

UNIVERSITY OF TORONTO



3 1761 00845380 5

PALÉONTOLOGIE FRANÇAISE

СЕРИЯ А

Orbigny, Alcide Dessalines

PALÉONTOLOGIE FRANÇAISE

OU

DESCRIPTION

DES FOSSILES DE LA FRANCE

continué

PAR UNE RÉUNION DE PALÉONTOLOGISTES

SOUS

LA DIRECTION D'UN COMITÉ SPÉCIAL

2^e Série. — VÉGÉTAUX

PLANTES JURASSIQUES

PAR

Le marquis DE SAPORTA

TOME IV

TYPES PROANGIOSPERMIQUES

et

SUPPLÉMENT FINAL

ATLAS

PARIS

G. MASSON, ÉDITEUR

LIBRAIRE DE L'ACADÉMIE DE MÉDECINE

120, Boulevard Saint-Germain, en face de l'École de Médecine

1891

34932
17/7/94.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

WATER RESOURCES DIVISION

WATER RESOURCES DIVISION

QE

755

F8

07

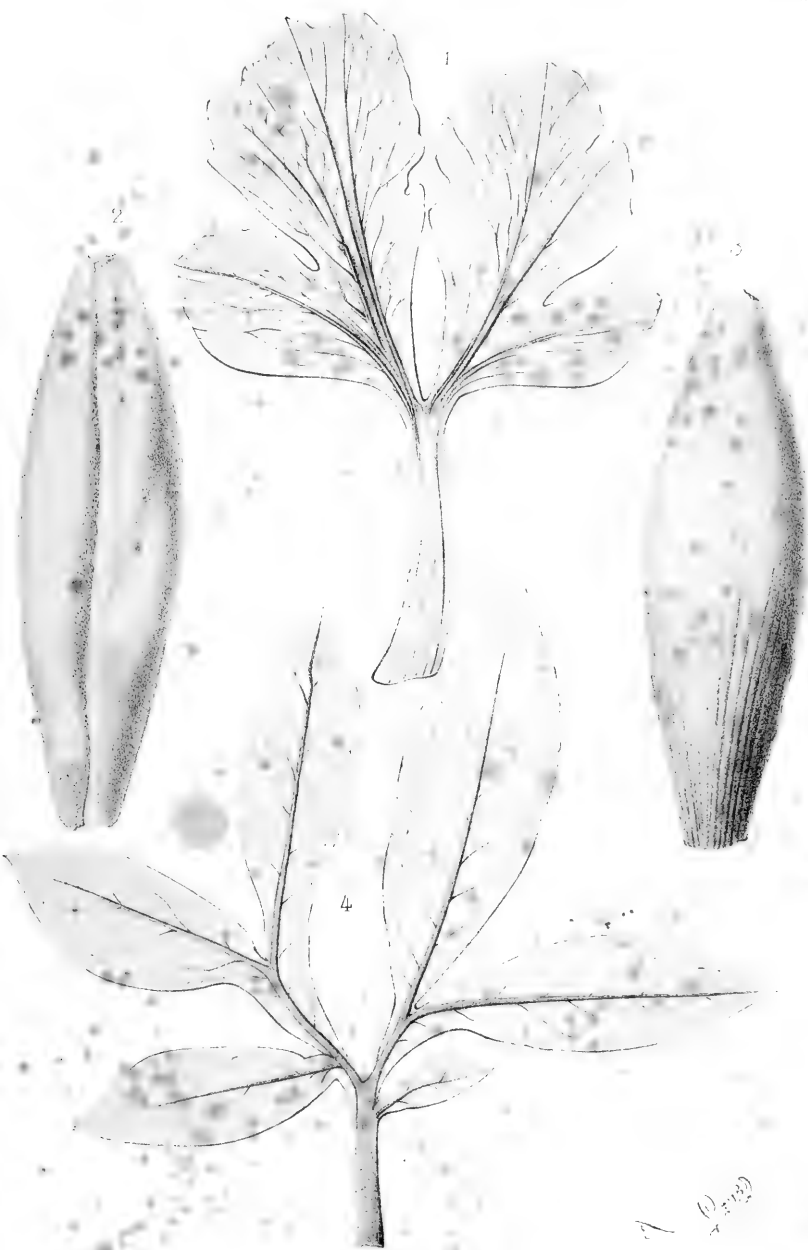
Sect. B

2. Ser.

t. 4

ATLAS

Handwritten scribble or signature, possibly containing the number 15/01.



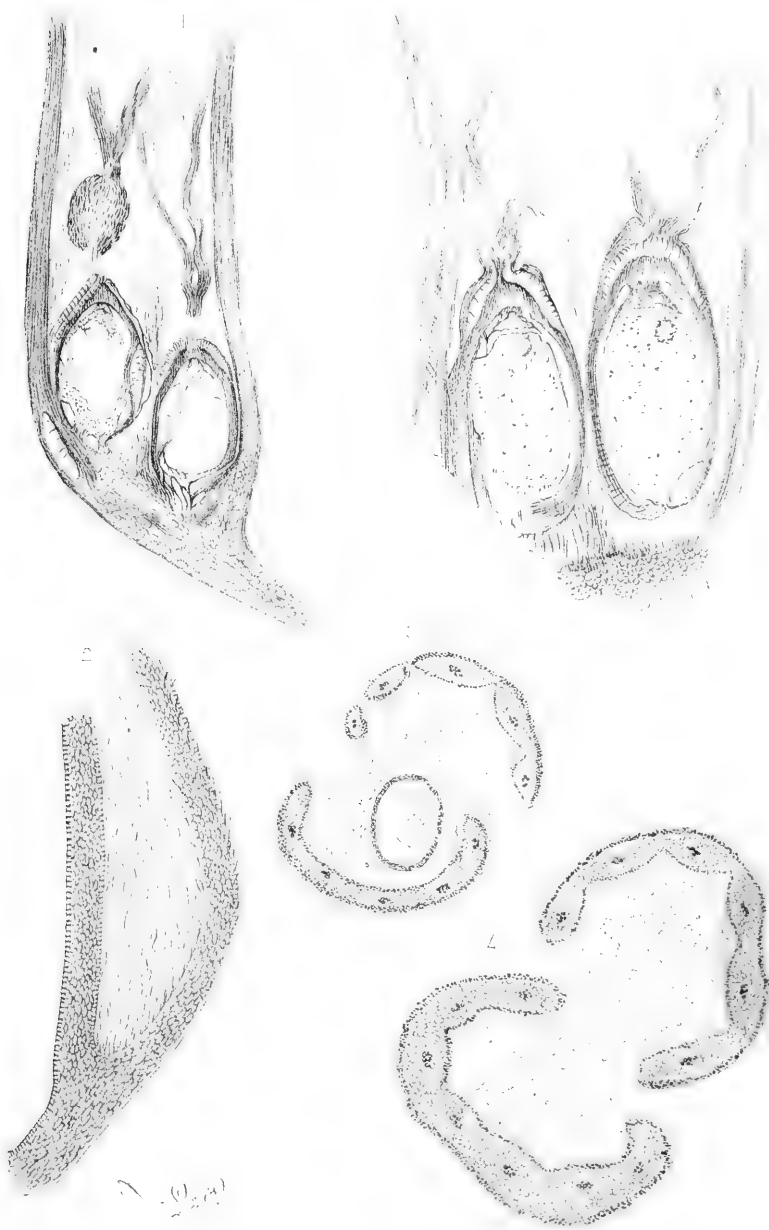
A Leuba lith.

G. Masson, Editeur.

Imp. Lemercier et C^o Paris.

- 1 *Dichoneron*. Hookeri, Sap.
2-3. *Aroides palæospathæ*, Kut.
4. *Amorphophallus* (espèce vivante).





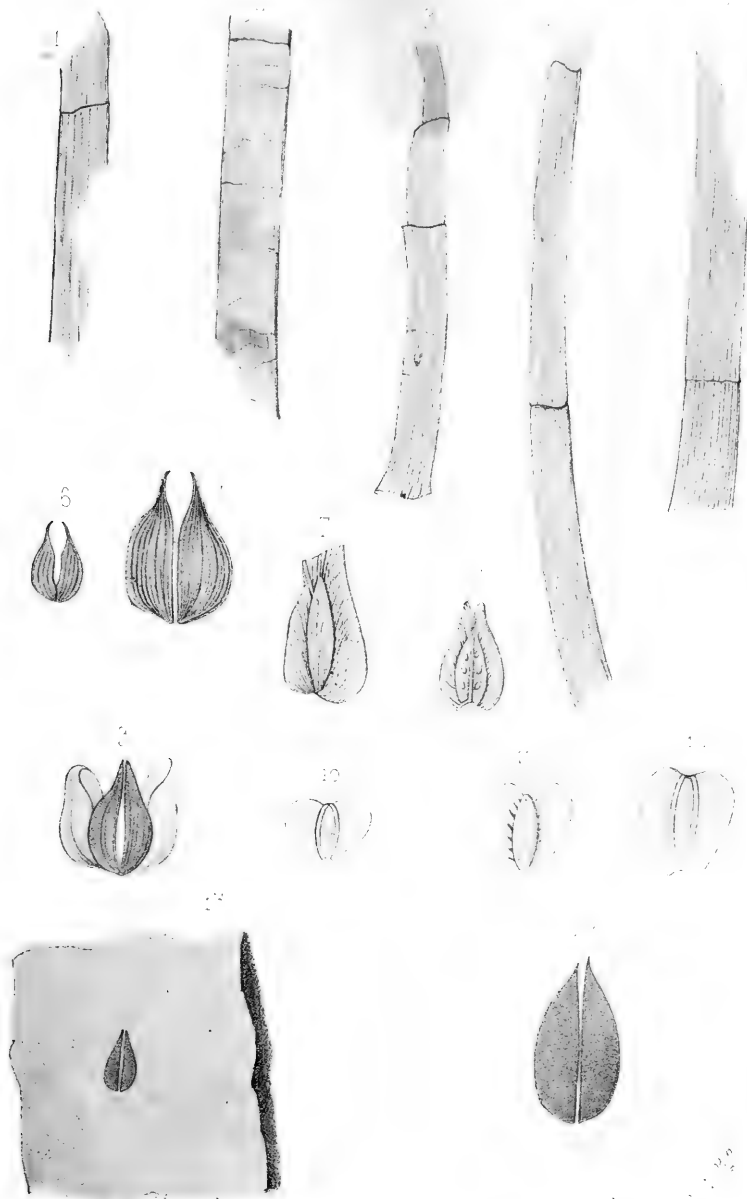
A. Leuba lith.

G. Masson, graveur

Imp. Lemercier, et C^{ie} Paris

1-5. *Gnetopsis elliptica*, R. et Z.





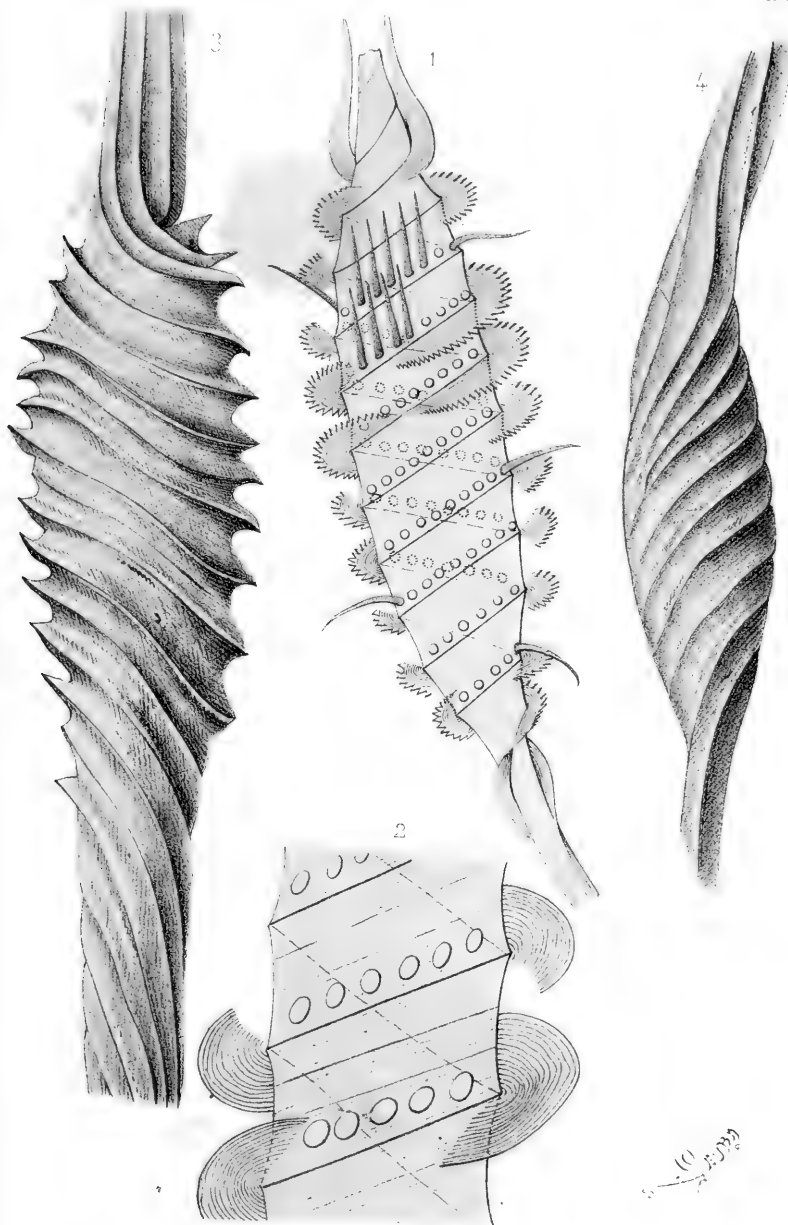
A Leuba lith.

G Masson Fondeur

Imo Lemerrier et Cie Paris

- 1-8. *Ephedrites antiquus*, Hr
- 9-12. *Ephedra alata*, (espèce vivante).
- 13. *Ephedrites armailensis*, Sap.

100
100



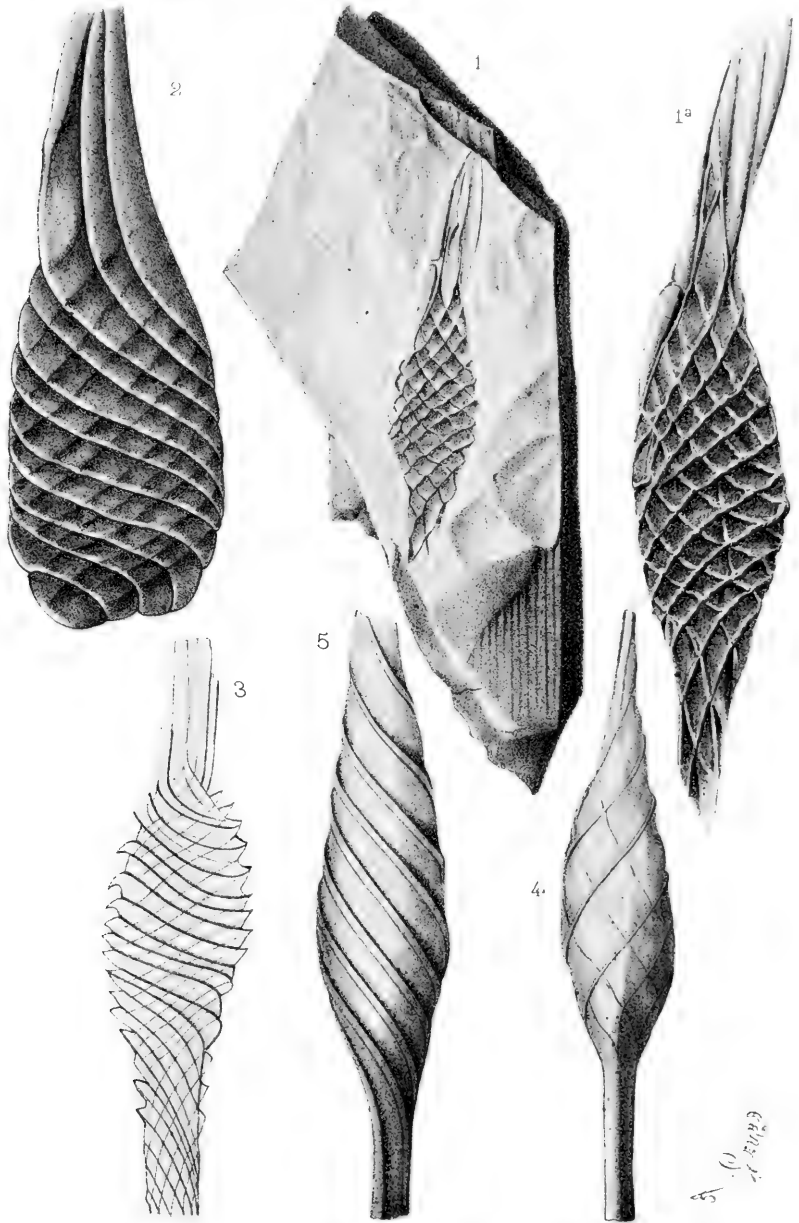
A. Leuba lith.

G. Masson, Editeur

Imp. Lemerrier et C^o Paris

1. *Fayolia dentata*, Ren. et Zeill.
2. *F. „ grandis*, Ren. et Zeill.
3. *Spirangium appendiculatum*, Lqx
4. *S. „ carbonarium*, Schimp.





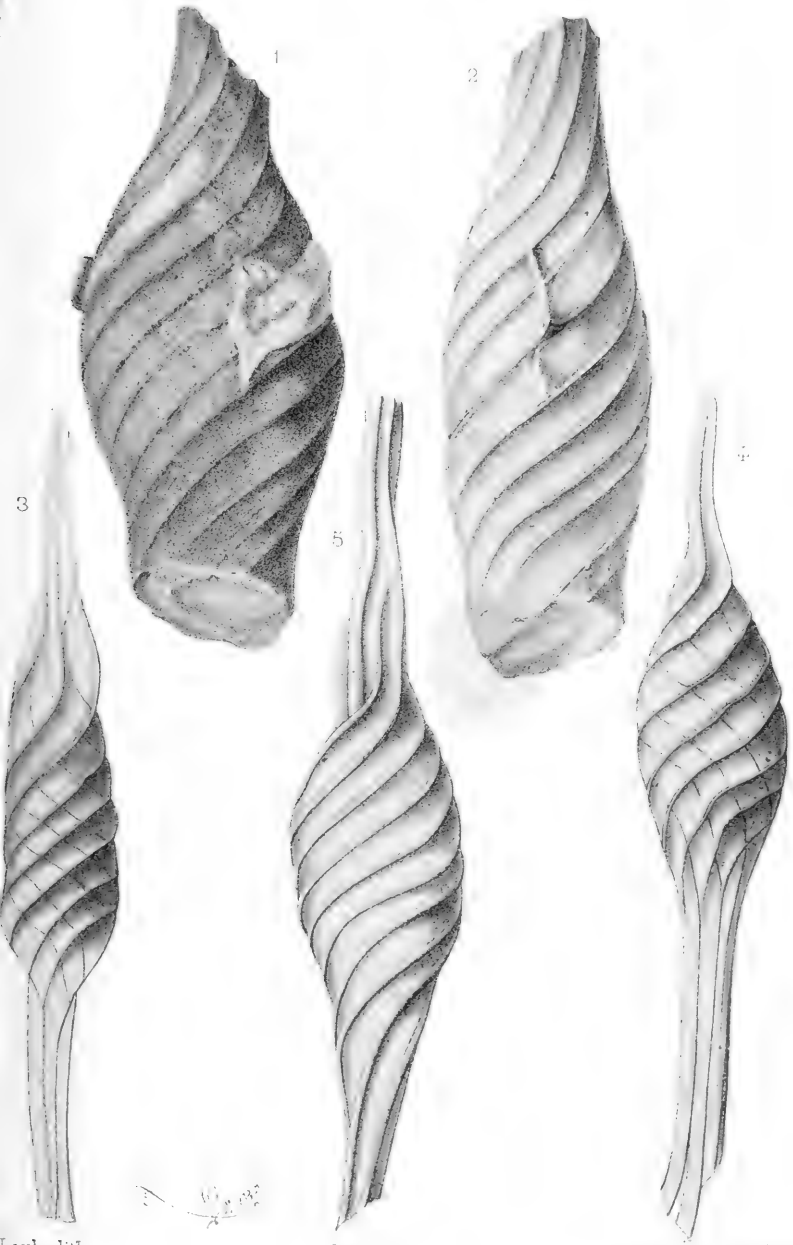
A. Leuba lith.

G. Masson éditeur

Imp. Lemercier & C^{ie} Paris

- 1-2 *Spirangium carbonarium* Schimp
 3 *S* _____ *appendiculatum*: l. qx
 4 *S* _____ *regulare* Schimp.
 5 *S* _____ *quenstedti* Schimp





Leuba lith.

G. Masson - Editeur

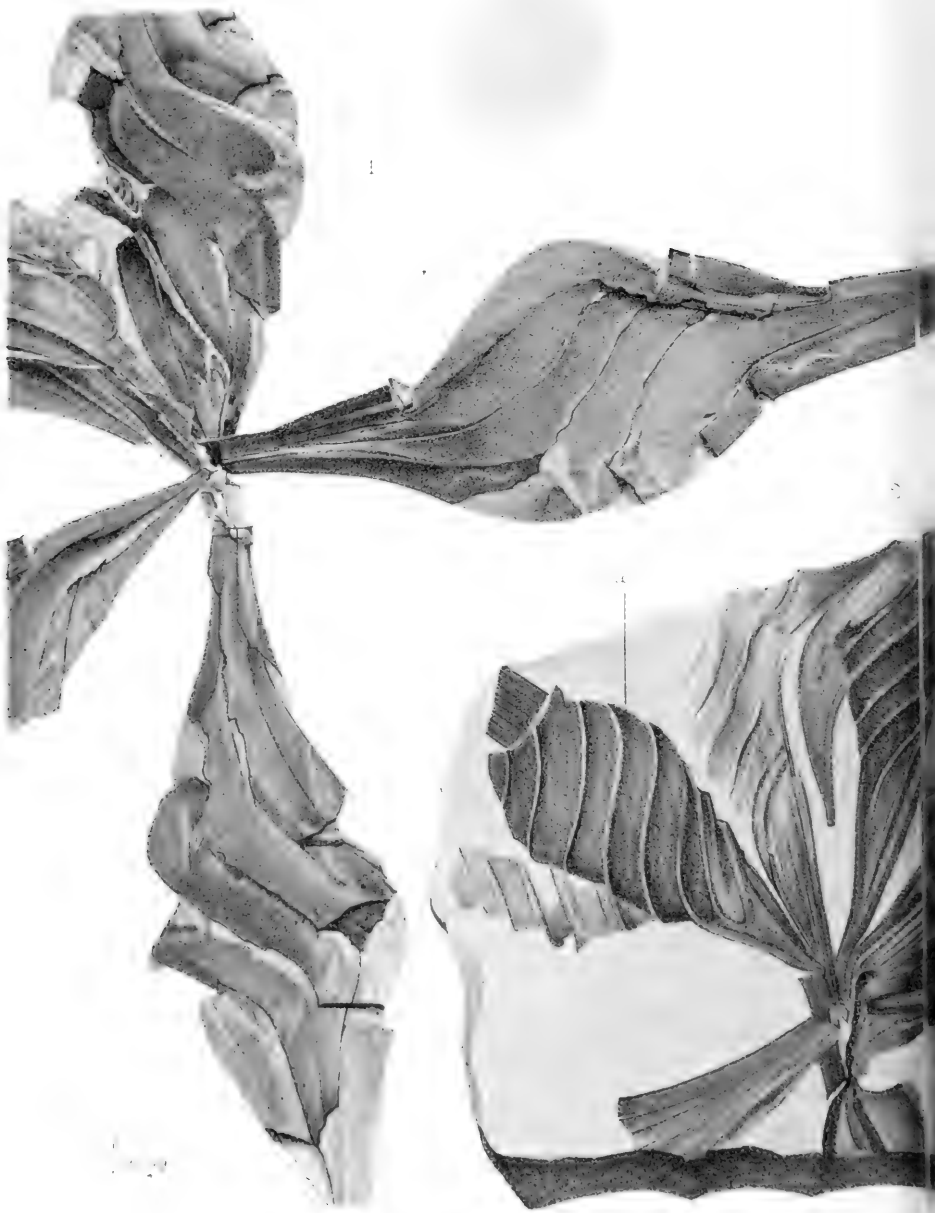
Imp. Lemercier & C^{ie} Paris

1-2. *Spirangium ventricosum* Sap.
3-5. *S. _____ Münsteri*. Schimp.





Jurassique Végétaux



G. Ma...

1.2. Spirangiu...



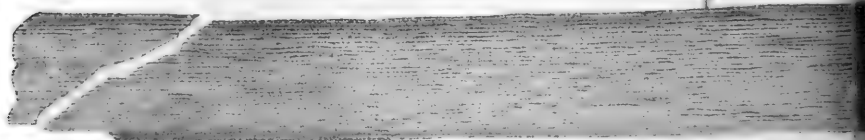
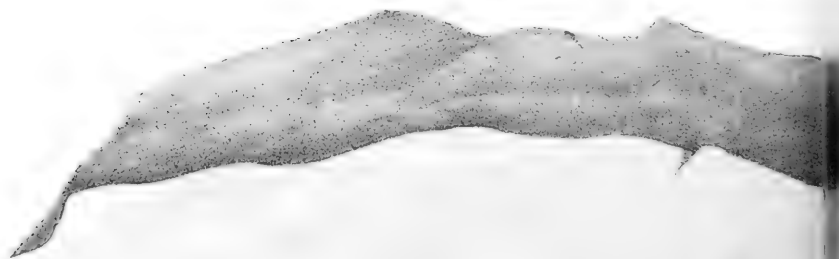
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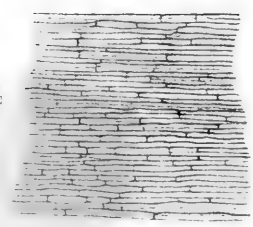
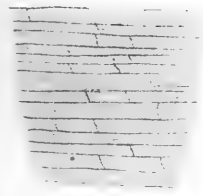
eri (Et) Schimp

Imp Lomercier & C^{ie} Paris









1005

- 6 Mason
1. *Prothymus*, Sapp.
 2. *Villous*, Sapp.
 3. *Williamson*, Sapp.

1005





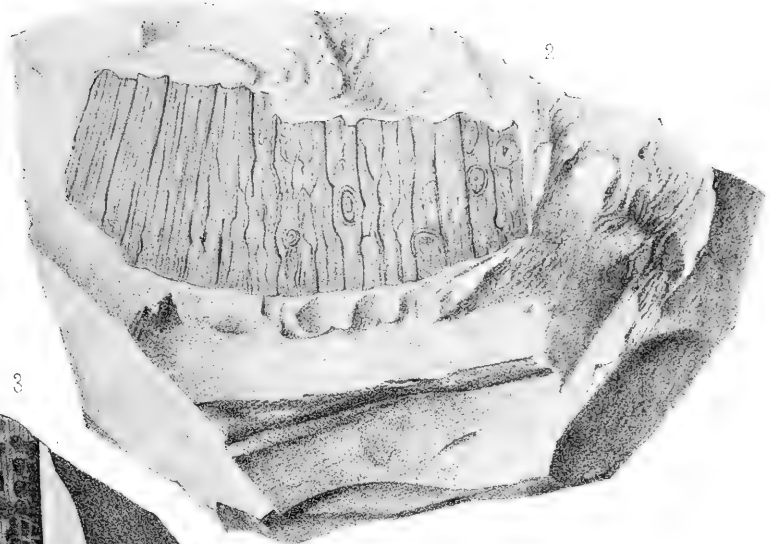








Vucitos
Caulomo
C...

