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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Victoria Lake

E. Africa

collected by

E. Lind

Afrika T.

Desmids from

Uganda

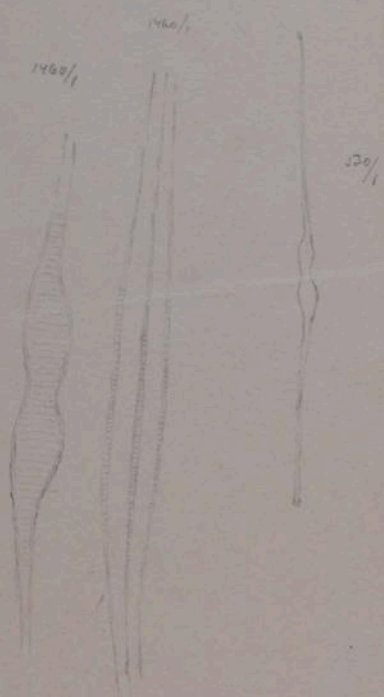
E.-Africa

collected 1954

by

E. Lind

Synedra Cunninghamii West, West (Tanganyika)



Lake Victoria

6341

Microstela *trichomanes*!
abt. 1881!

long 19
c. 1881-82



omit
?



400/1

Sarawak

of *S. Cunninghamii* W. & A. 390
Tanganyika II: 7

var.?

S. gracile + *prostratum* W. & A.
ibid. II: 7

(cf. Scott, *Arabia*, S. 271)

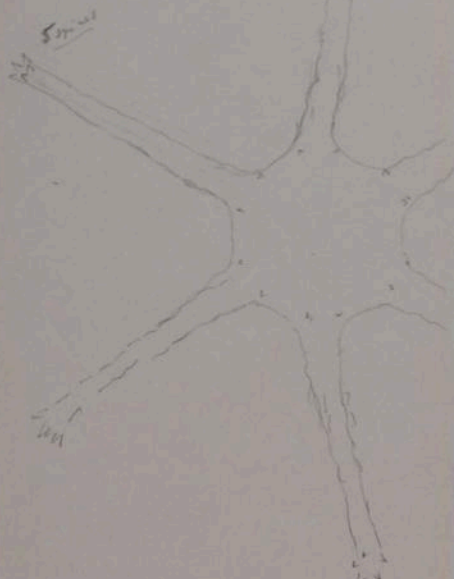
Plants Victoria lake

- 8/10 1/2"

1000 ft. level.

6574

[omit] WS



x 1530/1

not on the hill

Lake Victoria
flavet



890/1

Pedicularis tetens var. angiana Pac. f. n.
W. W. Tanganyika E. 18

Uganda 1454/1935

Edna Lind's samples from Uganda. (No 1-5).

No 1. *(evolutum f.)*
Euastrum *fig. 6241*

54-55 *Cosmarium tenue*? *fig. 6603 f. tenuis Lind n. f.*
54-56 *galeritum*? *fig. - [6265 = 6307 = C. nitidulum f. (flor. cand.)*
101-103 *pardalis* *fig. - [6348 = C. paradoxum Turm*
punctulatum?
tenue?

55-56 *sp. - fig. - [6307 = 6265 = C. nitidulum f.*
54-57 *sp. - fig. 6604 sub tenuis Lind n. f.*

Staurastrum
coarctatum var. *subcurtum* *fig. -*

(floriferum)? great = minimum?

hexacera f.?
in florum

Other Algae:

Diatoms ccc
Gloeotaenium loitlesbergia-
num

Protococcales ccc

Cyanophyceae

Desmidiaceae

Bostrychiaceae

Phaeocystaceae

Spizizeniaceae

No 2. *(Linnium sp.)*

Closterium *cornu* *(C. zygosp.)*
dianae
gracile v. *elongatum*
parvulum v. *angustum* *fig. - [6230]*

Pleurotaenium
trabecula *f. fig. - [6230]*

Euastrum *elegans* *f. in Lichthens*
sp. - fig. - [6245]

Micrasterias
decemdentata? *fig. - (or M. ceylanica f.) [6252]*
pinnatifida *fig. - [6248]*
sp. - fig. - 6584

Cosmarium *blyttii* *(cruciferum f. 6609 [C. curvum f.]*

graciloides *cucurbita* *(Linnium rotula*
novae-semillae *(in Lichthens of florum mouth?)*
nymmannianum var. - 6267

pseudocognatum *fig. - 6306*
retusum var. *inaequalipellucum?* *fig. 6608 = "New sp."*
staurastroides?

44, 105 *striolatum* *f. fig. - ccc 6607 & 6277 sub*

54-55 *sp. - fig. - 6606 subauriculatum Wz W*

sp. - fig. -

sp. - fig. -

48 - - *fig. 6605 - C. moniliform v. subpygmaeum n. v.*

also
46 6261 C. curvum
6264 C. subauriculatum
- ? (Pinn. L. Curv?)
6273 C. subauriculatum
6275 :

Staurastrum
apiculatum
monticulosum v. *bifarium?*
orbiculare v. *depressum*
diphloicum

No 3.

