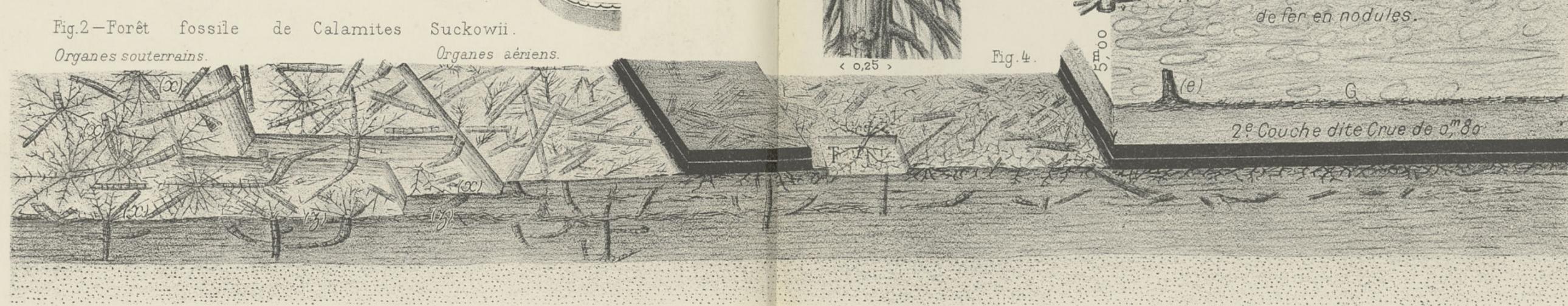
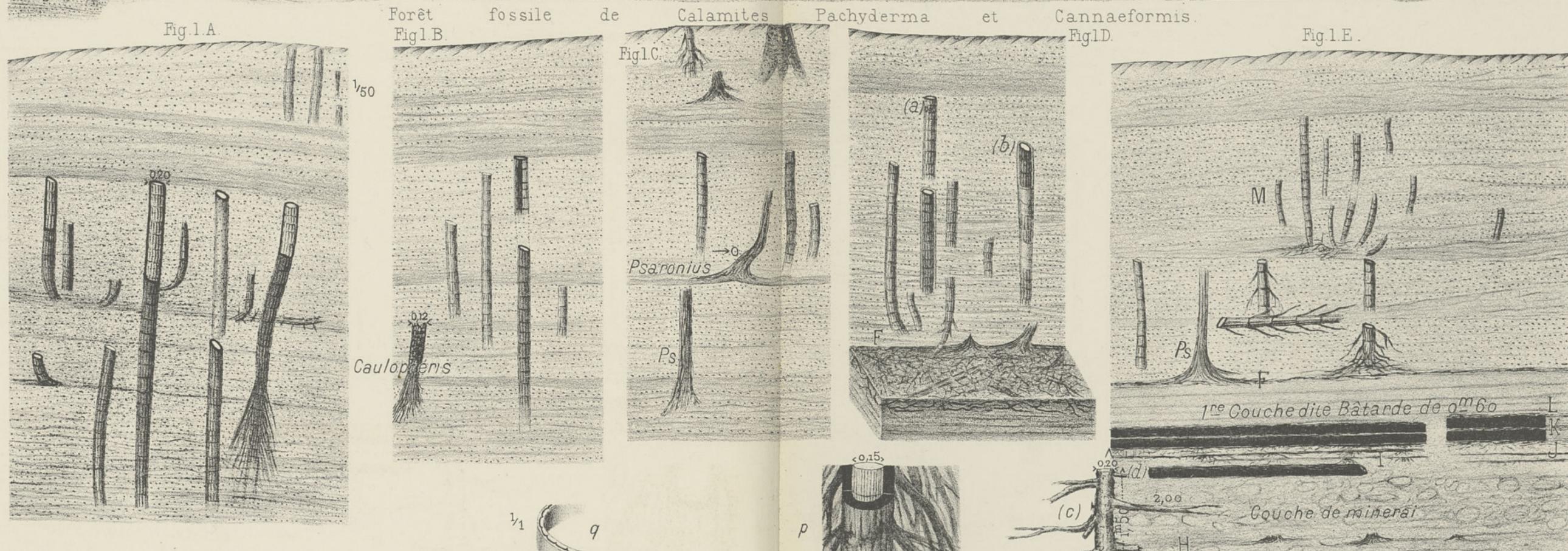
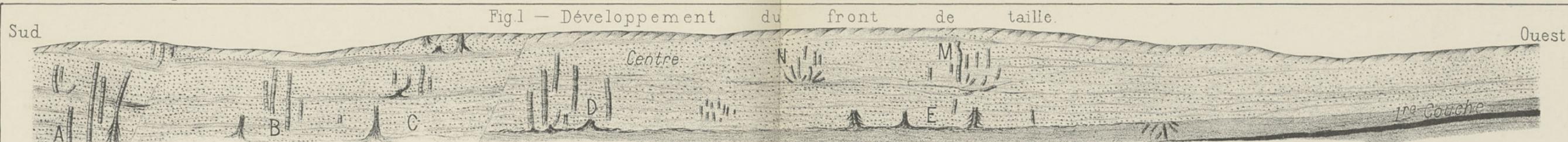


# Carrières du Treuil – Forêts de Calamites

Grand Eury – Recherches géobotaniques sur les forêts fossiles.

Pl. I.



Ch. Béranger, Editeur, Paris.

Imp. M. Bléjean.

Dessiné par Grand Eury.

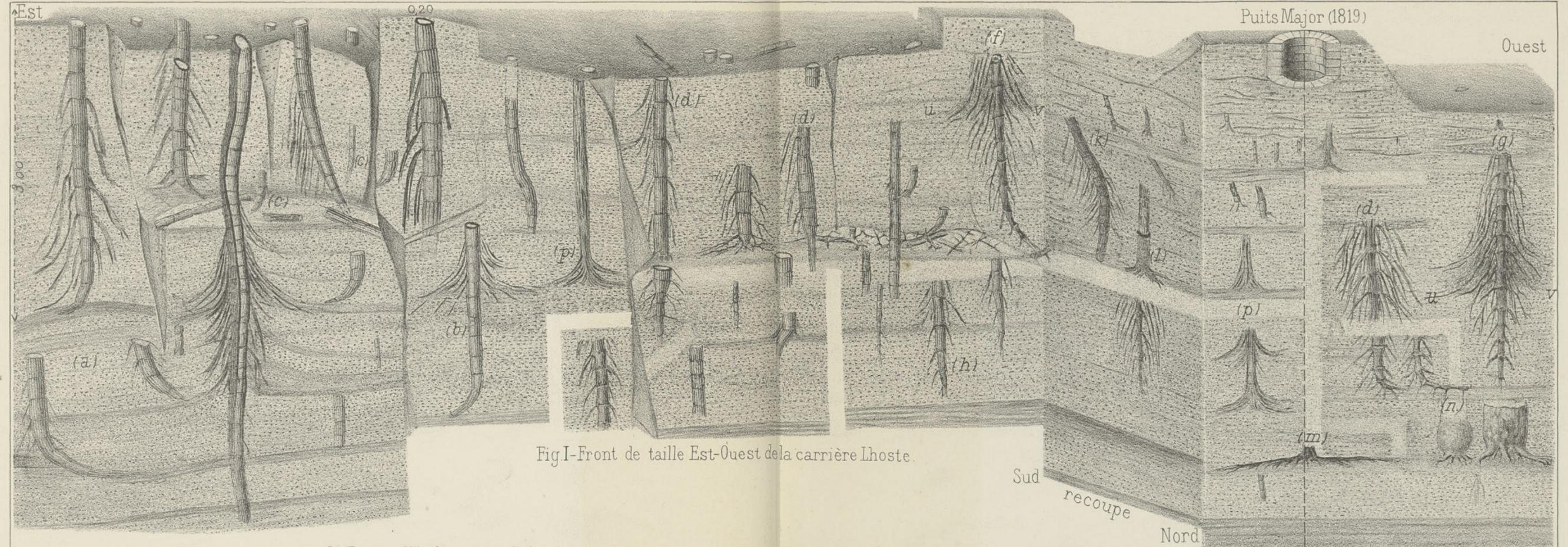


Fig. 1-Front de taille Est-Ouest de la carrière Lhoste.