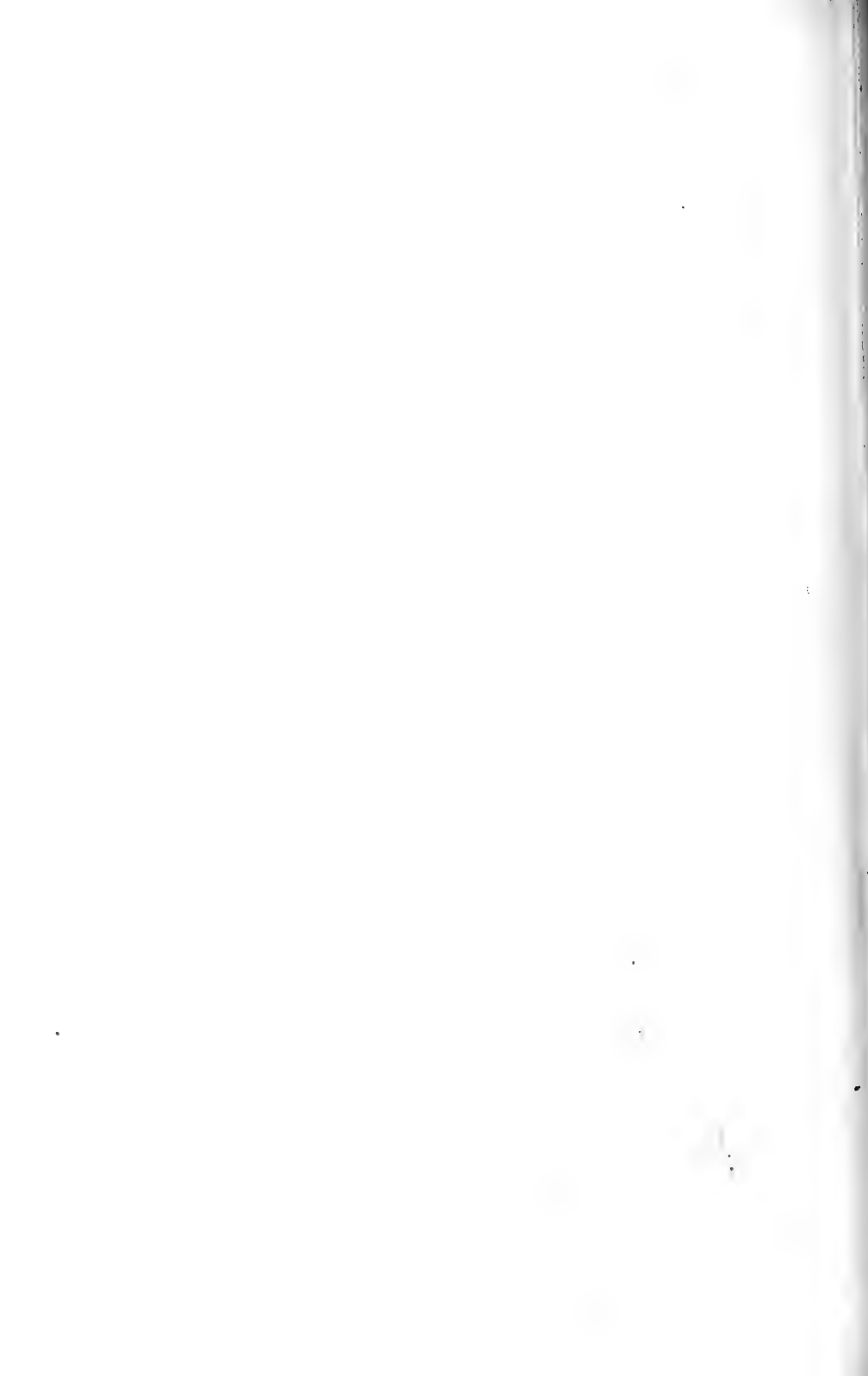


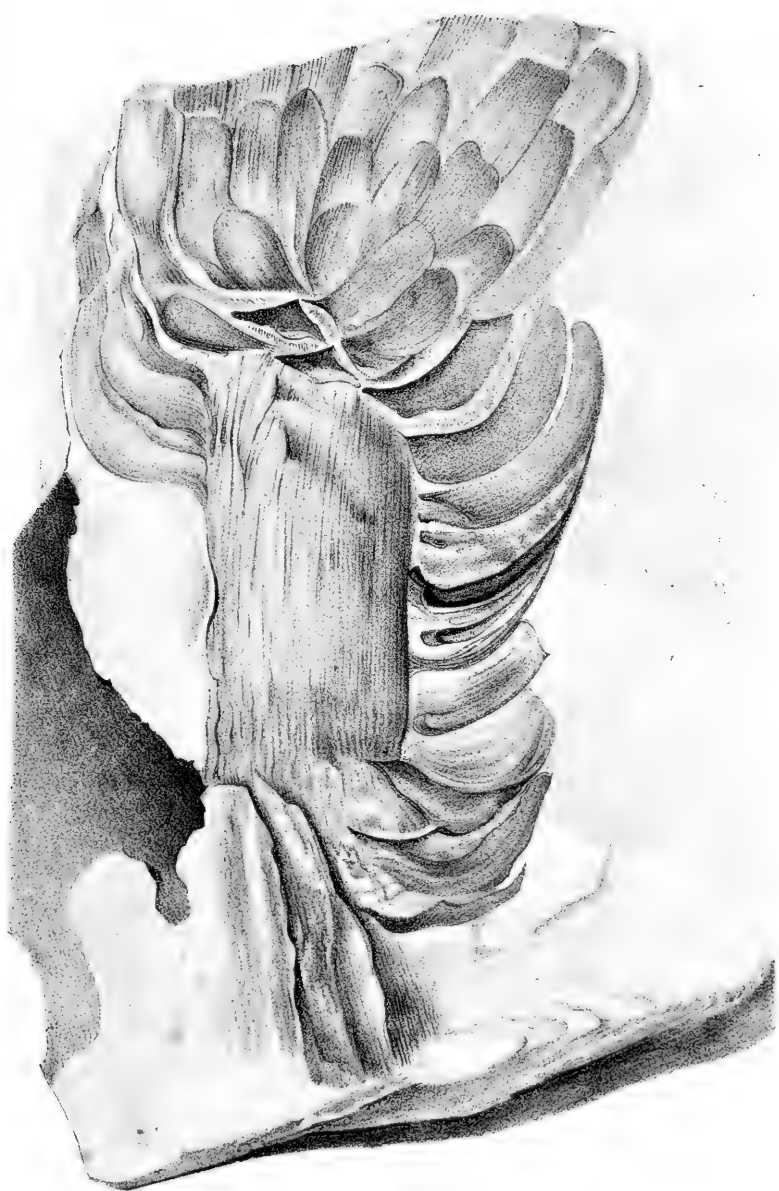
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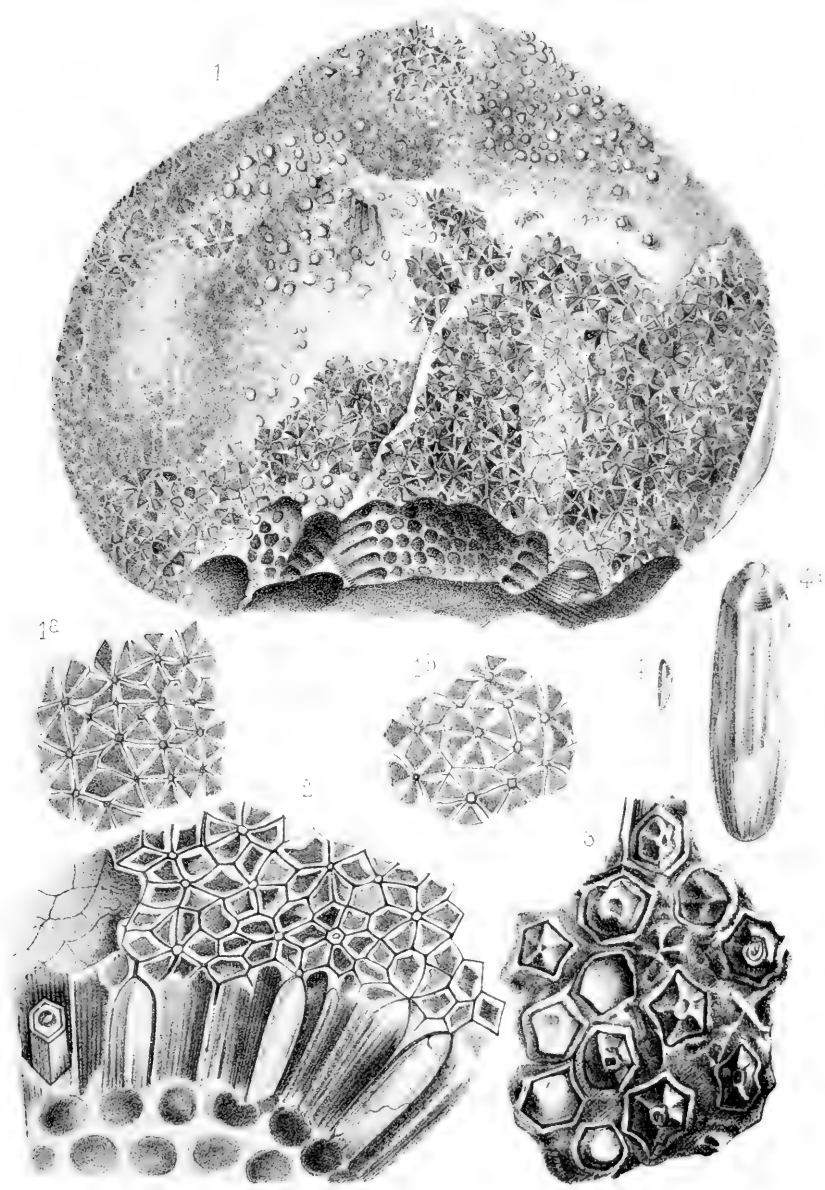
tel.
 dianus, Sap
 parci, Sap
 antusna, Sap

Int. v. 37 a s







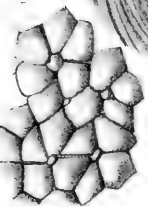
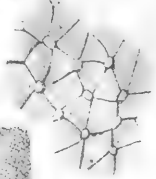
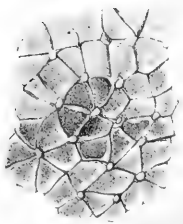
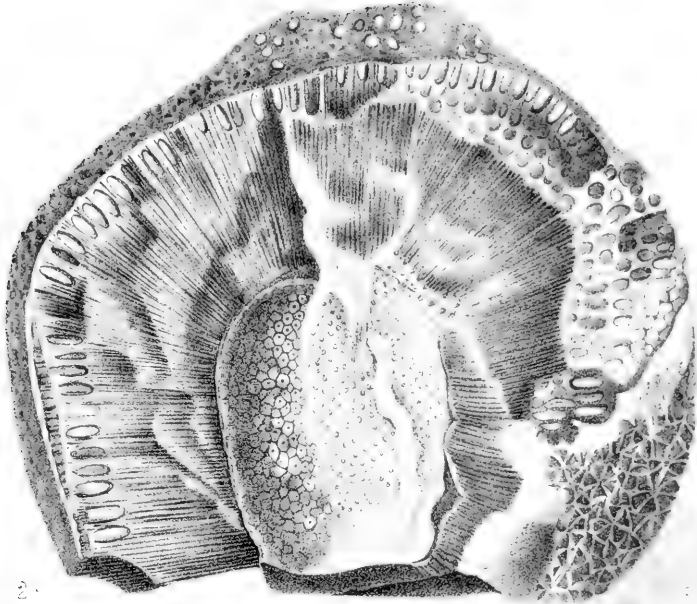


10a lith

G. Masson del.

and colored by Curtis

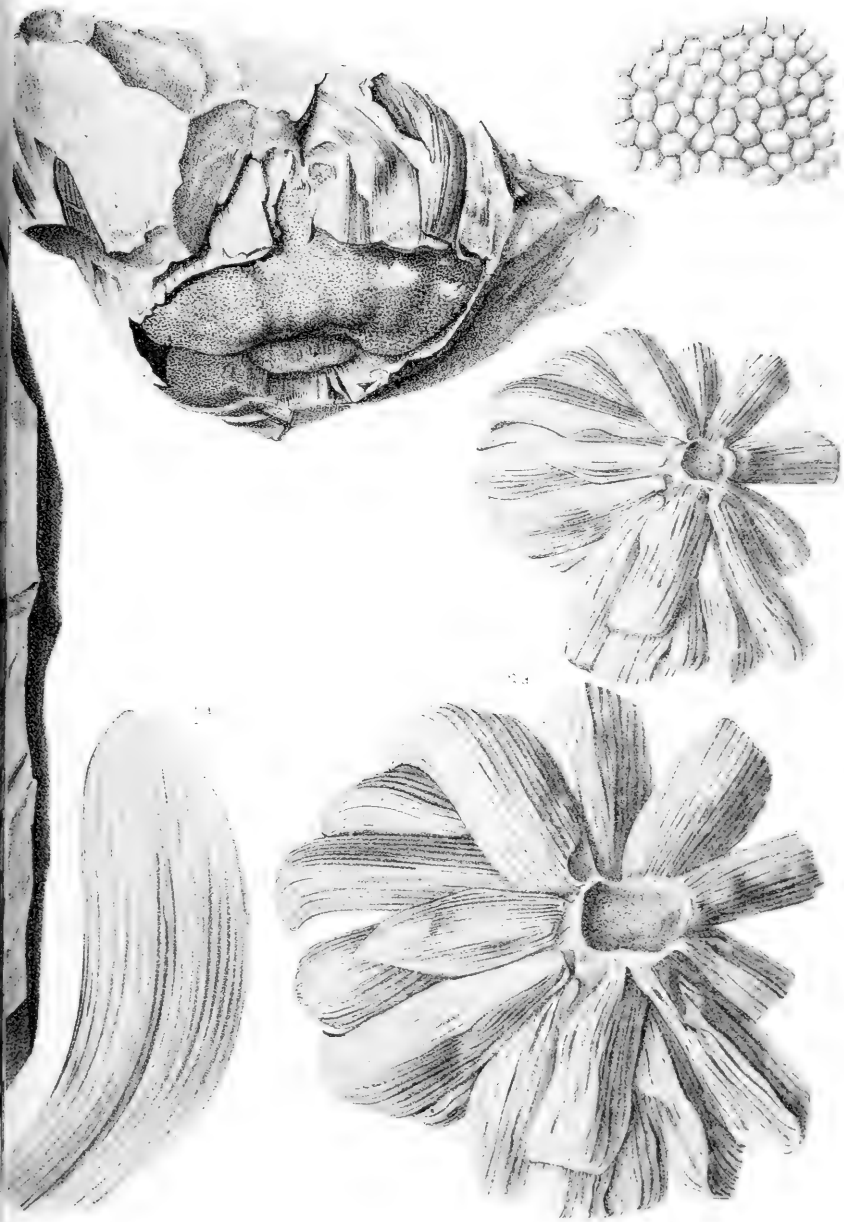
Williamsocna Buxlandi













Massalia *Boiss.*
Pl. 107

1870



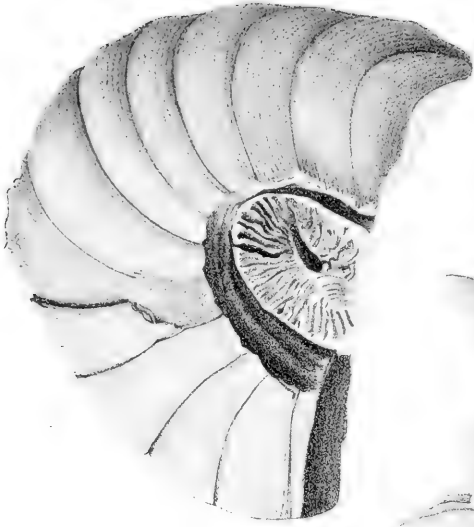
Leuba lith.

Massalia *Boiss.* *Pl. 107*
1870

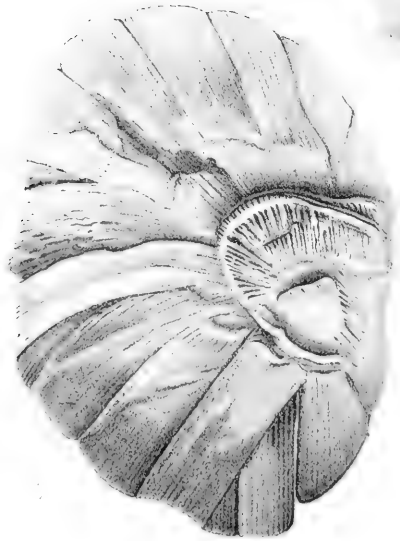




Troch. I.
Pl. III.



Massena, Zeller
Pl. CCXII



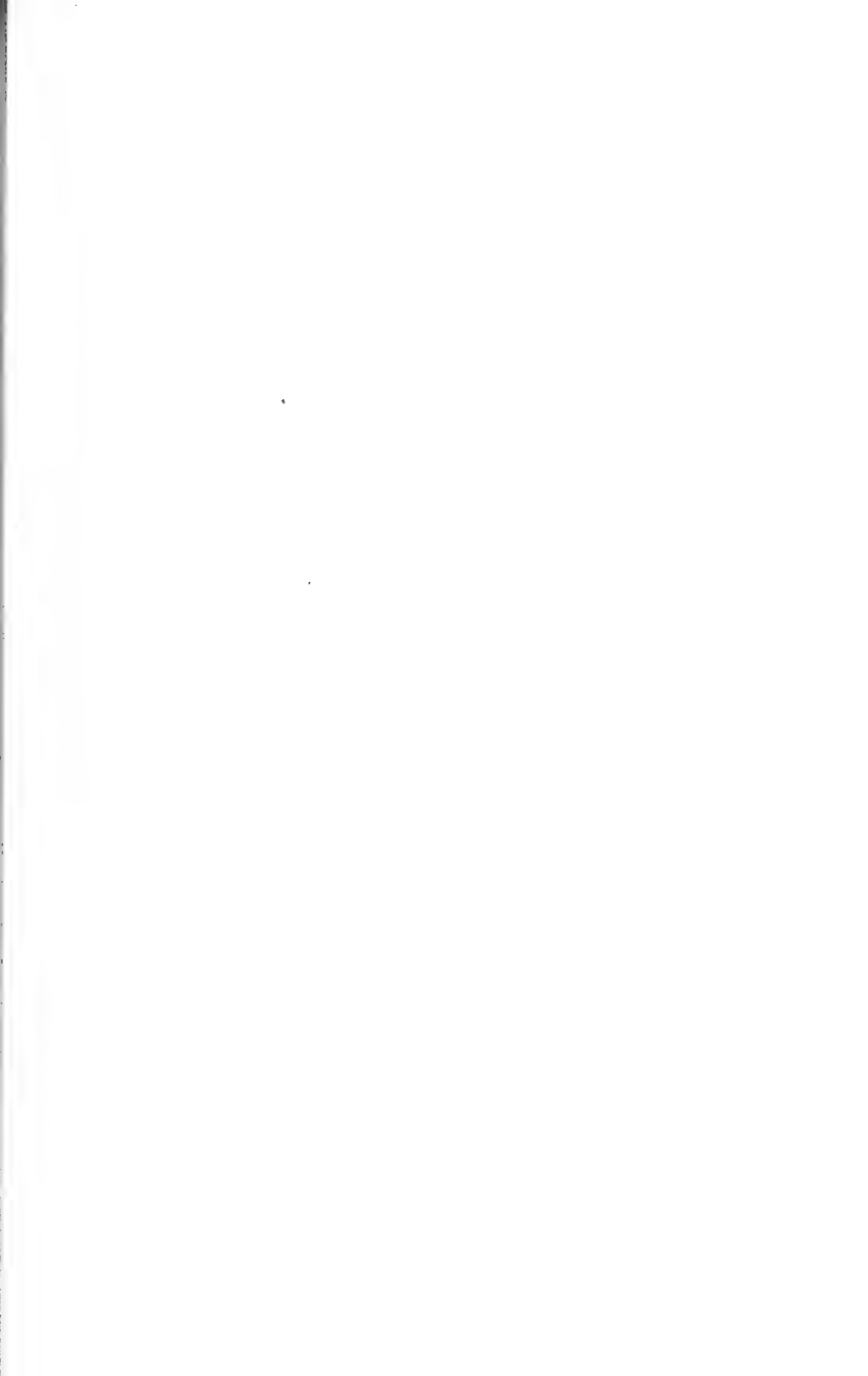


1864

Wass. n. l. 1864

1864





Jurassique Végétal
Pl. CCXIII.



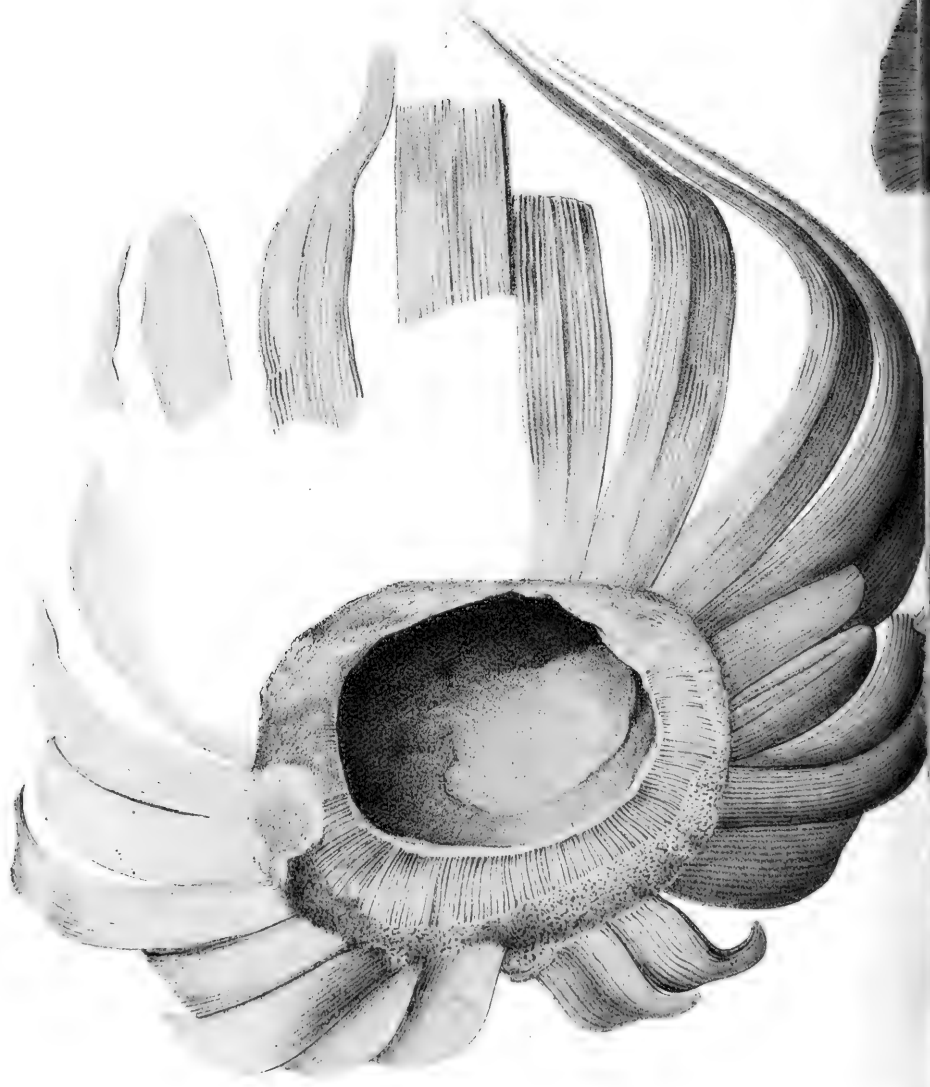
combe lith.

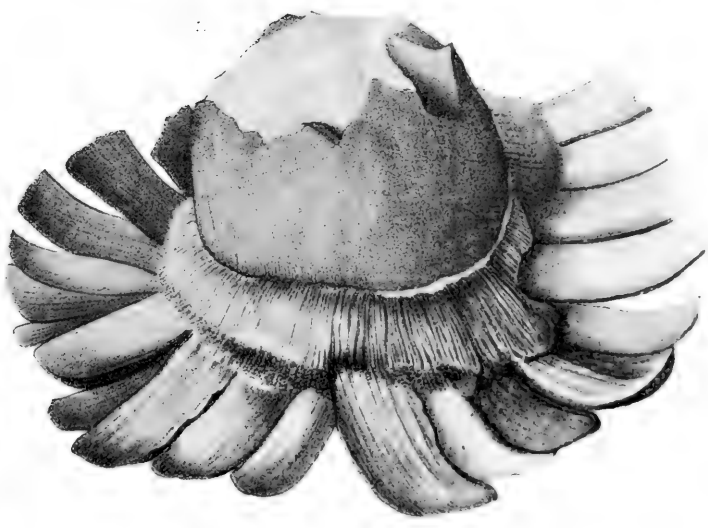
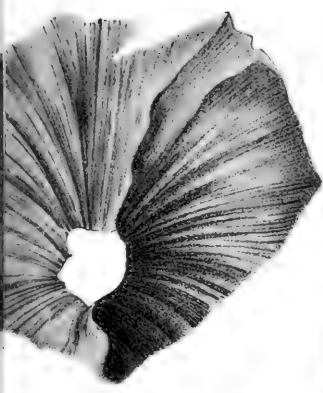
3 M
14. Williamson



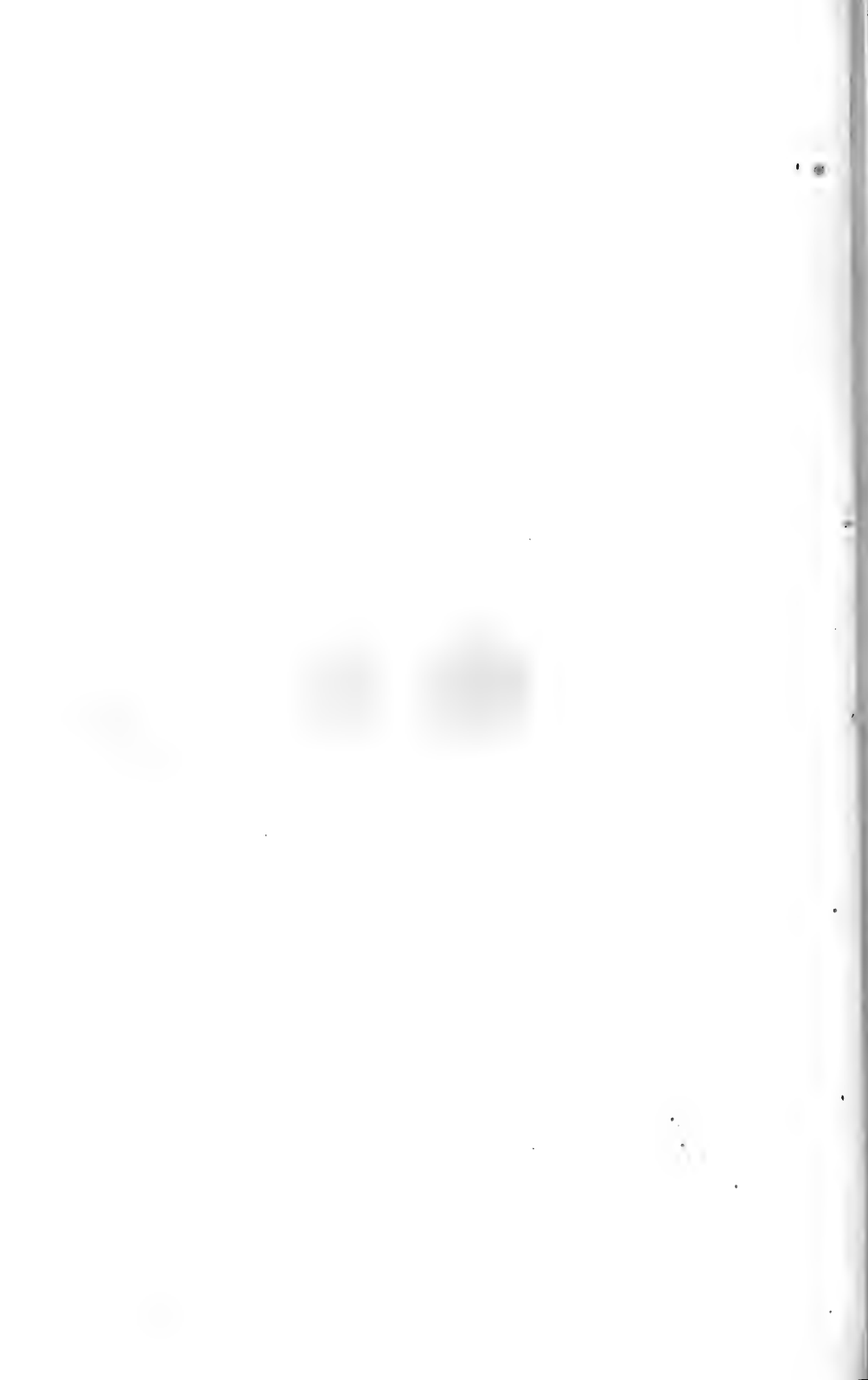
four
gas, Carre

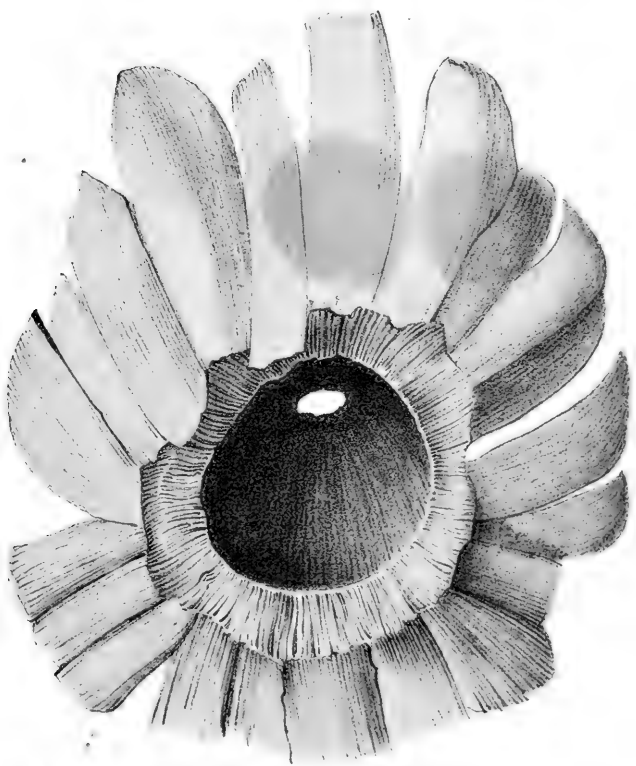
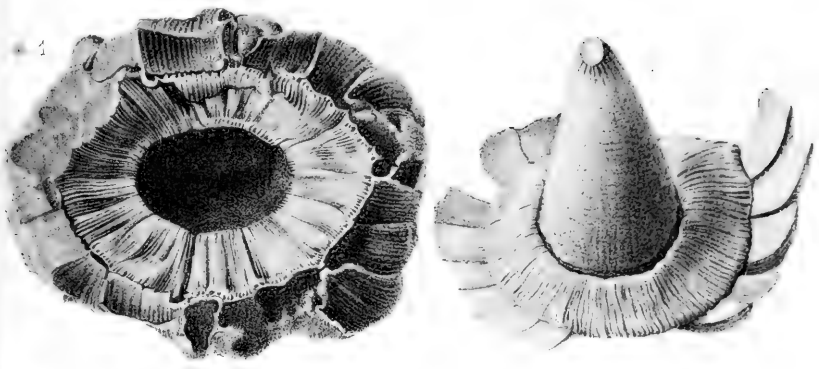






1.
a. gigas, Carruth.