Euastrum elegans f. 6615

Microasterias

pinnatifida

radians var. - fig. - [6256]

Cosmarium

connatum

contractum v. ellipsoideum

hammeri ? f.

margaritifera ? (cf. malinvernianum) fig 6612 = C subrotundiform

tenuis ? ccc fig 6610 "f. tenuis" a 6342

Arthrodesmus fig 6611 [humidella conugetal]

Arthrodesmus

convergens fig. - (+ f. inermis) f 6613

Staurastrum

floriferum

leptocladum v. cornutum Wille

margaritaceum

orbiculare v. hibernicum

tohopekaligense (processibus brevioribus, cf. Gblad, Keuru)
fac. triangulare

No 4.

Closterium

acutum

cornu

dianae

gracile

incurvum fig. - [6203]

subulatum

venus

Pleurotaenium Ehrenbergii (f. major!)

maximum f. fig. - [6601]

trabecula fig. - [6234]

Euastrum

denticulatum v. rectangulare [6256?]

elegans f.

evolutum

flammeum ?? fig. - [6242]

oculatum ?

praemorsum f. fig. - [6204]

spinulosum var. "ugandae", var. nov. fig. - [6246, 6247]

subintegrum var. - fig. - [6242]

sympageum var. - ? fig. - [6244]

Microasterias

ceylanica ? fig. - [6252] [612] [6251]

decendentata f. ? fig. - [6244]

radians fig. - [6255] [6254] [6256]

tropica var. - fig. - [6260]

pinnatifida fn fig. -

abw
61-C. na dioscorid v. 05- 6346
C pseudonitidul 6343
C ? (= 6612) 6345

[+ A conueta carter major -
A " oblongoval 6214

100-101
Pleurotaenium Ehrenbergii? 6614

(No 4, continued)

Cosmarium

50-51 bicardina 6495

blyttii
calcareum ?

capense v. nyassae

51-52 connatum fig. - 6217 [6496]

clepsydra f.

91-95 decachondrum var. - fig. = taxichondrum v. 6274

76 granatum f. ? f. pyramidale 6266

hammeri

isthmium

96-97 kilimanense (cf. L. Ambadi!) 6270

lobatum fig. - 6285 b

malinvernianum ??

moniliforme

obtusatum v. boenlandii

74-75 pygmaeum 6504

quadrum

pachydermum v. aethiopicum

85-87 regnellii 6505 = 6521 (?)

regnesi v. productum West, Ceylon

retusifforme var. ?

77-78 sinostegos v. obtusius 6506

variolatum var. ? fig. -

zonatum fig. - f. javanicum 6262

59-60 sp. - fig. = C. permaculata 6264

6/19 sp. - fig. = C. hexagonum 6272

Arthodesmus

convergens (typicus)

convergens ? var. - fig. - [6265]

convergens ? f. - fig. - [6320] [6274] [6305] [6320] [6274] [6305] [6320] [6274] [6305] [6320]

Staurostrum

contectum ? fig. - [6266]

cuspidatum f.

fuellebornei f. 6274

inconspicuum

jotanium

leptocladum v. cornutum

orbiculare var. - fig. - [6310] [6305] v. declivata

ornatum fig. - [6267]

paradoxum v. parvum

quadricornutum var. - fig. - [6300]

sebaldi f. ?? omit

tetracerum

unguiferum ? f. - fig. - [6292] = leptocladum v. thapsone

zonatum (Gbl. Brasil.)

sp. - fig. -

Spondylosium

planum ?? f. fig. -

Sphaerosma

excavatum

granulatum

Onychonema

laeve

laeve v. miracantha

2350

C. diploporum 6263

91-93 C. trichodermum 6268

91 C. subdanicum 6218

C. cf. poly... 6440

74 C. hammsii v. Schud. 6441

C. tenue f. minus 6442

62-63 C. cf. quadratum 6261

C. sp. 6440

72-73 C. - novum? 6491

67-68 C. dichondrum f. 6492

C. subdanicum 6497

C. pseudobovum 6502

98-99 C. sp. cf. subdanicum 6597

63-64 C. pseudonotum v. angustum 6592

44 C. lanceolatum longid. 6599

49 C. diploporum 6500

70-71 C. opulenta? 6222

distortum

C. dichondrum f. 6271

C. hexagonum 6272

C. pseudobovum 6502

Asplenium v. subconcoloratum Rich 6292
C. declivata v. subconcoloratum [6261]
C. diploporum v. obtusum 6267
C. dichondrum africanum 6492
" rubrum 6595

C. setosum f. 6501
f. punctatum 6300
pseudobovum 6492
punctatum subsp. 6492
" f. Hillii 6319

Wilson ?

No 5.