Fig. 2-Forêts d'Arthropitus de la guinguette.

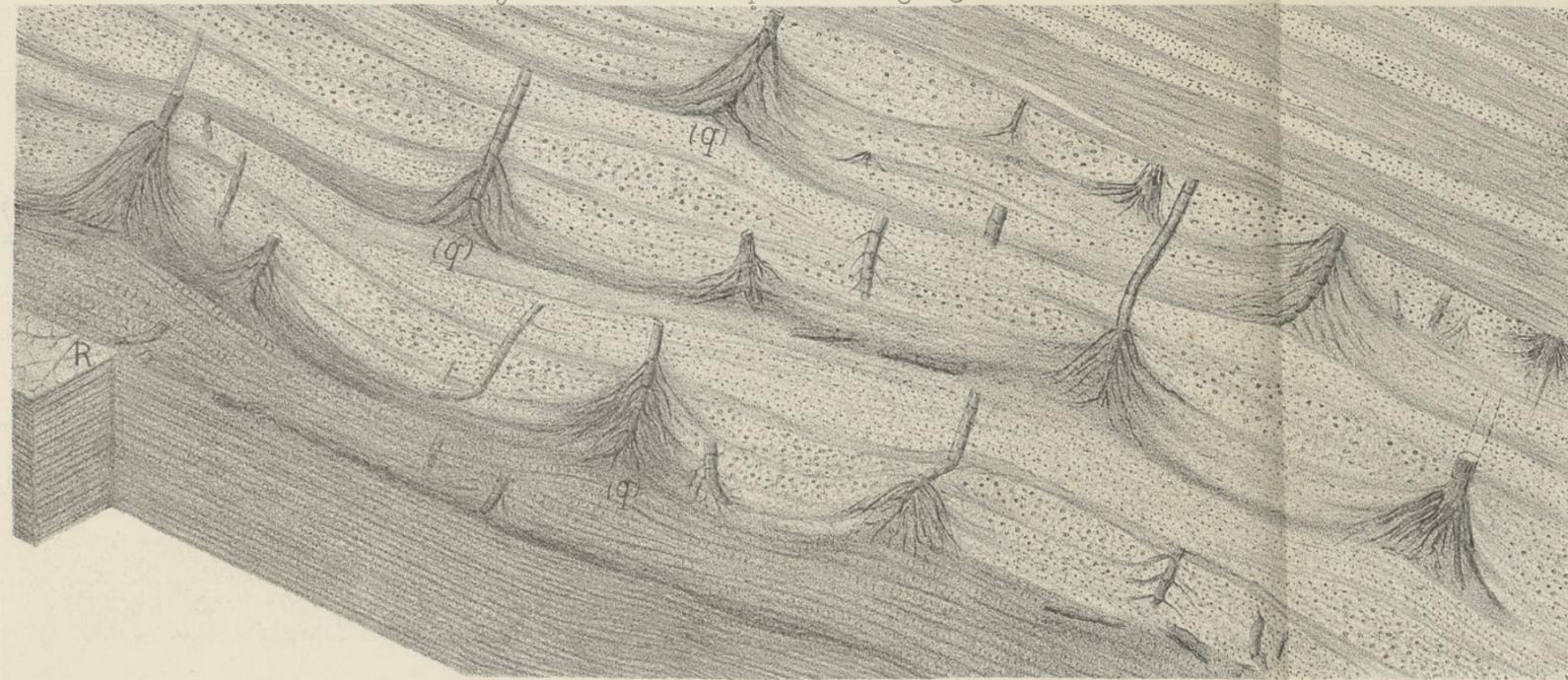
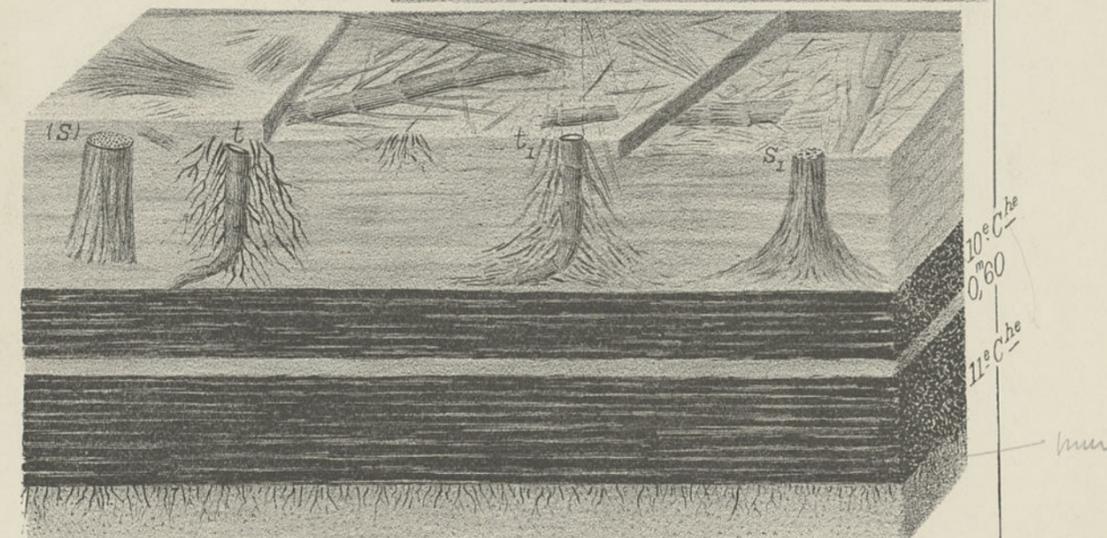


Fig. 3. Forêt Fossile du toit de la 10<sup>e</sup> couche au Treuil.



Dessiné par Grand'Eury.

Fig.1-Roche-la-Molière, à l'Est du puits Dolomieu. Forêt de Psaronius, de Calamites et de Calamodendron.

