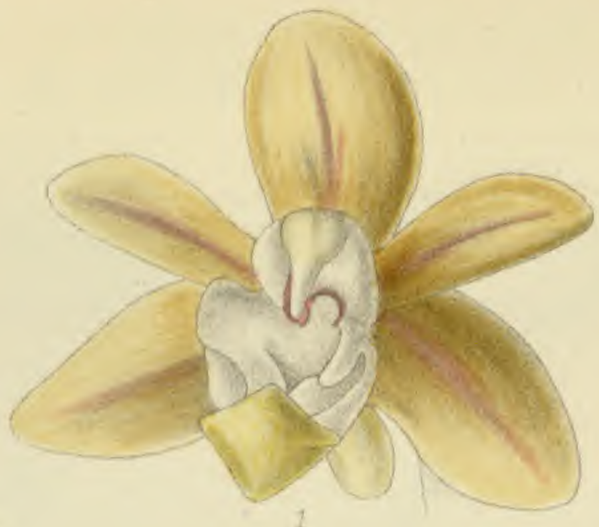
Drawn by R. Panting

Lith. by Chitra Silpi Co.

SACCOLABIUM GEMMATUM, Lindl.

= CLEISOSTOMA GEMMATUM, K. & P.



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Drawn by R. Pantling.

STEREOCHILUS BICUSPIDATUS, King & Pantling.

Lith. by N. C. Mukerjea.

Drawn by R. Pantling.

STEREOCHILUS HIRTUS, Lindl.

Lith. by A. C. Mukerjee

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Drawn by R. Pantling.

CAMAROTIS OBTUSA, Lindl.

Lith. by New Chitra Stpt. Co.

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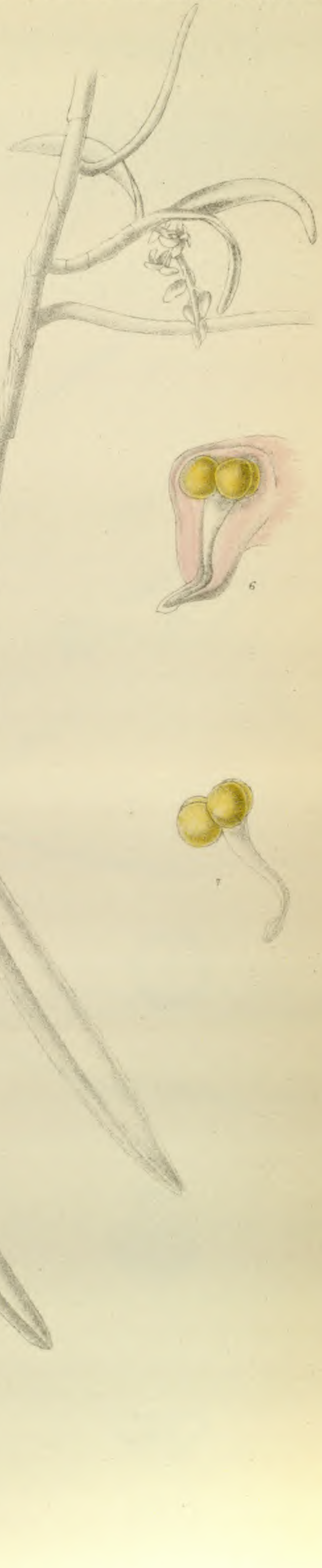

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Drawn by R. Pantling.

CAMAROTIS MANNII, King & Pantling.

Lith. by G. C. Dass.

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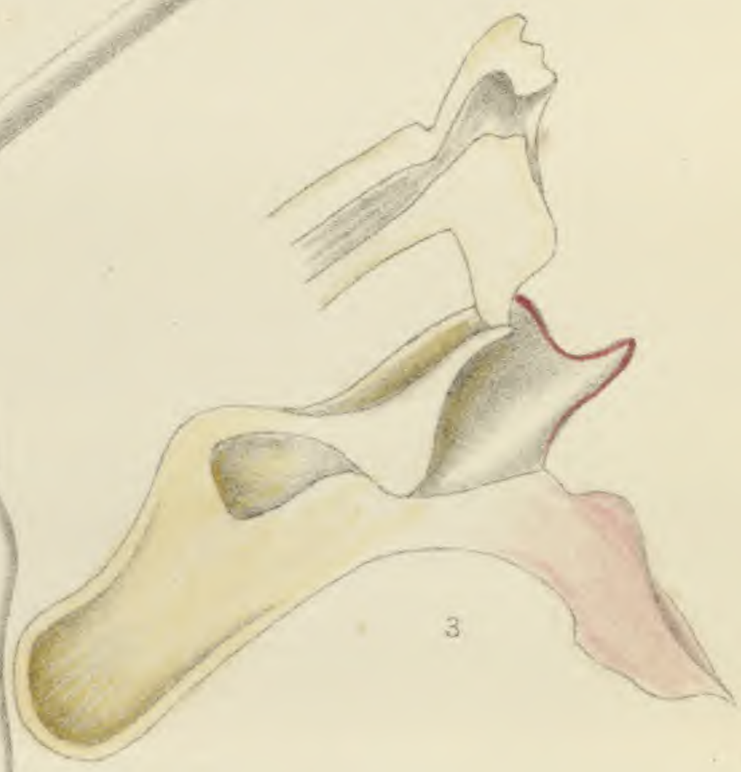

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Drawn by R. Panting.

SARCANTHUS APPENDICULATUS, Hook. fil.

Lith. by A. C. Mukerjei.

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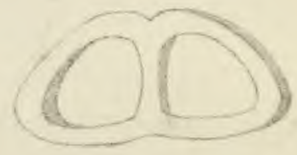

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Drawn by R. Panting.

SARCANTHUS FILIFORMIS, Lindl.

Lith. by Chitra Silpi C°

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 320.

Drawn by R. Panthing.

Lith: by Chitra Silpi Cº

SARCANTHUS PALLIDUS, Lindl.

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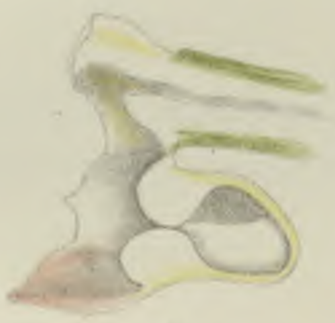

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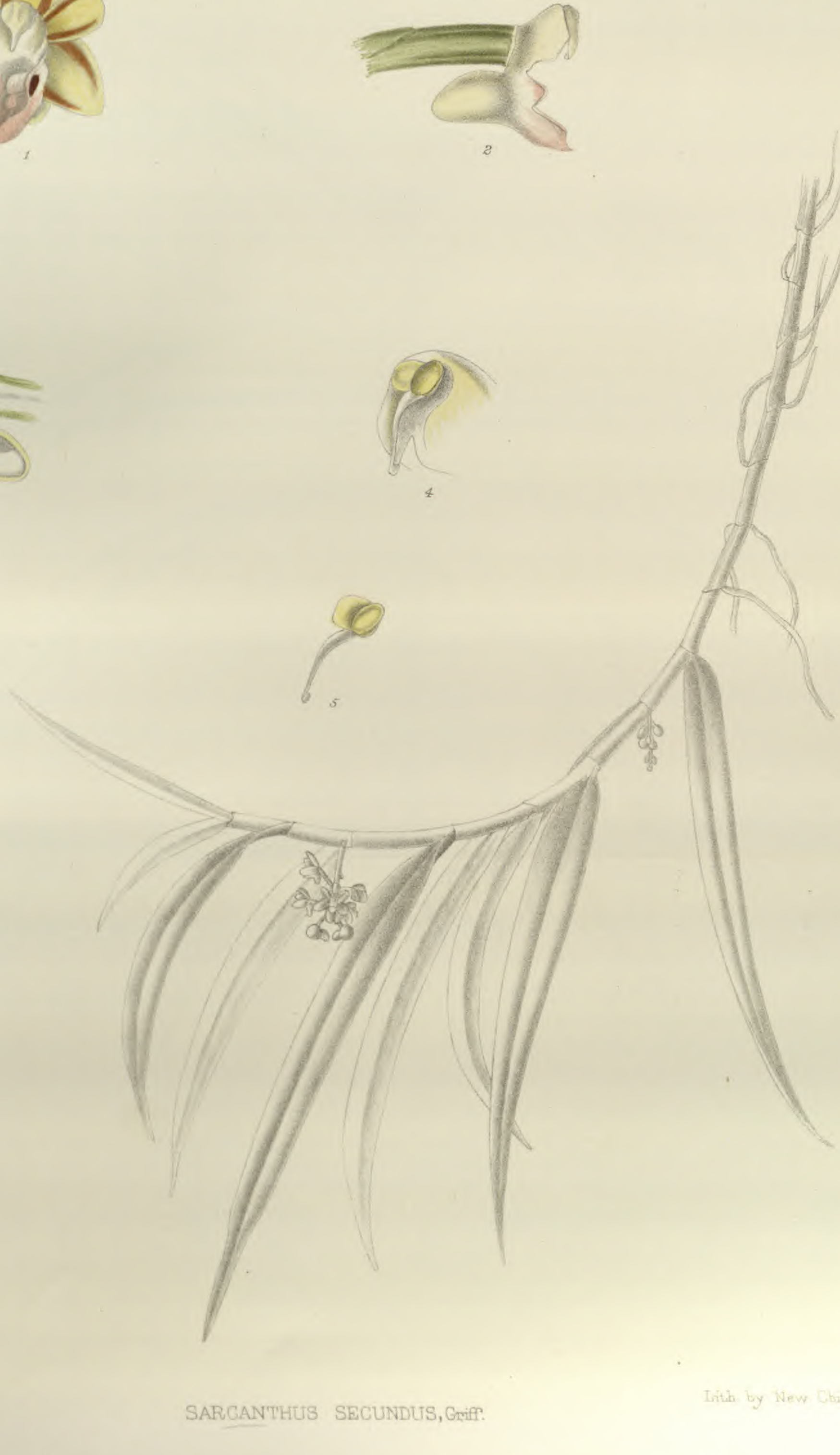
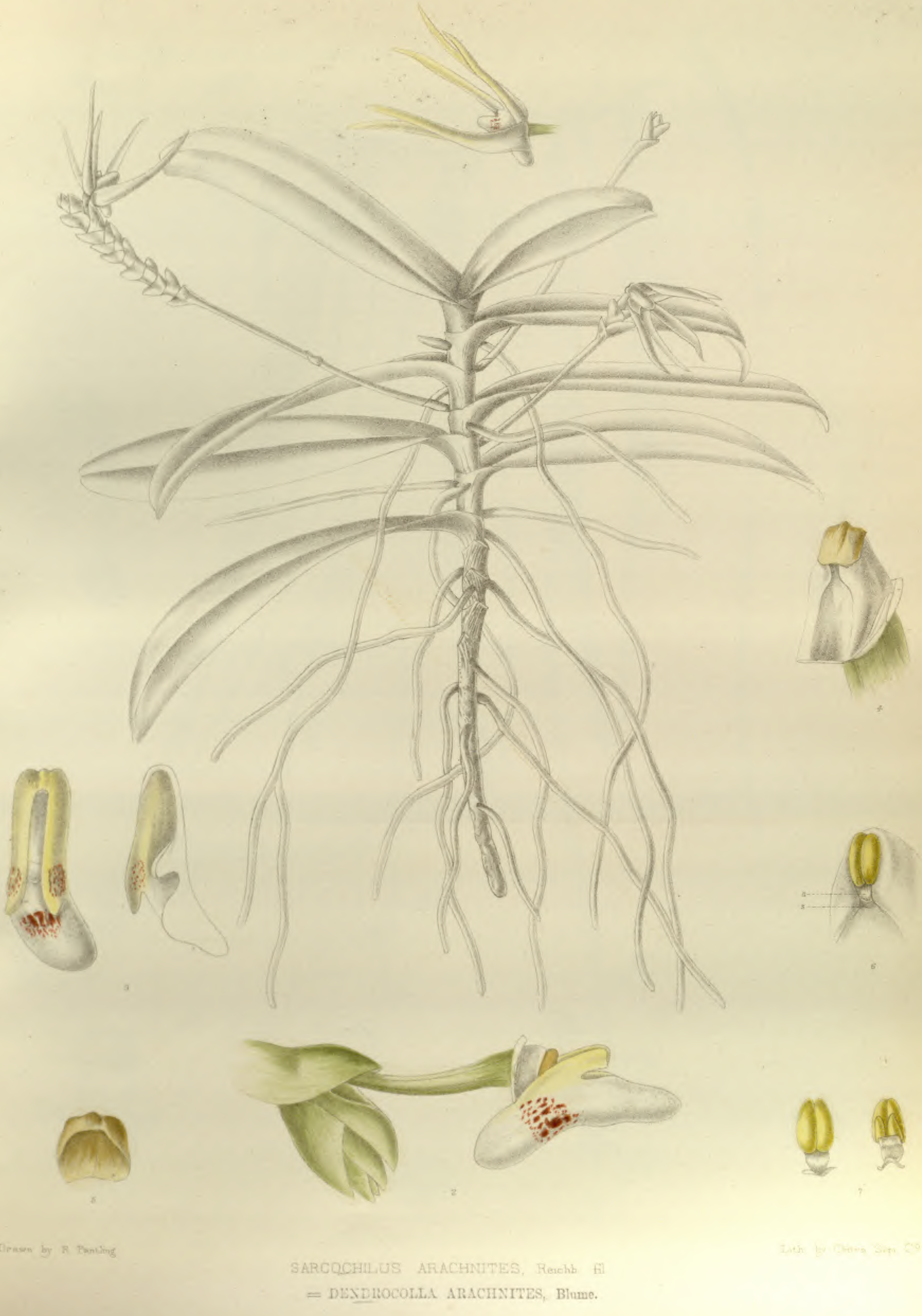


Drawn by R. Pantling.

SARCANTHUS SECUNDUS, Griff.

Lith by New Chitra. Silpi Co.



Drawn by R. Fanthing

Lith. by Dehra Sun Co.

SARCOCHILUS ARACHNITES, Reichb. fil.

= DENDROCOLLA ARACHNITES, Blume.

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Drawn by R Pantling.

Lith by Chitra Ghosh, Cal.

SARCOCHILUS SUAVEOLENS, Hook. fil.

= ORNITHARIUM STRIATULUM, Lindl.

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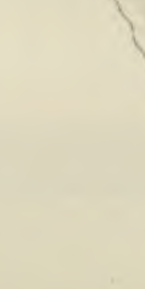

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Drawn. by R. Pantling.

SARCOCHILUS RETRO-SPICULATUS, King & Pantling.
= TAENIOPHYLLUM RETROSPICULATUM.