Closterium
dianae
kuetzingii
setaceum

Micrasterias

crux melitensis f.? fig. - [6237]
radians f. - fig. - [6258]
tropica var. - fig. - no fig

Pleurotaenium

cylindricum v. stuhlmani ? fig. - [6237]
minutum v. elongatum fig. - [6313]
subcoronulatum v. africanum fig. - [6240]
wallichianum ? fig. - [6236] *Microcosium*
sp. - fig. - [6636]

Cosmarium *contractum*

47 moniliforme fig. - 6311

contractum obtusatum *homaloderma* / minor Schwolle 1902
sp. - fig. - [6254] *negress* v. *productum*

Xanthidium

cristatum var. - fig. - [6276]

Arthrodesmus

convergens fig. - [6280] [6279 (A *microcrustata*)]
sp. - fig. - [6636, 6286] [6282 & *subulata*]

[6619-4]

Staurastrum

apiculatum sp. - fig. 6341 *case 1+*
corniculatum f. fig. [6291] - [6292] sp. - fig. 6323, 6339 *case 2*
fuelleborni f. fig. - sp. - fig. 5910 *case 3*
leptocladum v. cornutum sp. - fig. 6486 *case 4*

[6321, 6324, 6325]

mucronatum ?? var. - fig. - [6294]
sebaldi var. ornatum (West monogr. iv)
senarium fig. - 6309
tetracerum

[6617 *Diel* v. *aff.*
Gonolery *muticum*
aculeatum (*Spinetta*)

trifurcatum fig. - [6295]
wildemani fig. - [6620] [6294]

(6) Lake Victoria viii/50, iv/52, leg. E.M. Lind

Closterium aciculare v. subpronum fig. 6322 *4b*
Cosmarium

contractum f. - fig. 6330b
contractum f. - fig. 6330c
depressum fig. 6326, 6330a
moniliforme v. panduriforme fig. 6331

Staurastrum

coarctatum v. subcurtum *sp. n.* fig. 6332
corniculatum v. spinigerum ? fig. 6334
cuspidatum fig. 6333
dejectum fig. 6335 *x2*
excavatum fig. 6487
leptocladum var. - fig. 5909, 6327 *4b*
limneticum fig. 6340
"- var. ? fig. 6321
muticum ?? fig. 6324
paradoxum v. longipes (= S. longipes) [6324] *2*
"- v. parvum
setigerum v. nyansae fig. 6329, 6336
tohopekaligense fac. quadrangulare 5908
sp- fig. 6328, 6338 *Canadian form*

List of species illustrated on the plates:

Closterium acutum v. *latius*, *Cl. abruptum* v. *africanum*, *f. angustum* n. f., *Cl. turgidum* v. *borgei*, *Pleurotaenium minutum* v. *elongatum*, *P. baculoides*, *P. trabecula* v. *P. trabecula* v. *maximum*, *P. gloriosum*, *P. cylindricum* v. *stuhmanii*, *P. subcoronatum* v. *africanum*, *P. wallichianum*.

Staurastrum pinnatum v. *simplicius* n. v., *E. evolutum* v. *integrius* f., *E. oculatum* f., *E. pseudoboldtii* f., *E. elegans* v. *compactum*, *E. divaricatum* v. *ugandae*, *E. truncatiforme*, *E. subcrassum*, *E. subatellatum*, *E. sphaeroides* f., *E. spinulosum* v. *lindae*.

Micrasterias pinnatifida f., *M. decemdentata* (?), *M. zeylanica*, *M. zeylanica* f., *M. crux-melitensis* f. *minor*, *M. radians* f., *M. ambadiensis* f. *latiloba*.

Cosmarium (*Actinotaenium*) *lanceolatum* f. *turpidum* n. f., *C. curtum* v. *latius* n. v., *C. moniliforme*, *C. moniliforme* v. *subpyriforme*, *C. curtum* f.

Cosmarium zonatum v. *angustum*, *C. pseudocoronatum*, *C. coronatum* v. *africanum*, *C. lobatum*, ~~*C. contractum*~~ *C. contractum* v. *papillatum*, *C. lobatum*, *C. contractum* v. *ellipsoideum* (?), *C. subauriculatum*, *C. maximum*, *C. permaculatum*, *C. permaculatum* *C. medioscrobiculatum* v. *egranulatum*, *C. pseudonitidulum* v. *angustisthmium*, *C. regulare*, *C. granatum* v. *pyramidale*, *C. hamneri* v. *schmidlei*, *C. pyramidatum* f., *C. protuberans* f., *C. quadratum* v. *applanatum*, *C. tenue* f. *tumidum* n. f., *C. regnellii* v. *chondrophorum*, *C. regnellii* v. *regnellii*, *C. sp.* - (=Lehr-el-Chazal fig. 702), *C. tithophorum*, *C. phaeocolus* v. *subbireme*, *C. taxichondrum* v. *ornatum* (?), *C. kilimanense*, *C. pseudobroomei*, *C. ordinatum* f., *C. subtholiforme* f., *C. paradoxum*, *C. mansongense*.

Xanthidium subtrilobum v. *inornatum* f.