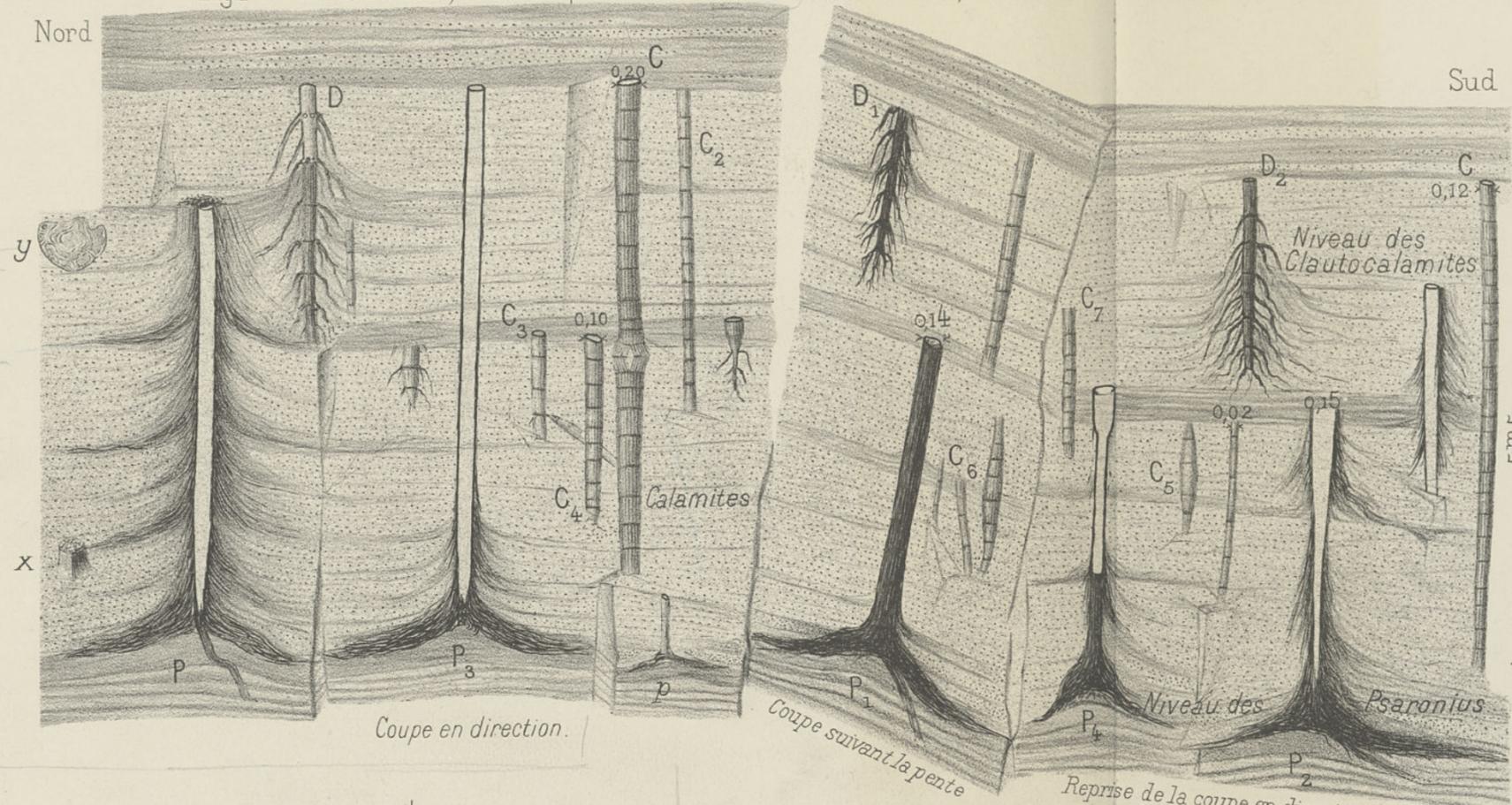


Fig.2 - Roche-la-Molière aux abords du puits de la Girardièrre ; Forêt de Calamites souterraines

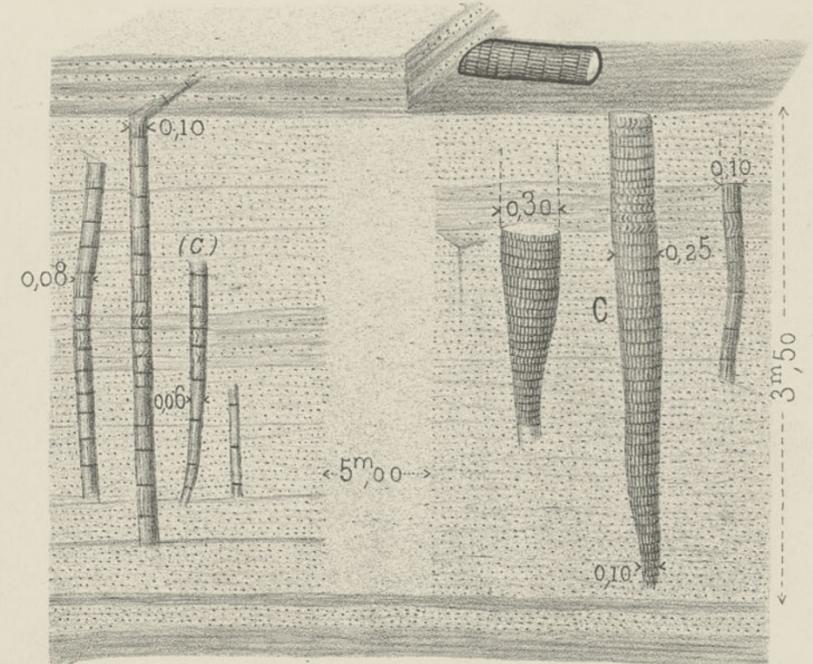


Fig.3 - S<sup>t</sup>Eloy et la Bouble ; Forêt de Psaronius de Calamites et de Calamodendron.