Lith. by A. C. Mukerjee

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Drawn by R. Pantling. SARCOCHILUS CREPIDIFORMIS, King & Pantling. = TAENIOPHYLLUM CREPIDIFORME, K.&P. Lith. by New Cedra Steam Co.

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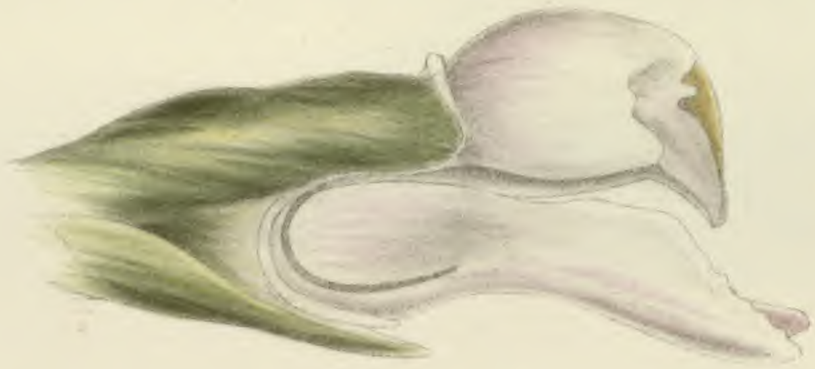

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Drawn by R. Fanthing.

PODOCHILUS CULTRATUS, Lindl.

Lith. by Chitra Salpi Co

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Drawn by R. Pantling.

PODOCHILUS KHASIANUS, Hook.fil.

Lith. by K. D. Chandra.

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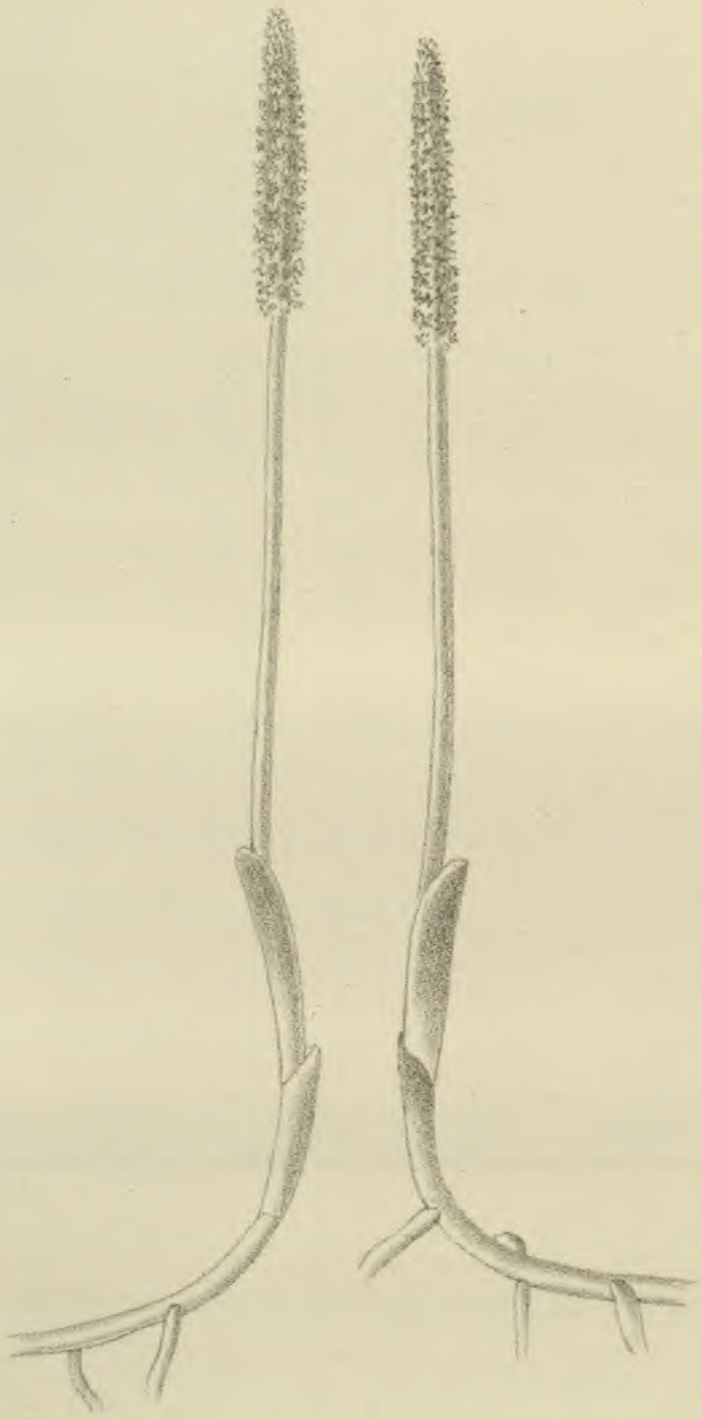

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Drawn by R. Pantling.

RISLEYA ATROPURPUREA, King & Pantling.

Lith: by A. C. Singha.

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Drawn by R. Pantling.

CERATOSTYLIS TERES, Reichb. fil.

Lith: by A. C. Singha.

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Drawn by R. Pantling.

APPENDICULA BIFARIA, Lindl.

Lith. by A. C. Singha.

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Drawn by R. Fantin.

THELASIS PYGMEA, Lindl.

Litho by S. K. Roy.

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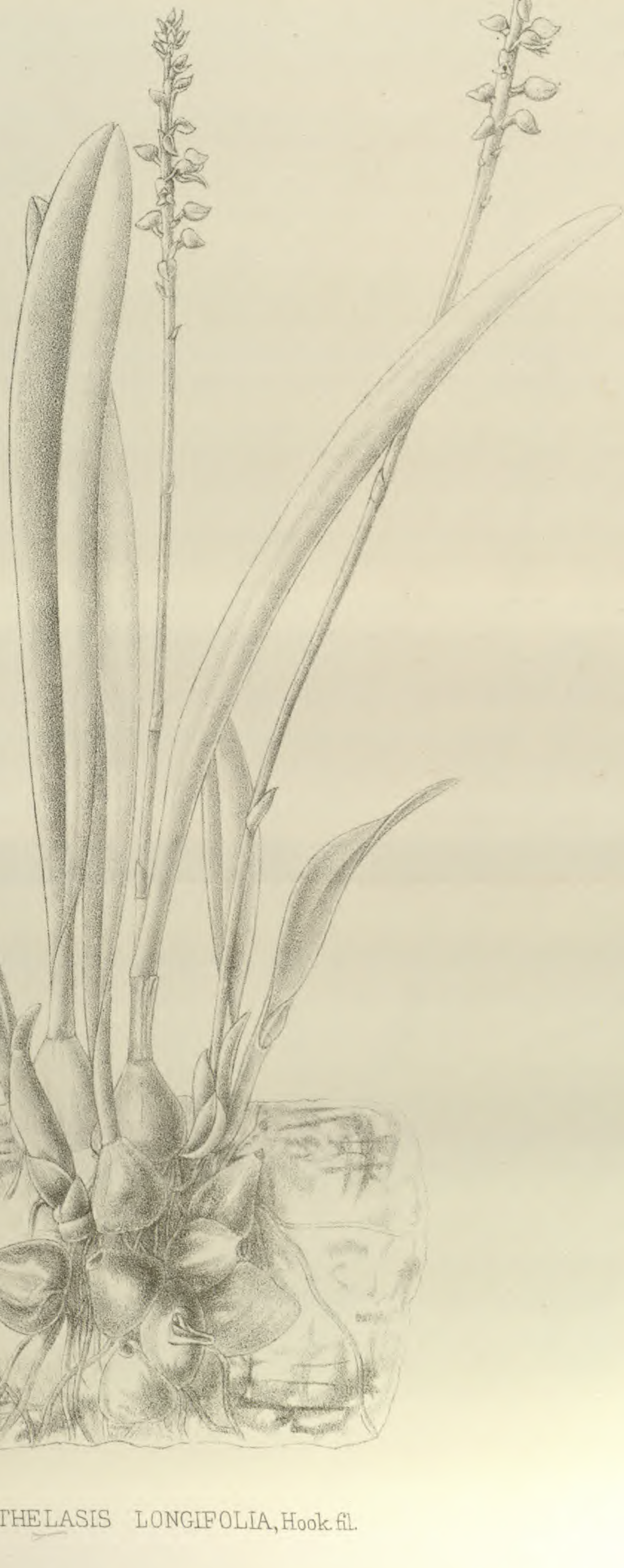

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Drawn by R. Pantling.

THELASIS LONGIFOLIA, Hook. fil.

Lith. by A. C. Singha.

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Drawn by R. Fantling

Lith. by Chitra Silpi C°

PHREATIA ELEGANS, Lindl.

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Drawn by R. Pantling.

EPIPOGUM APHYLLUM, Swartz.

Lith. by A.C. Chowdhary.

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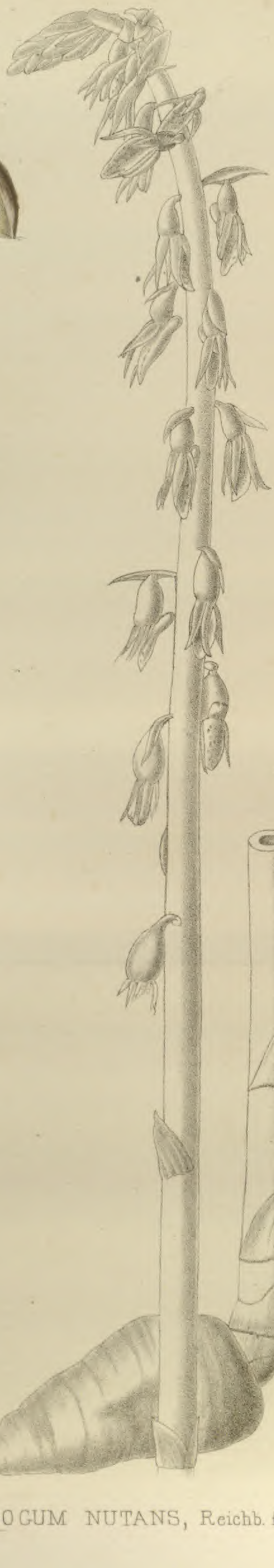

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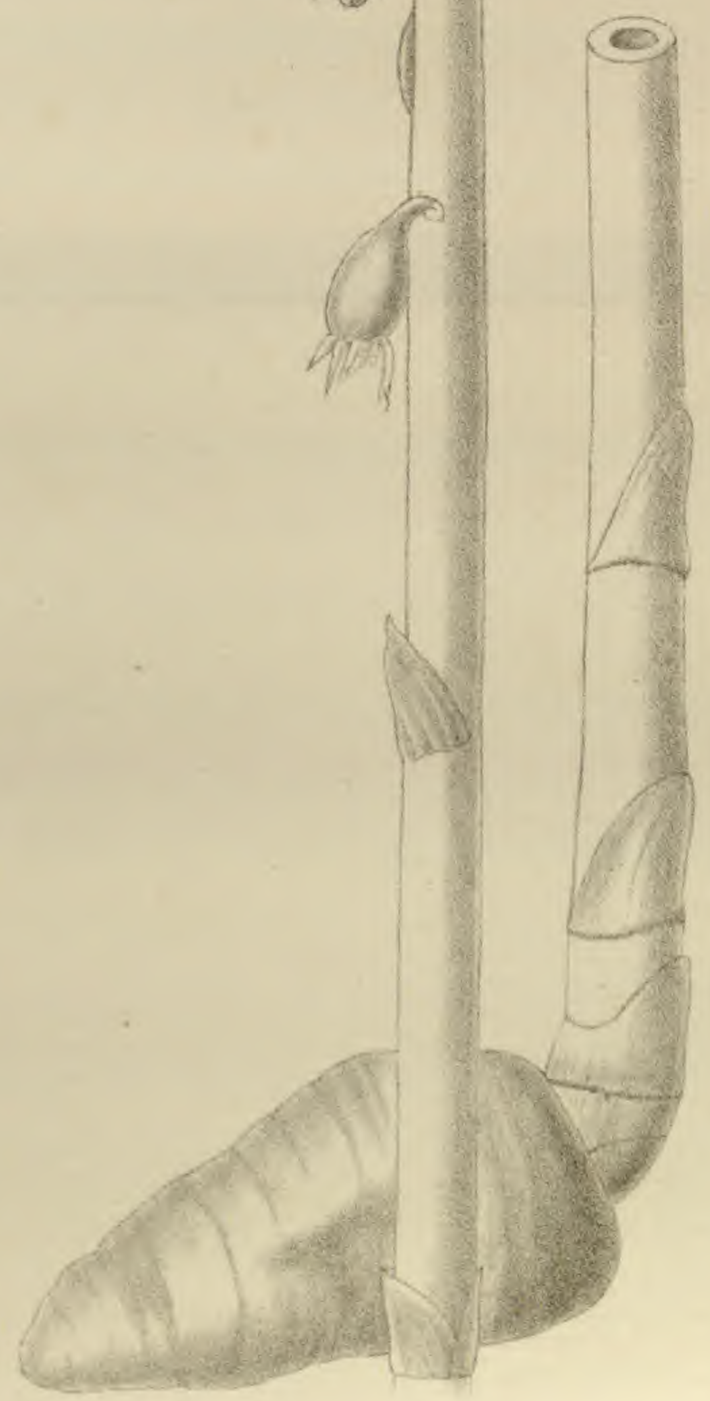

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Drawn by R. Pantling.

EPIPOGUM NUTANS, Reichb. fil.

Lith: by B. K. Roy

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Drawn by R. Panthing

LISTERA MICRANTHA, Lindl.

Lith by K. B. Chandra

Drawn by R. Pantling.

LISTERA TENUIS, Lindl.

Lith: by A. C. Singha.

Drawn by B. Fuchling.

LISTERA PINETORUM, Lindl.

Litho by E. K. Roy.

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Drawn by S. Pantling.

LISTERA LONGICAULIS, King & Pantling.

Lith. by A. C. Singha.

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Drawn by R. Panthing.

Lith. by Chitra Silpi C°

LISTERA BREVICAULIS, King & Panthing

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Drawn by R. Hastings.

LISTERA ALTERNIFOLIA, King & Pantling.

Lith. by New Chitra Silp. Co.