Arthrodesmas mucronulatus f., *A. maximus* v. *latus*, *A. maximus* v. *africanus* n. v., *A. maximus* v. *africanus* f. *obtusispinus*, n. f.,

Staurastrum orbiculare v. *denticulatum*, *S. clepsydra* v. *obtusum* f., *S. coarctatum* v. *subcurtum*, *S. mucronatum* f., *S. dickiei* v. *africanum*, *S. wildemanii* v. *maius* (=Ambadi), *S. polytrichum* v. *curvispinum* (?), *S. leptocladum* v. *cornutum*, *S. polymorphum* v. *diversens*, *S. gracile* f. (?), *S. pinnatum* v. *subpinnatum*, *S. pinnatum* v. *subpinnatum* f., *S. cyclacanthum*, *S. subcyclacanthum*, *S. n. sp.* -?, *S. fuellebornei* *S. senarium* f. (=S forficulatum f. Ambadi), *S. tohopekaligense* v. *robustum*, *S. quadriconnutum*, *S. furcatum* f.,

Sphaerosozoma indicum (?)

Lake Victoria plankton:

Closterium aciculare v. *subpronum*, *Cosmarium depressum*, *C. contractum* v. *ellipsoideum*, *C. moniliforme* v. *penduriforme*, *Staurastrum coarctatum* v. *subcurtum* f. *majus*, *S. cuspidatum*, *S. corniculatum* f. *latum*, *S. dejectum*, *S. setigerum* v. *nyasae*, *S. limneticum* f., *S. limneticum* v. *limneticum*, *S. limneticum* f., *S. anatinum* v. *glabrum* n. v., *S. excavatum*, *S. inflatiusculum* n. sp., *S. tohopekaligense* v. *trifurcatum*, *S. lindae* n. sp., *S. leptocladum*.

Agave. Explanation of the plates.

- | | | | |
|----|---|------------|---------------------------------------|
| 1 | Clostera acutum var latius Ghl | 6503 | (a, b) |
| 2 | " abruptum v africanum Fz R f argentum n f | | 6497 |
| 4 | " Fergidum v. borzei Dufl | 6439 | ③ Cl peruvianum v angustatum v. v. v. |
| 11 | Phenac. ... v. elongatum | 6313 | |
| 5 | " baculoides (Rz B) Playf | 6235 | |
| 6 | " trabecula v elongatum | Scott fig | (A) |
| 7 | " " v maximum | 6236 | 87 |
| 8 | " glaberrima (Pursh) W. W | Scott fig | |
| 9 | " cylindrica v stabilis (Horn) King | 6837 | |
| 10 | " subcoronatum v africanum | Scott fig | (B) |
| 11 | " wallichianum | 6239 | |
| | | | |
| 12 | Eucata praemorsa v simplicis | 6304 | n. var |
| 13 | " evoluta v interpres f. | 6241 | |
| 14 | " Ucolatum Berger f. | Scott fig | (C) |
| 15 | " pseudobaldui ! | 6280 | |
| 16 | " elegans v compacta | 6244 | (6615) |
| 17 | " divaricata v sub ^{marginata} marginata | 6242 | |
| 18 | " truncatiformis | 6243 | |
| 19 | " subcrassum | 6244 | |
| 20 | " substellatum f. | Scott fig | (D) |
| 21 | " sphaeroides f. | " " | (E) |
| 22 | " " " | 6245 | |
| 23 | " lindae n. sp. | 6247, 6246 | |
| 24 | " Mue. pomifera f. | 6248 (1/1) | |
| 25 | " decumbens ? Zeyheri? | 6249 | |
| 26 | " zeyheriana | 6251 | |
| 27 | " " " | 6250 | |
| 28 | " " f. | 6252 | |
| 29 | " crux-mil. formis f. novae | 6255 | |
| 30 | " radians f. | 6254 | |
| 31 | " radians f. | 6584a | |
| 32 | " andersonii f. liliifolia | 6259 | |

33	Cosmeris	(Atili notanum) lanceolata f. Turrydon	n. f. 6599
34	"	L. (?) curvum v. latius n. var	6609
35	"	L. (?) curvum f.	6261
36	"	(?) moniliforme	(6311)
37	"	(?) moniliforme v. subpyramide	6600-
38	"	L. (?) curvum f.	Scott (F)
39	"	zonatum v. angustum Gbl. & Scott	Scott (G)
40	"	(Atilis) pseudozonatum	6308
41, 42	"	zonatum v. africana	6317-6496
43, 44	"	lobatum	6285 a, b
45	?	Cosm. contractum v. ^{alt.} peltatum W. W	Scott (H)
46	"	lobatum	Scott (I)
47	"	contractum v. ellipsoideum?	Scott (J)
48	"	subseriale v. v.	6606
49	"	maximum (Borgesen) v. v.	Scott (K)
50	"	permaculatum Gbl. & Scott	6264
51, 52	"	microseriale W. W v. egranulatum Gentes	(6346 6614?)
53	"	pseudonitidulum v. angustiserratum	6598
54	"	regulare? (Schum)	Scott (L)
55	"	granatum var. pyramidale G. & S.	6266 Scott (M)
56	"	hammeri v. schmidlei	6441
57	"	pyramidale f.	Scott (N)
58	"	protuberans f.	6495
59	"	quadritula v. appressata Max. Krieger	6489
60	"	tenuis "f. Tenida"	6603
61	"	Requellii v. chondriiforme Skuja	6621
62	"	" v. requellii	6505
63	"	sp. - cf. tub. v. G. v. fig. 7002	6608
64	"	T. theophrasti Ndt	6267
65	"	phaeolus And. v. subseriale Pacific	Scott (O)
66	"	laevigatum v. ornatum W. W.?	6274
67, 68	"	Kilianovae	Scott (P)
69	"	pseudocerosci	6276
70	"	ordinatum f. (cf. Borgesen)	Scott (Q)
71	"	subtiliforme Pacific (Harden T. 40)	6612
72	"	peridactylum	Scott (R)
73	"	marianense	Scott (S)
74	Vartholomaei	subtiliforme v. inornatum Skuja f.	Scott (T)
75	"	microseriale f.	6374
76	"	maximum v. latius Gbl. & Scott (U.S.A.)	6282