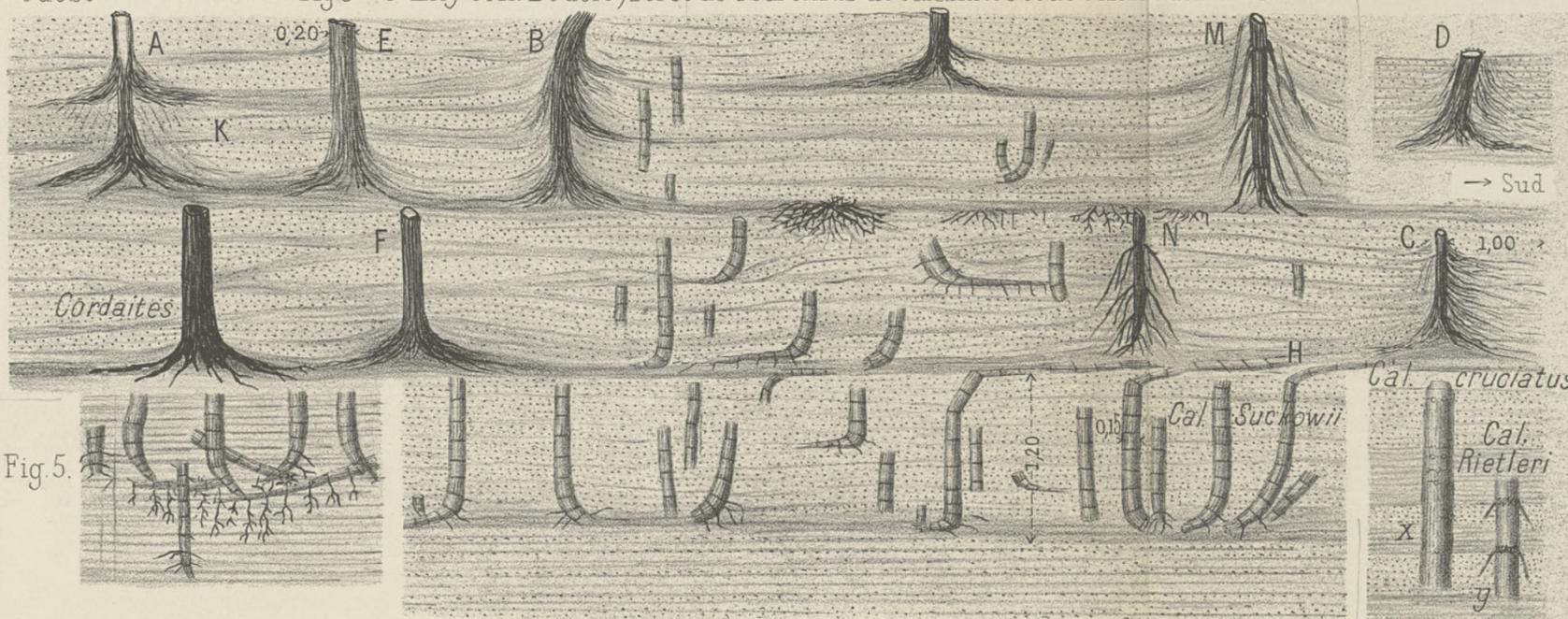


Fig.4. Forêt de Psaronius, de Calamites. Est

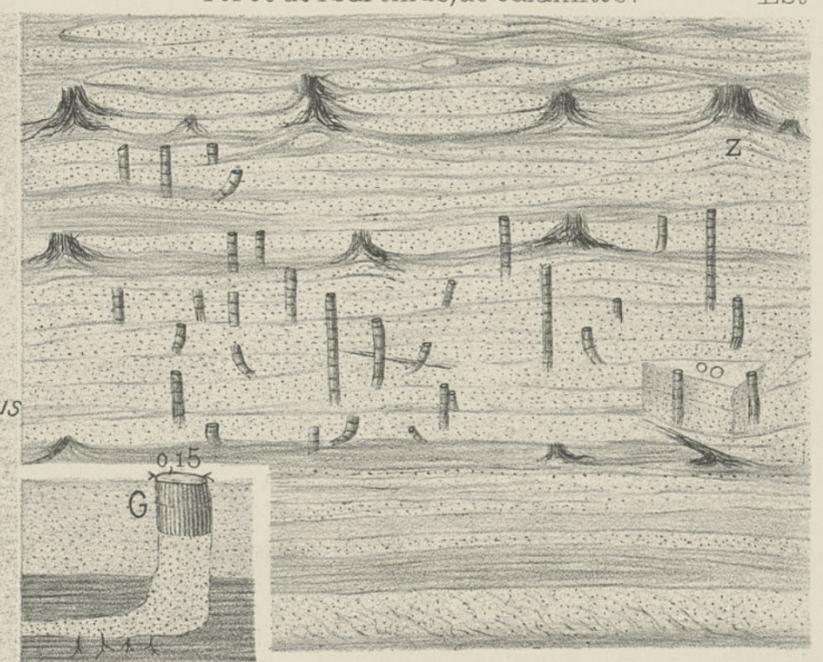


Fig.5.



2<sup>e</sup> cliqué

Fig.1 - Forêts et sols fossiles de végétation.

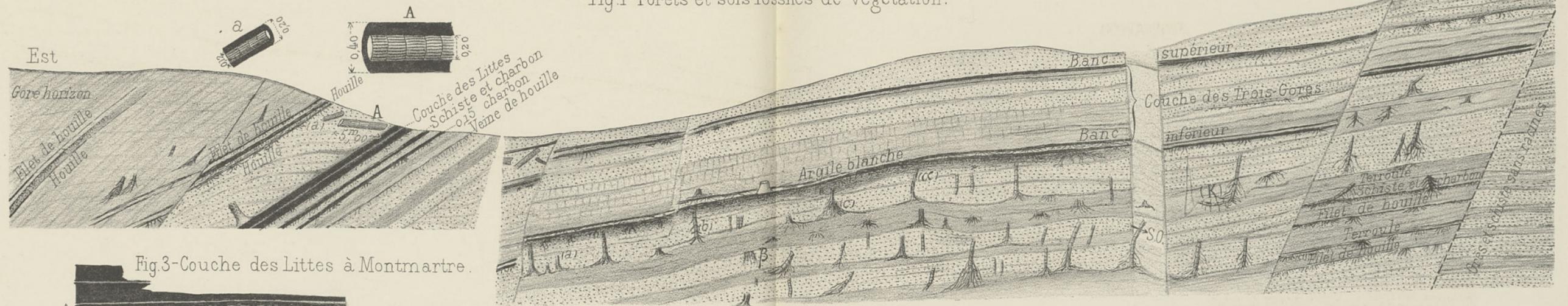


Fig.3 - Couche des Lites à Montmartre.