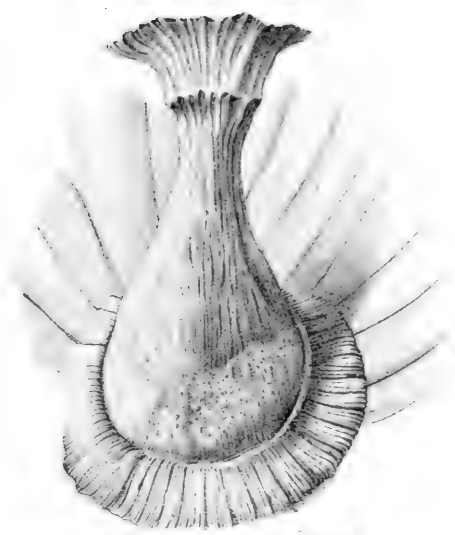






Vegetaux
CCXLVI

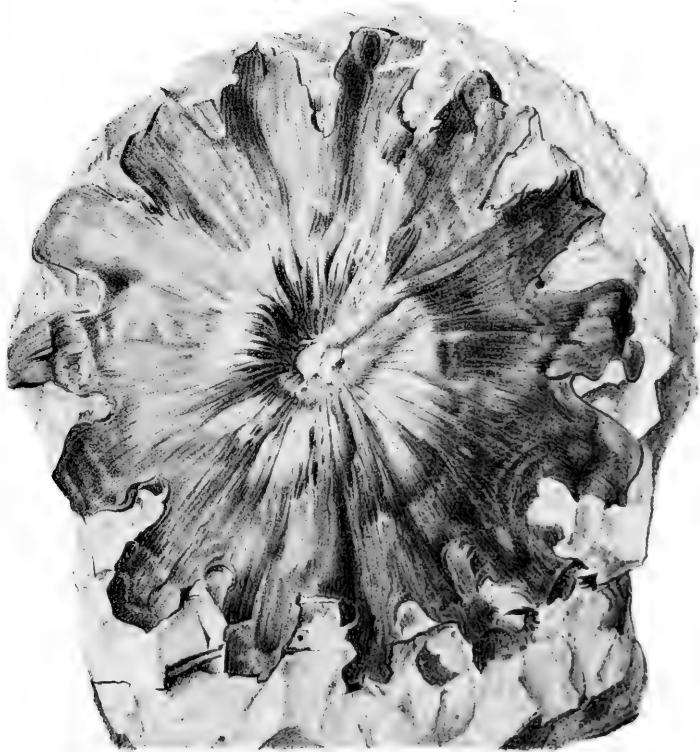






T. Jurassica, Vögel.

Pl. CCXLVII



Alaba lith.

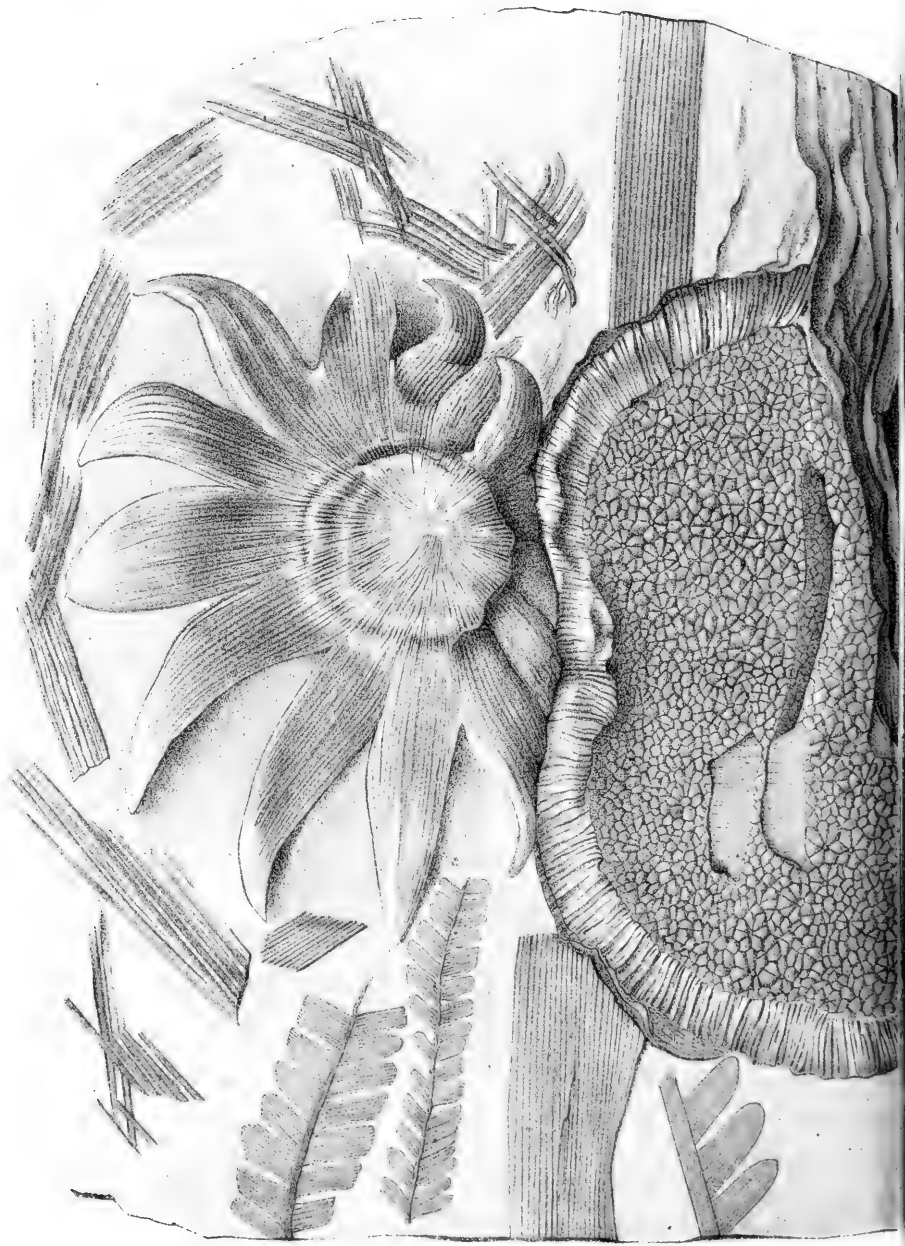
131

L2. *Williamsonia oigas*, Carr.



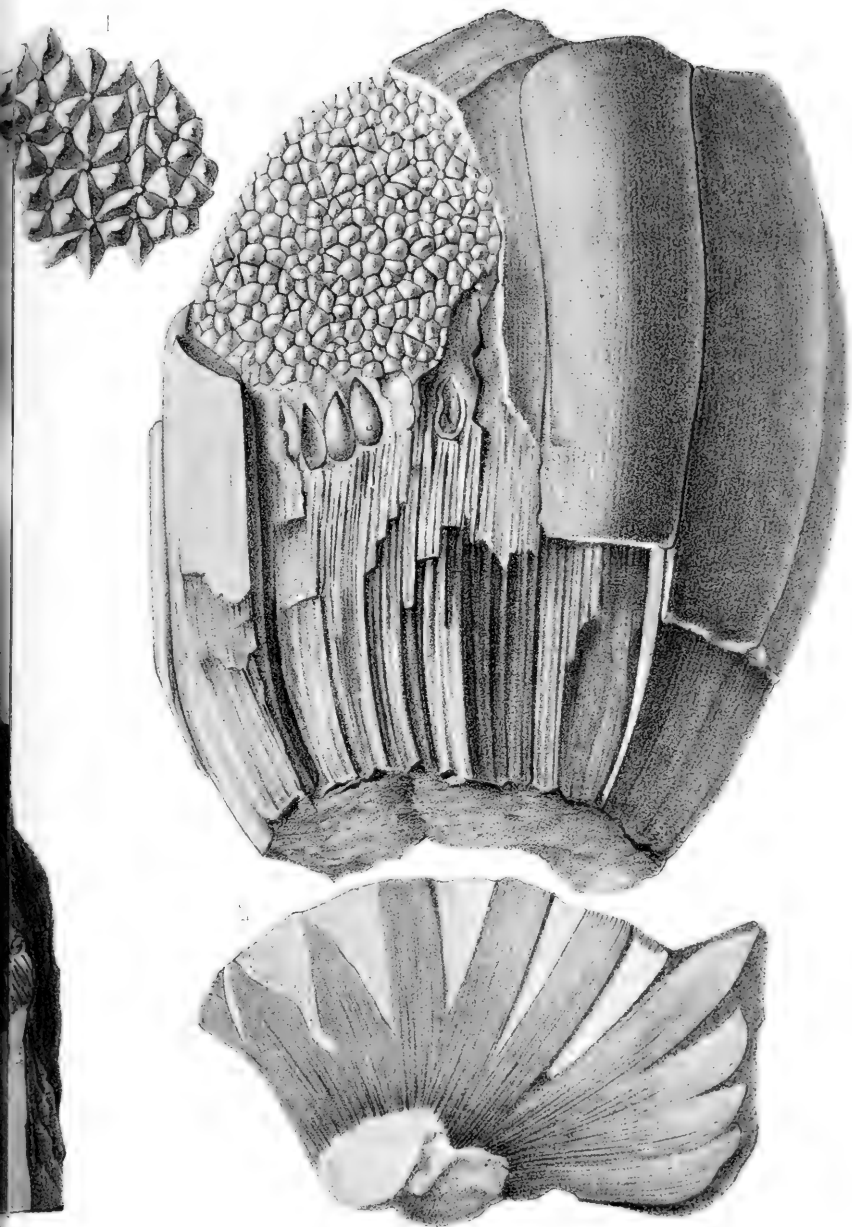


Agave
...



C. M.

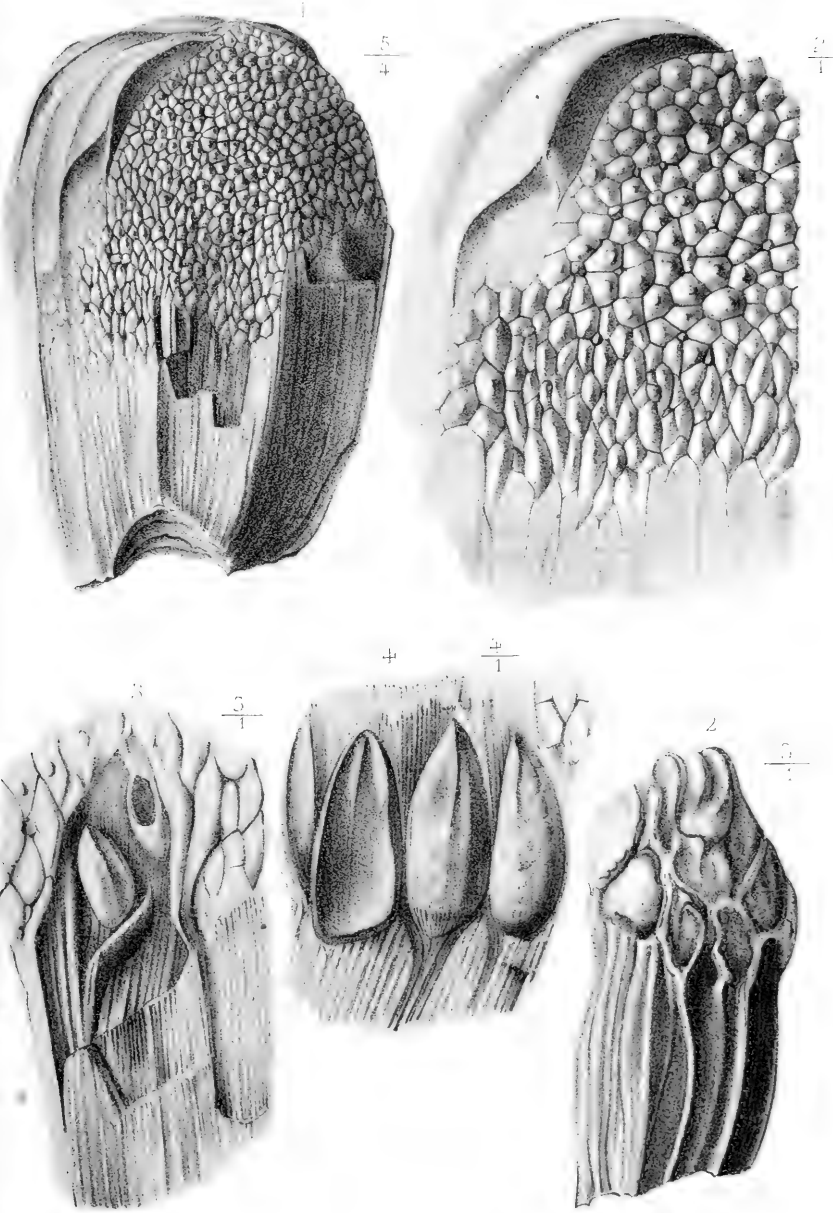
1. ? Wilms
3. W



120.

Lockemann del.
Moriere sculp.



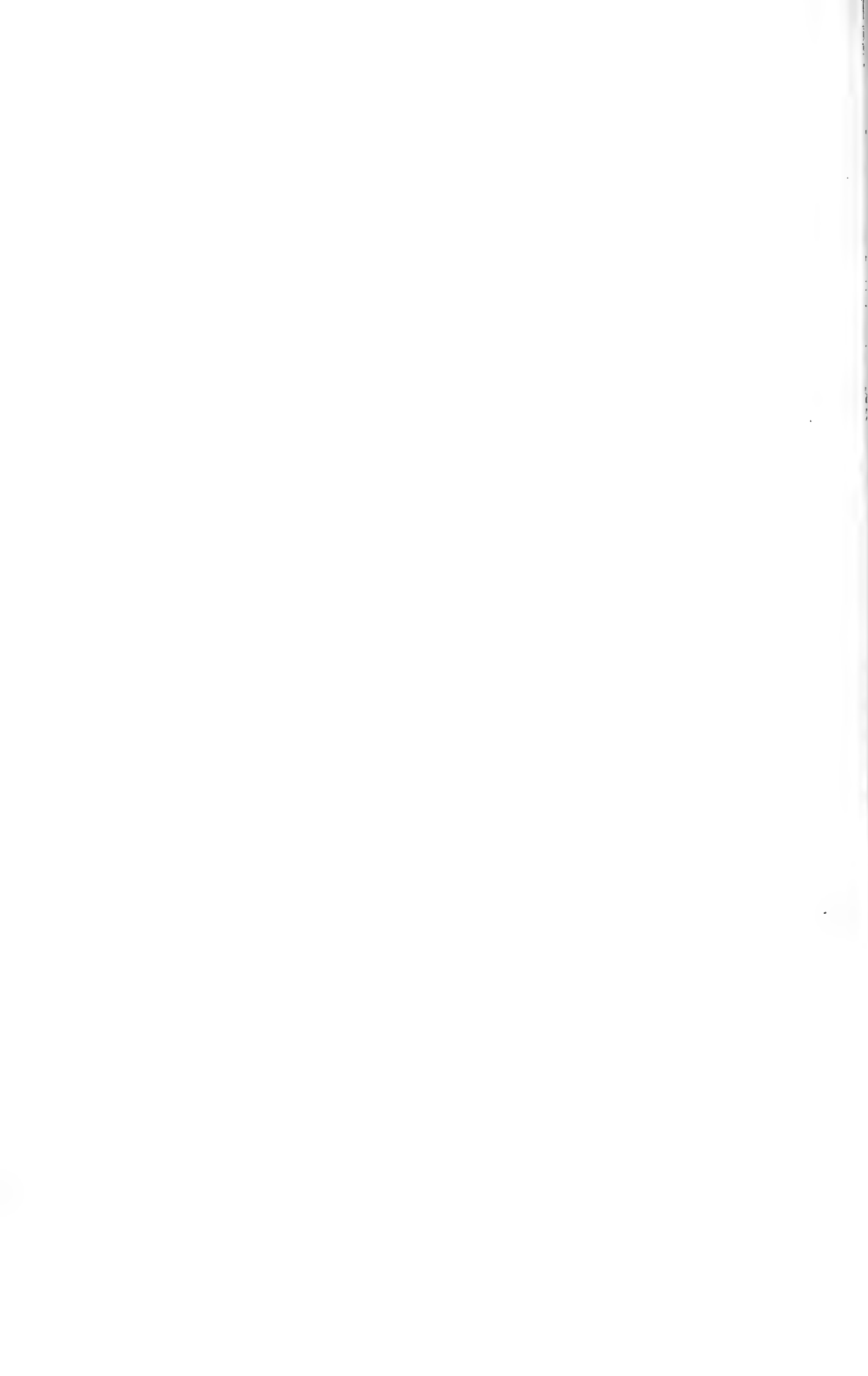


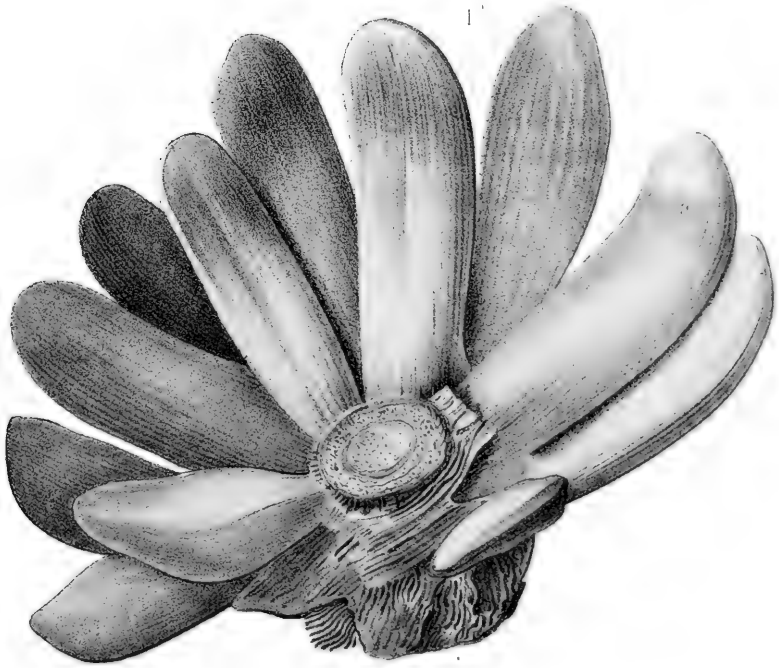
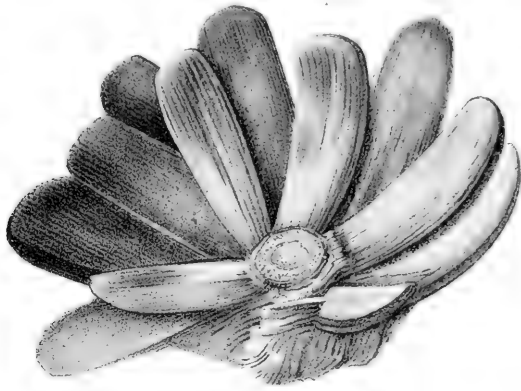
A. Leuba lith.

G. Masson Editeur

Imp. Lemercier et C^e Paris

14. Williamsonia Morierei, Sap et Mar





A. Leuba lith.

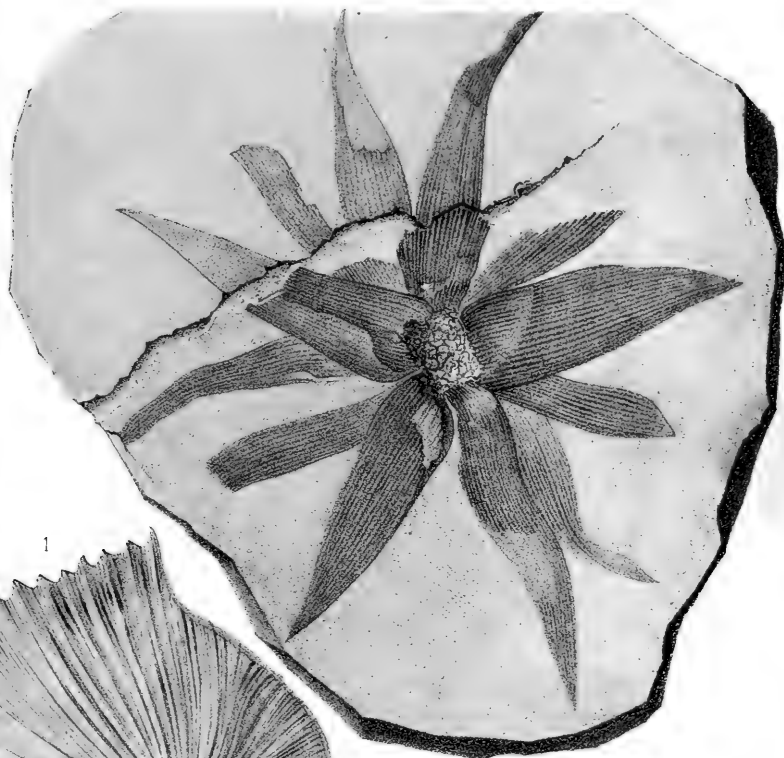
G. Masson éditeur.

Imp. Lemercier et C^{ie} Paris

Williamsonia pictaviensis, Sap.



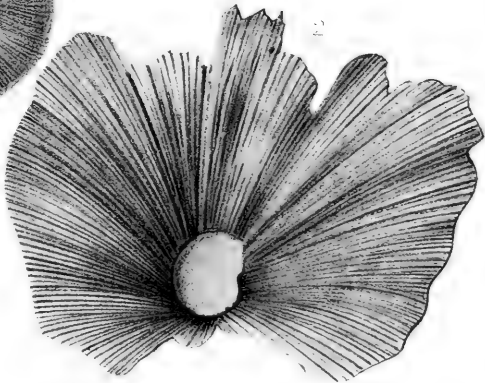
3



1



2



A. Leuba lith

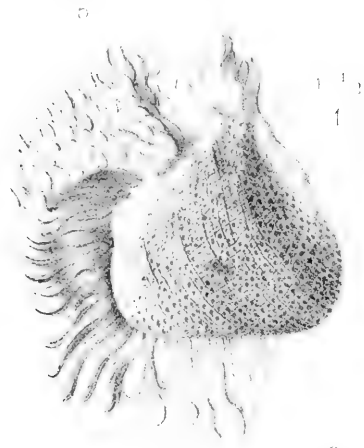
G. Masson Editeur

Imp. Lemercier et C^{ie} Paris

12. *Williamsonia* gigas, Carruth.
 3. *W.* _____ *italica*, Sap.



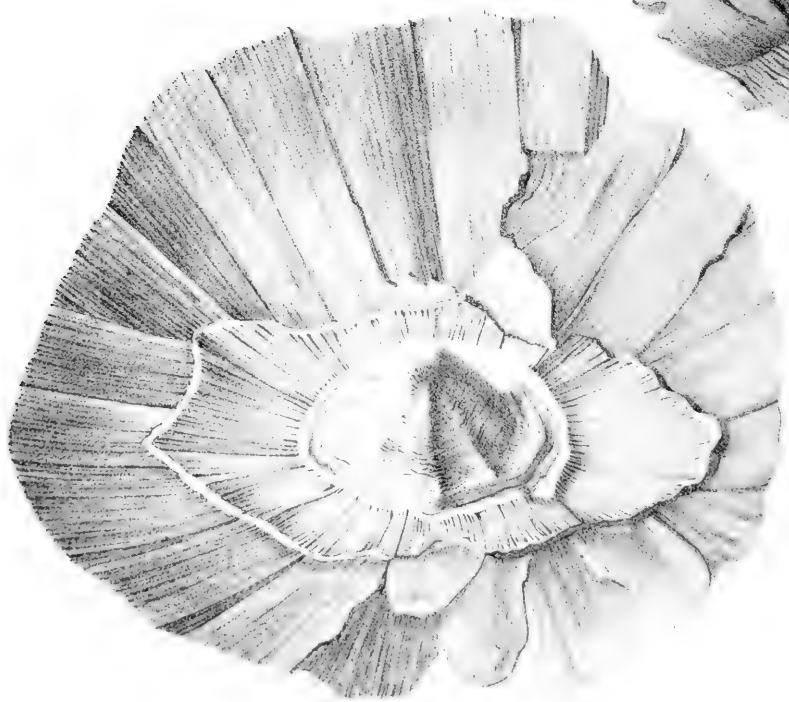
Chonetes
PL. GGLH



1



2



Chonetes

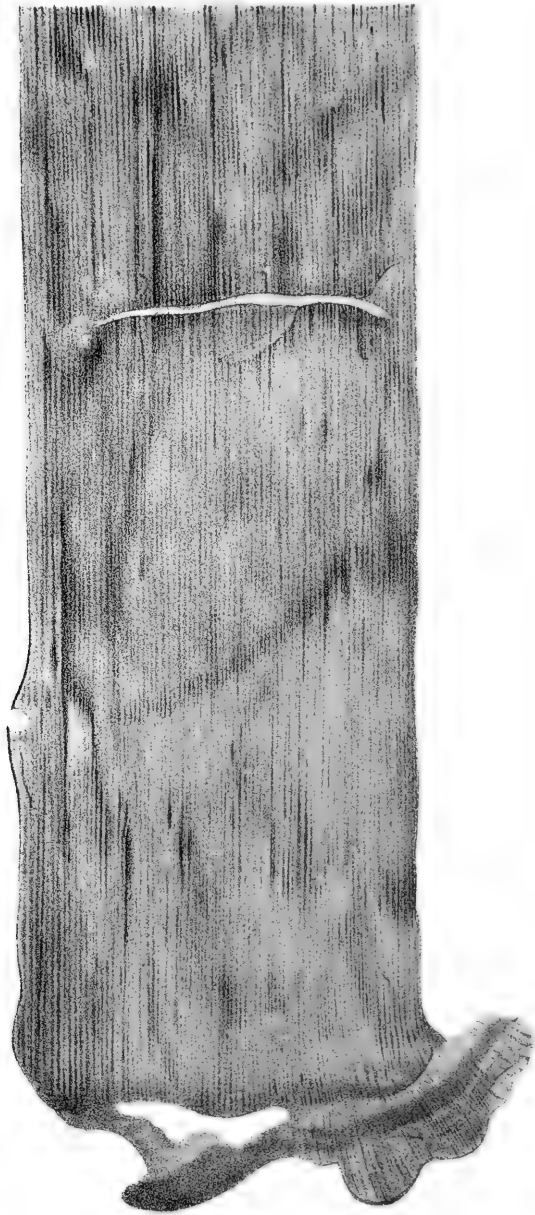
3 Williams
4 _____
5 _____



1011
 gnieri (Zeiller) Sap.
 alica, Sap.
 p. nov., Lesqx (Dakota Group, Amérique).