77	<i>Nitella</i>	<i>maxima</i> v. <i>africana</i> n. var.	6616b
78, 79	"	" f. <i>obtusispinus</i> n. f.	6616 a, 6283
80	<i>Staur</i>	<i>orbiculosa</i> v. <i>denticulata</i> Kdt (= <i>S. bichara</i> ex Gmel)	6308
81	"	<i>clavata</i> v. <i>obtusum</i> f.	6287
82	"	<i>coarctata</i> v. <i>subcinctum</i>	6288
83	"	<i>micromita</i> f.	6289
84	"	<i>diversi</i> v. <i>obscurem</i>	6617
85, 86	"	<i>Waldemari</i> v. <i>maius</i> (= <i>trilobata</i>)	6294 6620
87	"	<i>polytricha</i> v. <i>curvispinum</i>	6295
88	"	<i>leptoclad</i> v. <i>comatum</i>	Scott (2)
89	"	<i>polymorpha</i> v. <i>divergens</i>	6500 [?], Scott (V)
90	"	"gracile" f. ?	6602
91	"	<i>pinnata</i> v. <i>subpinnata</i>	6319
92	"	" " " f.	6494
93	"	<i>cyclacantha</i> f.	Scott (X)
94	"	<i>subcyclacantha</i>	Scott (4)
95	"	n. sp. ?	Scott (Z)
96	"	<i>tullebornii</i> (fac. 5)	6596
97	"	<i>senarium</i> f. (= <i>S. forticulata</i> f. <i>Amaladi</i> 266-270)	6309
98	"	<i>tobopetalogense</i> v. <i>robustum</i> Scott, Phae. mex.	Scott (A)
99	"	<i>quadrifidum</i>	Scott (A)
100	"	<i>pericatum</i> f.	6300
101	<i>Sphaerozoma</i>	<i>indicatum</i> ?	6302

Lake Victoria plancton:

1, 2	<i>Closterium</i>	<i>aciculare</i> v. <i>subpressum</i>	6322a, 6
3, 4	<i>Coscinus</i>	<i>depressus</i>	6326, 6330
5	"	<i>contractum</i> v. <i>ellipsoidum</i>	6330
6	"	<i>moniforme</i> v. <i>panduriforme</i>	6331
7	<i>Stauris</i>	<i>coarctatum</i> v. <i>subcinctum</i> f. <i>maius</i> n. f.	6332
8	"	<i>curvifolium</i>	6333
9	"	<i>corniculatum</i> (f. <i>latum</i>)	6334
10	"	<i>dejectum</i>	6335
11, 12	"	<i>atigerum</i> v. <i>Nyssa</i>	6336, 6329
13	"	"	6325
14	"	<i>omnitricum</i> f.	6321
15	"	" v. <i>omnitricum</i>	6340
16	"	" f.	6339

18	Staur. arabicum v. glabrum n. v.	6338, 6486
19	" elevatum	6487
20	" inflatuscalum n. sp.	5910
21	" tohopusalpinse v. trifurcata (fac. 4)	5908
22	" Lindae n. sp.	6337
23-27	" leptochadensis	6327

— 0 —

Explanation of the plates.