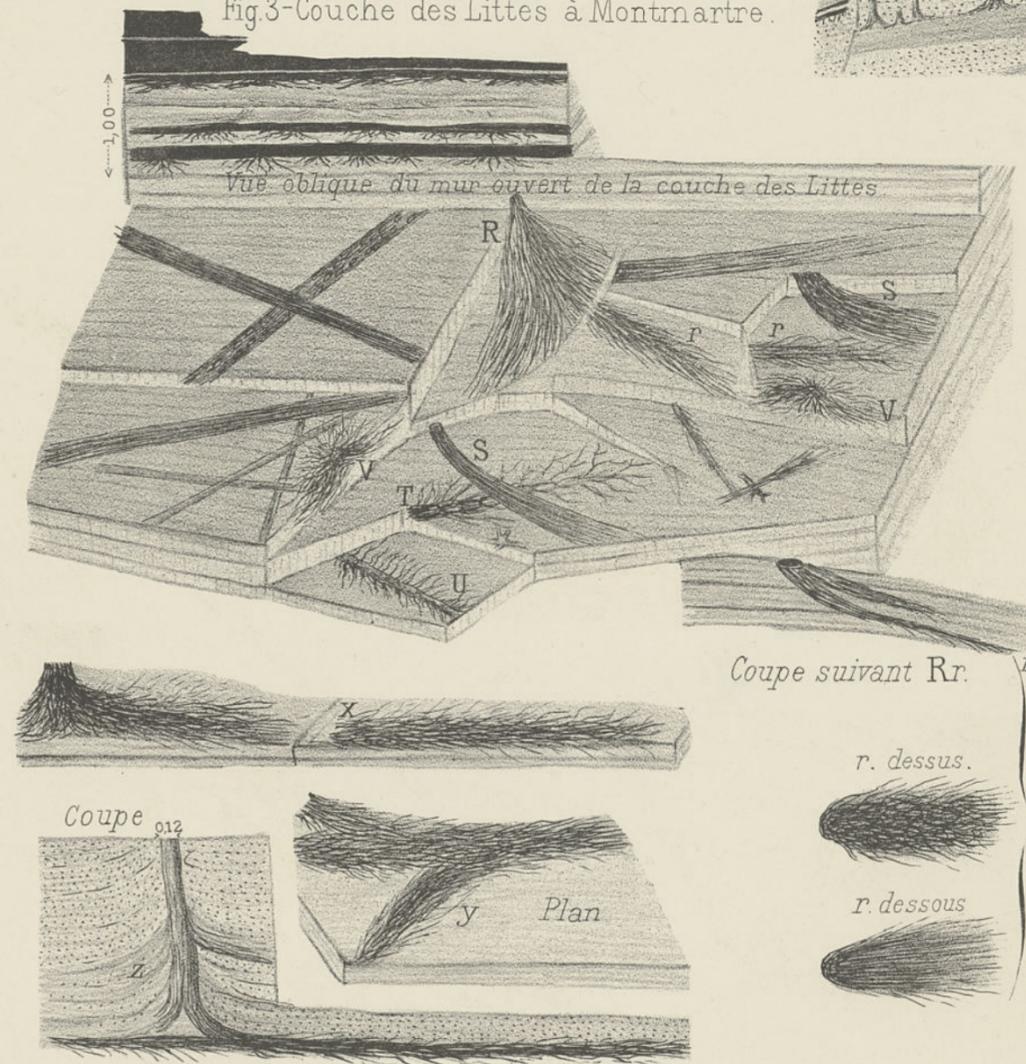


Fig.2 - Circonstances de gisement de quelques tiges enracinées.

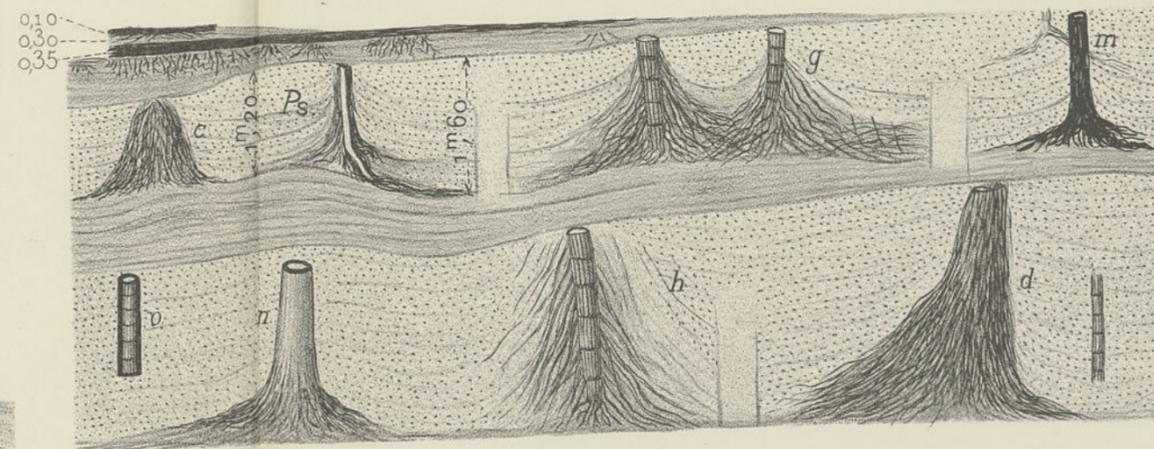


Fig.5 - Coupe Nord-Sud du mur de la couche des Lites à Montrambert.

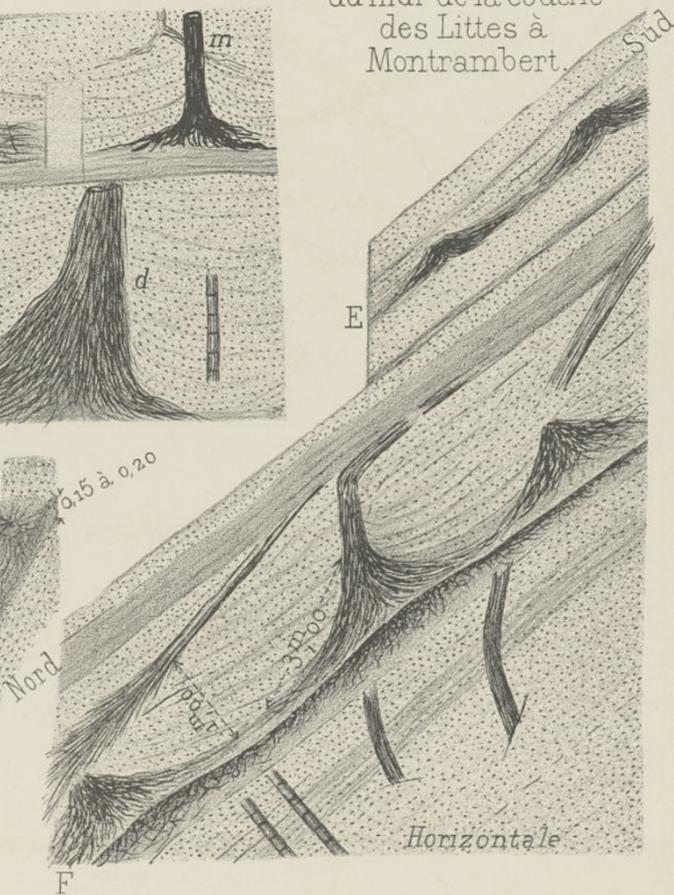
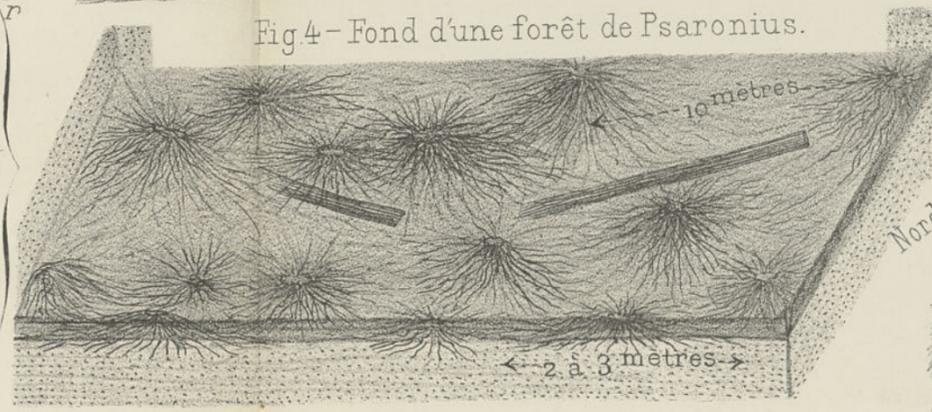


Fig.4 - Fond d'une forêt de Psaronius.



Forêts fossiles de Cordaites.  
("Le Marais-L'Éparre")

Grand'Eury-Recherches géobotaniques sur les forêts fossiles.

Fig. 2 - Forêt fossile du Marais.