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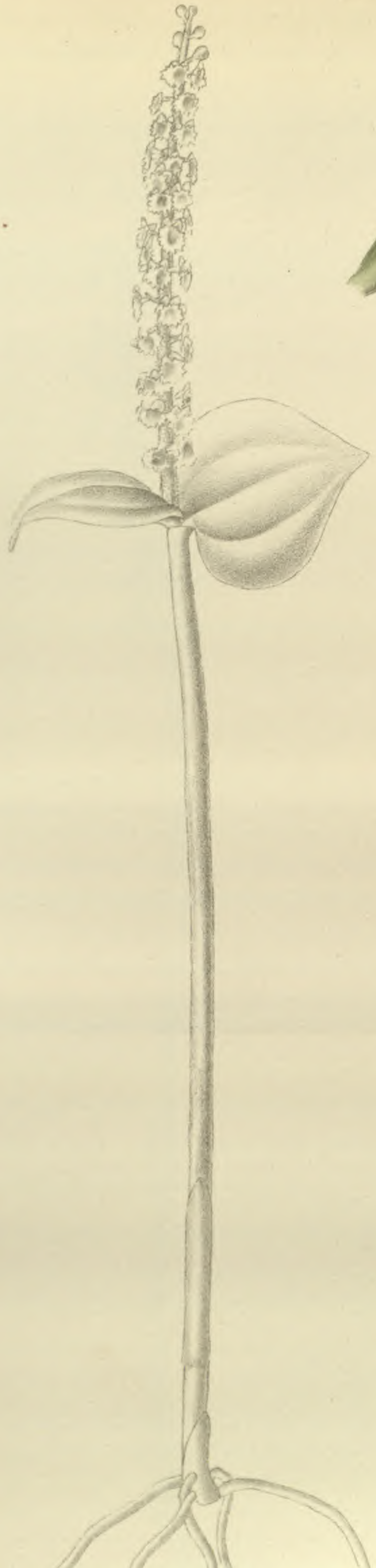

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Drawn by R. Pantling.

LISTERA DENTATA, King & Pantling.

Lith. by G. C. Dass.

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Drawn by R. Panthing.

LISTERA LINDLEYANA, King & Pantling.

Lith: by A. D. Molla.

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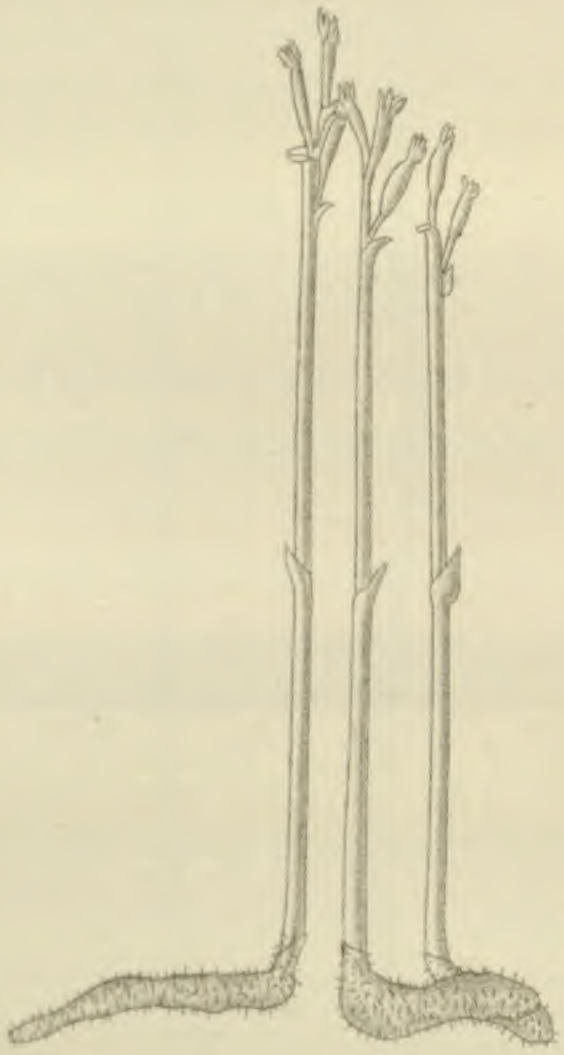

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Drawn by E. Pantling.

PANTLINGIA PARADOXA, Prain.

Lith. by A. L. Singh.

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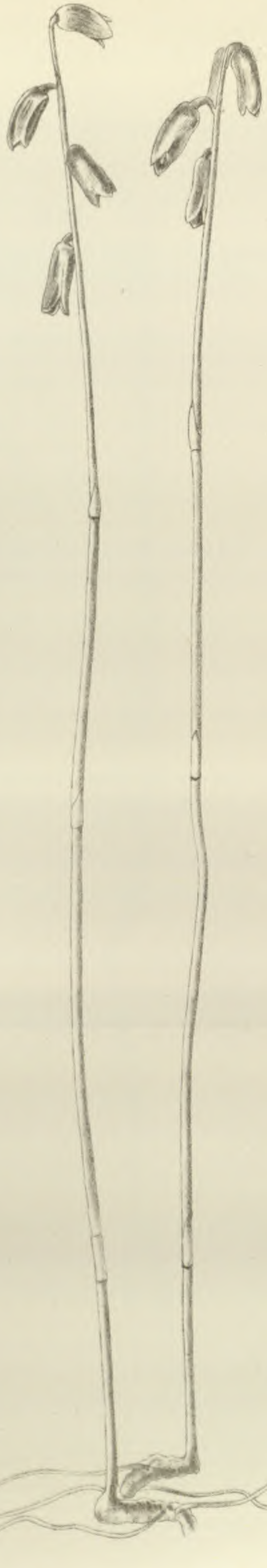

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Drawn by R. Pantling.

Lith. by Chitra Sripa Co.

GASTRODIA DYERIANA, King & Pantling.

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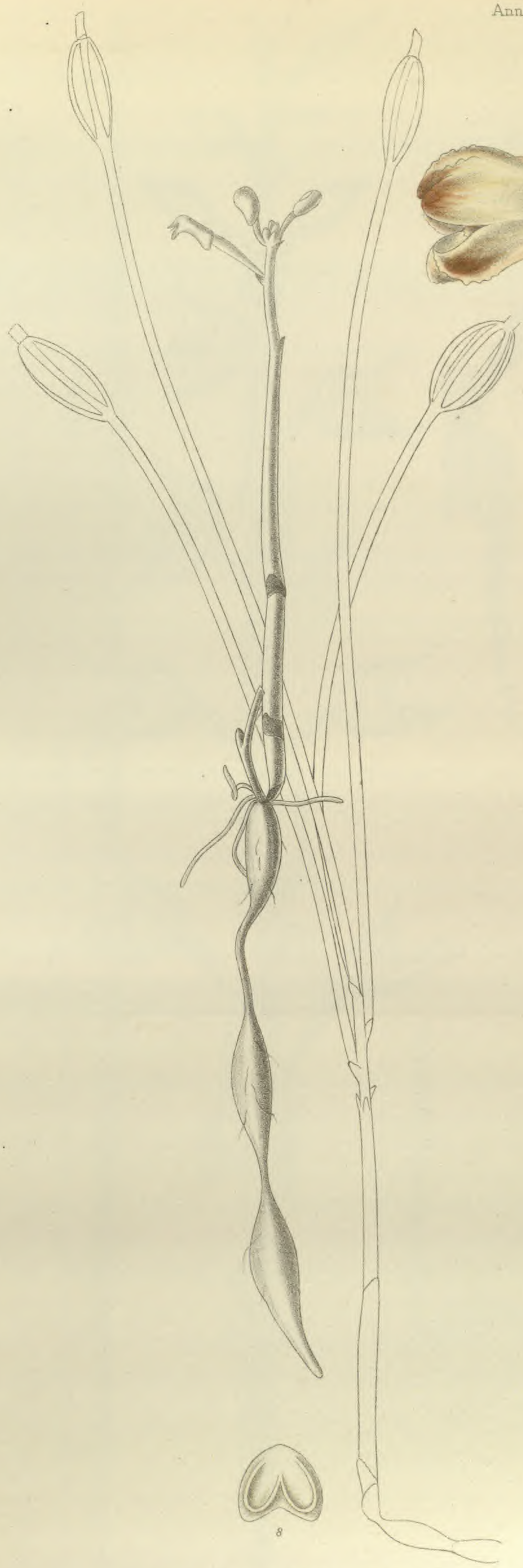

Drawn by R. Pantling.

DIDYMOPLEXIS PALLENS, Griff.

Lith. by B. K. Roy.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 347.

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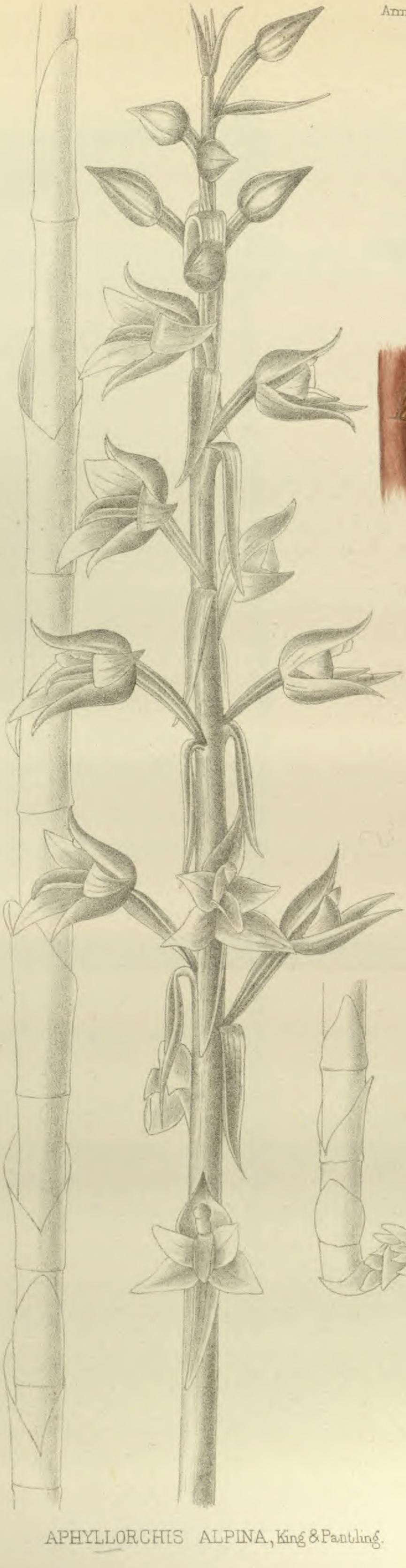

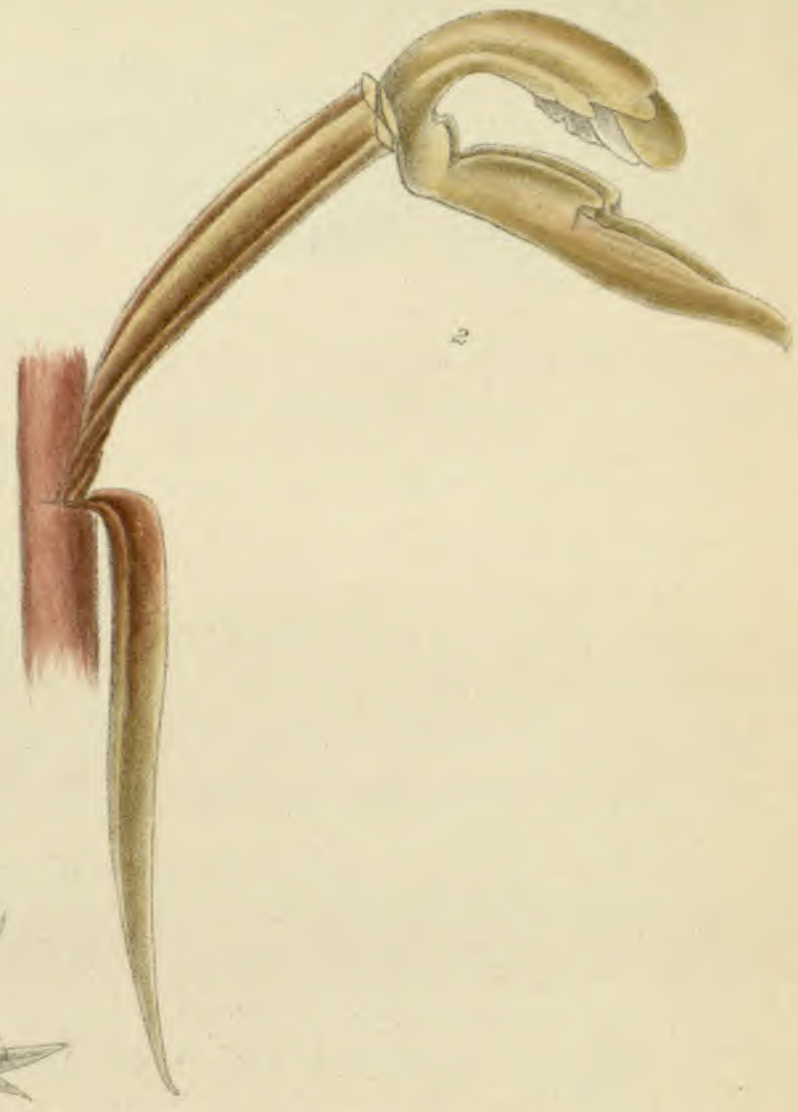

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Drawn by R. Pantling.

APHYLLORCHIS ALPINA, King & Pantling.

Lith: by K. D. Chandra.

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Drawn by N. Panthng

Lith. by Chara Satpi. Co.

APHYLLORCHIS PARVIFLORA, King & Panthng

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Drawn by R. Pantling.

APHYLLORCHIS MONTANA, Reichb. fil.

Lith. by New Chitra Silpi Co.

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Drawn by R. Pantling.

GALEOLA HYDRA, Reichb. fil.