- 1 *Closterium acutum* v. *latius* Gbl 6503 a,b,
 2 " *abruptum* v. *africanum* F. & R. f. *angustum* n.f. 6497
 3 " *turgidum* v. *borgei* Defl. 6439
 4 *Pleurotaenium minutum* v. *elongatum* 6313
 5 " *baculoides* (R. & B.) Playf. 6235
 6 " *trabecula* v. *elongatum* Scott fig A
 7 " " v. *maximum* 6236
 8 " *gloriosum* (Turn.) W. & W. Scott fig AA
 9 " *cylindricum* v. *stuhlmanii* (Hier.) Krieg 6837
 10 " *subcoronulatum* v. *africanum* Scott fig B
 11 " *wallichianum* 6239
 12 *Euastrum praemorsum* v. *simplicius* n. var. 6304
 13 " *evolutum* v. *integrius* f. 6241
 14 " *oculatum* Börges. f. ~~6488~~ Scott fig C
 15 " *pseudoboldtii* f. 6488
 16 " *elegans* v. *compactum* f. 6344 (6615)
 17 " *divaricatum* v. *ugandae* 6242
 18 " *truncatiforme* 6243
 19 " *subcrassum* 6244
 20 " *substellatum* Scott fig D
 21 " *sphyroides* f. Scott fig E
 22 " " f. 6245
 23 " *lindae* n. sp. 6247, 6246
 24 *Micrasterias pinnatifida* f. 6248a,b,
 25 " *decudentata?* *zeylanica?* 6249
 26 " *zeylanica* 6251
 27,28 " " f. 6250, 6252
 29 " *crux-melitensis* f. *minor* 6258
 30 " *radians* f. 6284
 31 " *radians* f. 6584b
 32 " *ambadiensis* f. *latiloba* 6259
 33 *Cosmarium* (*Actinotaenium*) *lanceolatum* f. *turgidum* n.f. 6399
 34 " (") *curtum* v. *latius* n. var. 6609
 35 " (") " f. 6261
 36 " (") *moniliforme* 6311
 37 " (") *moniliforme* v. *subpyriforme* 6605
 38 " (") *curtum* f. Scott fig. F
 39 " *zonatum* v. *angustum* Gbl & Sc Scott fig G
 40 " *pseudoconnatum* 6308
 41,42" *connatum* v. *africanum* 6317, 6496
 43,44" *lobatum* 6285 a,b,
 45 " ?*contractum* v. *papillatum* W. & W. Scott fig H
 46 " *lobatum* Scott fig I
 47 " *coctractum* v. *ellipsoideum* (?) Scott fig J
 48 " *subauriculatum* W. & W. 6606
 49 " *maximum* (Börges.) W. & W. Scott fig 6264
 50 " *permaculatum* Gbl & Sc 6264
 51,52" *medioscrobiculatum* W & W v. *egranulatum* Gutw. 6346, 6614?
 53 " *pseudonitidulum* v. *angustisthmium* 6598
 54 " *regulare* Scott fig L
 55 " *granatum* v. *pyramidale* (Schm.) Gr & Sc 6266, Scott fig M
 56 " *hammeri* v. *schmidlei* 6441
 57 " *pyramidatum* f. Scott N
 58 " *protuberans* f. 6495
 59 " *quadratum* v. *applanatum* Insam & Krieg.
 60 " *tenue* f. *tumidum*, n.f. 6603
 61 " *regnellii* v. *chondrophorum* Skuja 6621
 62 " " v. *regnellii* 6505
 63 " sp. - (cf. *Bahr-el-Ghazal* fig 7002) 6608

- 64 " *tithophorum* Nordst. 6269
 65 " *phaseolus* Preb. v. *subbireme* Racib. Scott fig 0
 66 " *taxichondrum* v. *ornatum* W&W ? 6274
 67,68 " *kilimanense* 6276, Scott P
 69 " *pseudobroomei* 6597
 70 " *ordinatum* f. (cf *Börgeesen*) Scott Q
 71 " *subtholiforme* Racib. 6612
 72 " *paradoxum* Scott R
 73 " *mansangense* Scott S
 74 *Xanthidium* *subtrilobum* v. *inornatum* Skuja f. Scott T
 75 *Arthrodesmus* *mucronulatus* f. 6279b
 76 " *maximus* v. *latus* Sc. & Gbl (USA) 6282
 77 " " v. *africanus* n.var. 6616b
 78,79 " " " f. *obtusispinus* n.f. 6616a, 6283
 80 *Staurostrum* *orbiculare* v. *denticulatum* Nordst. (= *S. bidentatum* Gbl) 6305
 81 " *clepsydra* v. *obtusum* f. 6287
 82 " *coarctatum* v. *subcurtum* 6288
 83 " *mucronatum* f. 6289
 84 " *dickiei* v. *africanum* 6617
 85,86 " *wilgemanii* v. *maius* (=Ambadi) 6294, 6620
 87 " *polytrichum* v. *curvispinum* (?) 6295
 88 " *leptocladum* v. *cornutum* Scott U
 89 " *polymorphum* v. *divergens* 6500 (?), Scott V
 90 " *gracile* (?) f. 6602
 91 " *pinnatum* v. *subpinnatum* 6319
 92 " " " f. 6494
 93 " *cyclacanthum* Scott X
 94 " *subcyclacanthum* Scott Y
 95 " n.sp. ? Scott Z
 96 " *fuellbornei* (fac.5) 6596
 97 " *senarium* f. / = *S. florifoliatum* f., Ambadi 266-270/ 6309
 98 " *tohopekaligense* v. *robustum* Sc & Fr mscr Scott A
 99 " *quadricornutum* Scott A
 100 " *furcatum* f. 6300
 101 *Spaerozosma* *indicum* Turn. (?) 6302