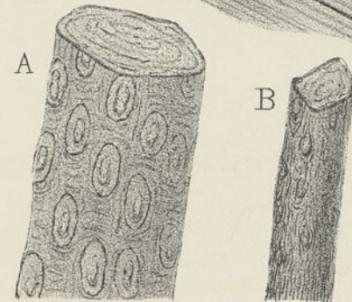
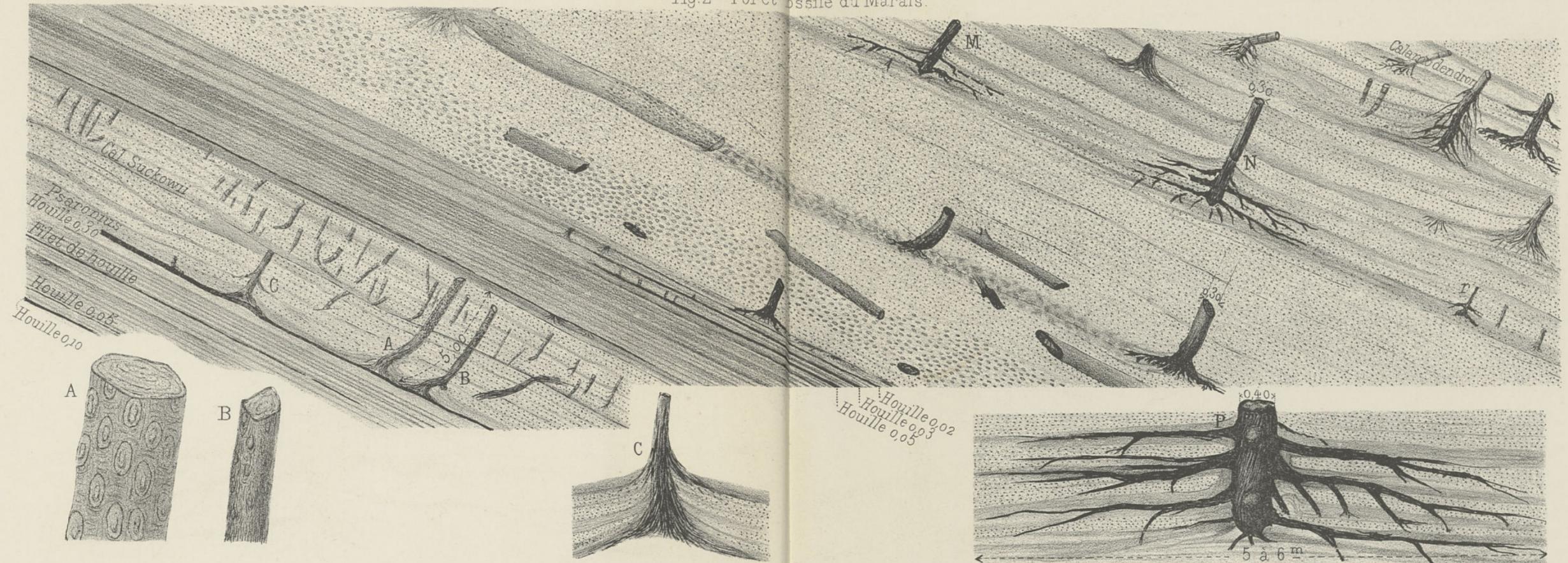


Fig. 3.

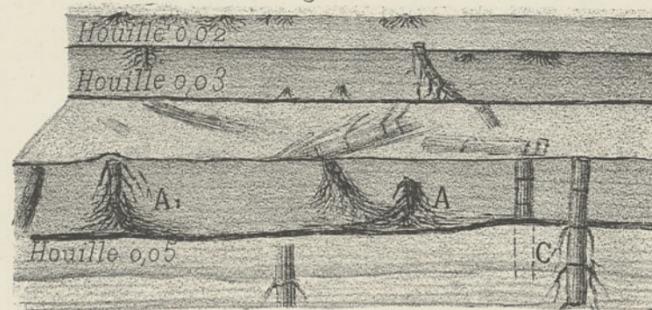


Fig. 4 - Charbon d'Aléthropteris Grandini.

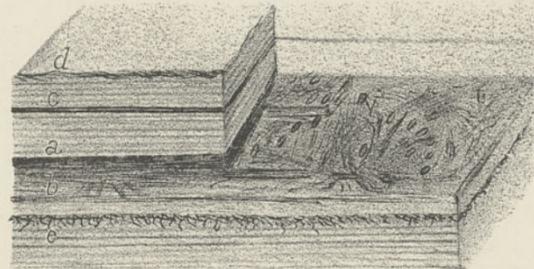
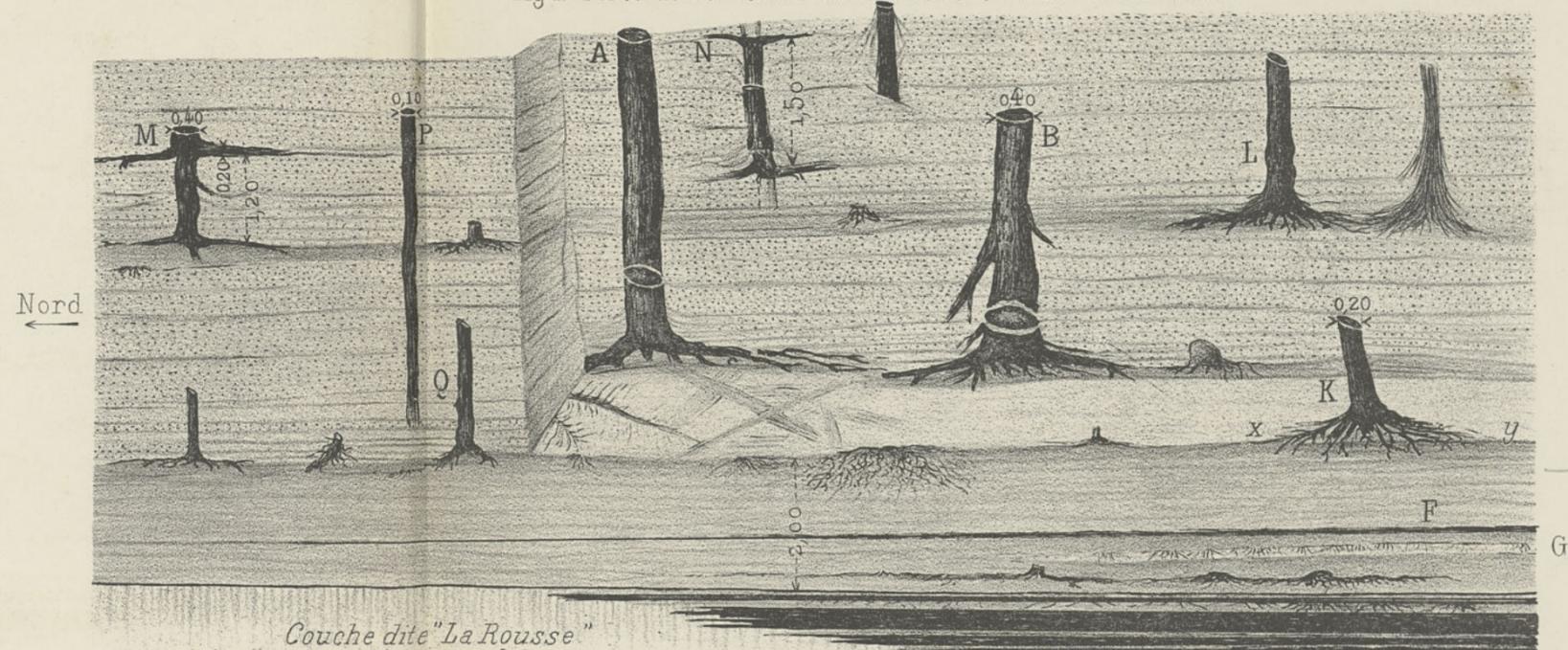