Andr. A. Lemoine del.





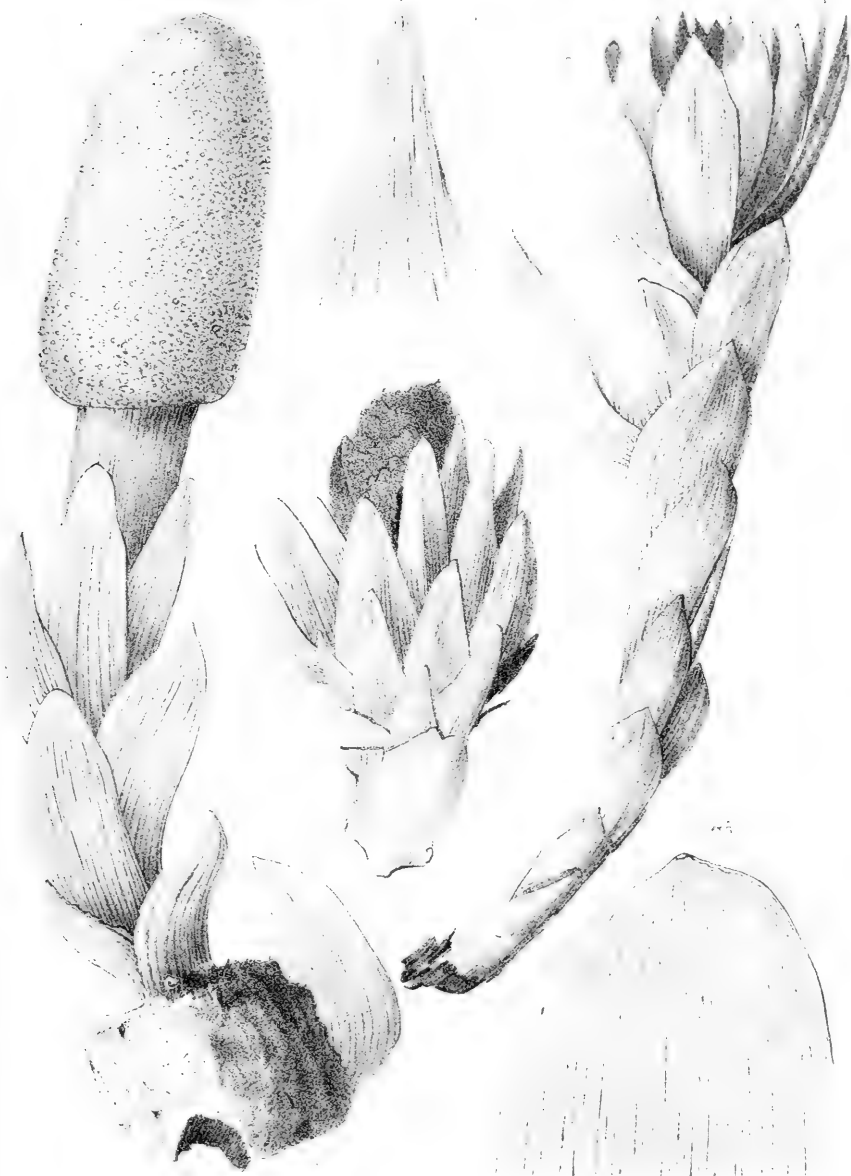
A. Leuba lith.

G. Masson Editeur

Imp. Lemercier et C^o Paris.

Yuccites hettançensis, Sup.





A. Leuba lith

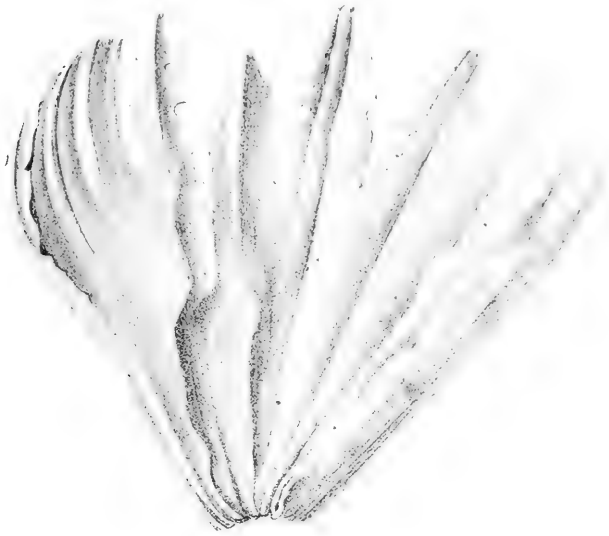
B. Masson. F. lith

C. Dup. Lemerc. lith

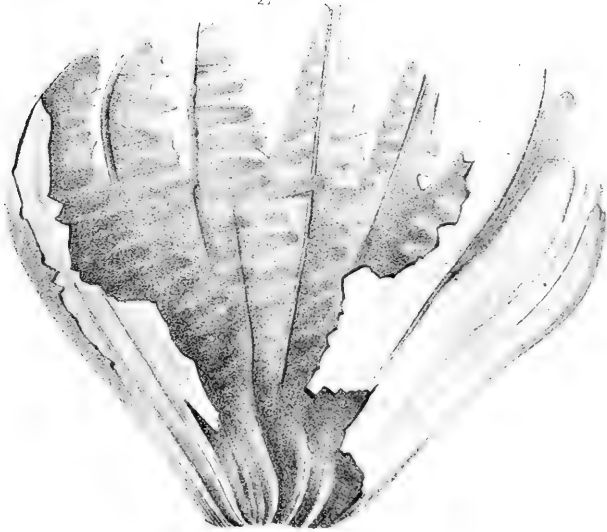
BALANOPHORÉES ACTUELLES.

1. *Balanophora polyandra*, Griff.
2. _____ ? *fungosa*, Forst.
3. *Langsdorfia*, Sp. (Brésil).





2



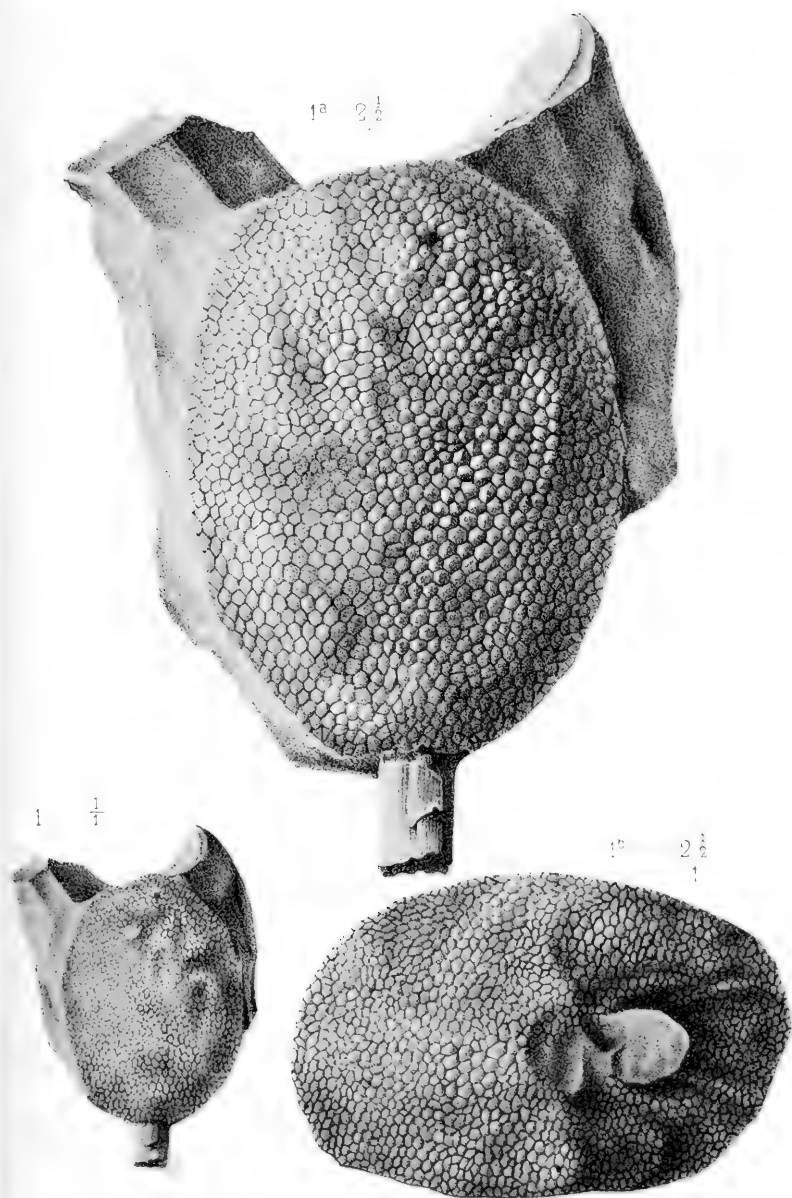
A. Leuba lith.

G. Masson Editeur.

Imp. A. Lemercier Paris.

1—2. *Weltrichia mirabilis*, fr. Br.



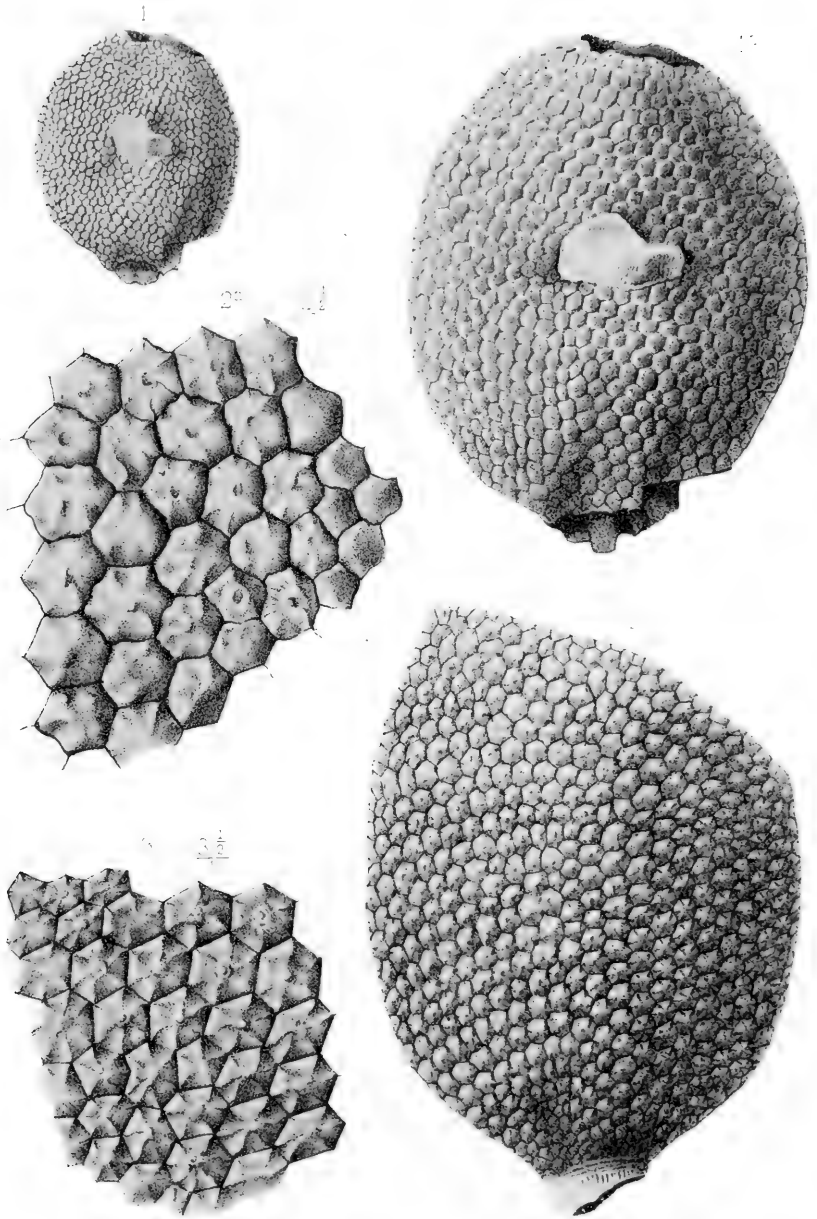


A Leuba lith

G Masson, Editeur

Imp. Lemercier & C^{ie}, Paris

Goniolina géométrica, d'Orb



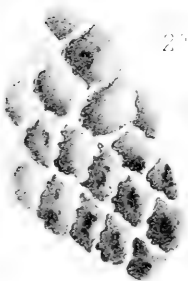
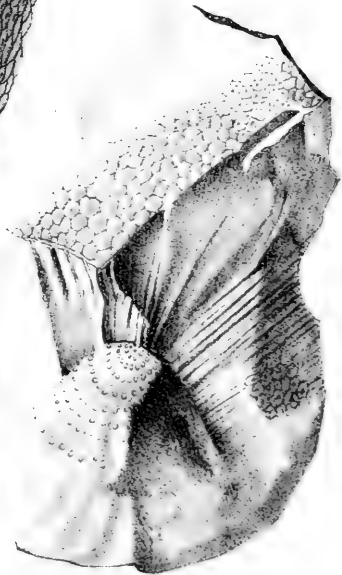
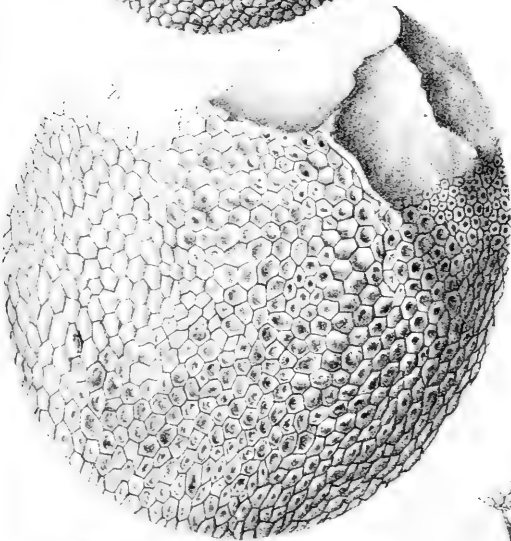
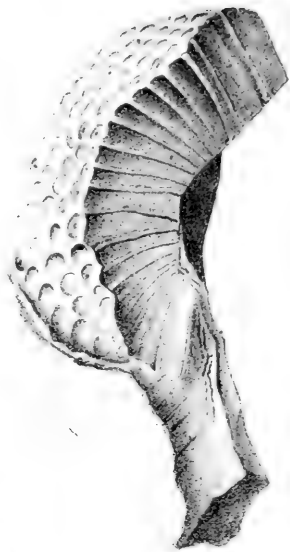
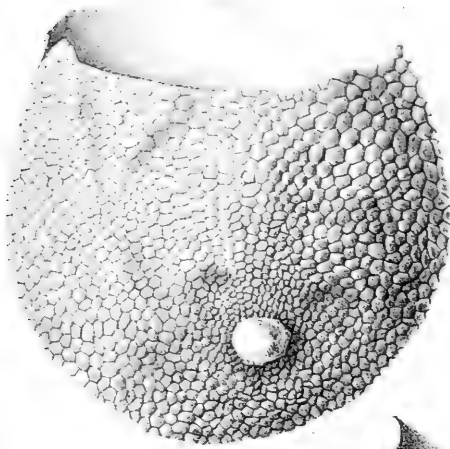
A Leuba lith.

G Masson, Éditeur

Imp. Lemercier & C^{ie} Paris

1-3. *Goniolina géométrica*, d'Orb.



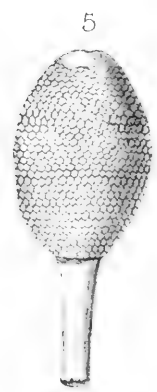
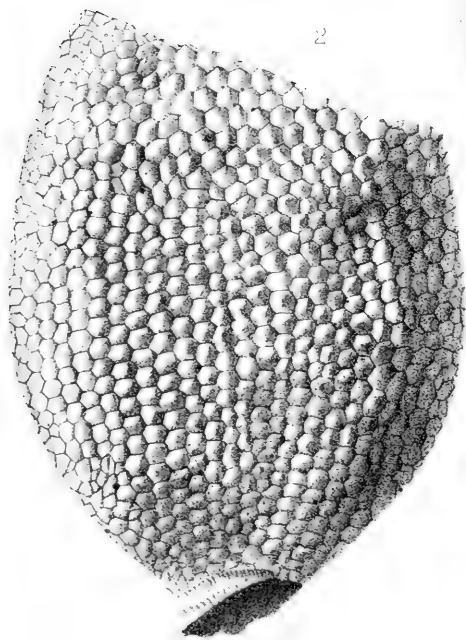
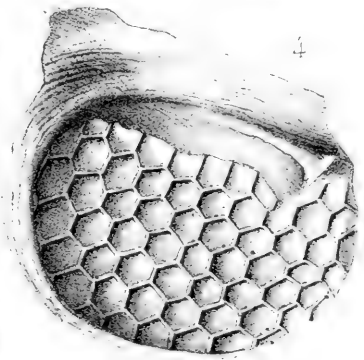
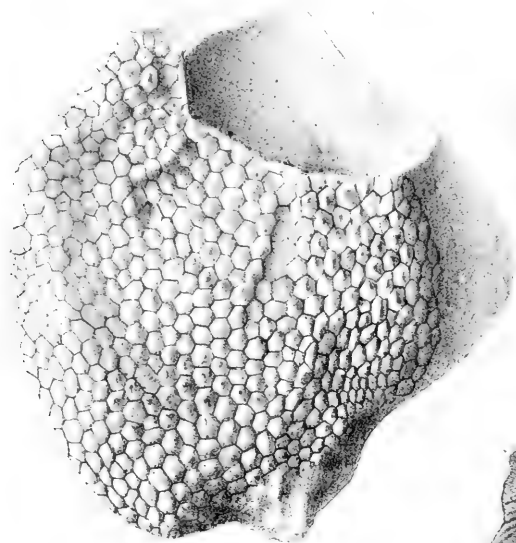


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4

14 *Goniolina geometrica* d'Orb.



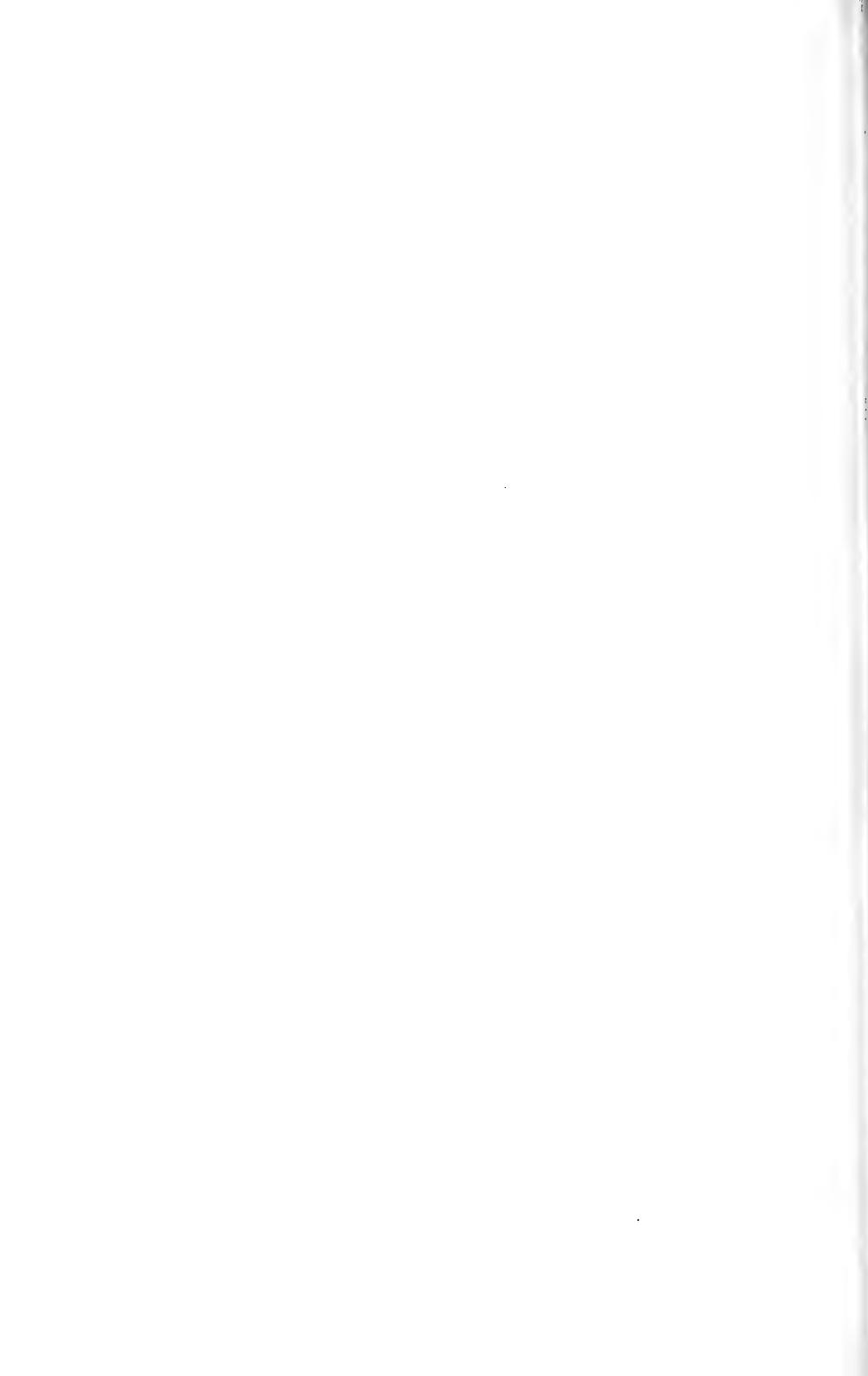


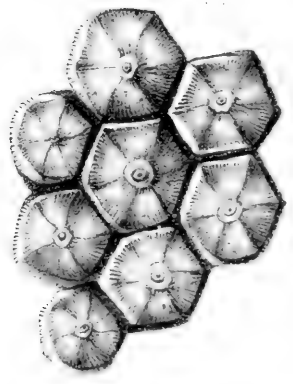
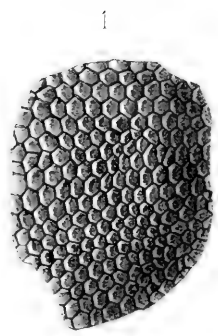
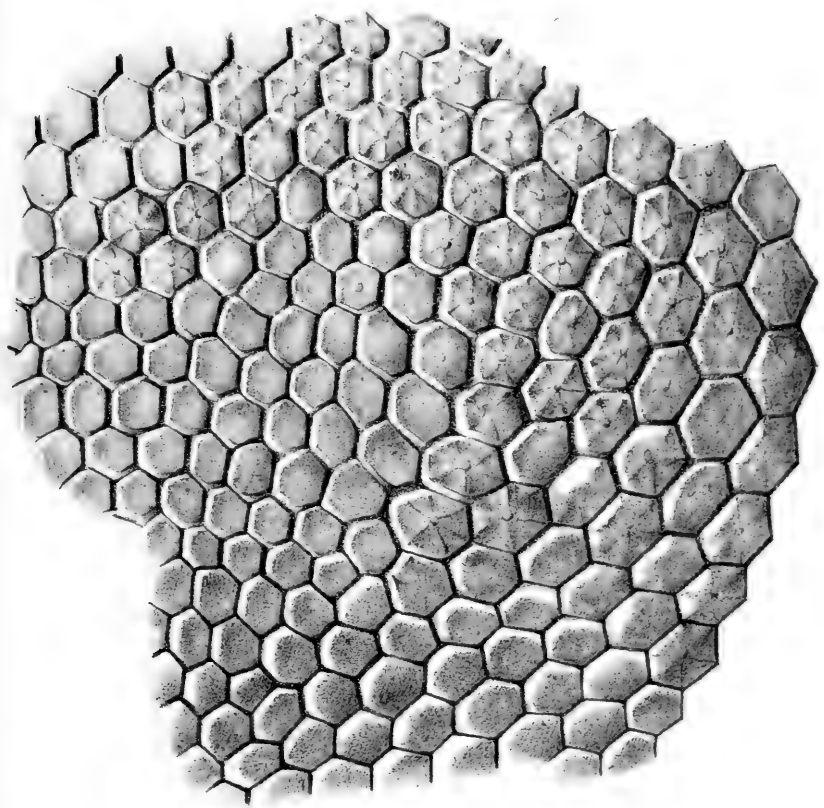
A. Leuba lith.

G. Masson Editeur

imp. Lemercier et C^o Paris.

1-5. *Goniolina géométrica*, d'Orb.