Lith: by Chitra Silpi Cº

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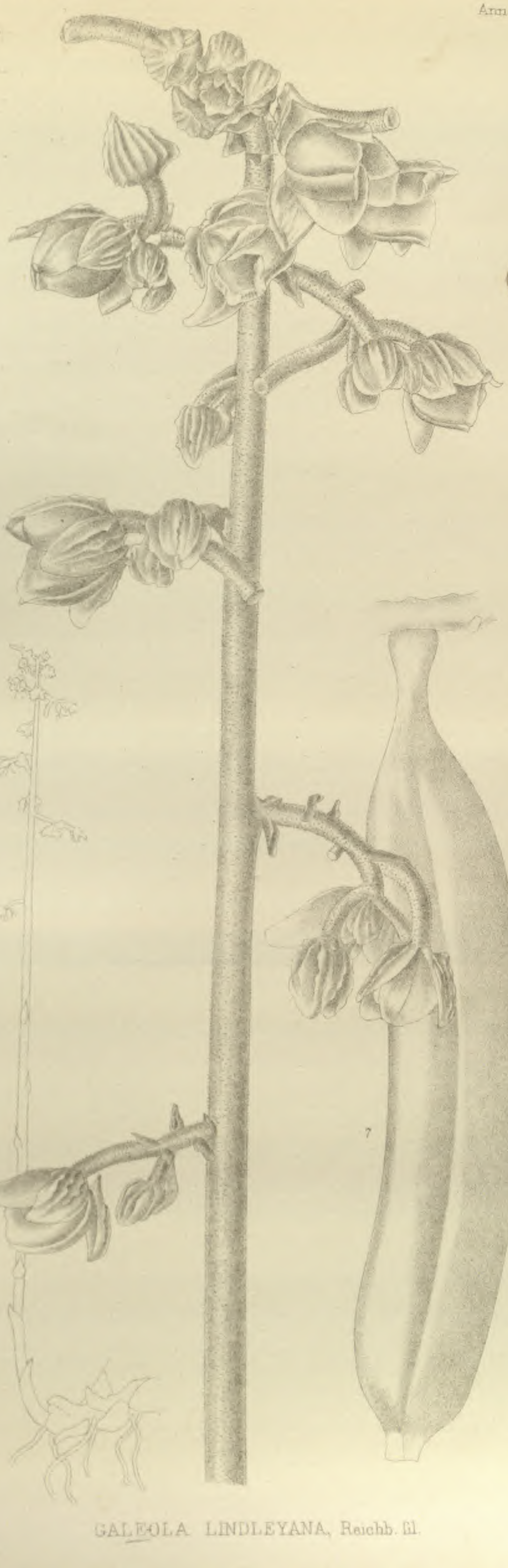

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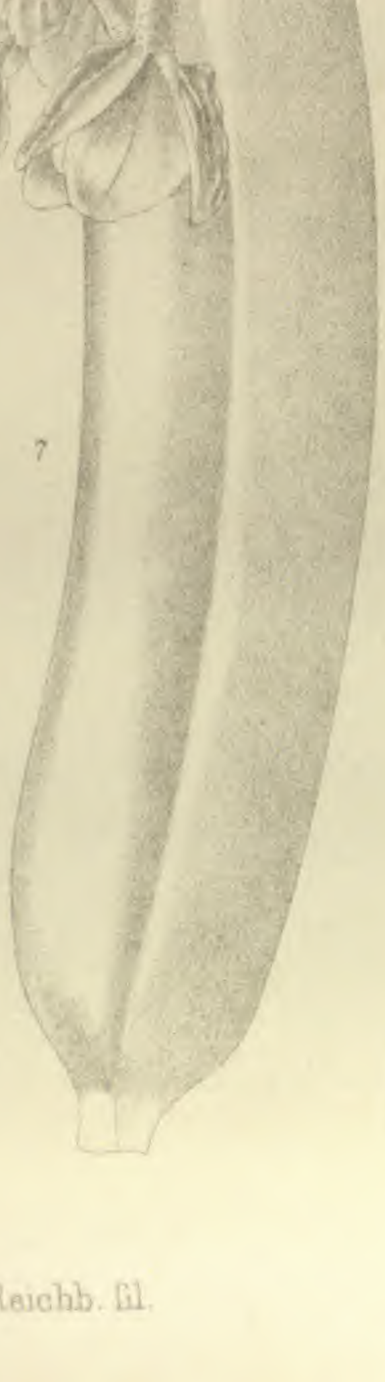

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Drawn by R. Pantling

GALEOLA LINDLEYANA, Reichb. fil.

Lith. by A. C. Mukerjee.

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Drawn by R. Pantling.

GALEOLA FALCONERI, Hook. fil.

Lith. by A. C. Mukerjee

Drawn by R. Pantling.

CORYMBIS VERATRIFOLIA, Reichb. fil.

Lith. by A. C. Mukerjee.

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Drawn by R. Pantling

POGONIA PRAINIANA, King & Pantling.

Lith: by K. P. Dass.

Drawn by R. Pantling

Lith: by Chitra Silpi C°

POGONIA MACROGLOSSA, Hook. fil.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 357.

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Drawn by R. Pantling.

POGONIA FALCATA, King & Pantling.

Lith. by A. D. Molla.

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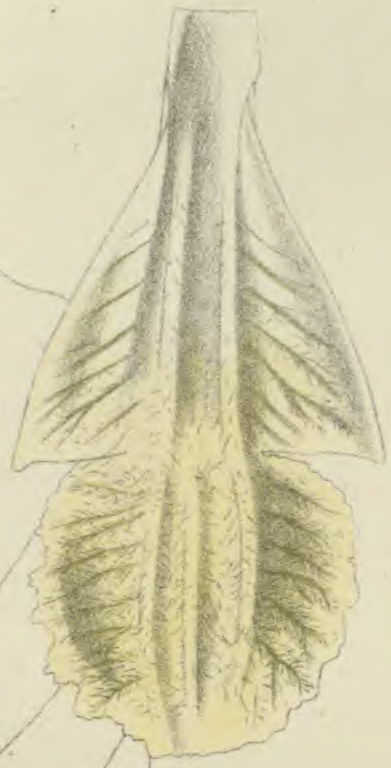
Drawn by R. Pantling.

POGONIA PLICATA, Lindl.

Lith: by New Chitra Silpi Cº.



Drawn by R. Pantling.

POGONIA GAMMIEANA, Hook.fil.

Lith. by K. D. Chandra.

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Drawn by R. Pantling.

Lith. by B. K. Roy.

POGONIA SCOTTII, Reichb. fil.

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Drawn by R. Panthag

CORYSANTHES HIMALAICA, King & Panthag

Lith. by Chitra Silpi C.P.

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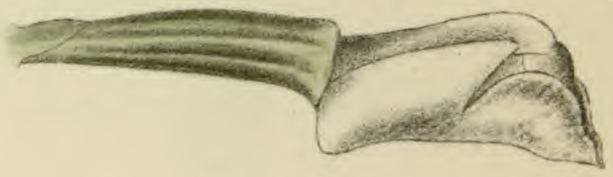

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Drawn by R. Pantling.

CEPHALANTHERA ENSIFOLIA, Rich.

Lith. by A. D. Molla.

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Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

EPIPACTIS CONSIMILIS, Wall.

Drawn by R. Pantling.

TROPIDIA ANGULOSA, Blume.

Lith. by K. D. Chandra.

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Drawn by R. Pantling.

TROPIDIA CURCULIGOIDES, Lindl.

Lith. by A. C. Singha.

Drawn by R. Pantling.

HERPYSMA LONGICAULIS, Lindl.

Lith. by A. C. Singha.

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Drawn by R. Pantling.

EPIPACTIS LATIFOLIA, All.

Lith. by A. C. Singha.

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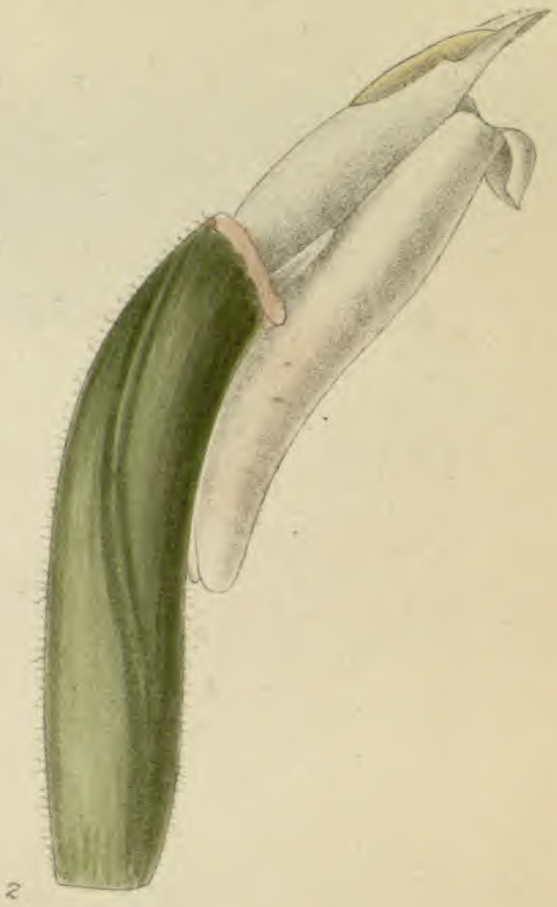

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Drawn by R. Pantling.

PHYSURUS HERPYSMOIDES, King & Pantling.

Lith: by New Chitra Silpi Co.

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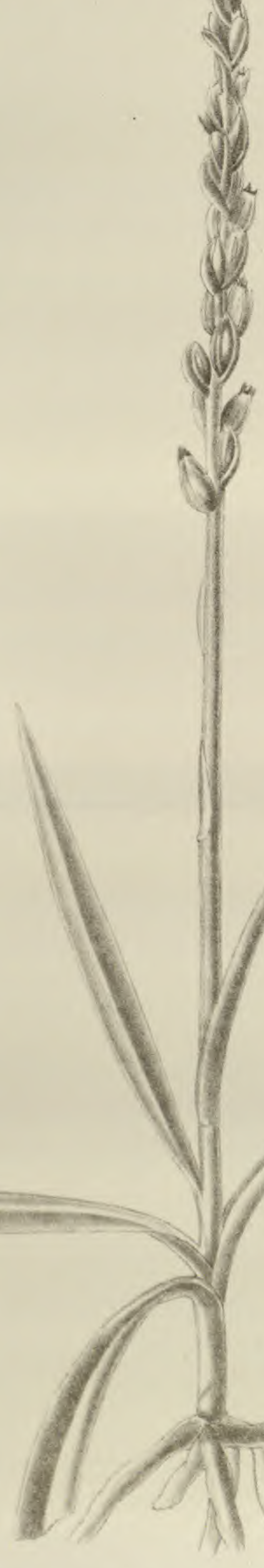

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Drawn by R. Panting.

SPIRANTHES AUSTRALIS, Lindl.

Lith. by B. K. Roy.

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Drawn by R. Pantling.

GOODYERA REPENS, Brown.

Lith: by S. C. Mondul.

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Drawn by R. Pantling.

GOODYERA FUSCA, Lindl.

Lith by K. D. Chandra.

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Drawn by R. Fantling.

GOODYERA VITTATA, Benth.

Lith. by A. C. Singha.

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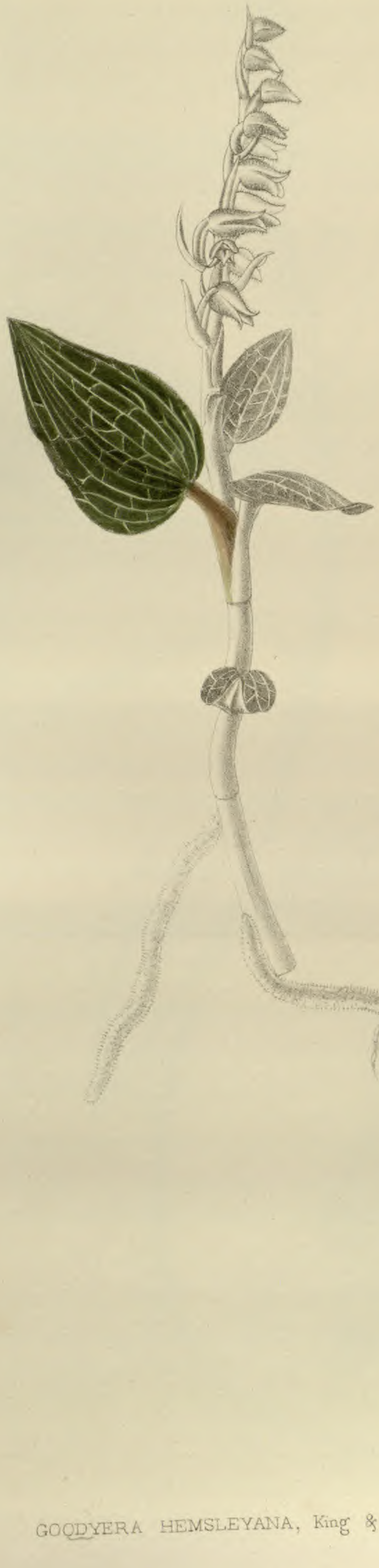

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Drawn by R. Pantling.

GOODYERA HEMSLEYANA, King & Pantling.

Lith by Chitra Silpi Cº

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Drawn by R. Pantling.

GOODYERA FOLIOSA, Benth.

Lith: by K.D. Chandra.

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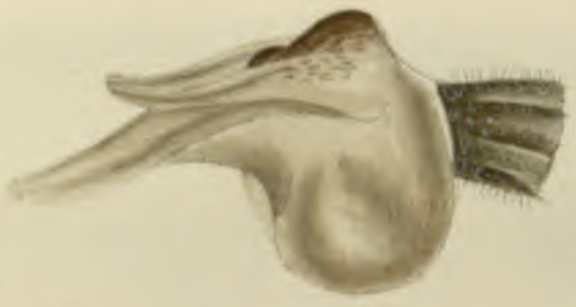

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Drawn by R. Pantling.

GOODYERA HISPIDA, Lindl.

Lith. by A. C. Mukerjei.

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Drawn by R. Pantling.

Lith. by A. C. Singha.

GOODYERA SECUNDIFLORA, Griff.

Drawn by R. Panthing.

GOODYERA FUMATA, Thwaites.

Lith. by Chitra Silpi Cº

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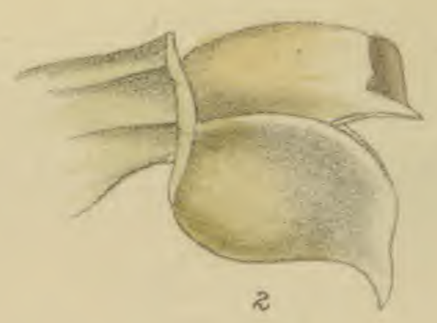

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Drawn by R. Pantling.

GOODYERA PROCERA, Hook.

Lith by K. D. Chandra.

Drawn by R. Pantling.

GOODYERA GRANDIS, King & Pantling.

Lith. by K. P. Dass.

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Drawn by R. Pantling.

ZEUXINE PULCHRA, King & Pantling.

Lith by New Chitra Silpi Co.

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Drawn by R. Pantling.

ZEUXINE SULCATA, Lindl.

Lith. by A. C. Mukerjei.

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R. Pending del.

ZEUXINE GOODYEROIDES, Lindl.

A. C. Chowdhary lith.

Drawn by R. Panthig.

ZEUXINE ABBREVIATA, Hook.fil.

Lith: by D. N. Chowdhury.

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Drawn by R. Panthng.

Lith: by Chitra Silpi C?

ZEUXINE GLANDULOSA, King & Panthng.