Fig. 1 - Forêt de Cordaites au toit de la couche "La Rousse"

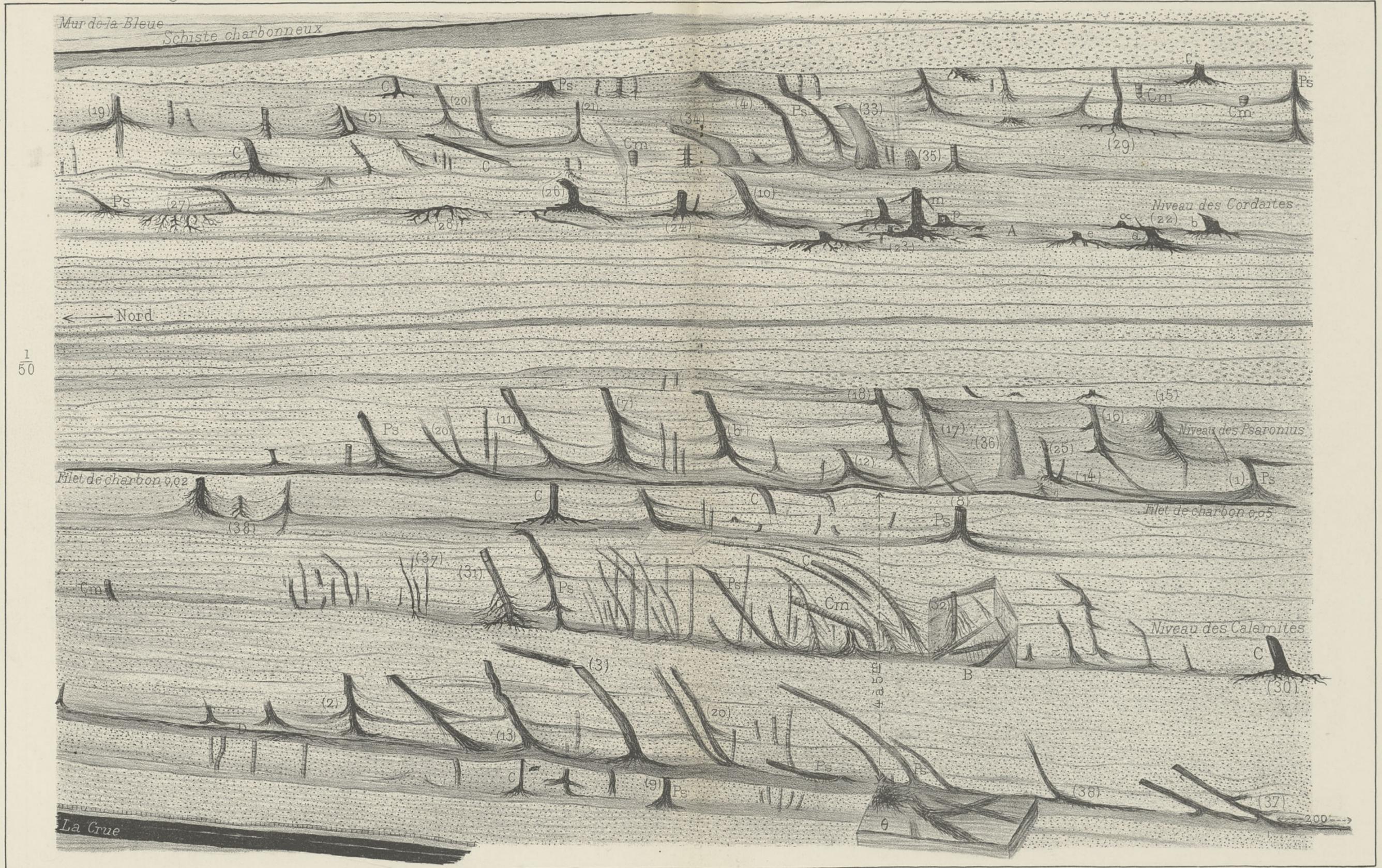


Couche dite "La Rousse"

Forêt fossile multiple de l'Eparre.

Grand'Eury-Recherches géobotaniques sur les forêts fossiles

Pl. VI.



# Forêts fossiles des Chaumières.

Grand'Eury-Recherches géobotaniques sur les forêts fossiles.

Pl. VI bis

Fig 1.



Fig. 2.

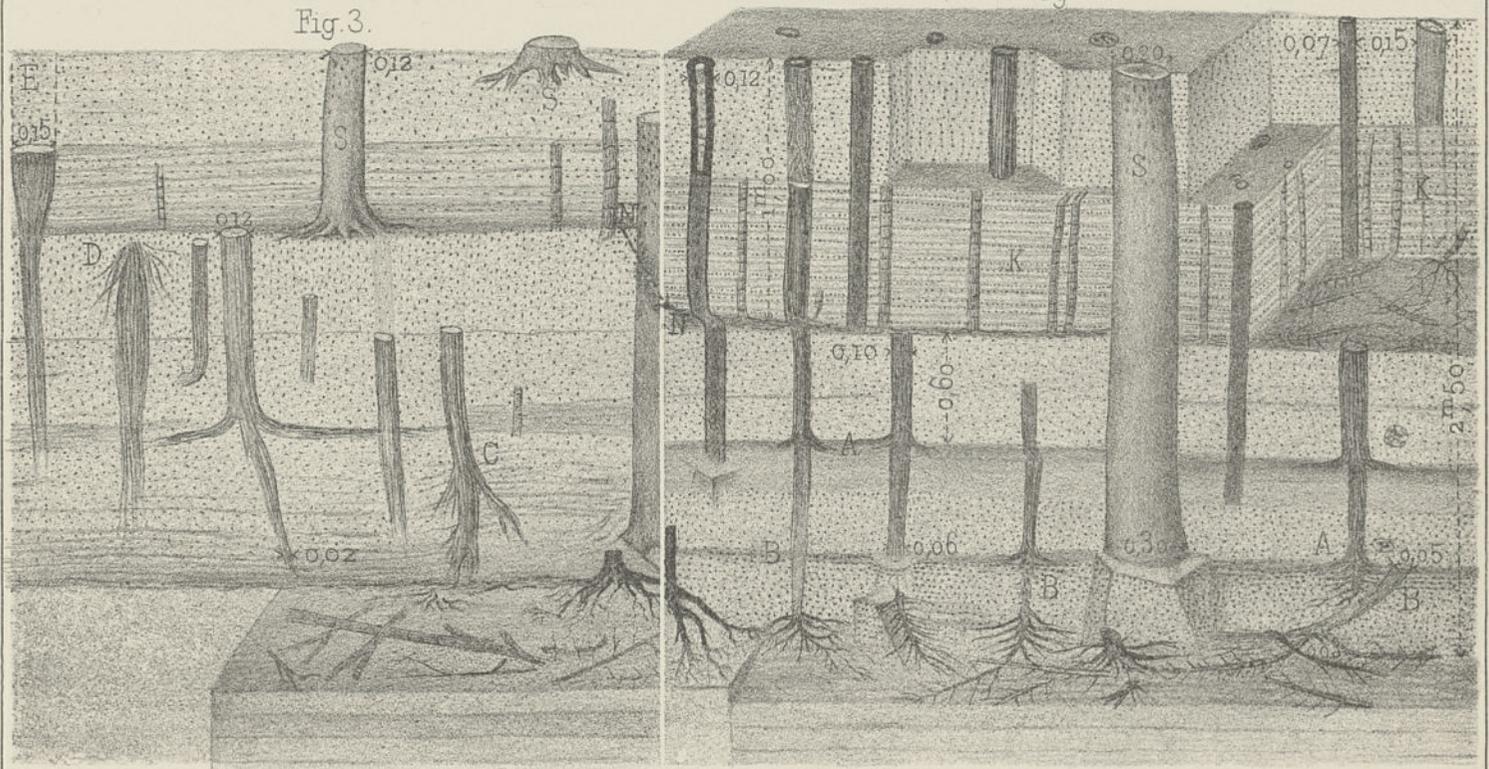


Fig. 3.