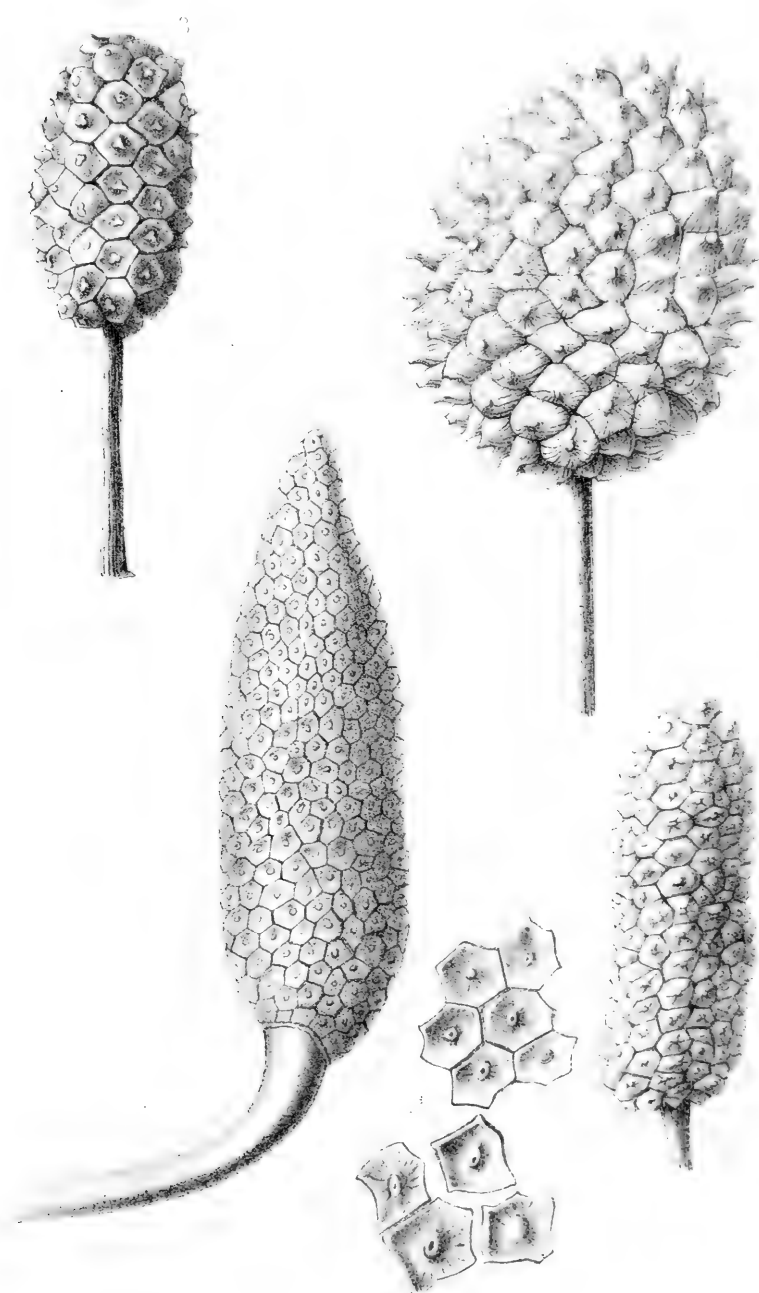
A. Leubantii.

Leubantii

Leubantii

1. Goniolites geometricus





A. Leuba del.

Sci. Mus. Paris.

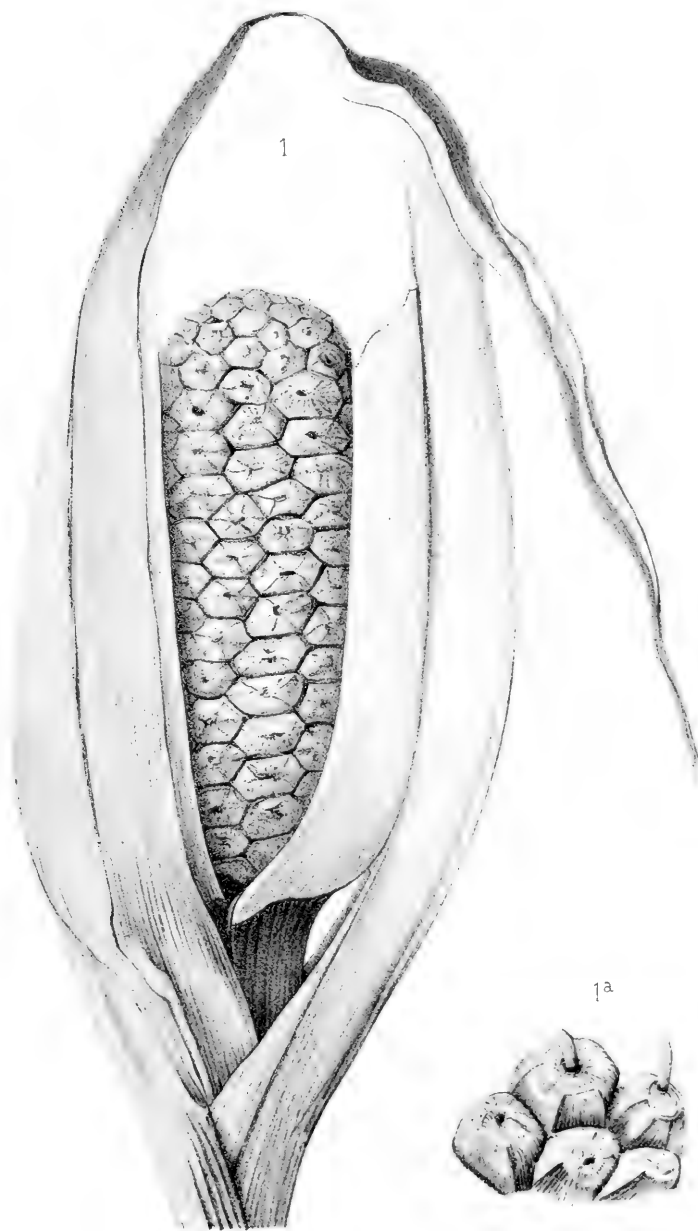
Imp. Leclercq et Cie. Paris.

AROÏDÉES ET PANDANÉES ACTUELLES

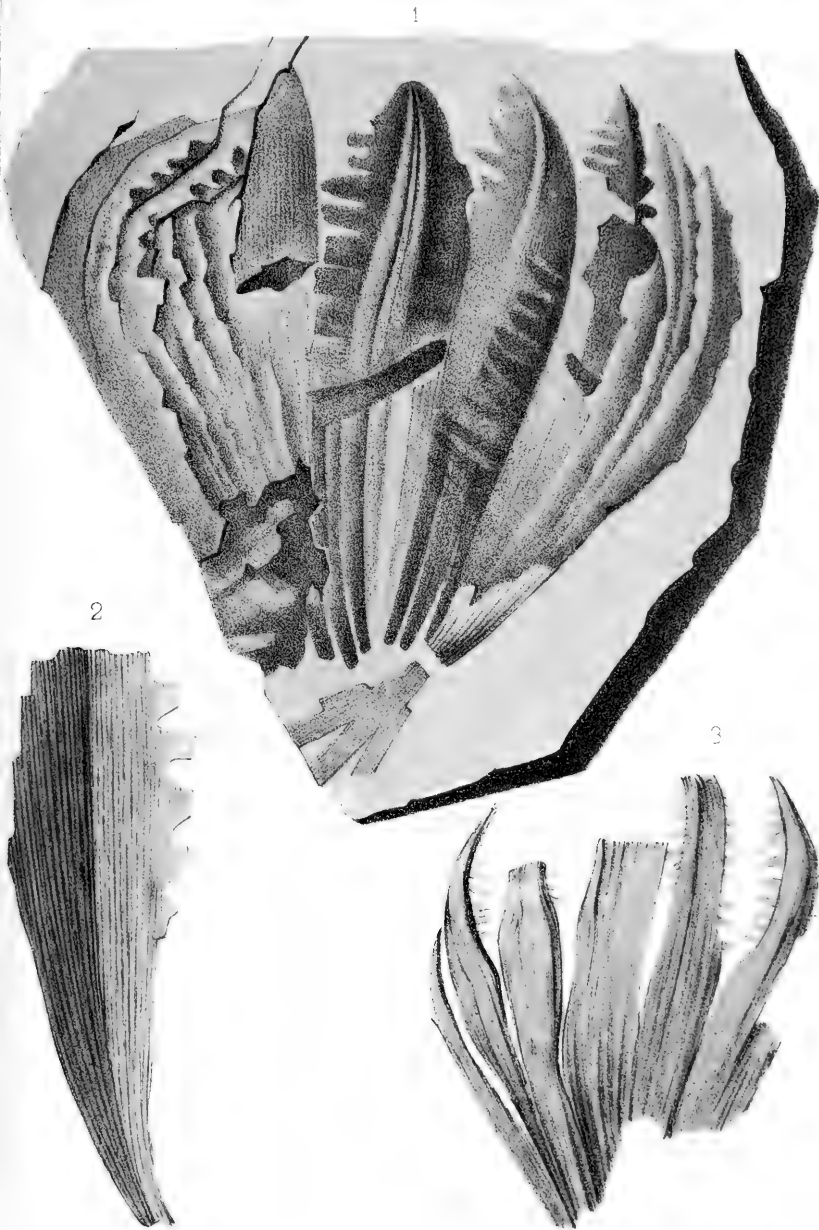
1. *Scindapsus pepla*, Schott.

2. *Sussea (Pandanus) microstoma*, Gand.









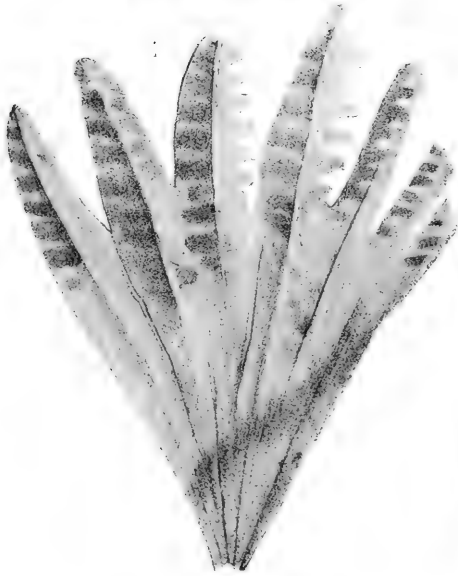
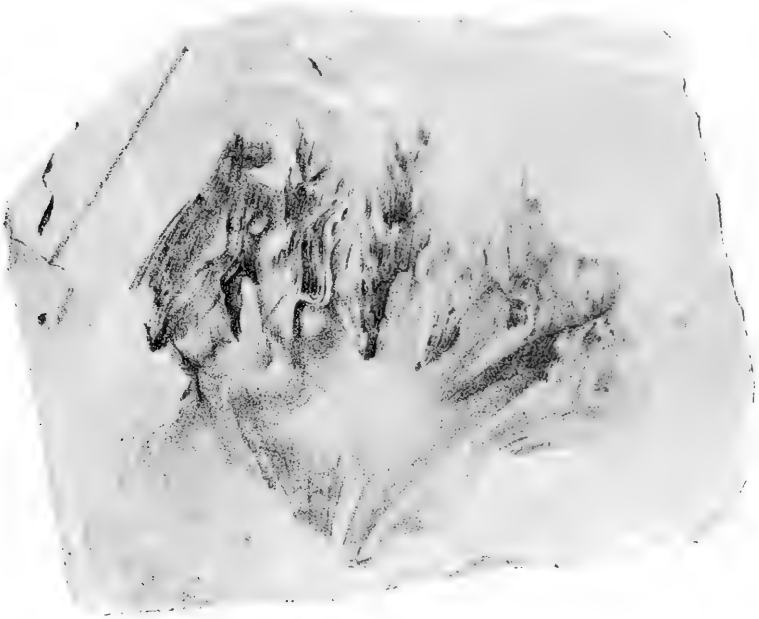
Leuba lith

G. Masson, Editeur

Imp. Lemercier et C^{ie}

1-2. *Weltrichia mirabilis*, F. Br.
3. _____ *Fabrei*, Sap





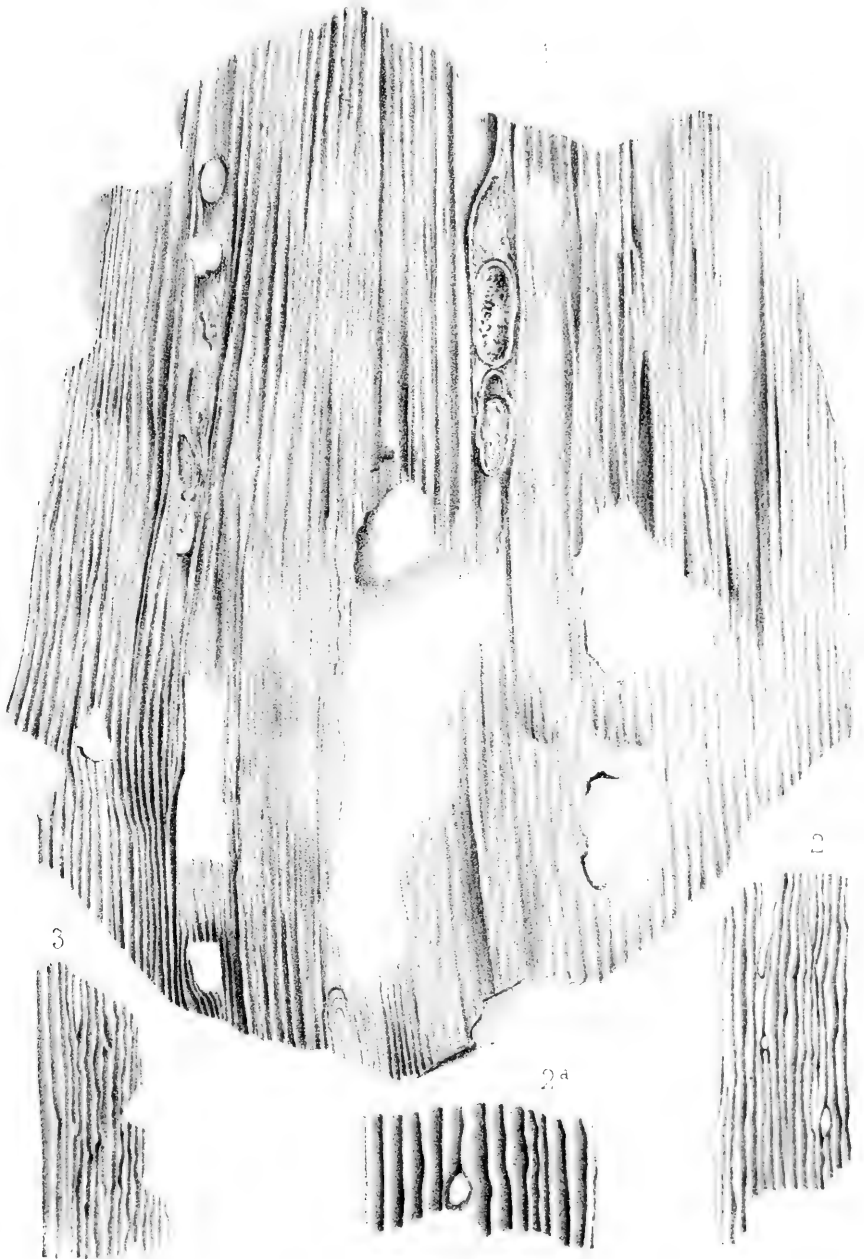
A-Leuba lith

G. Masson, Editeur

Imp. Lemermer et C^{ie}

1. *Weltrichia mirabilis*, F. Br
 2-3 ——— *oolithica*, Sap





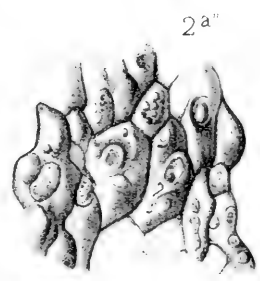
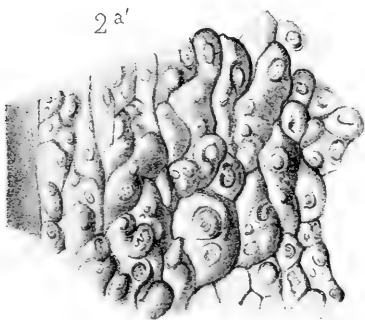
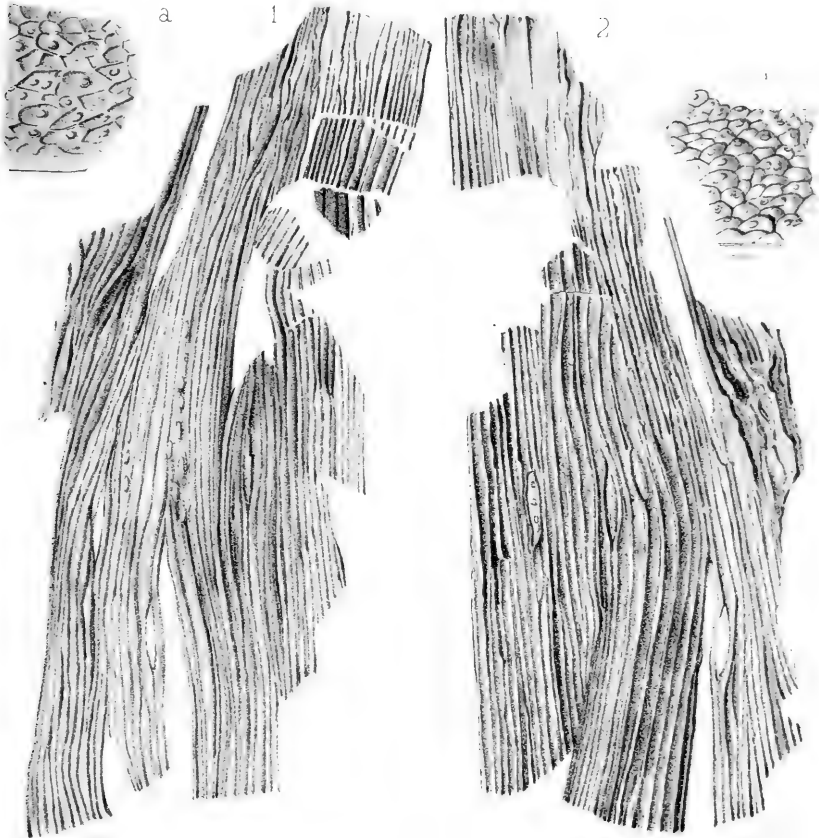
A. Leuba lith.

G. Masson, Editeur

Imp. Lemercier & Co^s Paris

1.3. *Changarniera inquirenda* Sap.



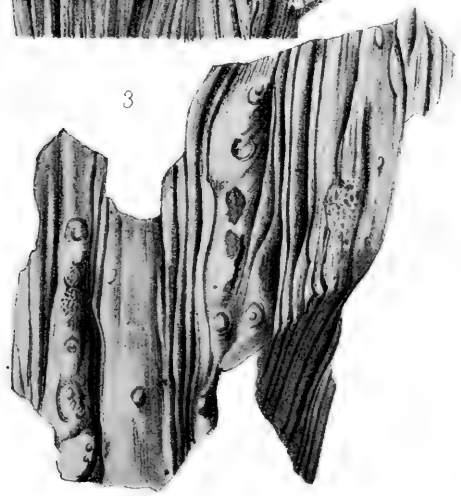
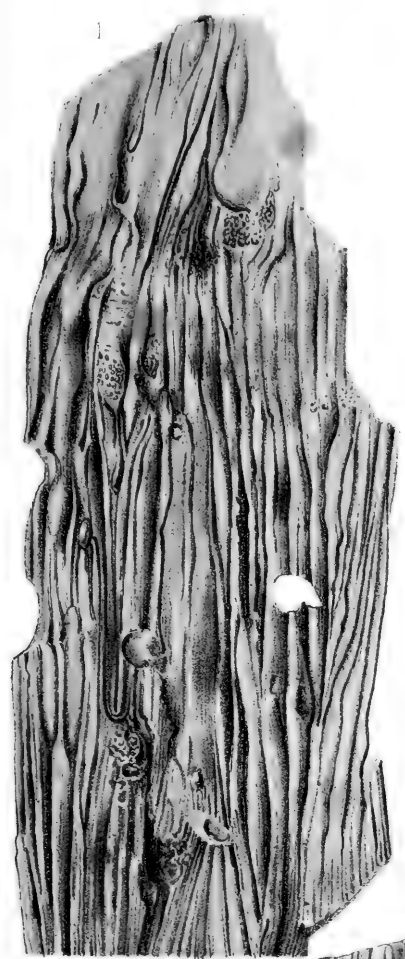


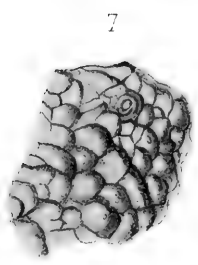
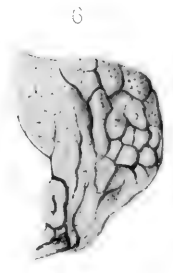
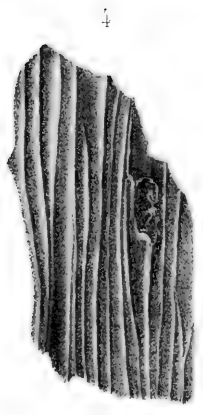
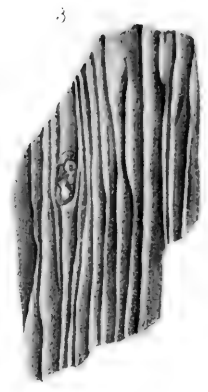


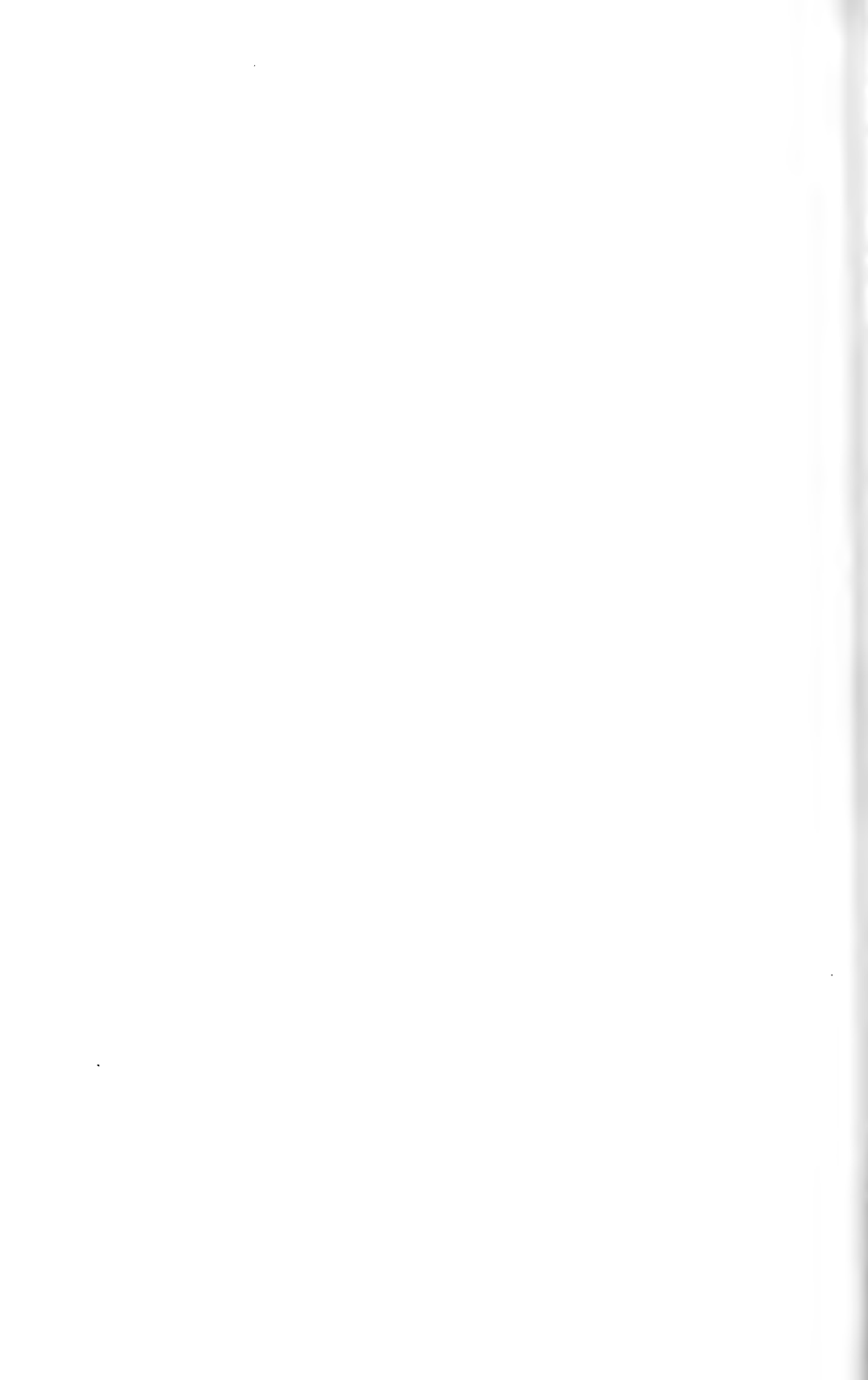
A Leuba lith

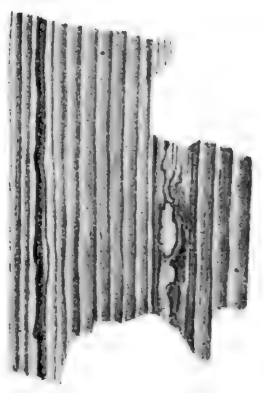
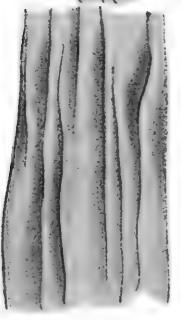
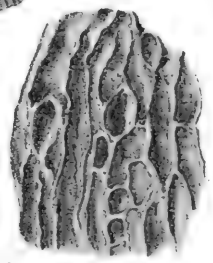
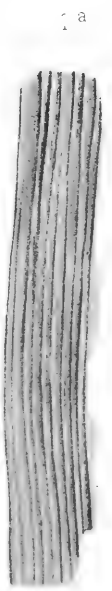
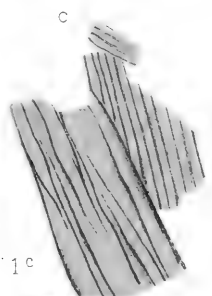
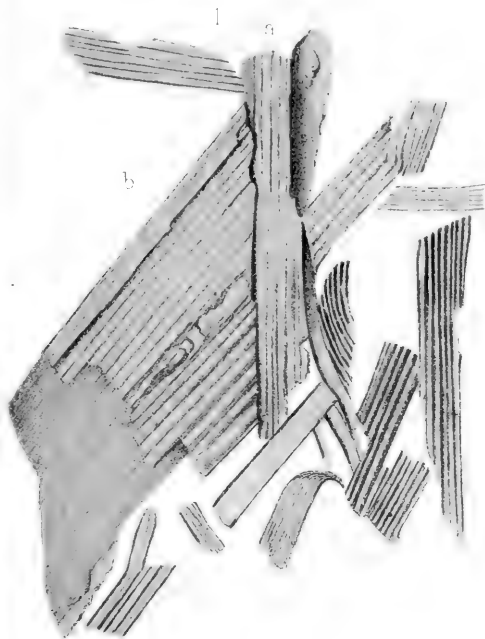
1.2. *Changarniera inquirenda*, Sap