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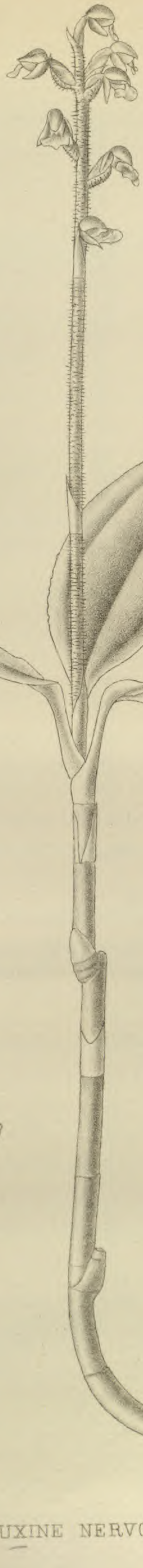

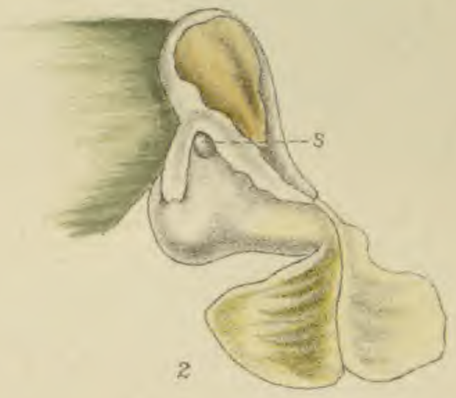

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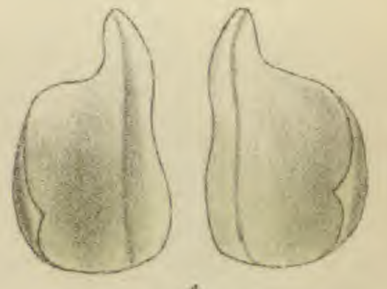

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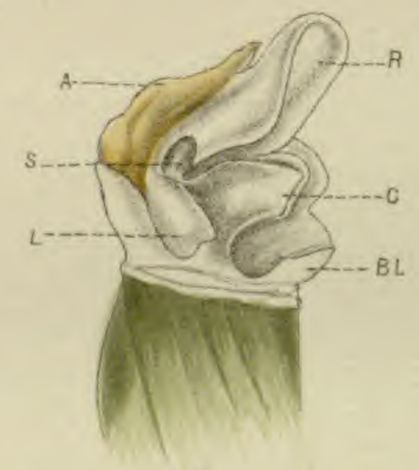

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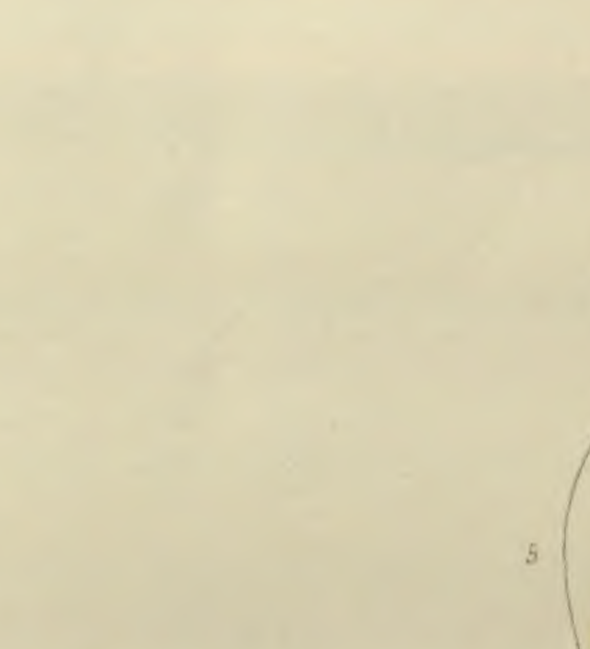

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Drawn by R. Puntling.

ZEUXINE NERVOSA, Benth.

Lith. by A.C. Mukerjei.

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R. Fantling del.

ZEUXINE FLAVA. Benth.

S. C. Mondal lith.

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Drawn by R. Pantling.

ZEUXINE AFFINIS, Benth.

Lith. by D. N. Chowdhury.

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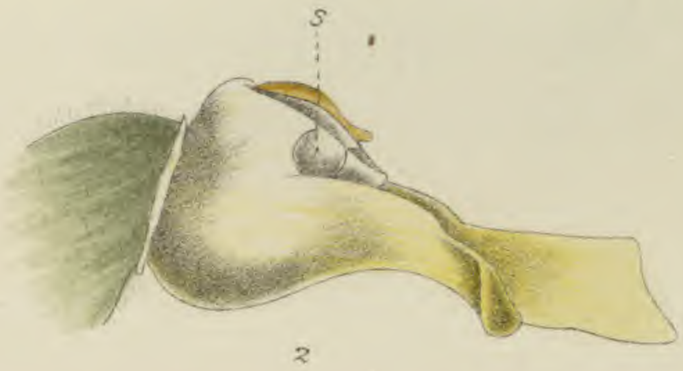

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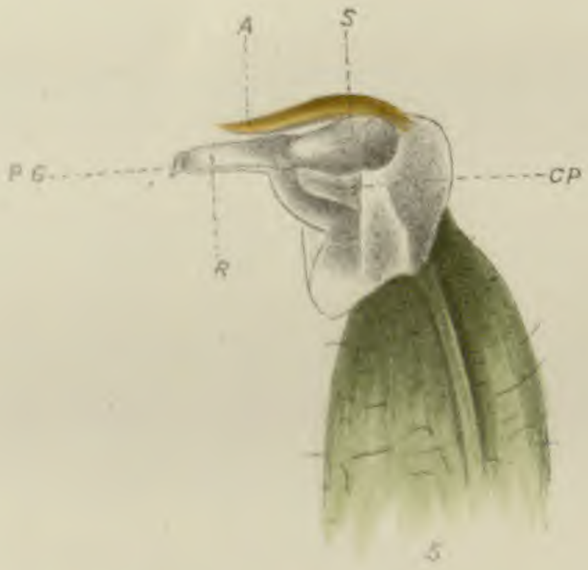

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Drawn by R. Pantling.

ZEUXINE REFLEXA, King & Pantling.

Lith: by B. K. Roy.

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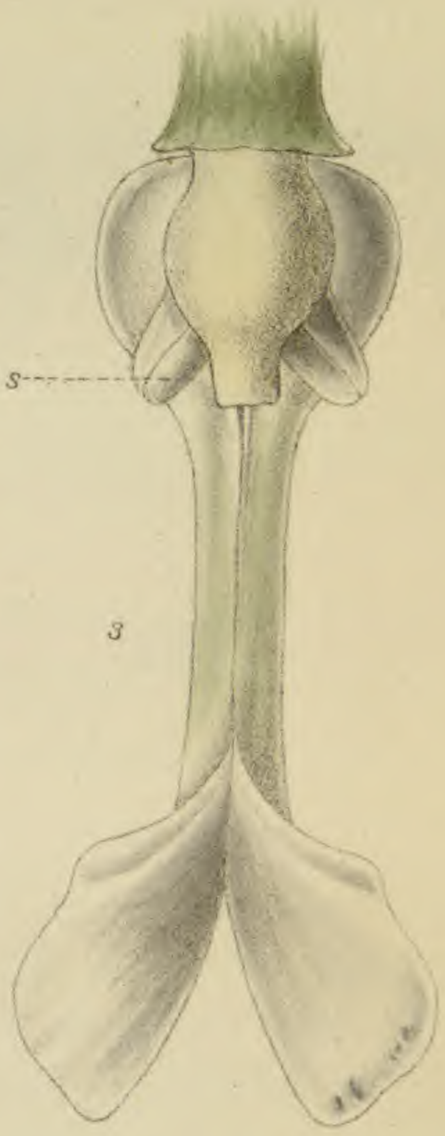

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Drawn by E. Pantling.

Lith: by A. D. Molla.

ODONTOCHILUS PUMILUS, Hook.fil.

= ZEUXINE PUMILA, K.&P.

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Drawn by R. Pantling.

ANŒCTOCHILUS ROXBURGHII, Lindl.

Lith: by Chitra Silpi Cº

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Drawn by R. Pantling.

ANŒCTOCHILUS SIKKIMENSIS, King & Pantling.

Lith. by A. C. Mukerjei.

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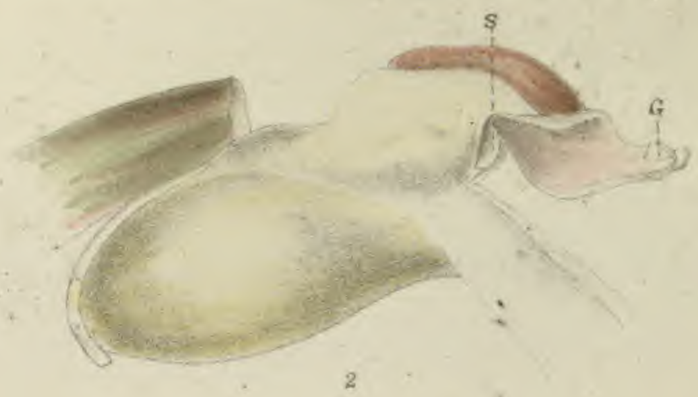

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Drawn by R. Panthug.

ODONTOCHILUS GRANDIFLORUS, Benth.

= ANOECTOCHILUS GRANDIFLORUS, Lindl.

Lith. by Chitra Silpi Cº

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Drawn by R. Panthng.

Lith: by Chitra Silpi Cº

ODONTOCHILUS ELWESII, Clarke.
= ANOECTOCHILUS ELWESII, K. & P.

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Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

ODONTOCHILUS CRISPUS, Hook. fil.

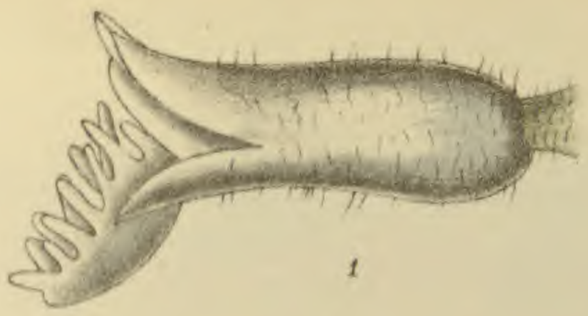
= ANOECTOCHILUS CRISPUS, Lindl.

Drawn by R. Pantling.

Lith: by A. D. Molla.

ODONTOCHILUS TORTUS, King & Pantling.

= ANOECTOCHILUS TORTUS, K. & P.



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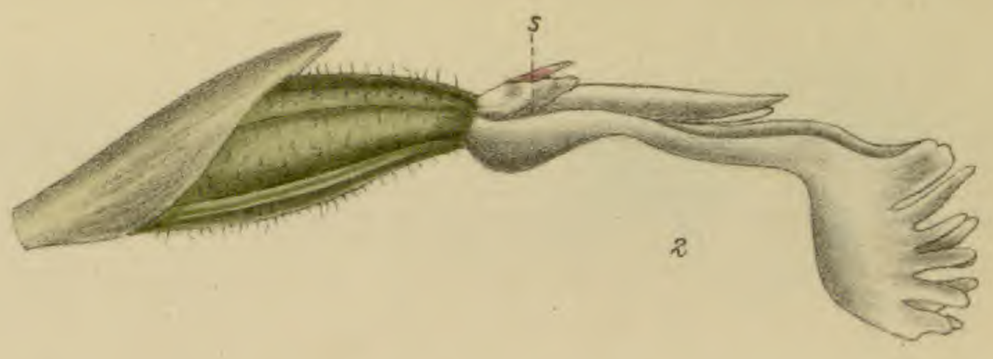

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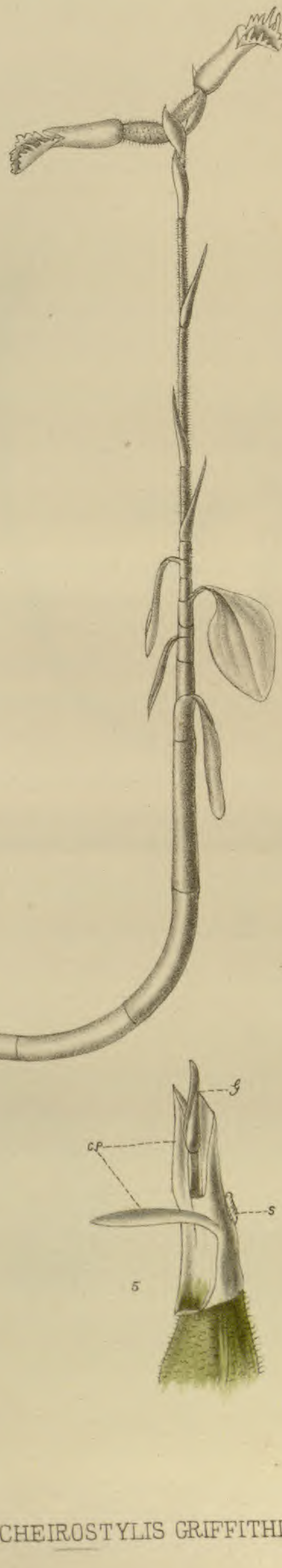

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Drawn by R.Pantling.

CHEIROSTYLIS GRIFFITHII, Lindl.

Lith: by B. K. Roy.

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Drawn by R. Pantling.

Lith. by A. C. Mukerjei.

CHEIROSTYLIS FRANCHETIANA, King & Pantling.
= ZEUXINE FRANCHETIANA, K. & P.

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Drawn by R. Pantling.

Lith: by Chitra Silpi Cº

HETÆRIA RUBENS, Benth.

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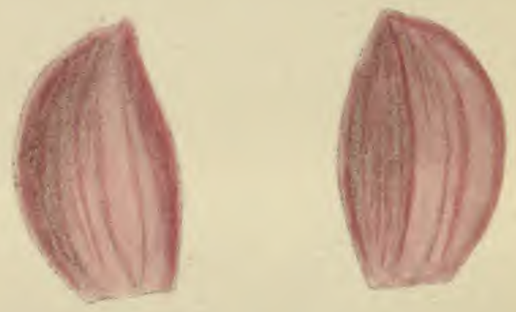

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Drawn by R. Panthng

ORCHIS SPATHULATA, Reichb. fil.

Lith: by Chitra Silpi Cº

Ann. Roy. Bot. Garden. Calcutta, Vol. 8, PLATE 401.

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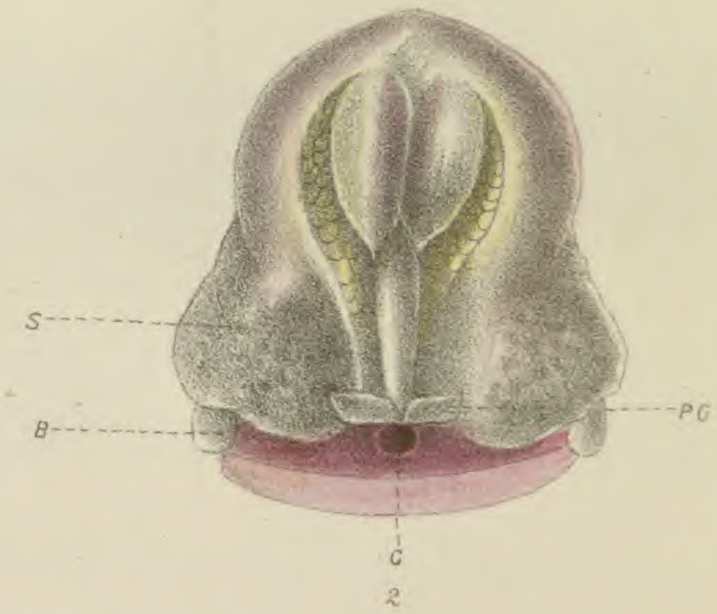

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Drawn by R. Pantling.