Lake Victoria Plankton

- 1-2 *Closterium* *aciculare* v. *subpronum* 6322a,b,
 3-4 *Cosmarium* *depressum* 6326, 6330
 5 " *contractum* v. *ellipsoideum* 6330
 6 " *moniliforme* v. *panduriforme* 6331
 7 *Staurostrum* *coarctatum* v. *subcurtum* f. *majus* 6332
 8 " *cuspidatum* 6333
 9 " *corniculatum* (f. *latum*) 6334
 10 " *dejectum* 6335
 11,12 " *setigerum* v. *nyassae* 6336, 6329
 13 " - 6325
 14 " *limneticum* f. 6321
 15 " " var. *limneticum* 6340
 16 " " f.
 17,18 " *anatinum* v. *glattrum* n.v. 6338, 6486
 19 " *excavatum* 6487
 20 " *inflatusculum* n.sp. 5910
 21 " *tohopekaligense* v. *trifurcatum* (fac.4) 5908
 22 " *lindae* n.sp. 6337
 23-27 " *leptocladum* 6327

E. Africa lake Victoria 3/50 4/52 by S.M. Linder

~~acutifolius v. subperennis~~
~~Clatensis~~ c. linn 6322

~~Cornia dipetala~~ (6326 c. linn
6330)

~~Contracta~~ c. linn 6330 f
- " - c. linn 6330 c

~~moniliformis v. panderiformis~~ c. linn 6331

~~paradoxa v. longifolia~~
~~panderiana v. parviflora~~
Staur c. linn 6324 of S. muticum

~~caerulescens v. subnitens~~ var. c. linn 6332

~~caespitosa~~ c. linn 6333

~~ceriseolita~~ v. spica (var. 17) c. linn 6334

~~deflexa~~ c. linn 6335

~~setigerum v. argentea~~ c. linn 6329, 6336

1/2 6328 c. linn 6338

1/2 6325

1/2 6341

1/2 6333, 6339 c. linn

~~limbatum~~ var. ? 6321

~~limbatum~~ 6342

sp. c. linn 5910

~~Zobopetalum~~ var. 4 angulatum c. linn 5914

1/2 6337

~~tripleatum~~ var. 6337 & 5909

Succisa 6484

1/2 6486

Uganda 1957

N:3

Author: Conyza - com (2 invars)

Cormor: Home ? ccc

marginifera ? (sub com in U)

conyza

conyza - elongata

kanoni ? f =

Have lytle chelon conyza sp of low alt alt

v. conyza alt, alt

topogon sp (topogon sp) [near kanoni]

flora com

conyza com

conyza - kanoni

in alt sp

mic kanoni com - ccc

mic kanoni

Algebra 2/1954

~~Conium maculatum~~

~~Panicum?~~

~~nitida - in aqua regia?~~

~~q. c. l. m.~~

~~q. - c. l. m.~~

~~q. - c. l. m.~~

~~in unguento~~

~~Phytol~~

~~Nymphaea om. om.~~

~~-~~

~~Aristida c. l. m.~~

~~Psidium c. l. m.~~

~~Clat. p. m. - ampullae~~
~~l. m. c.~~
~~q. m. c. l. m.~~

~~H. m. c. q. m. c. l. m.~~
~~m. c. l. m. c. l. m. c. l. m. c. l. m.~~
~~o. l. m. c. l. m. c. l. m. c. l. m.~~

~~Microrh. - c. l. m.~~
~~de quibus c. l. m.~~
~~in unguento c. l. m.~~
~~in unguento c. l. m.~~

~~Eucalyptus c. l. m.~~

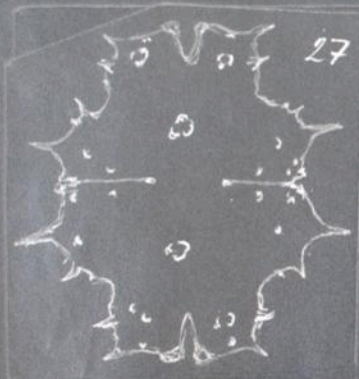
~~Almond c. l. m.~~

Fossilium

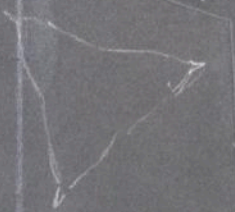
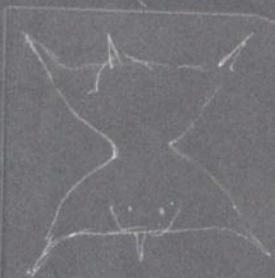
Don't know where this
belongs, but probably ~~it~~
the figures will be ~~on~~
one of the inked plates
drawn by Miss Tikhonov