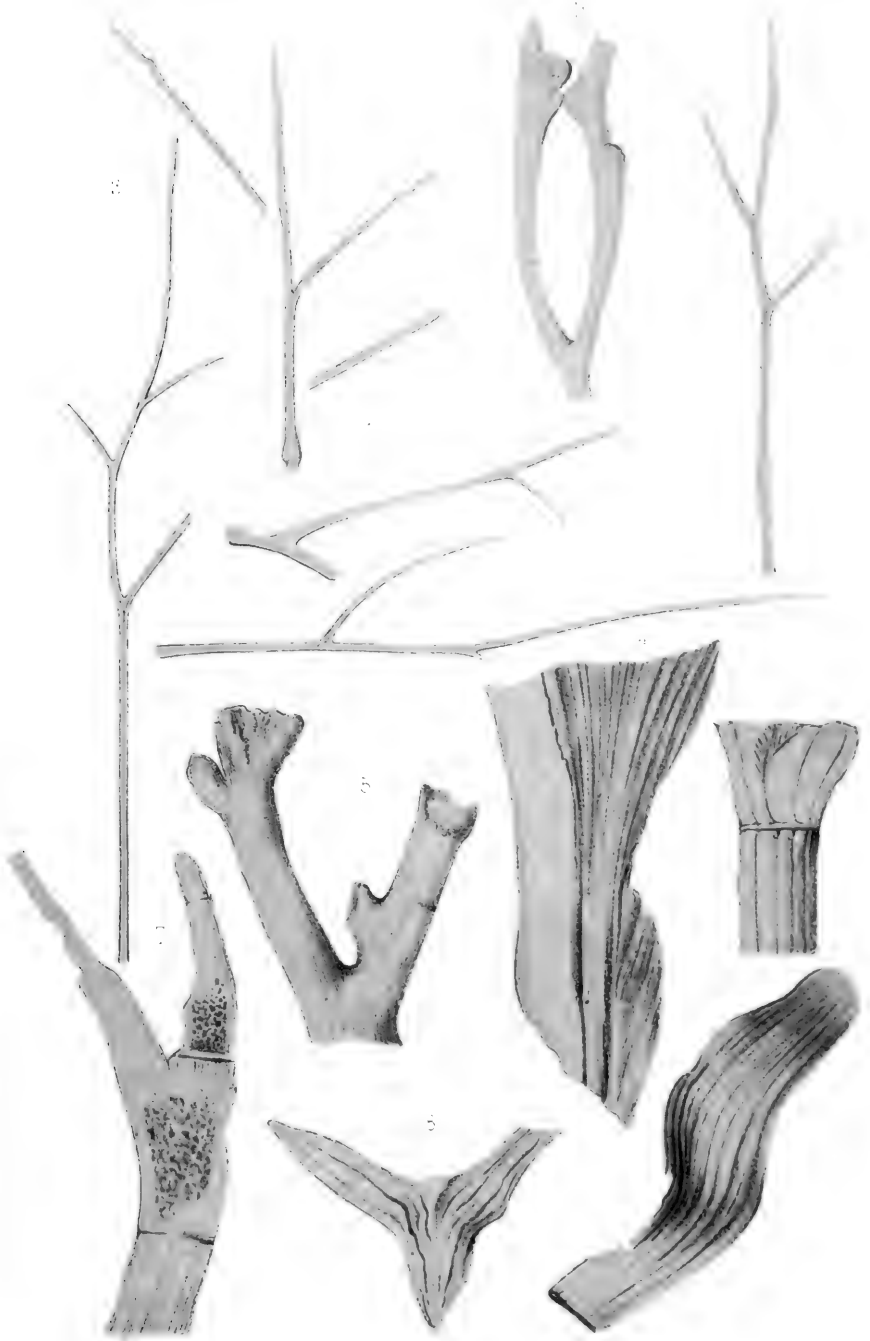




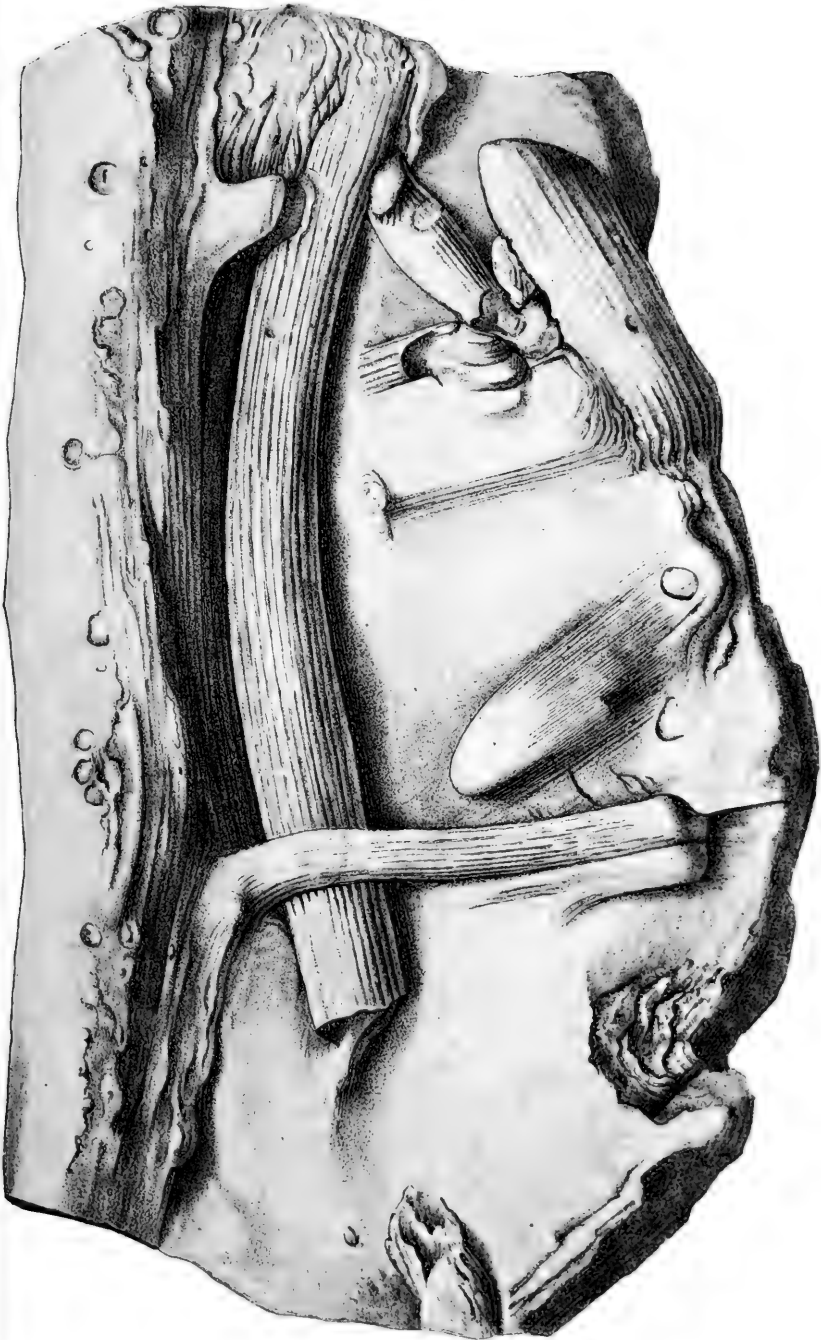
A. Leuba lith.

3. Münster lith.

7. Münster lith.

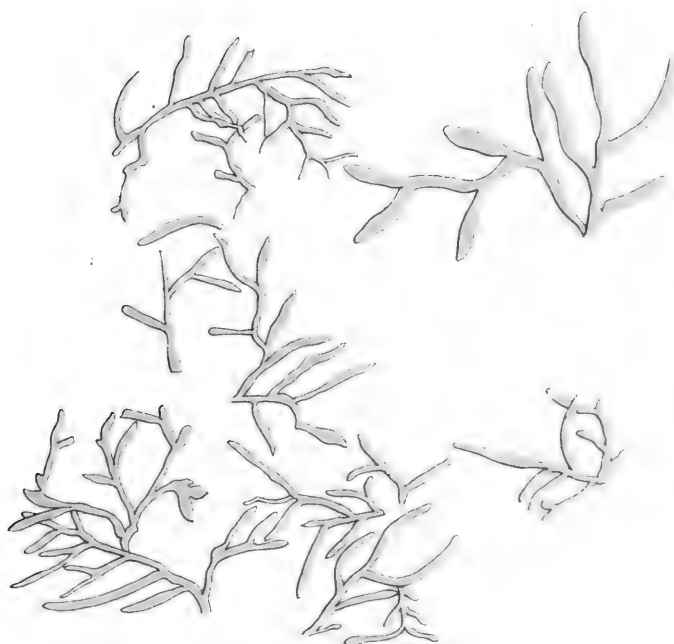
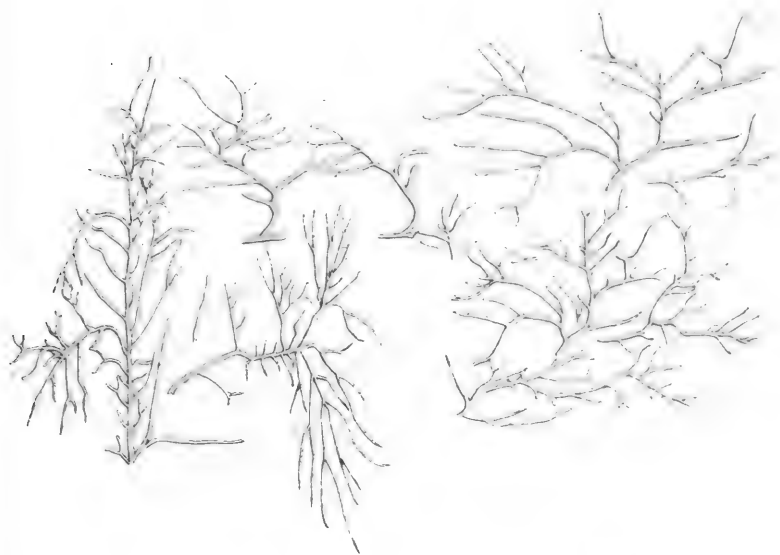


T. Jurassique Végétaux
P. CCXXIII.



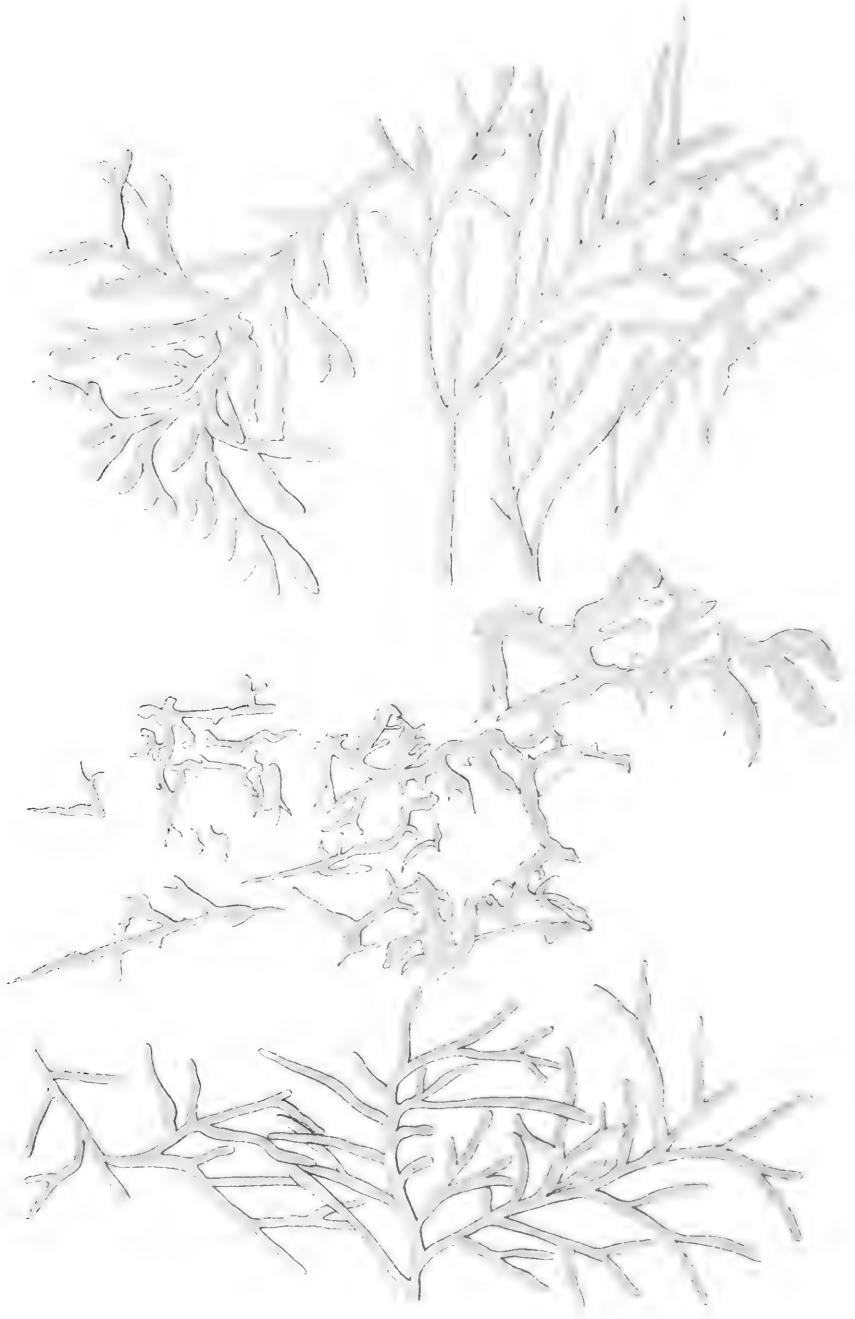






T. Jurassien - végétation
P. 100-101.

100
101





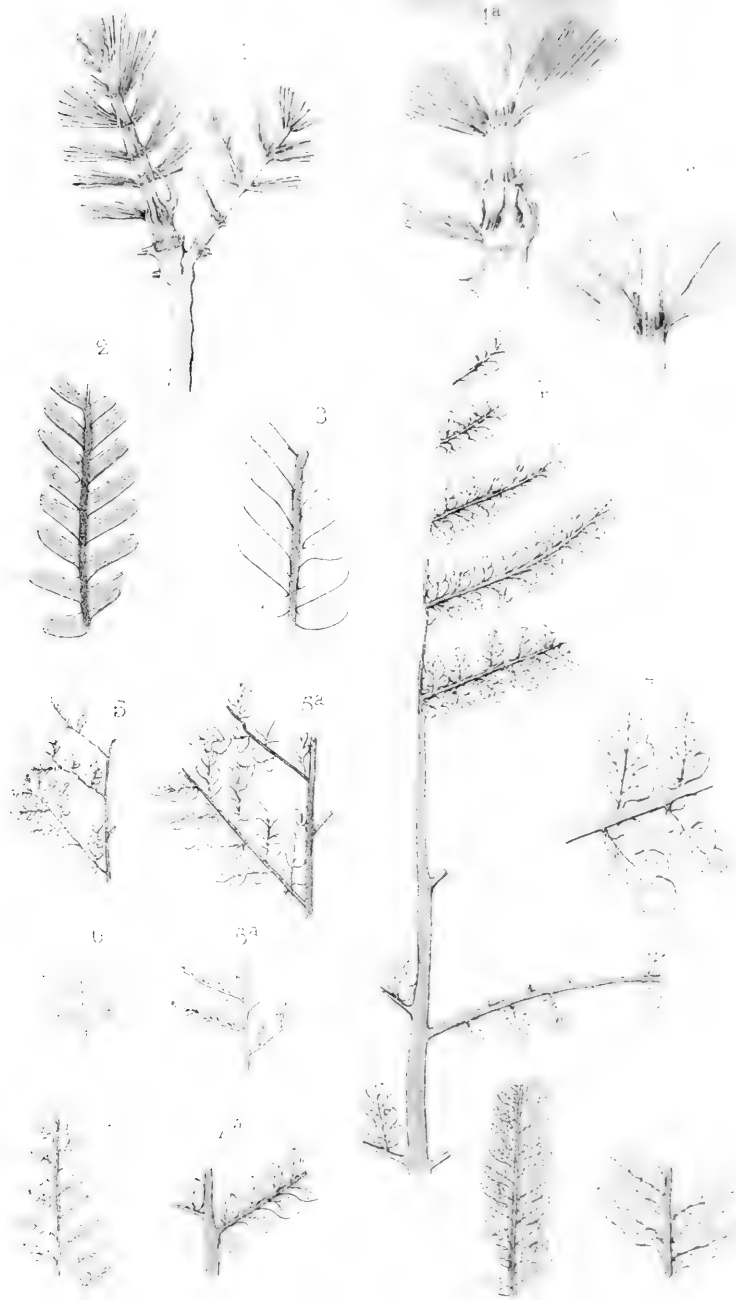
encha lith.

G. Masson Editeur

Imp. Lemercier & Co Paris

1_2. *Agarites fenestratus*, Sap_3_4. *Chondrites squamosus*, Sap
 5_6. *Halymenites crussoli*, Sap_7. *Chondrites inflexus* Sap





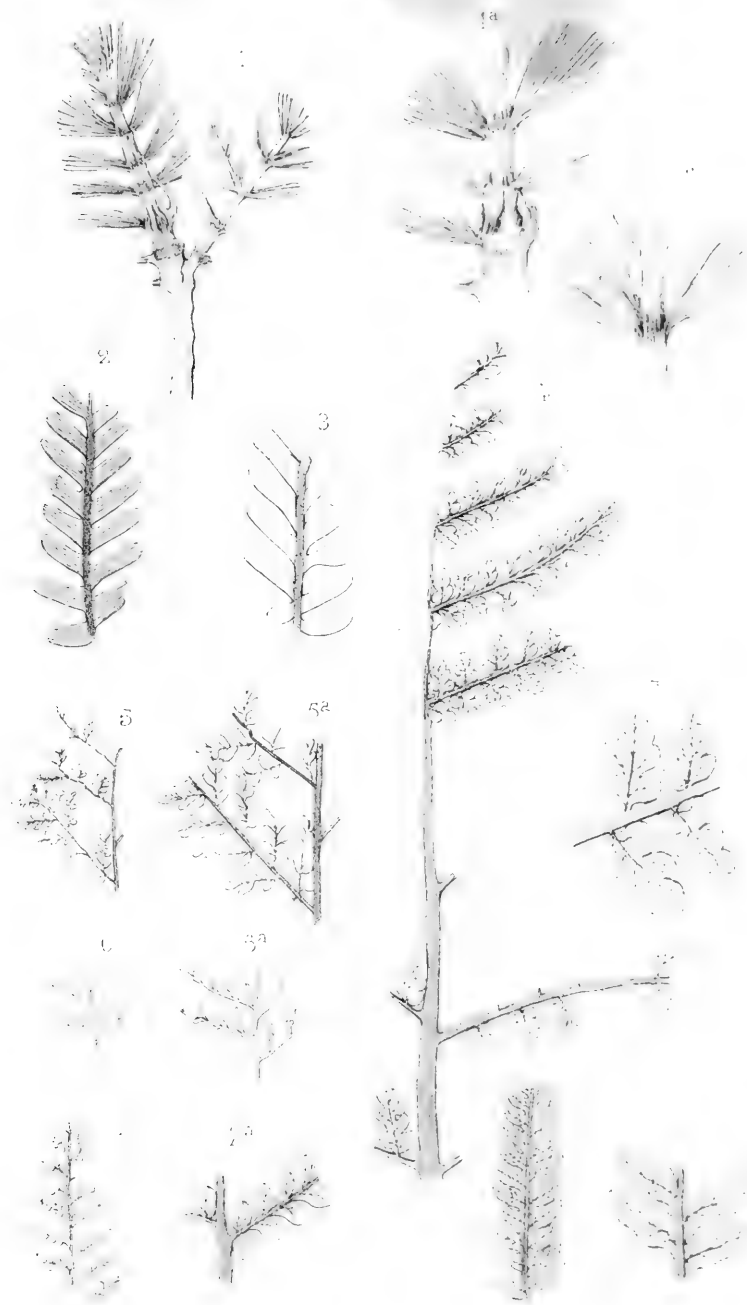
Alouba lith.

G. Masson, Editeur

Imp. Lemercier & Co Paris

1. *Phyllothea asterophyllina*, Sap. 5. *Stachypteris manducifera*, Sap.
 2. 3. *Ctenopteris Girardoti*, Sap. 6. 7. *Cladophlebis Yvonneti*, Sap.
 4. *Sphenopteris Choffatiana*, Hr. 8. *Sphenopteris*, Sap.





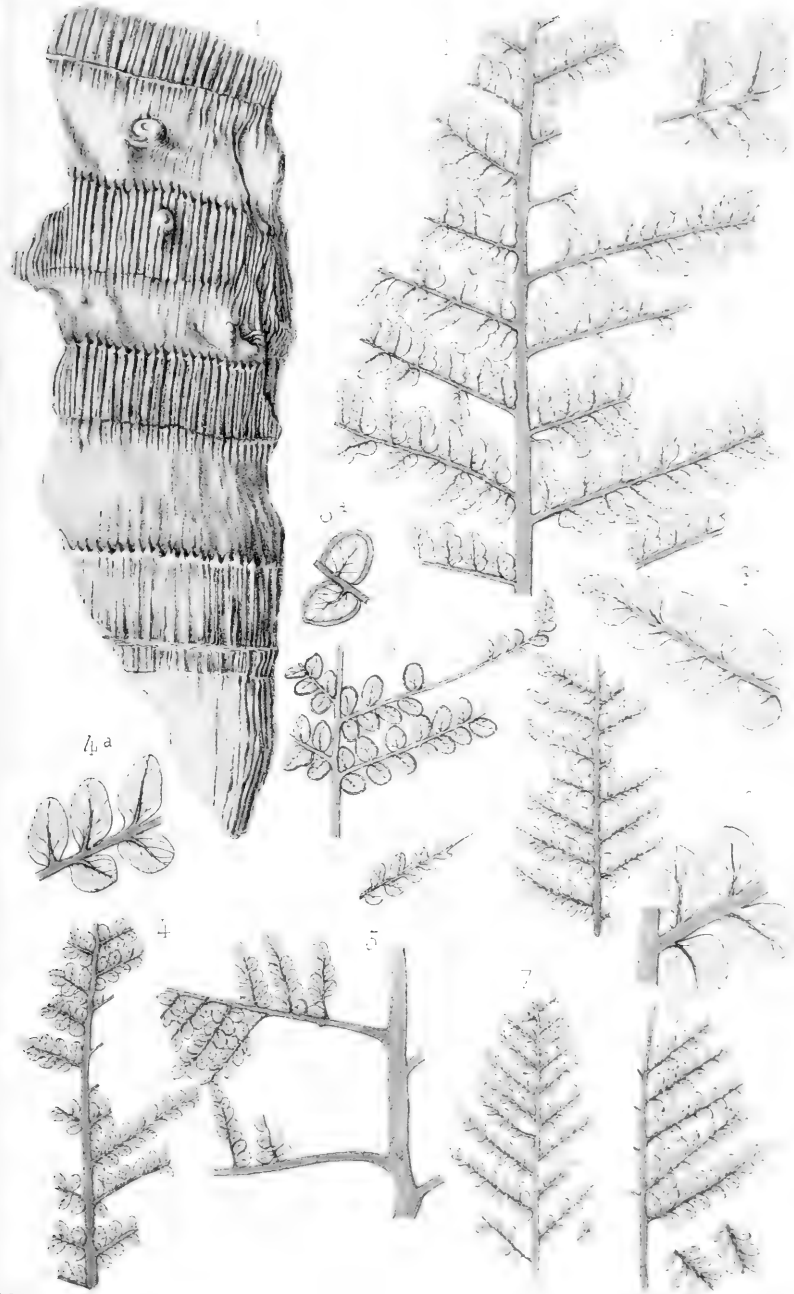
A Leuba lith.

G Masson, Editeur

Imp. Demerouti & Co Paris

1. *Phyllothea asterophyllina*, Sap. 5. 6. *Stachypteris minor*, Sap.
 2. 3. *Ctenopteris Girardoti*, Sap. 7. *Cladophlebis Marsdeni*, Sap.
 4. *Sphenopteris Choffatiana*, Hr. 8. 9. 10. *Phyllothea*, Sap.

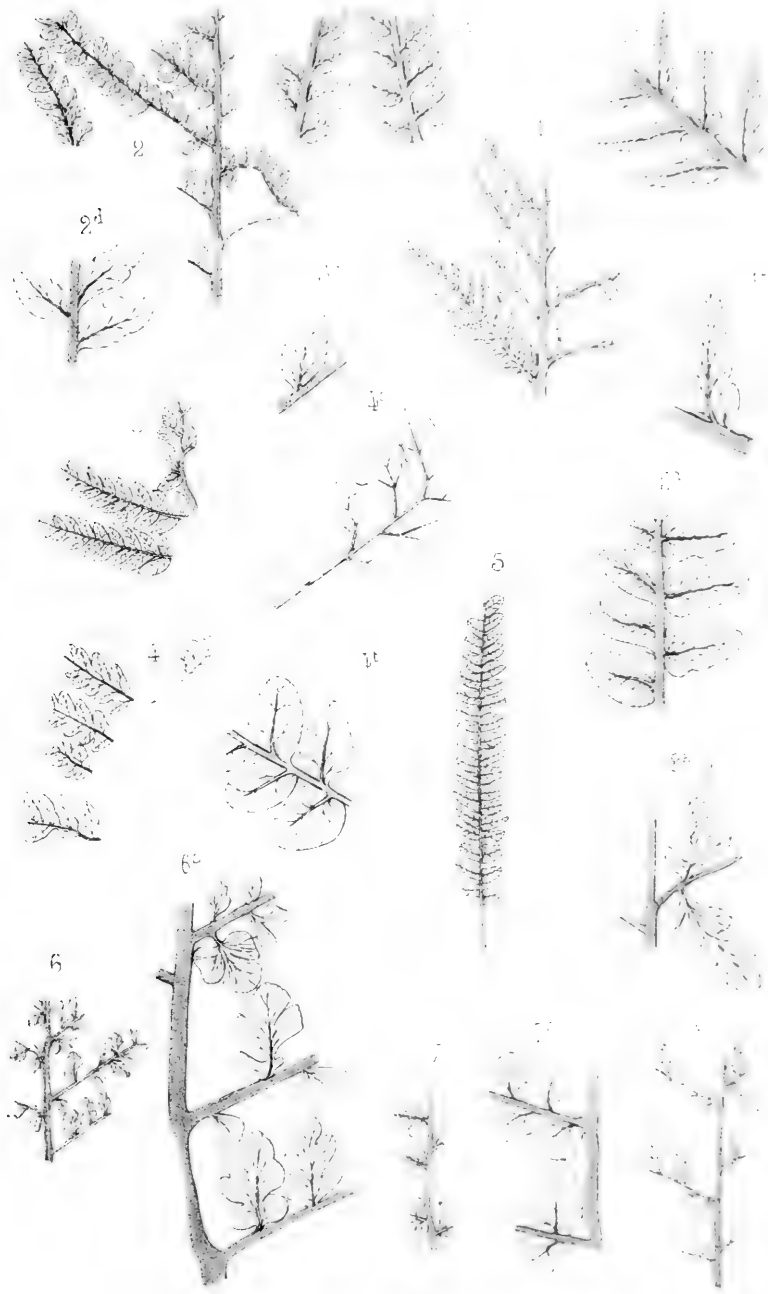




A. Leuba lith.

G. Masson Editeur

1. *Equisetum lusitanicum* Hr. — 2. *Sphenopteris Choffiniana* Hr.
 3. 8. *Cladophlebis Moisseneti* Sap



Al. Leubaldt

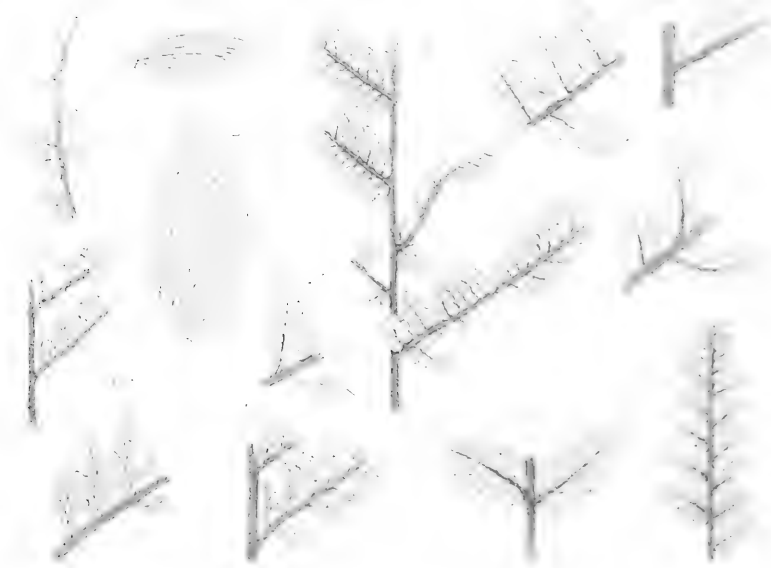
G. Masson, Editeur

Imp. Lemercier & Co. Paris

- | | | | |
|--------|-------------------------------------|---|--------------------------------------|
| 1 | <i>Cladophlebis exiguiloba</i> Sap. | 5 | _____ gracilior Sap. |
| 2 | _____ socia, Sap. | 6 | <i>Sphenopteris Choffatiana</i> Fir. |
| 4 et 7 | _____ pusilla, Sap. | 8 | _____ tenuior, Sap. |



1. Sphenopteris Choffatiana, Hr. 2. 4 Scleropteris tenuisecta, Sap.



A. Leubalith

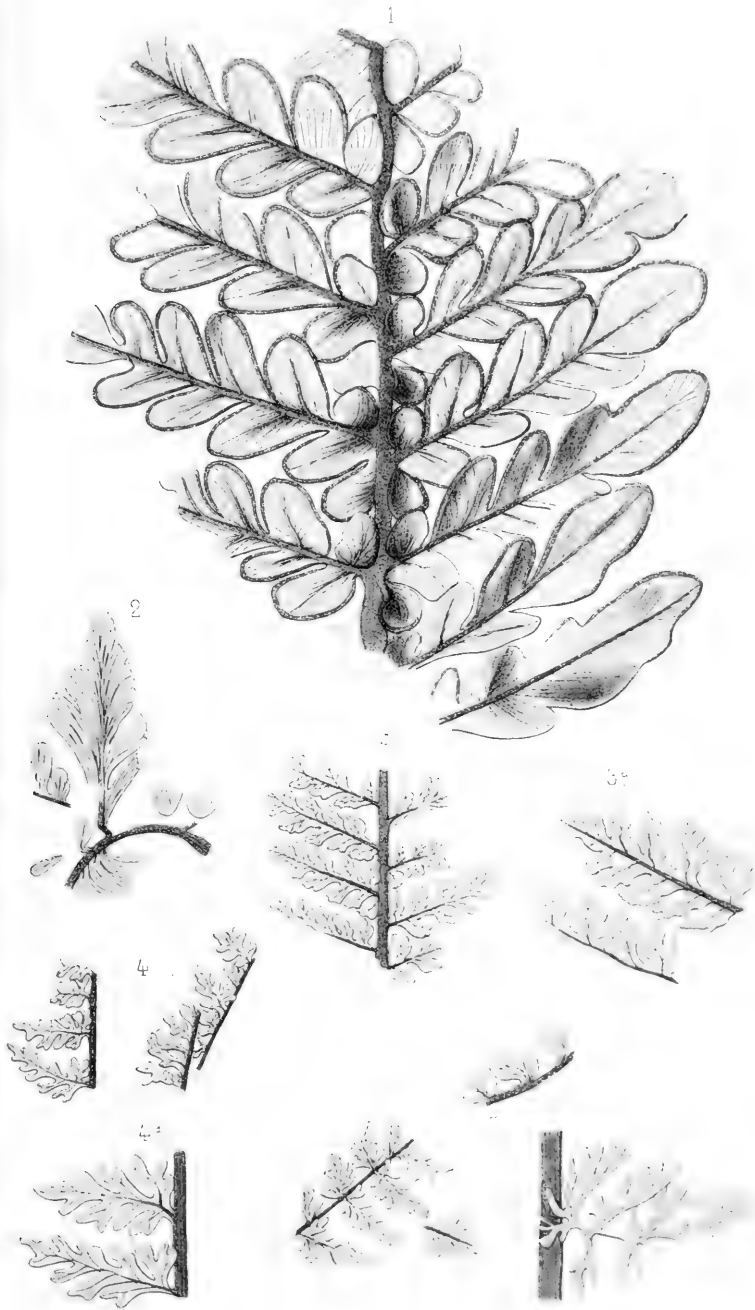
G. Masson Éditeur

Imp. Lemercier, 4, C^{te} Paris

1. *Thinnfeldia incisa*, Sap. — 2. *Neuropteridium lacinum*, Sap.