ORCHIS HABENARIOIDES, King & Pantling.

Lith. by A. L. Singh.

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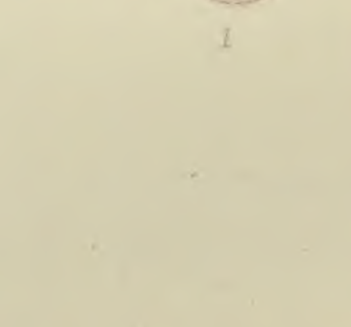

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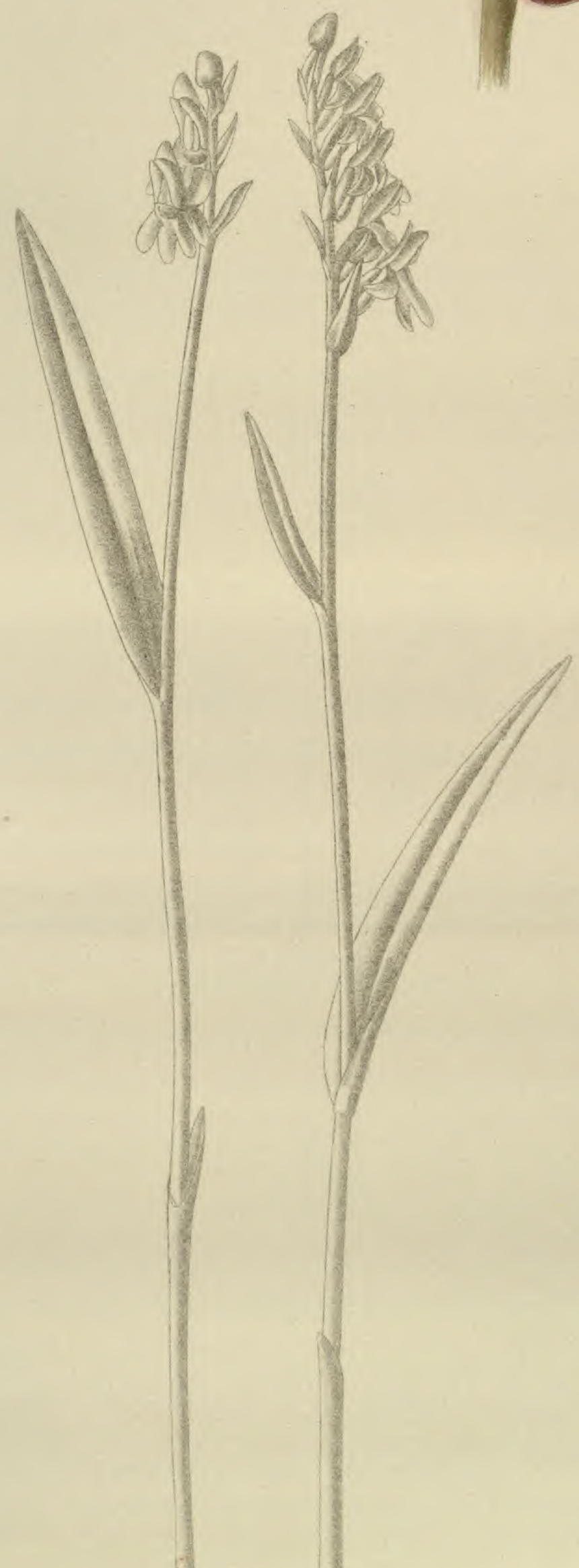

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Drawn by R. Fantling.

ORCHIS CHUSUA, Don.

Lith. by A. C. Mukerjei.

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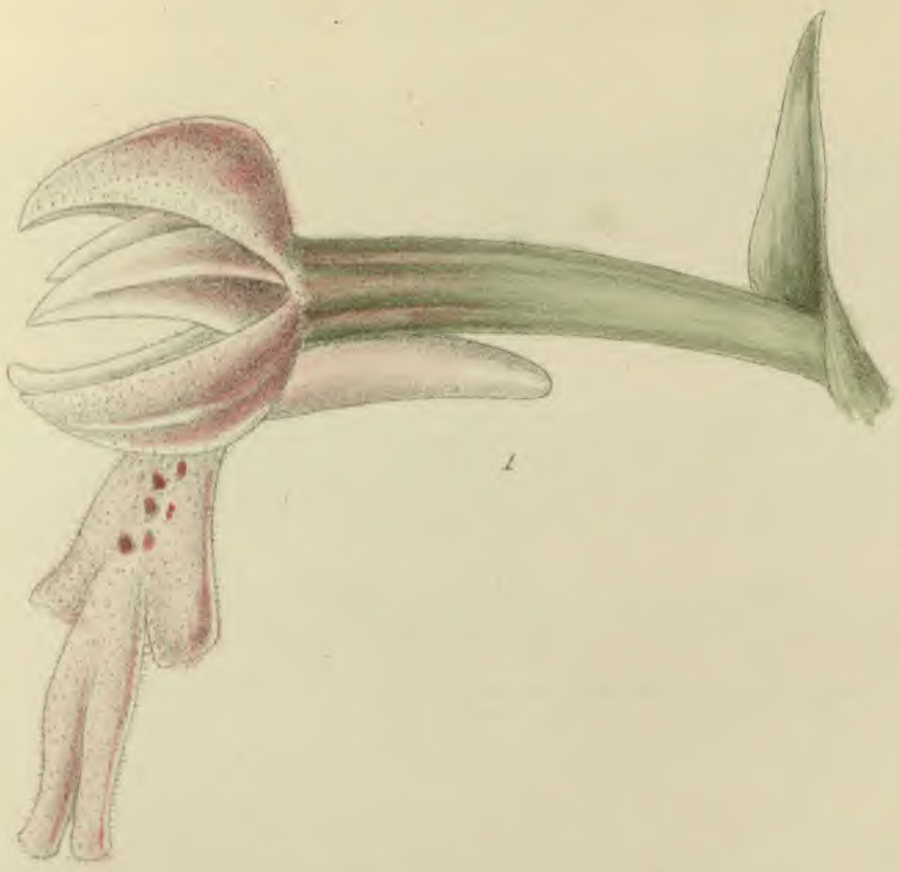
Drawn by R. Pantling.

ORCHIS CHUSUA, Don. VAR. NANA, K. & P.

Lith. by New Chitra Silpi Co.



Drawn by R. Pantling.

ORCHIS PUBERULA, King & Pantling.

Lith. by A. C. Singha.

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Drawn by R. Pantling.

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Lith. by New Chitra Silpi Co.

HABENARIA STENOPETALA, Lindl.

Drawn by R. Panthing

HABENARIA STENOPETALA, Lindl. var. POLYTRICHA, Hook. fil.

Lith. by A. C. Mukerjei

Drawn by R. Pantling.

HABENARIA GENICULATA, Don.

Lith. by B. K. Roy.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 496.

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Drawn by R. Panthing.

HABENARIA PECTINATA, Don.

Lith. by New Chitra Silpi Co.

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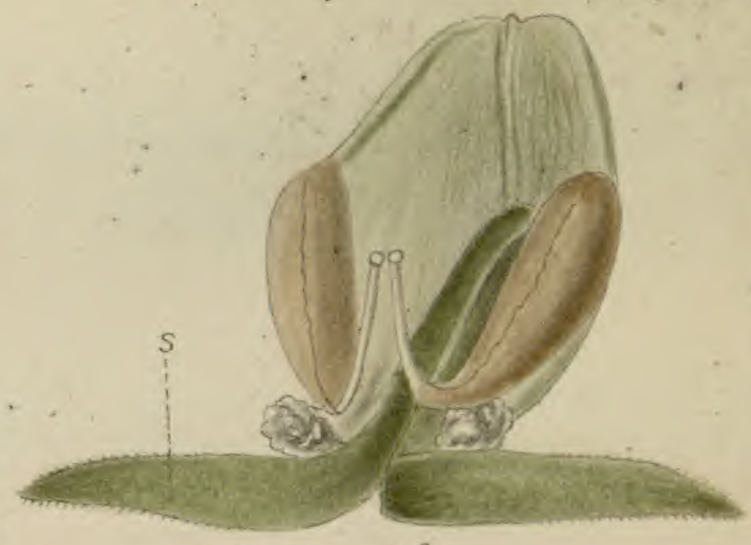

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Drawn By R. Pantling.

HABENARIA ARIETINA, Hook. fil.

Lith. by A. C. Mukerjei.

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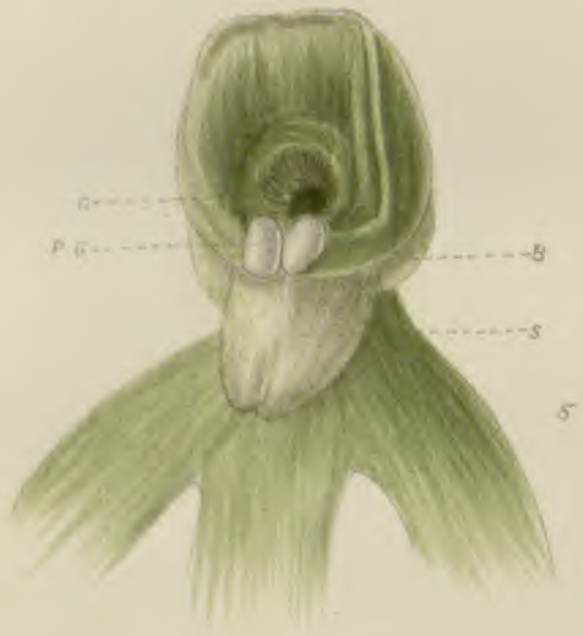

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Drawn by R. Keating

HABENARIA AITCHISONI, Reichb. fil. var JOSEPHI, R. f.

Lith. by D. N. Chowdhury.

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Drawn by R. Panthing.

Lith. by Chitra Silpi Co

HABENARIA ARISTATA, Hook. fil.

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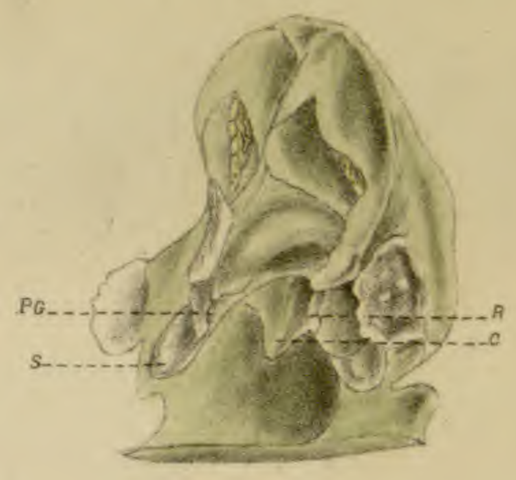

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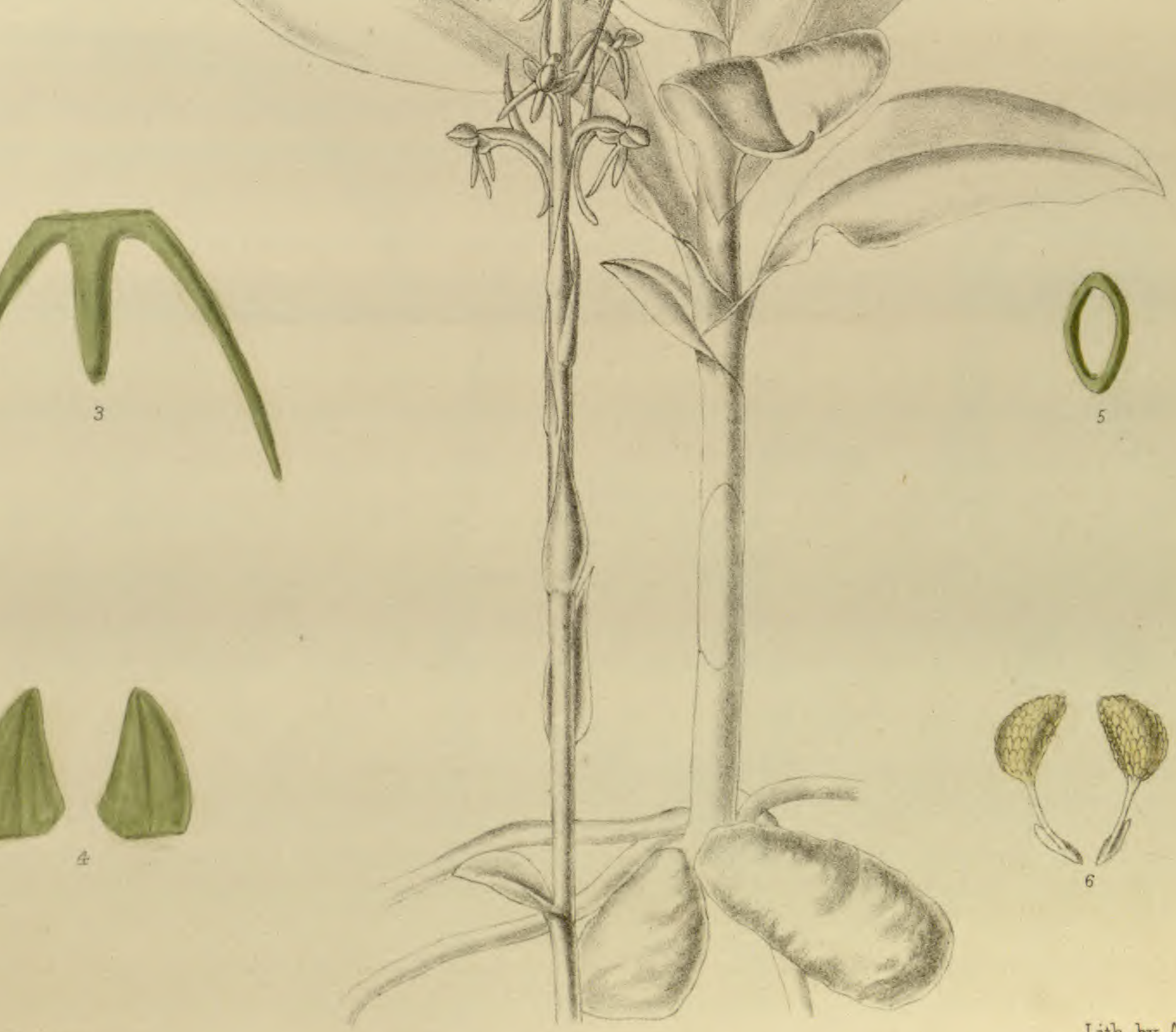

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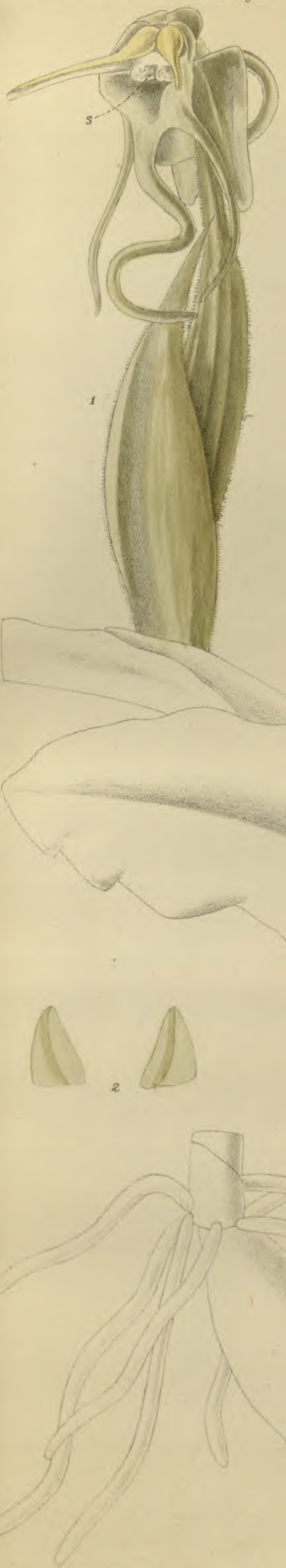
HABENARIA FURCIFERA, Lindl.