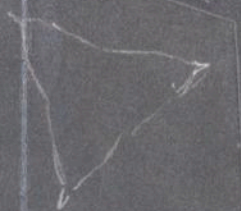
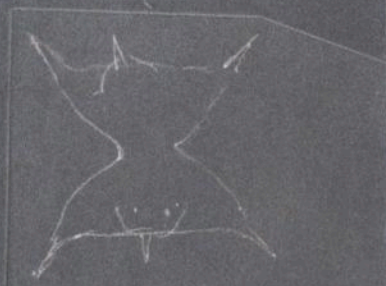
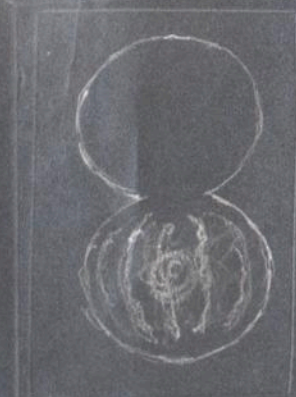
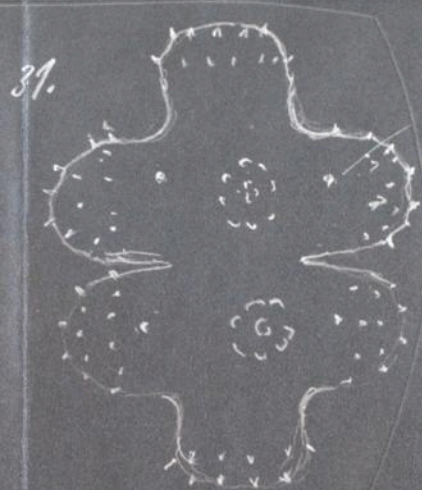
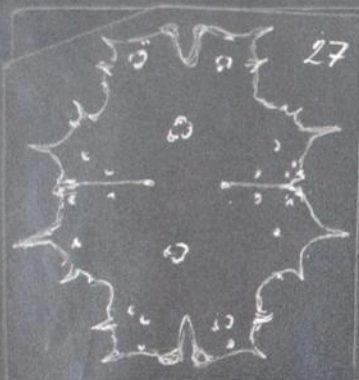
Scott
Nov 20/62

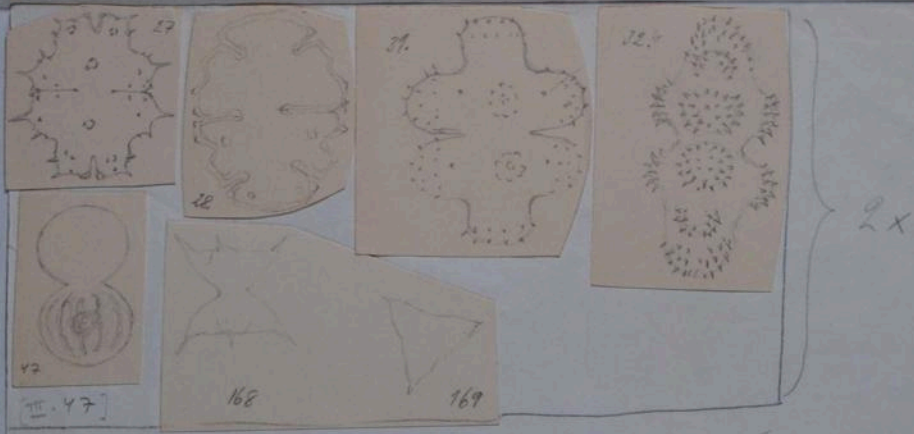
These are in spirit of the ...
of the ...
of the ...



32.







[II. 47]

2x

Inurene taan pitens
2x, mis pink-ala. 4x.

- 1) 7115 *Eucalyptus* *plethyraea* var. *obtusius* n. sp.?
- 2) 7122 *Cas* *divergens* v. *rhodesiae*
- 3) 7112^b *Eu.* *spinulosum* x *africana* v. *duplex* minor 1/2 n
- 4) 7112^c *Eu.* *spinulosum* v. *africana*?
- 5) 7105 " " "
- 6) 7123 *Eu* *truncatiforme*
- 7) 7120 " "
- 8) 7110 *Eu.* *dubium* v. *tritum*?
- 9) 7124 *Mica* *Zeylanica*
- 10) — *Cosm* *Zonatum* f.
- 11) 7119 *C.* *comatum* f
- 12) 7113 *Cosm.* —
- 13) 7106 " —
- 14) 7111 " *pseudosulcatum*
- 15) 7104 " *capense* v. *nyassae*
- 16) 7122 " *perforatum*
- 17) 7117 " *pseudonitidum* v. *angustisternum*
- 18) 7103 " *subauriculatum*
- 19) 7102 " *monodit*
- 20) 7121 " *Hell* ^{*sergii*} ~~*sergii*~~
- 21) 7118 " *venustum* f.
- 22) 7124 } " *beatum*
- 23) 7127^c }
- 24) 7127 " *trichypleum* v. *spinosum*

- 25) 7126 *C. pseudobronnei*
 26) — *C. condensum*
 27) 7125 *C. binum* f?
 28) 7121 { *C. Arnoldi* v. *Andri. Ste.*
 29) 7127 }
 20) 7116[±] *Smithii* v. *brunneum*
 31) 7128 *Ham* arterias

Uganda

Pl. I

- 1 *Closterium acutum* var. *latius* Griseb. 775/1
- 2 " *abruptum* v. *africanum* F & R. f. *angustum* n. f. 773/1
- 3 " *parvulum* v. *angustum* 445/1
- 4 " *turgidum* v. *borgii* Depl. 265/1
- 5-6 *Neurospora minuta* v. *elongatum* 445/1
- 7 " *haculoides* (Riz, Bin) Planf. 265/1
- 8 " *trabecula* (Chr) Nög. v. *elongatum* Coderge (Se)