3. *Cladophlebia* ...







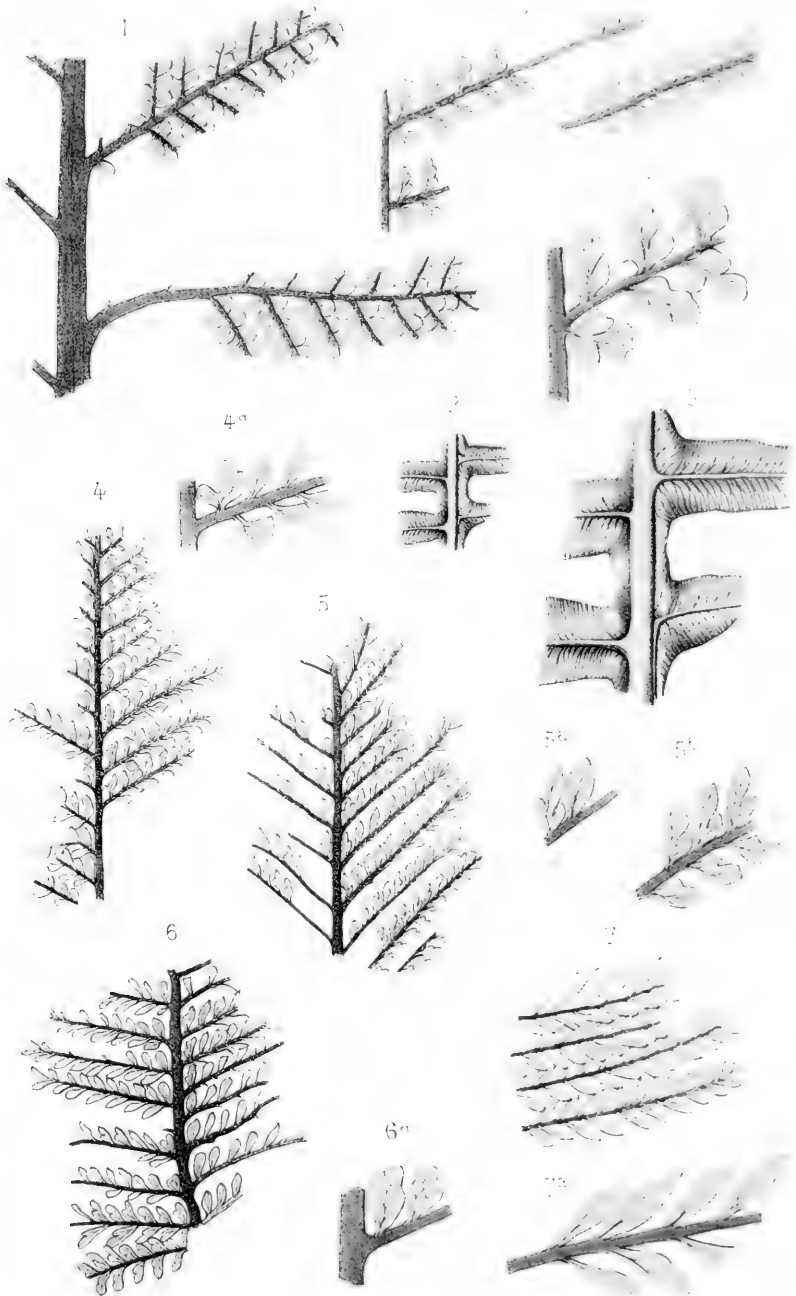
A. Leubalith

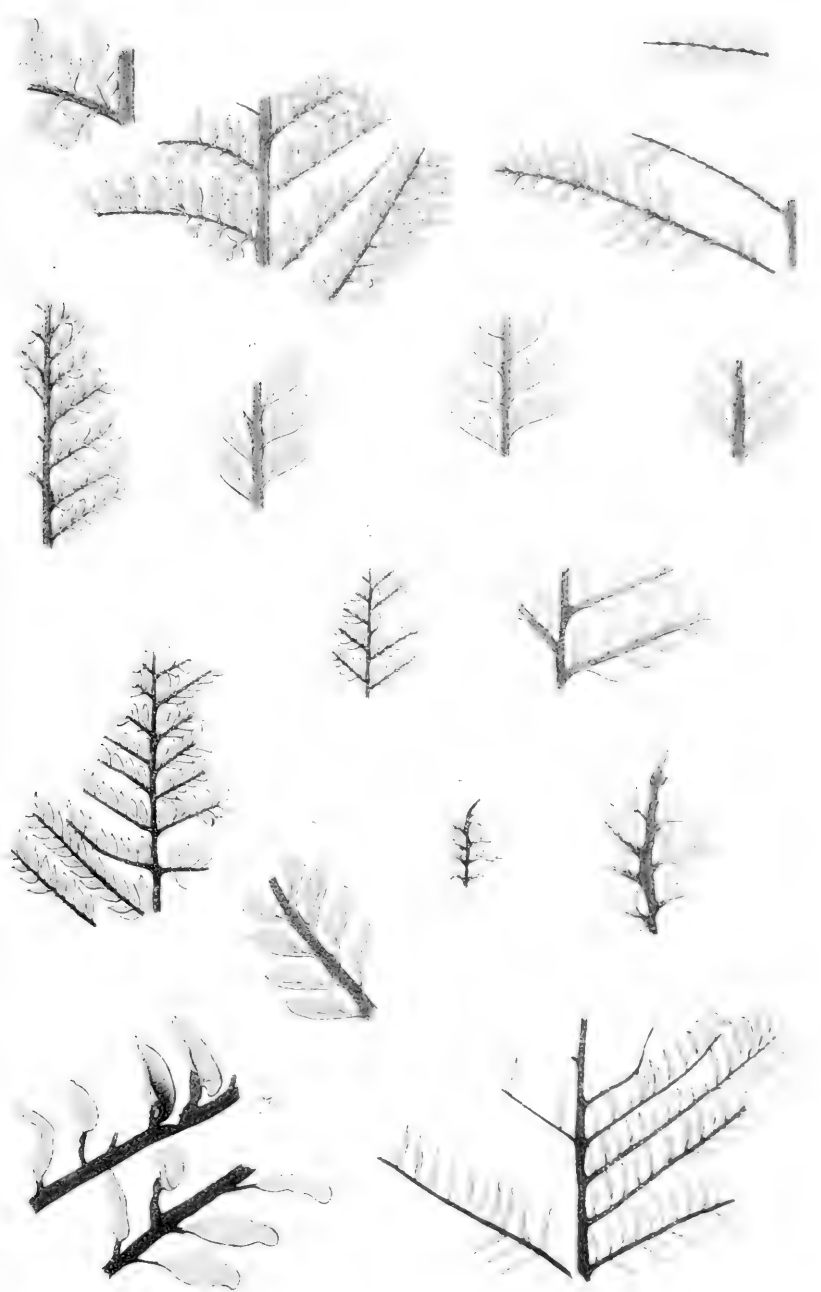
G. Masson Editeur

Imp. Lemercier & Co Paris

1. *Thinnfeldia obtusiloba* Sap.





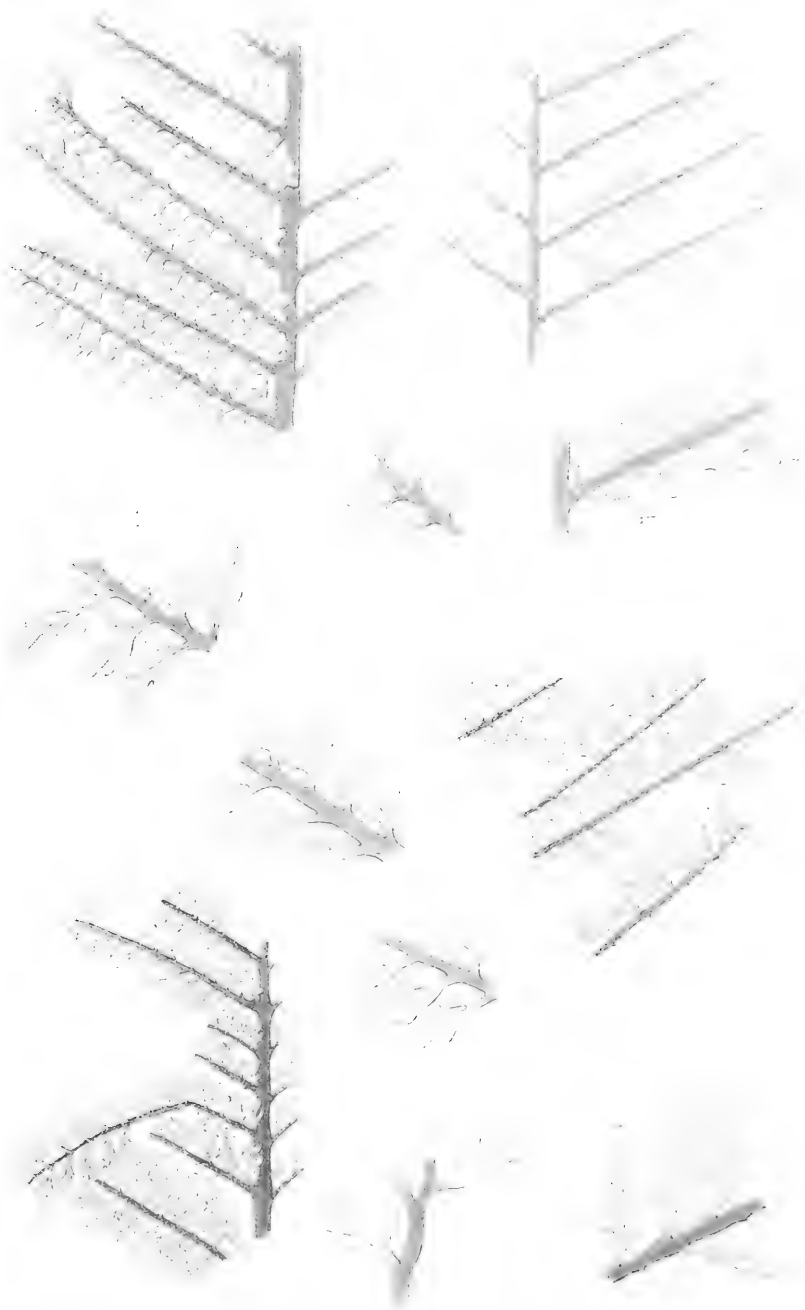


A Leuba hth

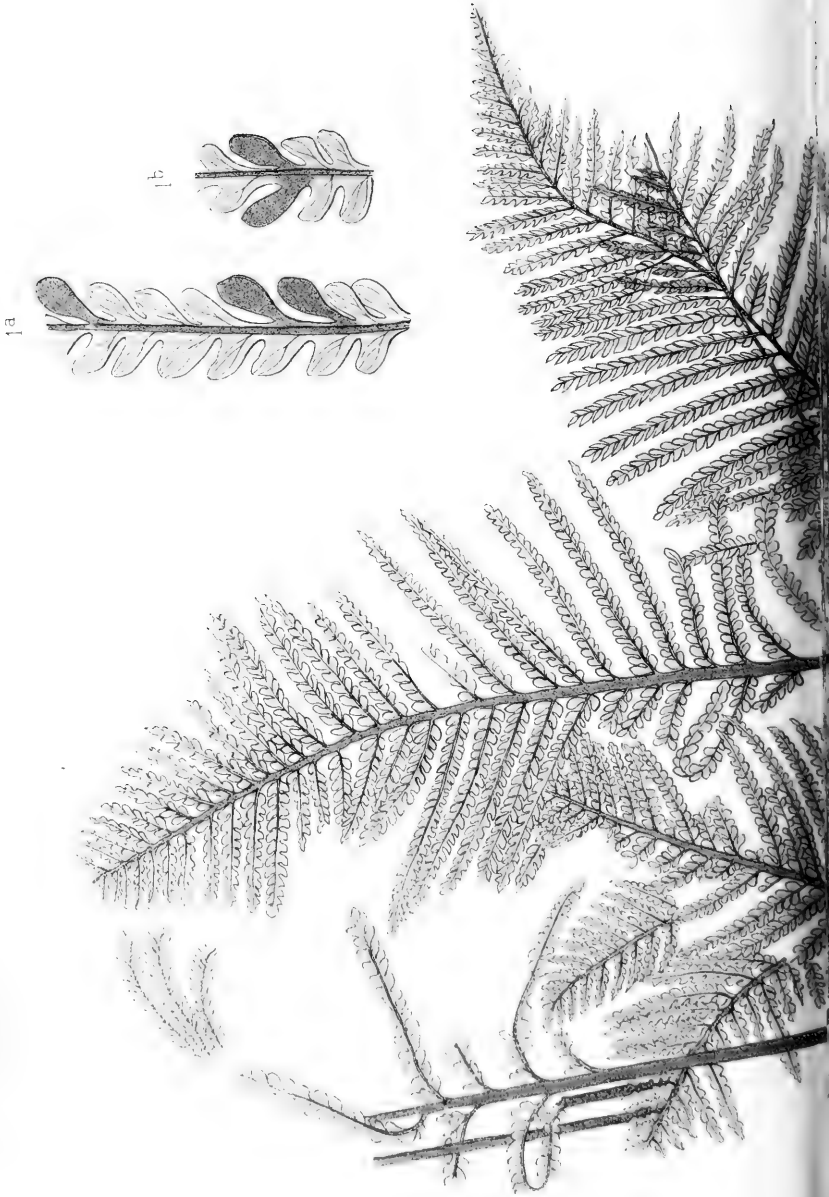
G Masson Eiteur

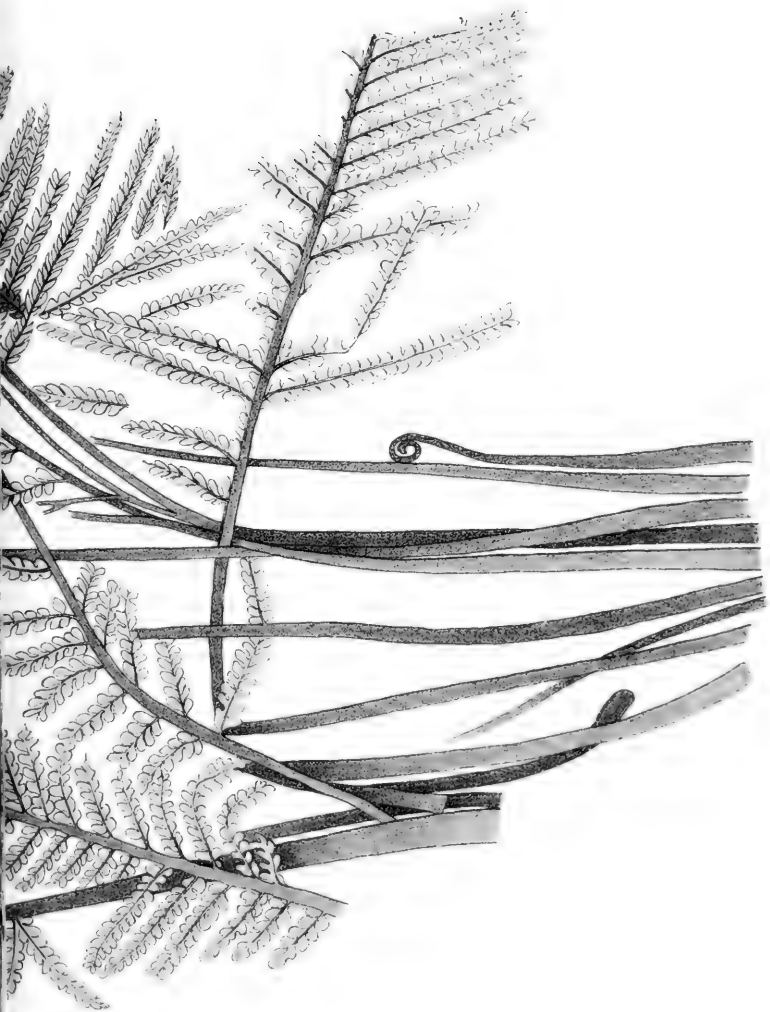
et de la collection de M. de la

1 et 3_5. *Scleropteris tenuisera* Sap









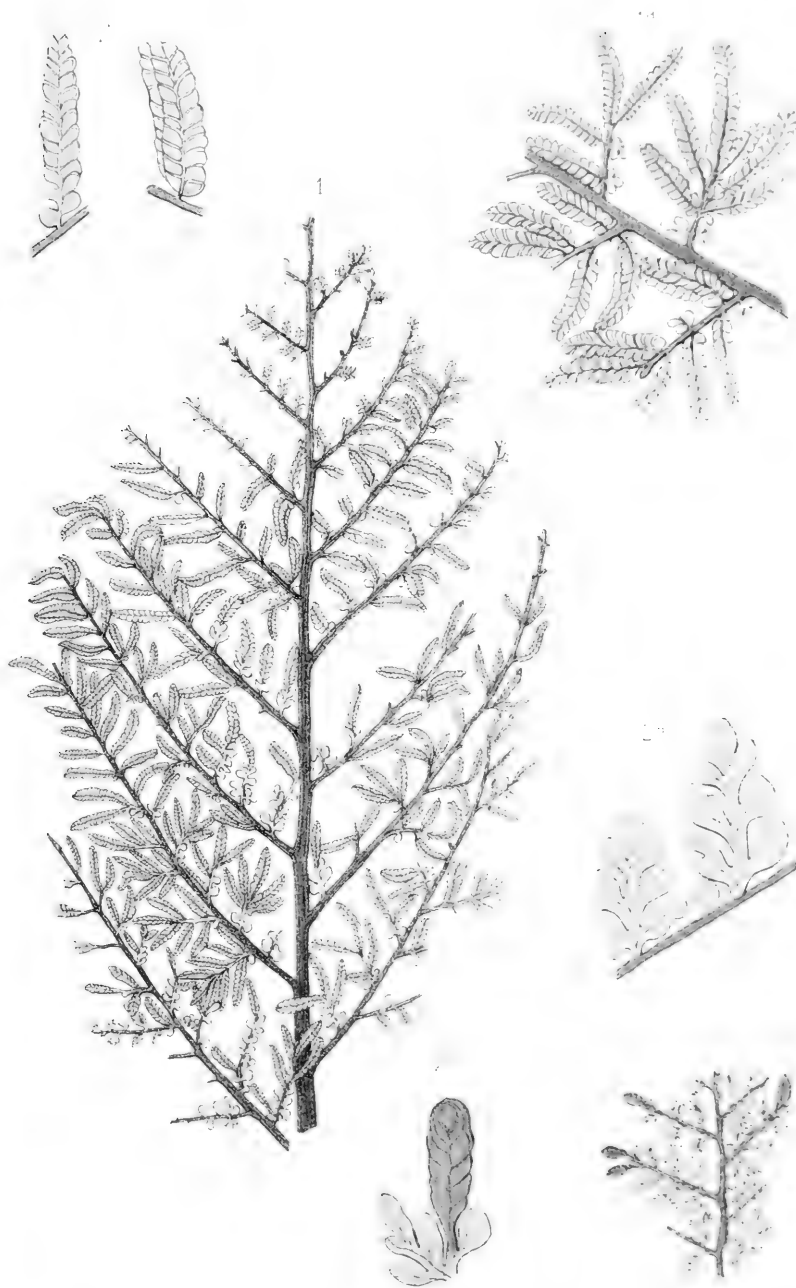
Imp. Lambert & Co. Paris

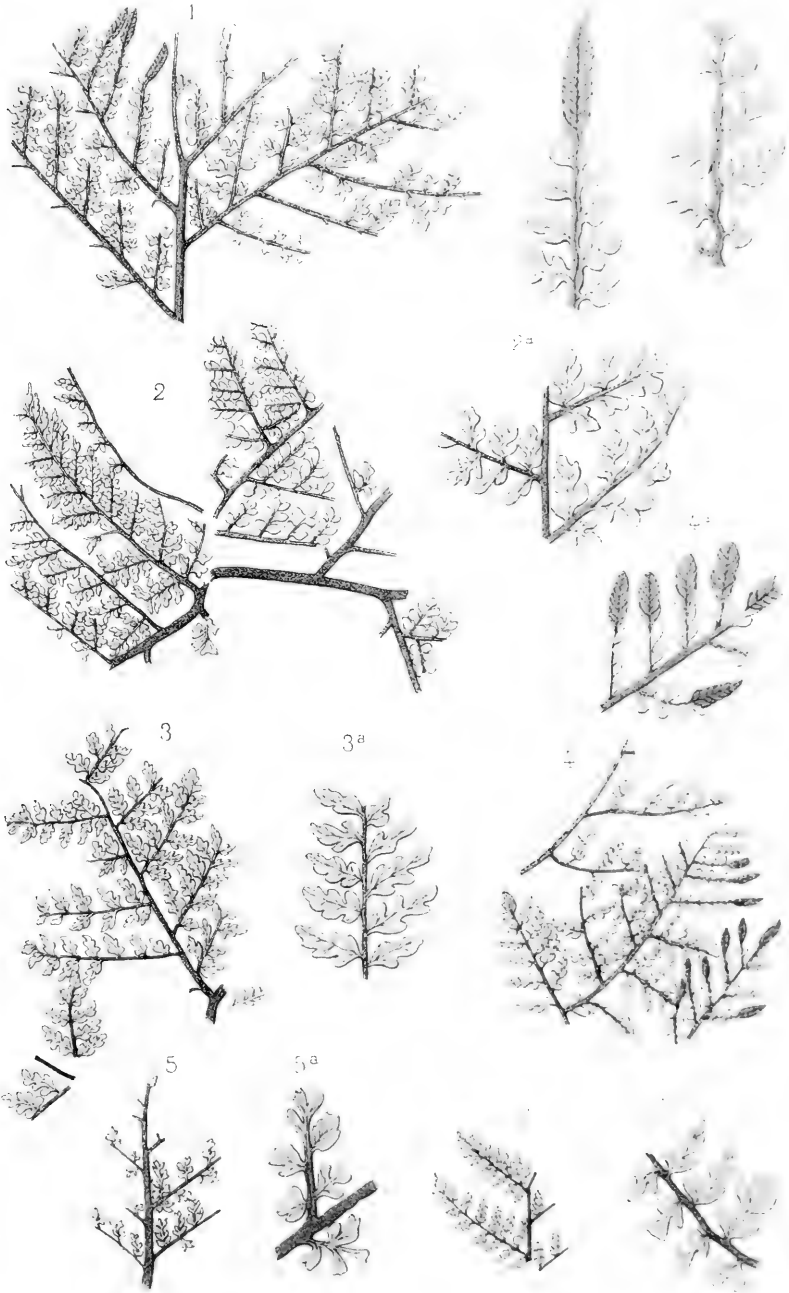
G. Masson, Editeur

A. Leubaldt

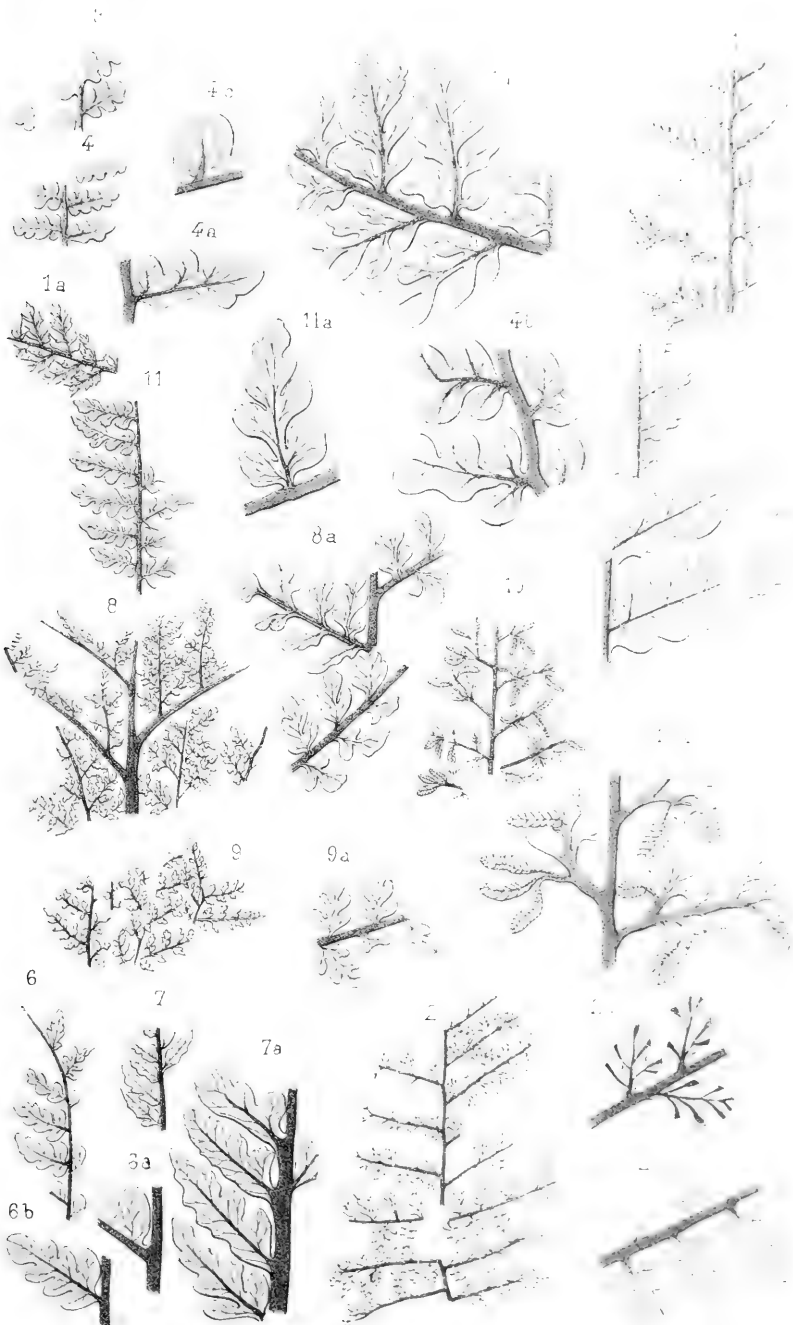
Paris, 1854











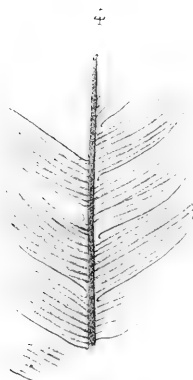
A Leuba lith.