Drawn by R. Pantling.

Lith. by A. C. Mukerjei.



Drawn by R. Pantling.

HABENARIA MALLEIFERA, Hook.fil.

Lith. by K. D. Chandra.

Ann. Roy. Bot. Gard. Calcutta, Vol. 8, PLATE 412.

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Drawn by R. Pantling.

HABENARIA STENANTHA, Hook. fil.

Lith. by A. C. Mukerjei.

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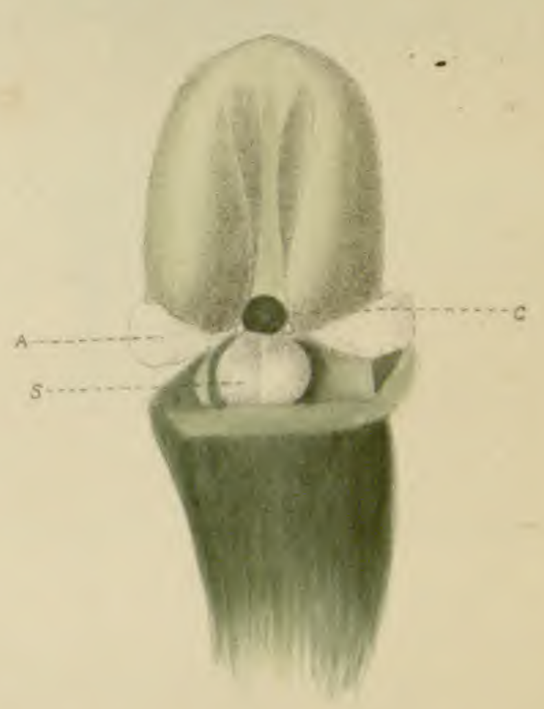

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Drawn by R. Pantling.

HABENARIA BAKERIANA, King & Pantling

Litho by B. K. Roy.

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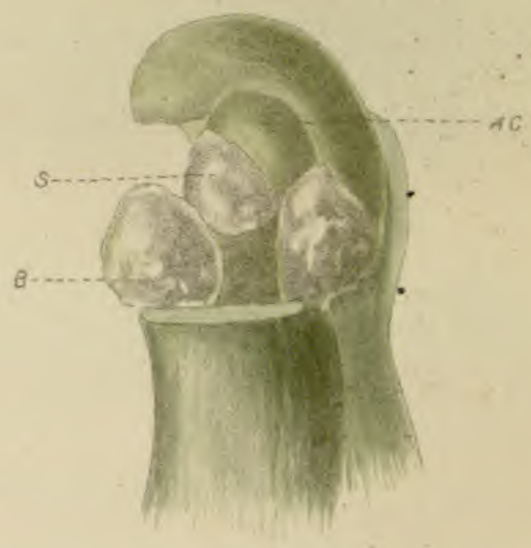

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Drawn by R. Pantling.

HABENARIA JUNCEA, King & Pantling.

Lith. by K. D. Chandra.

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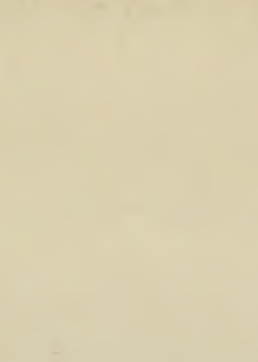

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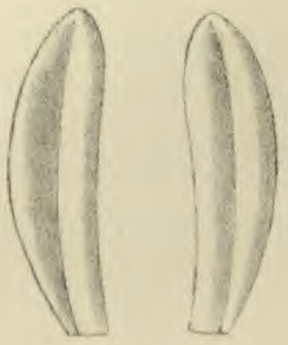

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Drawn by R. Pantling.

HABENARIA URCEOLATA, Clarke.

Lith. by New Chitra Silpi Co.

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Drawn by R. Pantling.

HABENARIA NEMATOCAULON, Hook. fil.

Lith. by B. K. Roy.

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Drawn by R. Pantling

Lith. by Chitra Silpi Cº

HABENARIA SIKKIMENSIS, Hook. fil.

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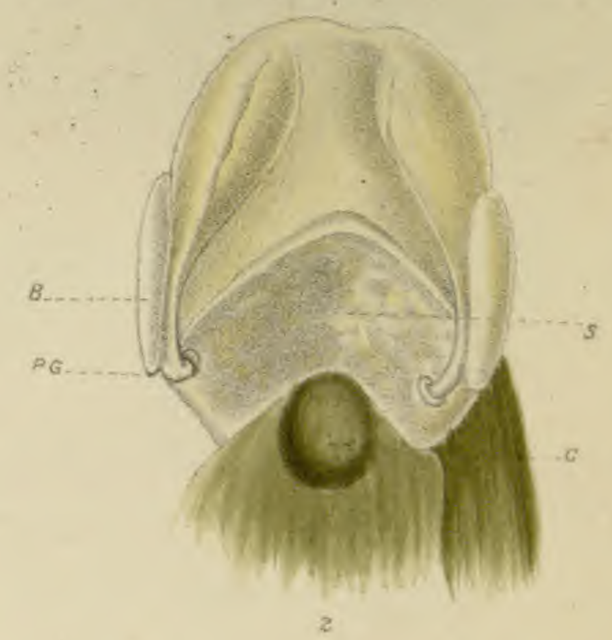

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Drawn by R. Pantling.

HABENARIA DYERIANA, King & Pantling.

Lith. by A. C. Singha.

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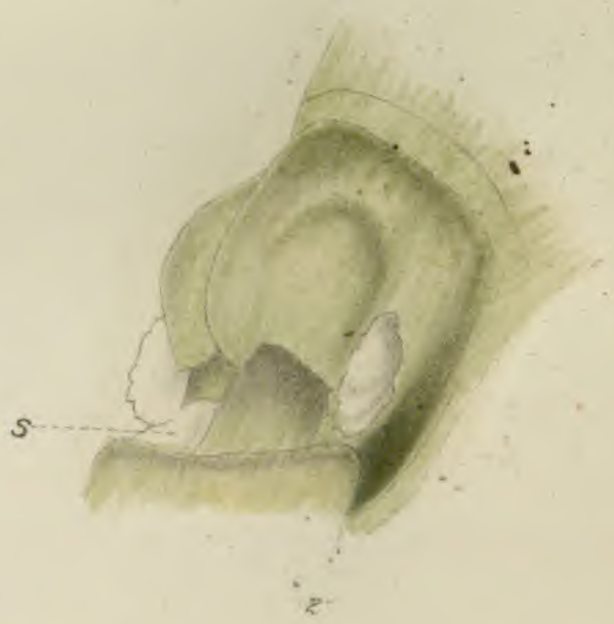

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Drawn by R. Pantling.

HABENARIA BIERMANNIANA, King. & Pantling.

Lith. by New Chitra Silpi Co.

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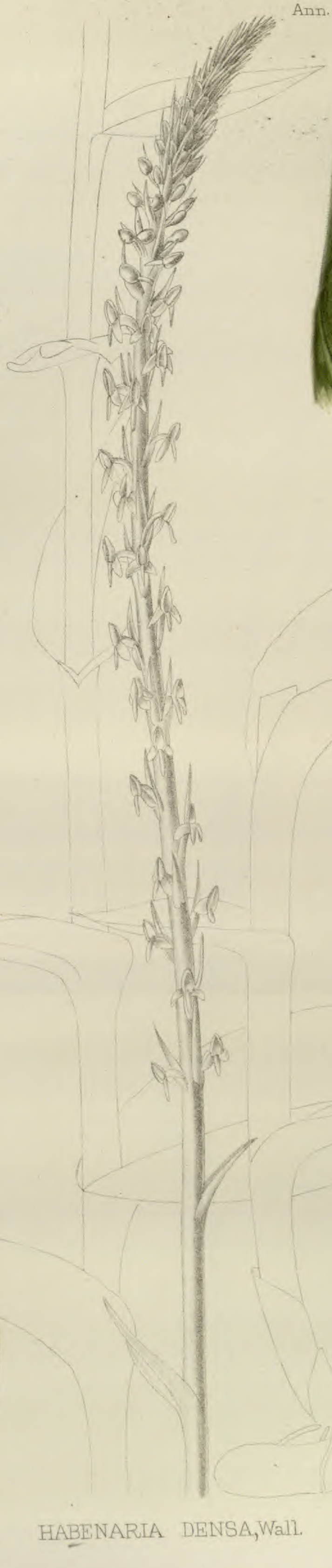

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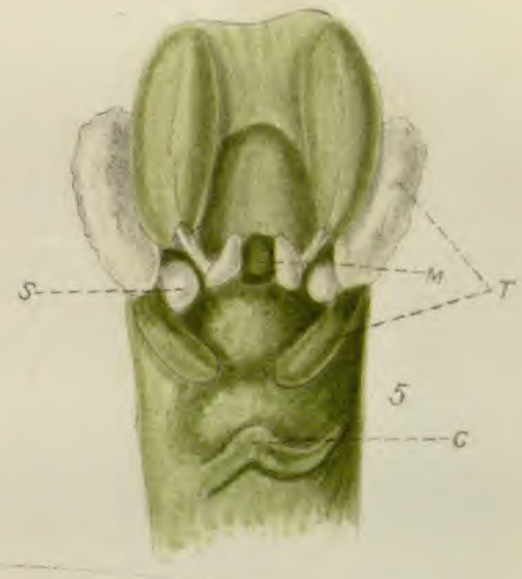

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Drawn by R. Pantling.

HABENARIA DENSA, Wall.

Lith: by K. D. Chandra.

Ann. Roy. Bot. Garden, Calcutta, Vol. 8, PLATE 421.

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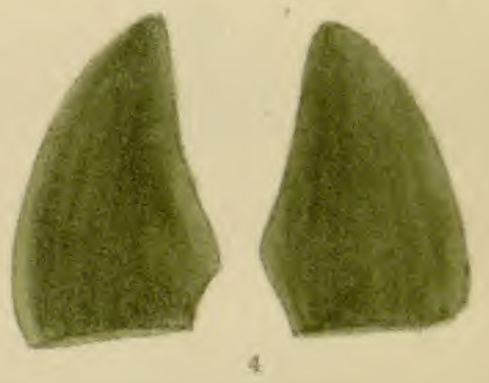
HABENARIA LEPTOCAULON, Hook. fil.

Drawn by R. Panthing.

Lith. by G. C. Dass.



Drawn by R. Pantling.

HABENARIA OLIGANTHA, Hook.fil.

Lith. by A. C. Singha.

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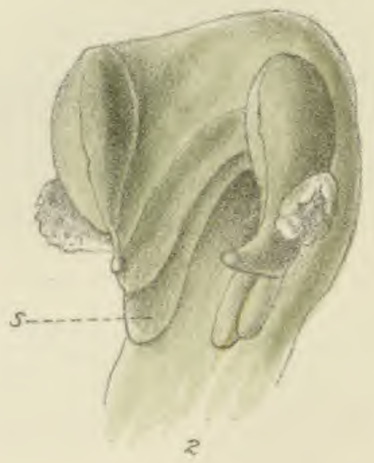

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HABENARIA LATILABRIS, Hook.fil.

Drawn by R. Panthing.

Lith. by K. P. Dass.

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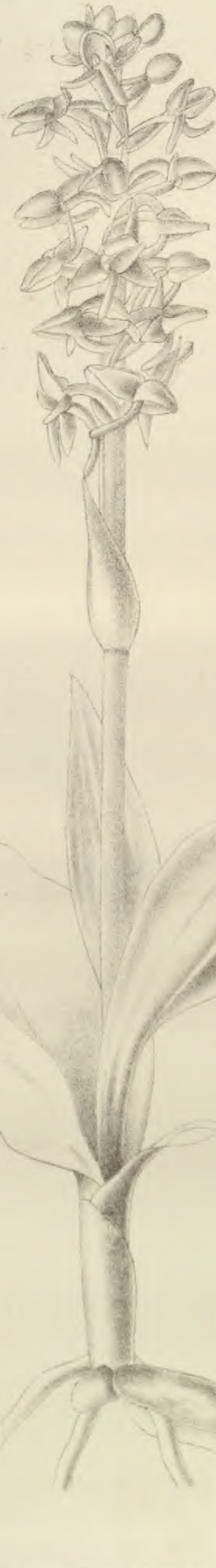

Drawn by R. Pantling.

HABENARIA CUMMINSIANA, King & Pantling.

Lith. by New Chitra Silpi Co.