G. Masson Editeur

Im. Lamerrier & Co. Paris

1-2. Hymenophyllites delicatulus Ség. — 3-6. Cladophlebis parvifolia Ség.





4a

6a



A Leuba lith

G. Masson Editeur

Imp. Lemercier & Co Paris

1. 6. *Ctenopteris cycadea*, Brngt.





T. Jurassique Végétaux.

PL. JURASSIQUES.

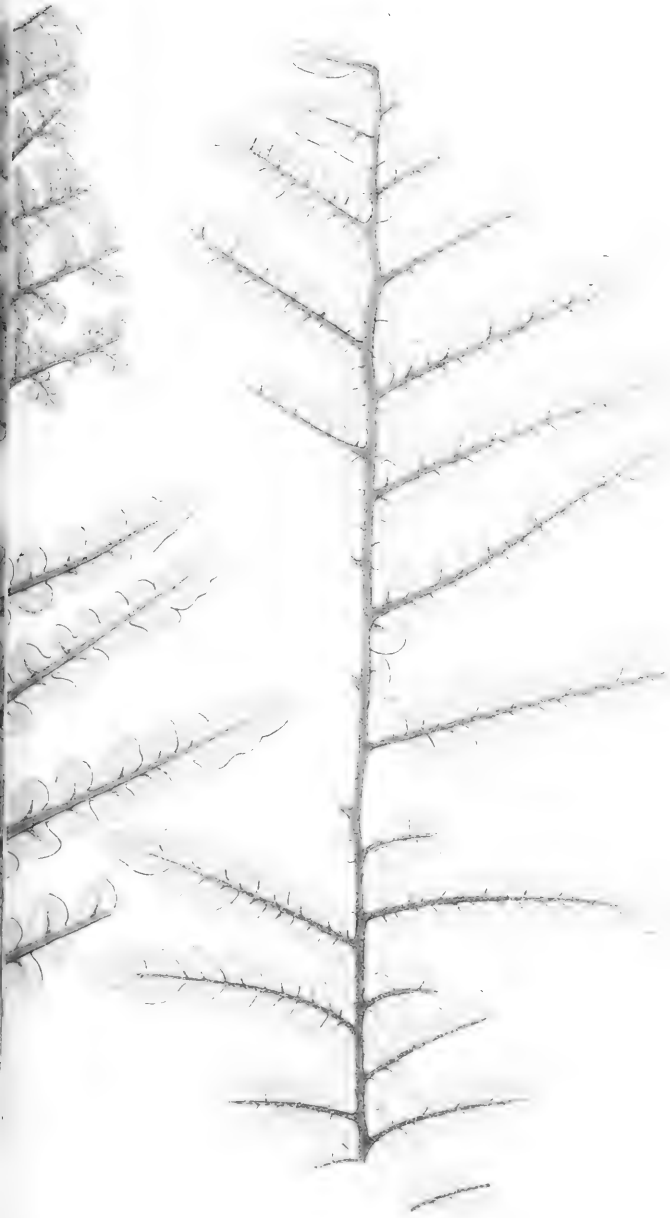


A. Leuba lith.

G. Masson.

1. 2. et 5. Sphenopteris Chauff.

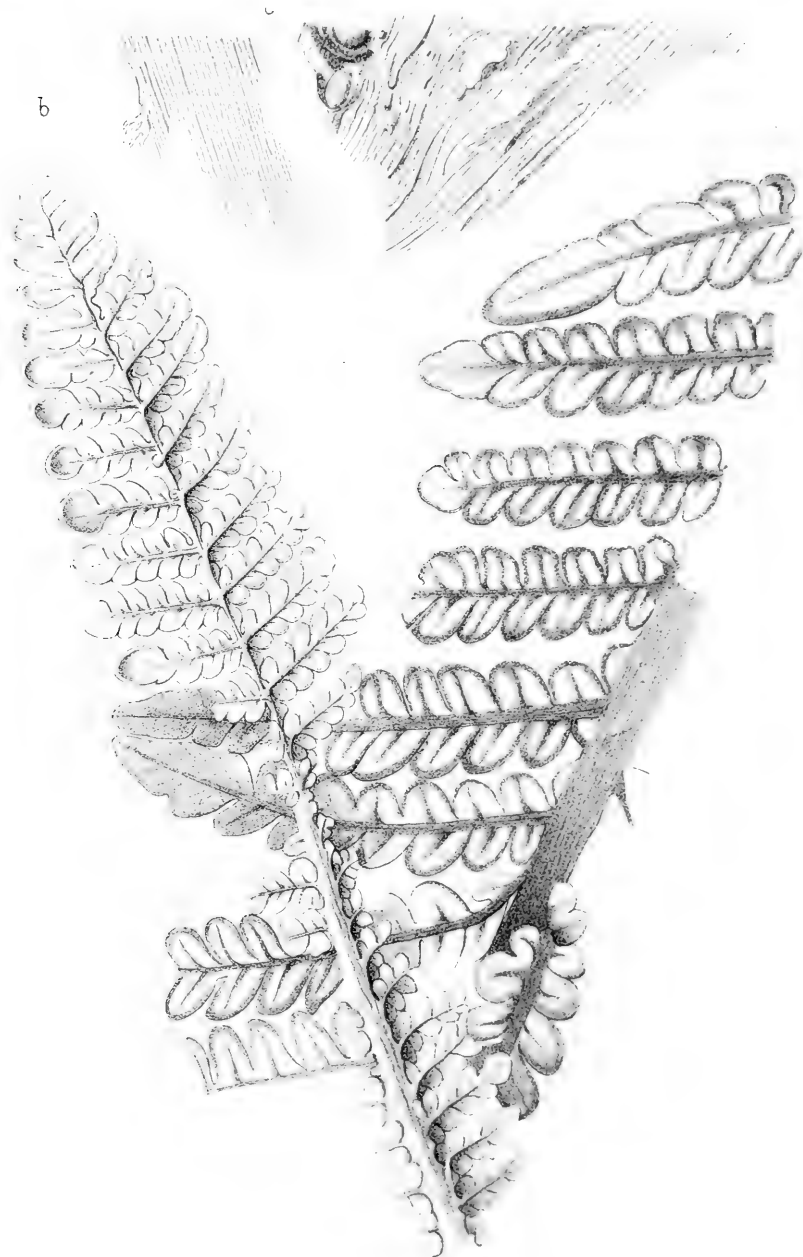
4. Cladophlebis Moissenet.



, Hr. — 3. *Sphenopteris tenuior*, Sap.

— 6-7. *Lomatopteris liasina* Mor.





A. Letitia lith.

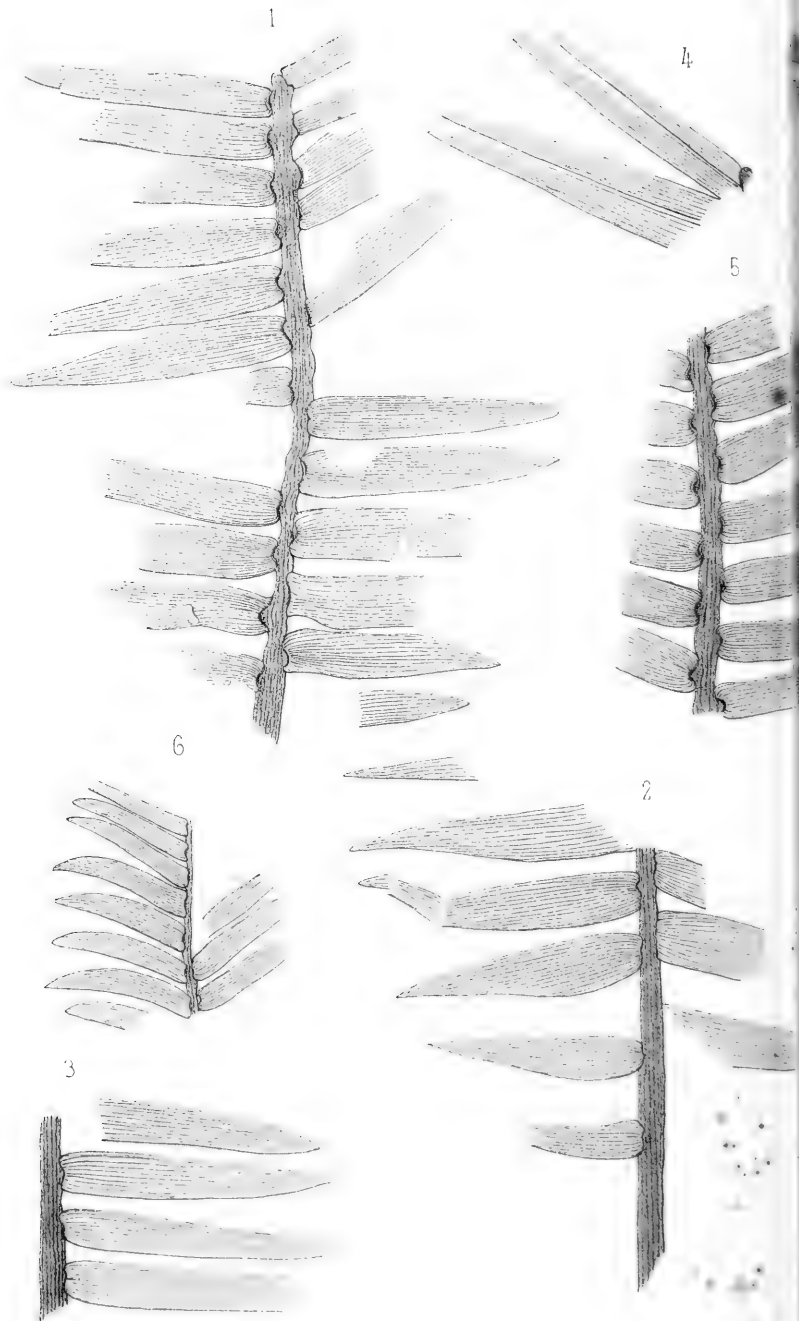
G. Massen Editeur

Imp. de la Revue A. D. Paris

1. Lomatopteris burgundiaca, Sar

T. Jurassique Végétaux.

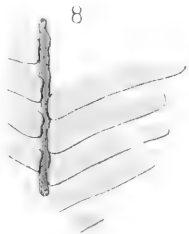
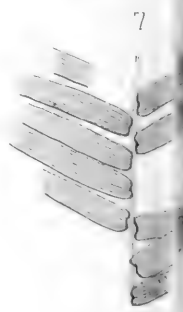
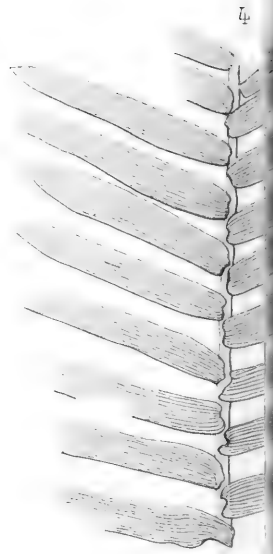
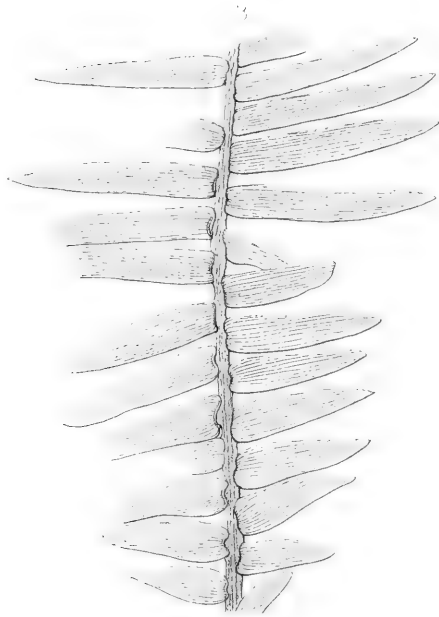
PL. CCXCV.







T. Jurassique Végétaux.
PL. CCXCVI.









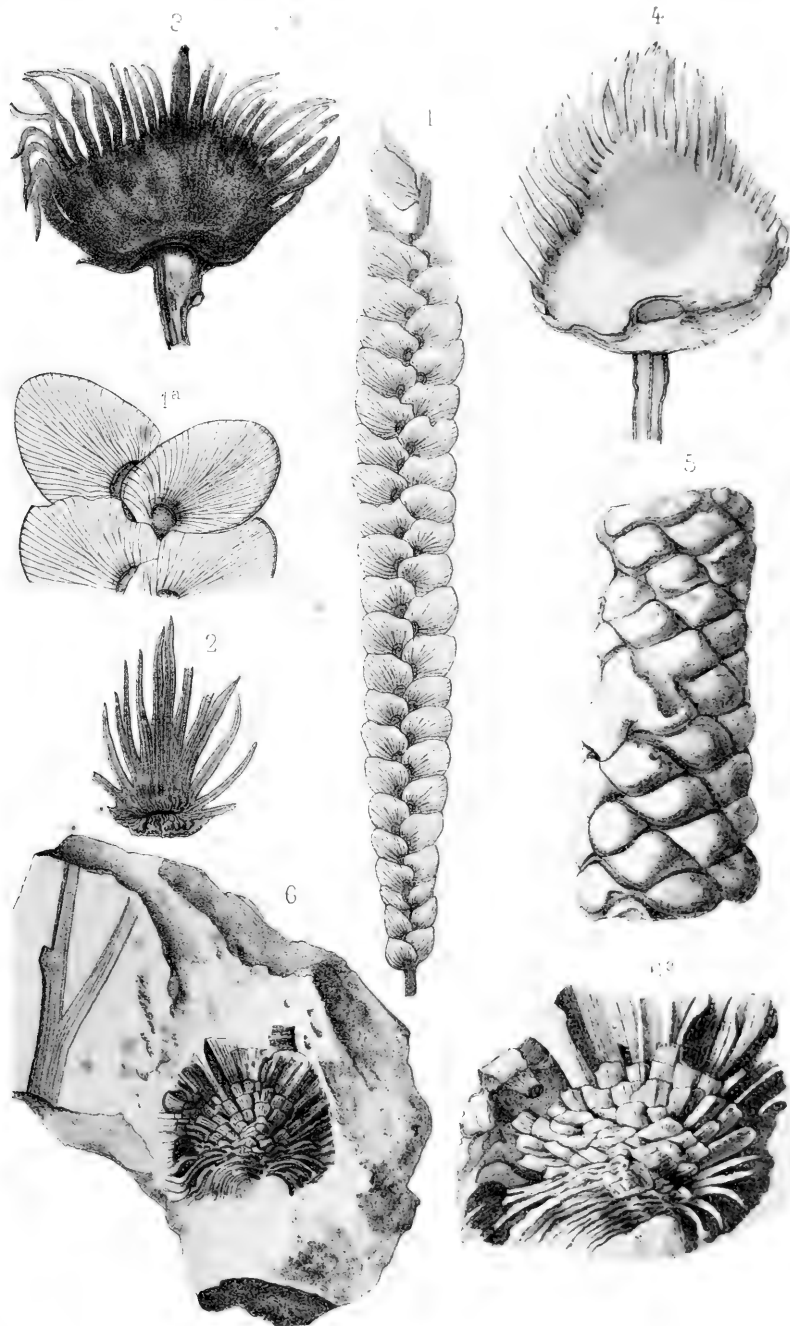
A. Leuba lith.

G. Masson del.

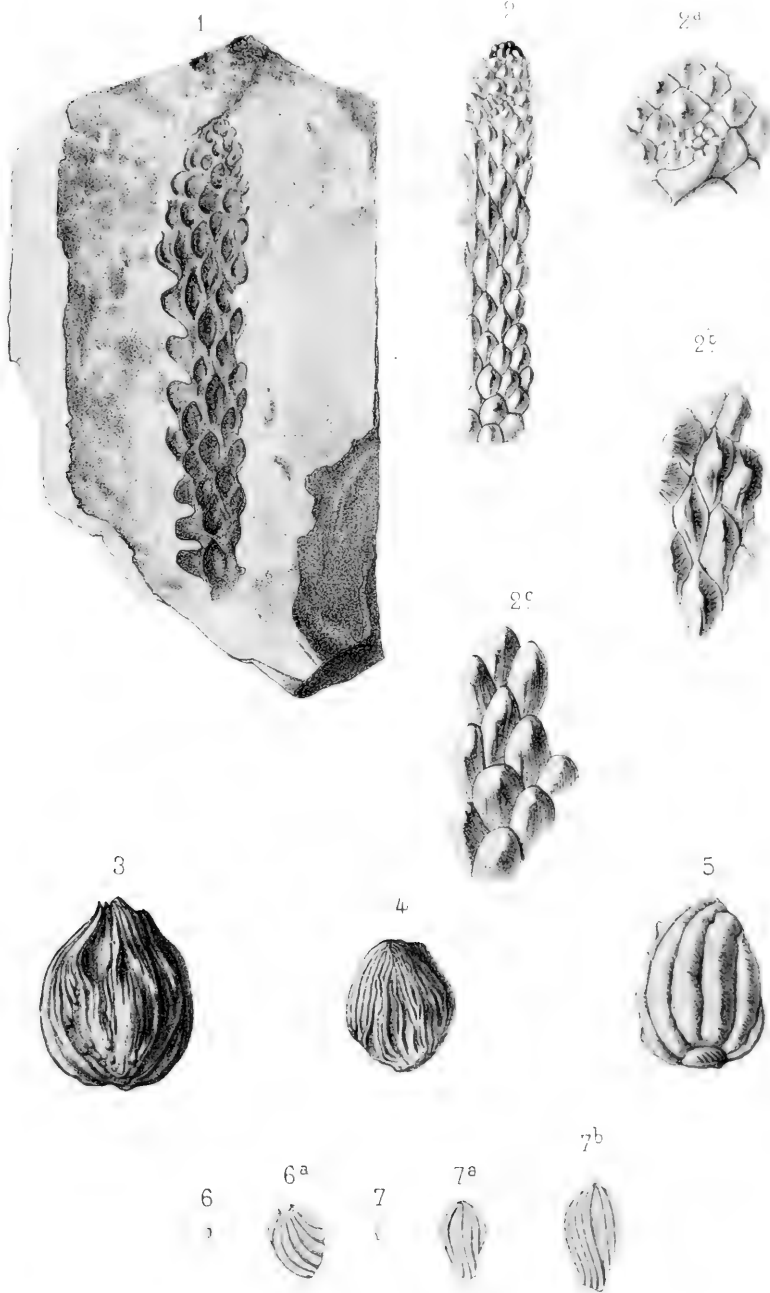
Paris, chez M. Moitteux.

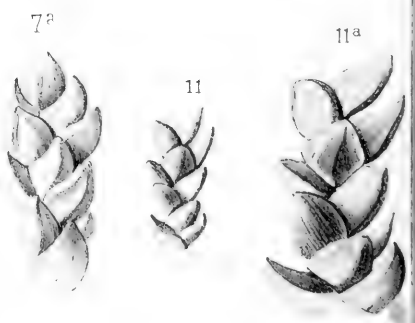
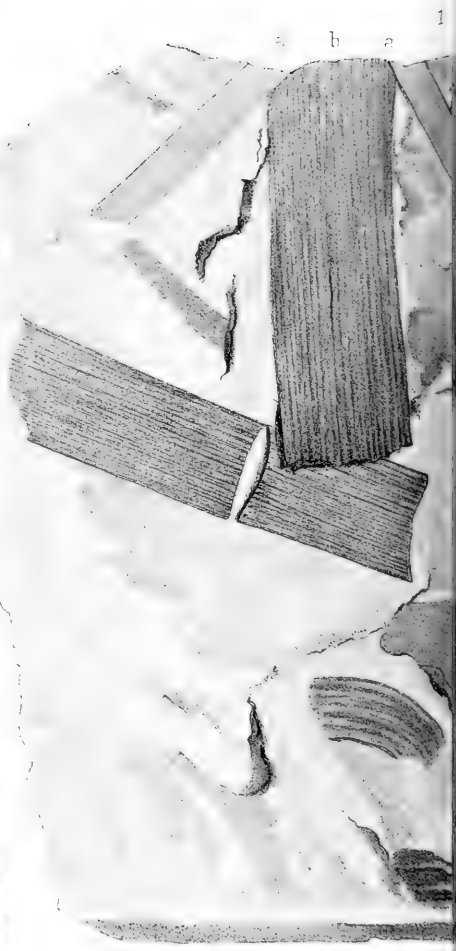
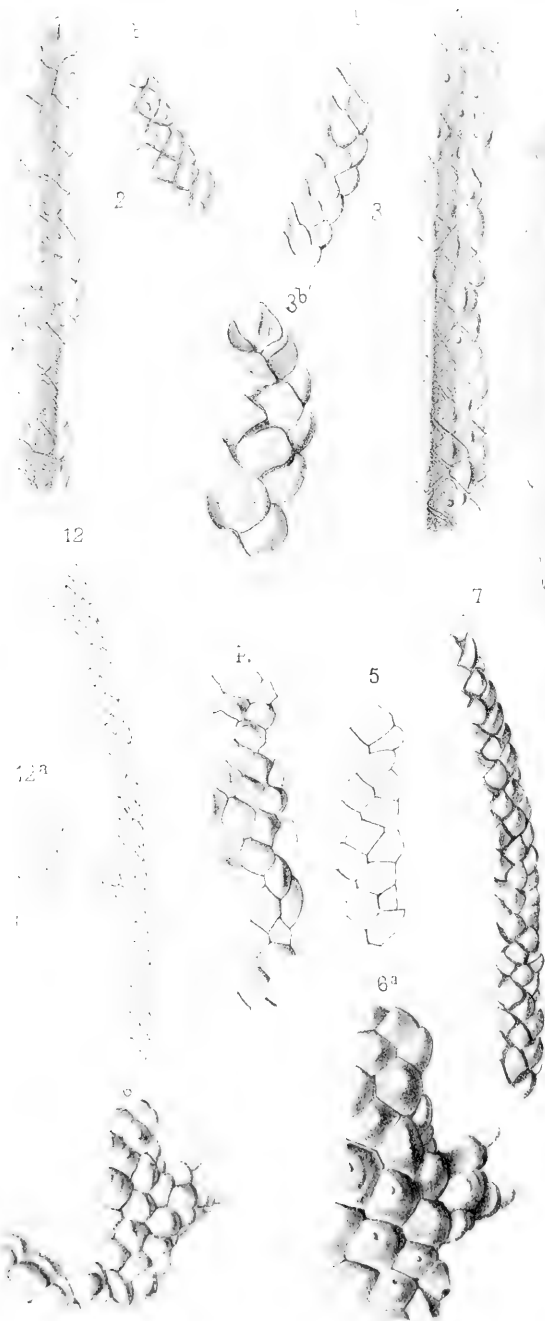
1. *Marmites flexus*, Sap.
2. *Otozarrites Harroqueti*, Por.







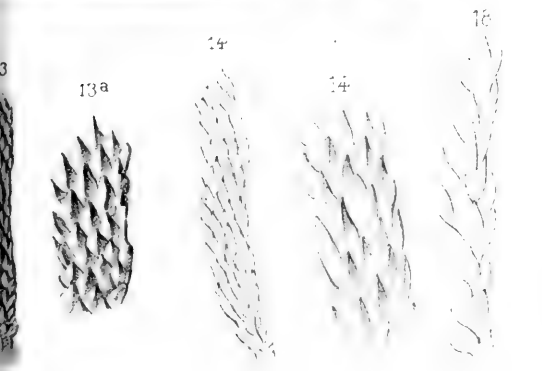
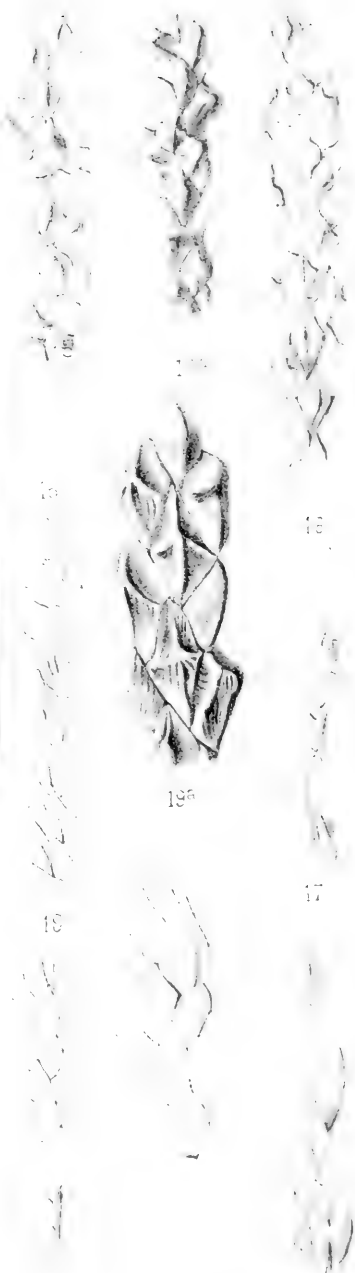
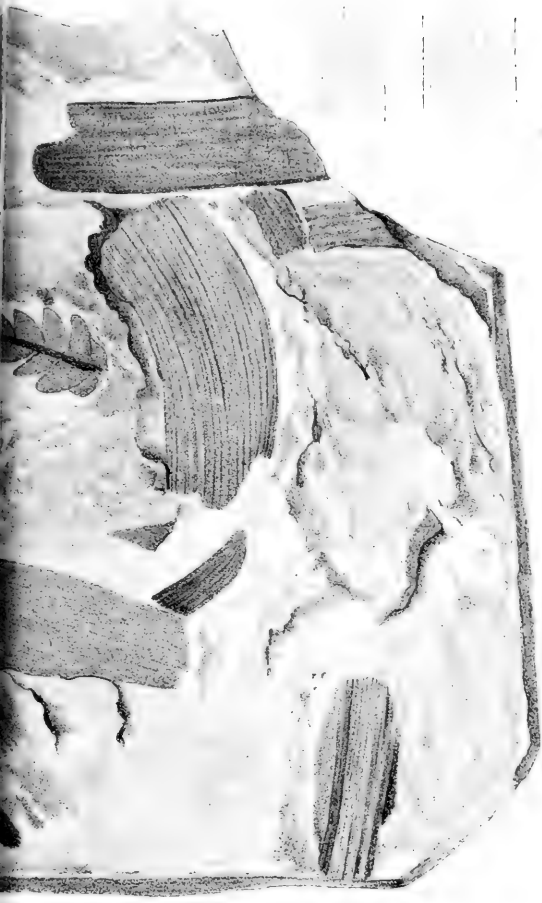




A. Leubaldh.

G. Ma...

1. *Yuccites angustifolius*, Sap. — 2, 3 et 7. *Brachyphyllum*







A. Leubalith.

G. Masson, Editeur.

Imp. Lemercier & Co. Paris

1. Zonarites gracillimus, Sap. — 2. Lenchopterus rugosula Sap.







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