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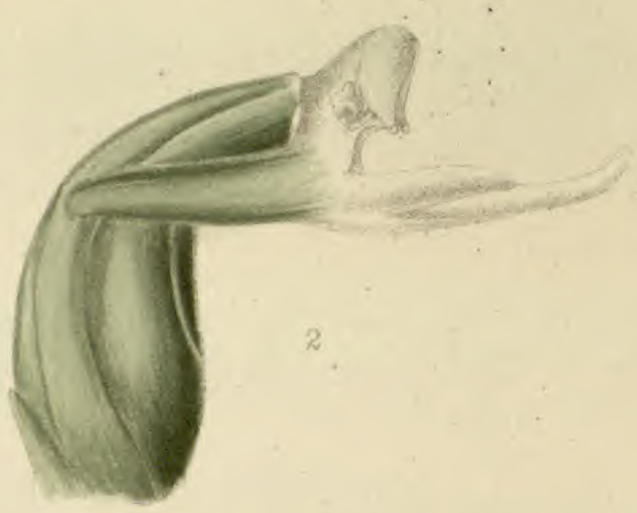

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Drawn by A. Pantling.

HABENARIA ALBO-MARGINATA, King & Pantling.

Lith. by S. B. Ghose.

HABENARIA PARISHII, Hook. fil.

Drawn by R. Pantling.

Lith. by K. D. Chandra.

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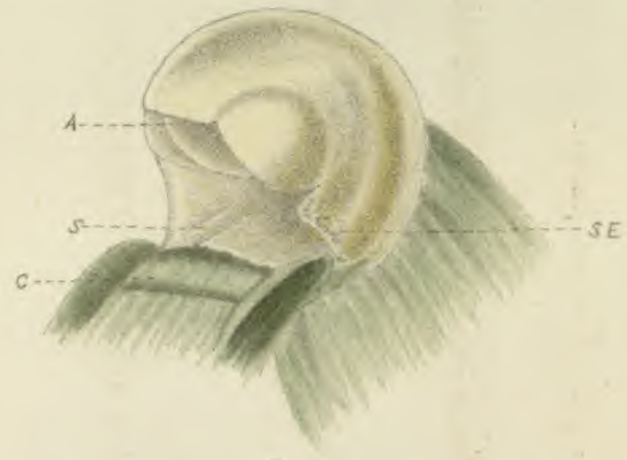

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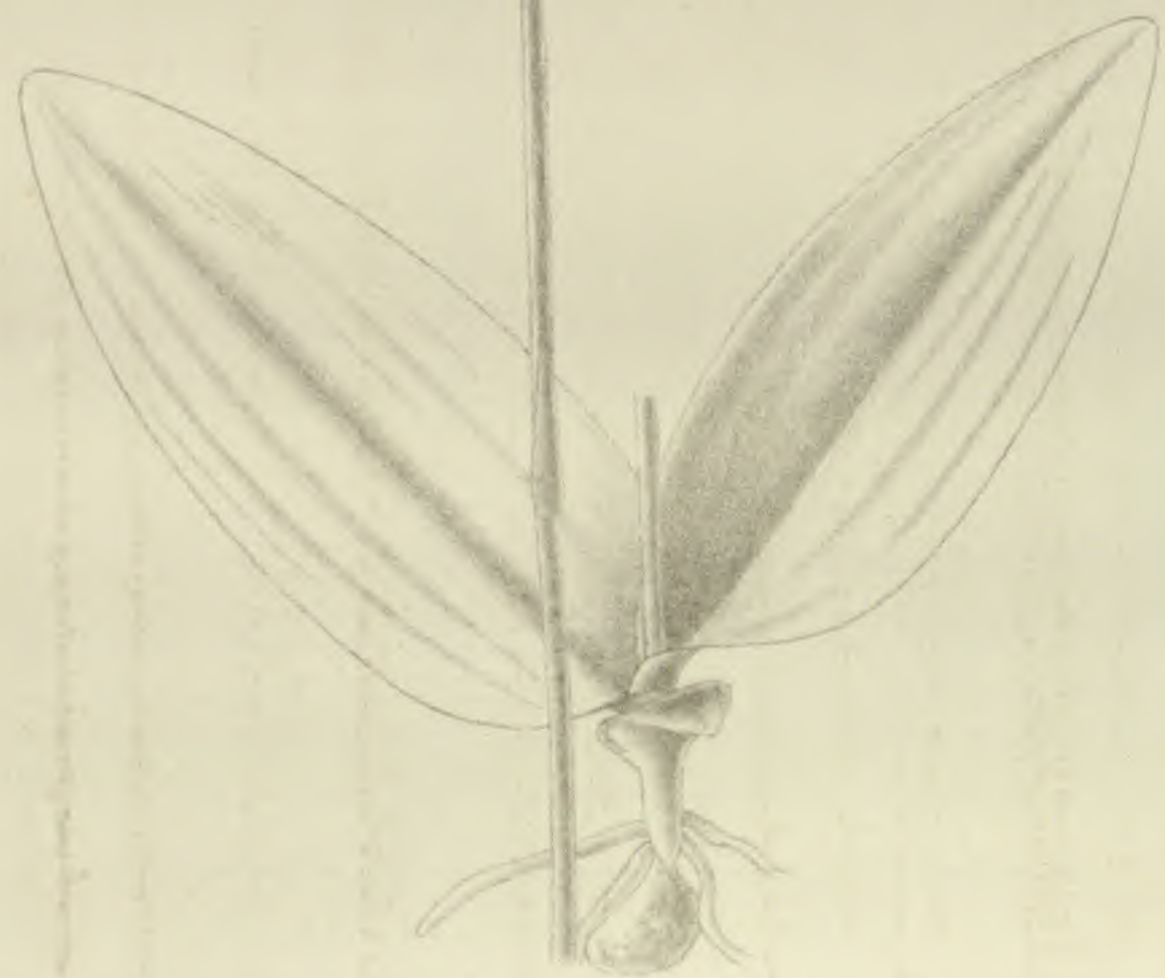

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Drawn by R. Pantling.

HABENARIA LACERTIFERA, Benth.

= H. TENTACULATA, Reichb. fil.

Lith. by A. D. Molla.

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Drawn by R. Pantling.

HERMINIUM FALLAX, Lindl.
= HABENARIA FALLAX, K. & P.

Lith: by K. D. Chandra.

Drawn by H Fanthorp

HABENARIA CONSTRICTA, Hook. fil

Lith. by Calcutta Schl. Co

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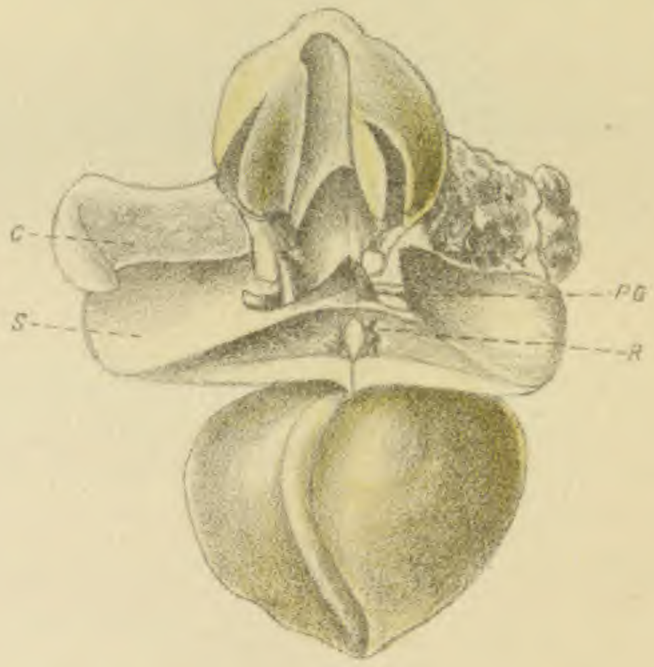

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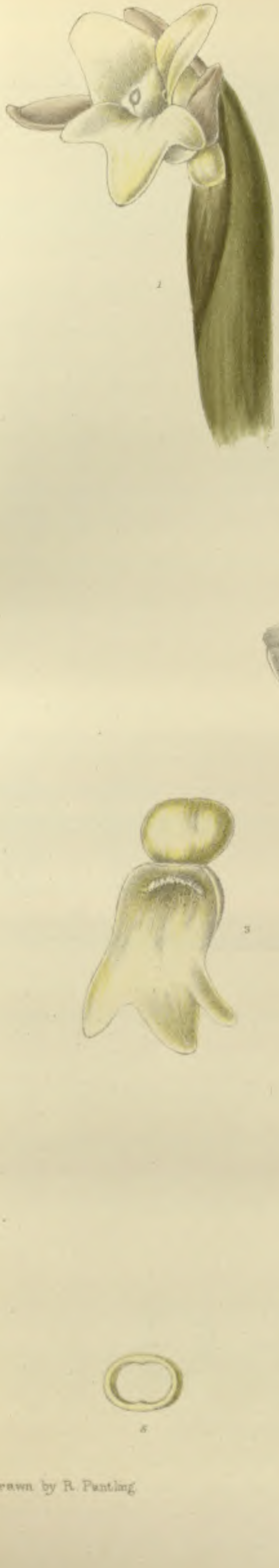
Drawn by R. Pantling.

HABENARIA GOODYEROIDES, Don.

Lith. by A. L. Singh.



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Drawn by R. Panting

HABENARIA GOODYEROIDES, Don var. affinis Lindl

Lith: by Chitra Silpi Cº

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Drawn by R. Panting.

Lith. by P. N. Sinha.

HABENARIA PRAINII, Hook. fil.

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Drawn by R. Pantling.

HABENARIA PSEUDOPHRYS, King & Pantling.

Lith. by G. C. Dass.

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Drawn by B Panting

Lith by Chitra Silpi Cº

HABENARIA SECUNDIFLORA, Hook fil.

HERMINIUM ANGUSTIFOLIUM, Benth.

Drawn by R. Pantling. Lith. by New Chitra Silpi Co.

Drawn by R. Pantling.

HERMINIUM QUINQUELOBUM, King & Pantling.

Lith: by A. D. Molla.

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Drawn by R. Pantling

HERMINIUM JAFFREYANUM, King & Pantling.

Lith: by D. N. Chowdhury.

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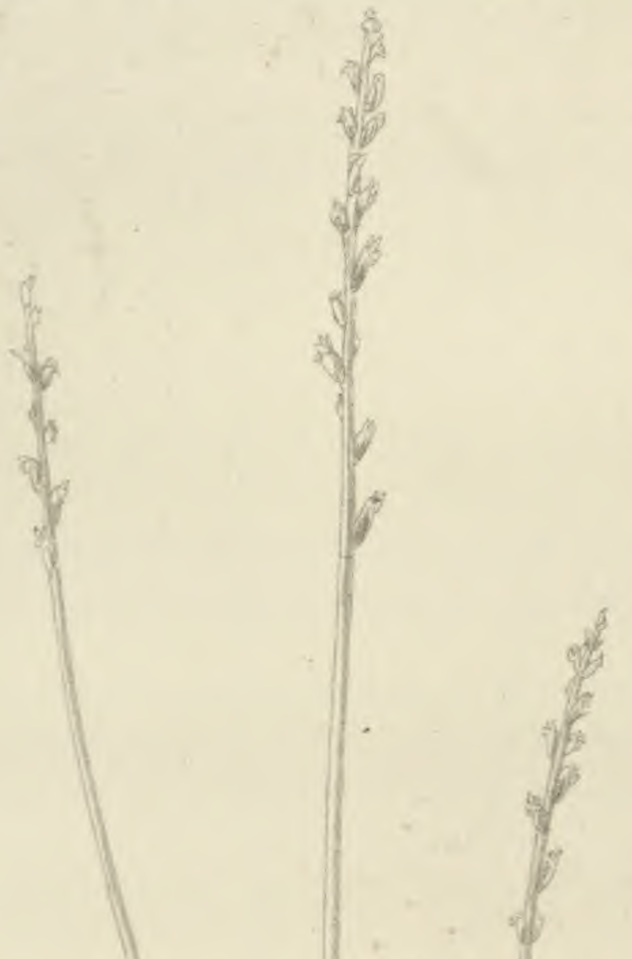

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Drawn by R. Pantling.

Lith. by Chitra Silpi C°

HERMINIUM PUGIONIFORME. Lindl.

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Drawn by R. Pantling.

HERMINIUM GRACILE, King & Pantling.

Lith. by A. L. Singh.

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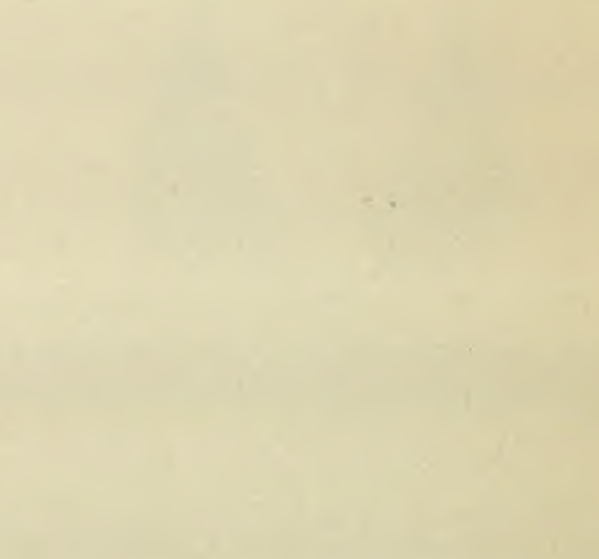

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Drawn by R. Pantling.

Lith. by K. P. Dass.

HERMINIUM ANGUSTILABRE, King & Pantling.

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Drawn by R. Pantling.

HERMINIUM CONGESTUM, Lindl.

Lith. by New Chitra Silpi Co.

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Drawn by S. Panting.

HERMINIUM JOSEPHI, Reichb.fil.

Litho by D. N. Chowdhury.

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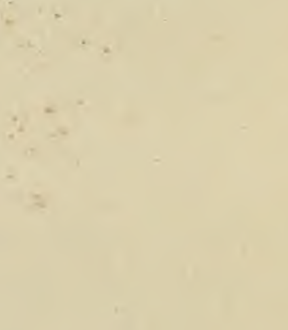

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Drawn by R. Panthing.

HERMINIUM ORBICULARE, Hook.fil.

Lith. by B. K. Roy.

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Drawn by R. Pantling.

DIPLOMERIS HIRSUTA, Lindl.

Lith. by B. K. Roy.

Drawn by R. Pantling.

SATYRIUM NEPALENSE, Don.

Lith by G. C. Dass.

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Drawn by R. Fantling.

Lith. by A. D. Molla.

SATYRIUM NEPALENSE, Don, VAR. CILIATA, Lindl.

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Drawn by R. Pantling.

CYPRIPEDIUM VENUSTUM, Wall.

Lith. by A. C. Singha.

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Drawn by R. Fanthng.

Lith. by Chitra Silpi Cº

CYPRIPEDIUM ELEGANS, Reichb. fil.

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Drawn by R Pantling

Lith: by Chitra Silpi Cº

CYPRIPEDIUM TIBETICUM, Kmg.

1

2

Drawn by B. Panting.

CYPRIPEDIUM HIMALAICUM, Rolfe.

Lith. by A. C. Mukerjee.