Ch. Béranger, éditeur, Paris

Imp. M. Bléjean, Paris.

Dessiné par Grand'Eury.

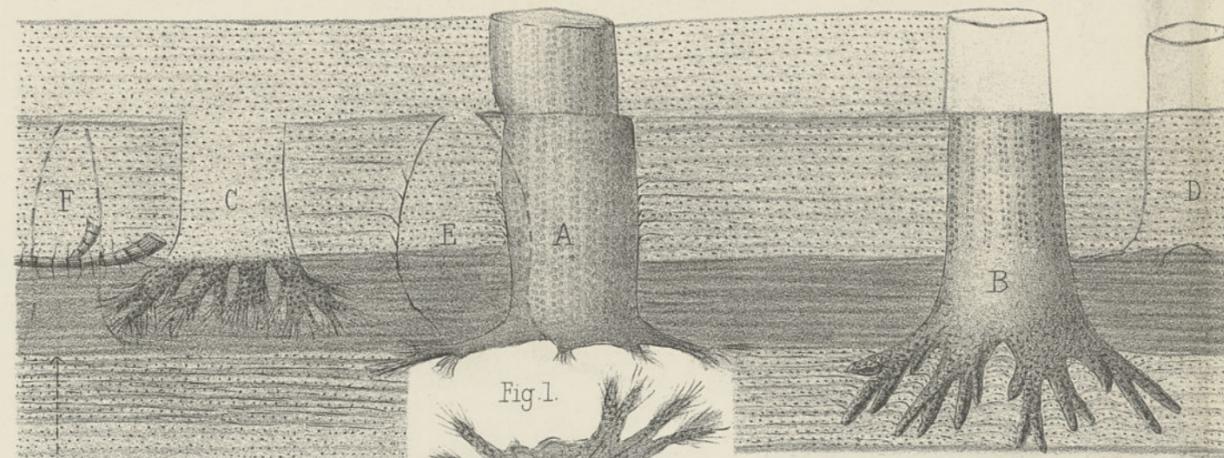


Fig. 1.

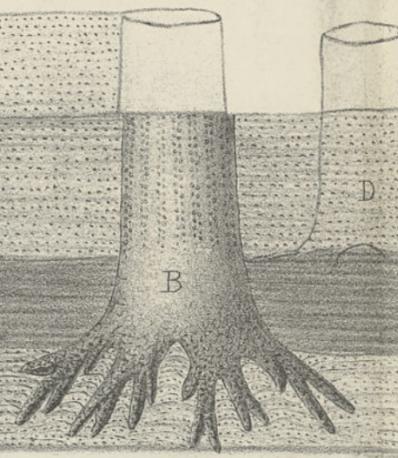


Fig. 6.

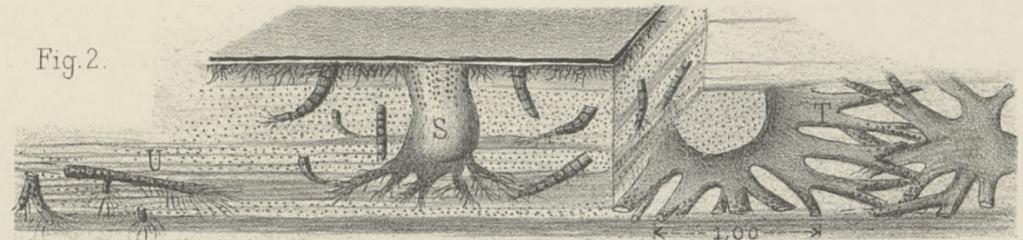


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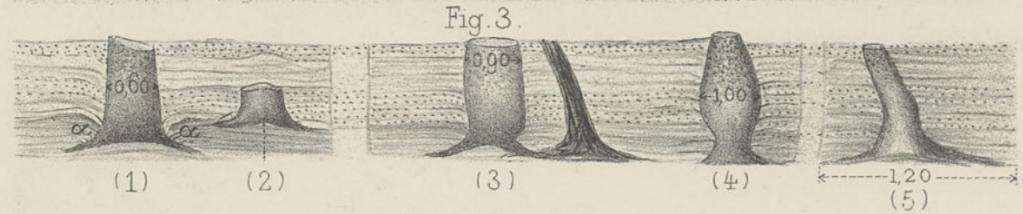


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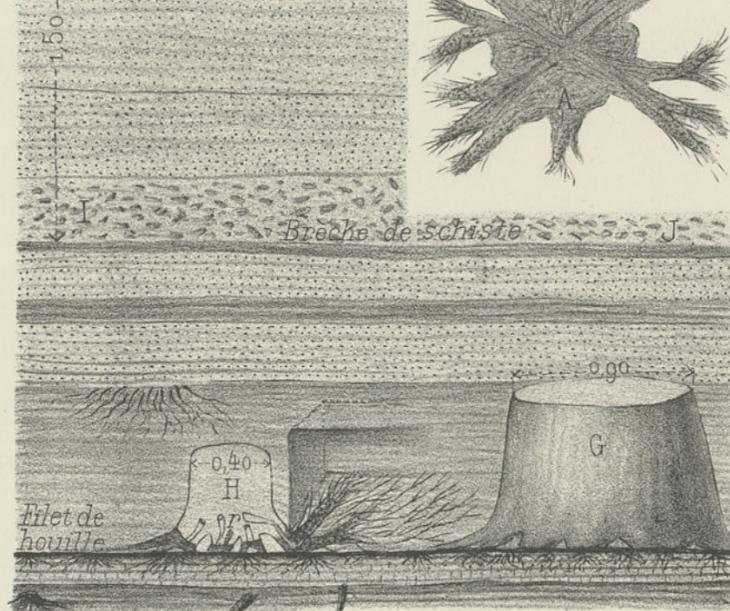


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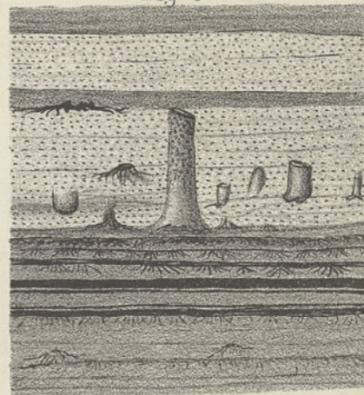


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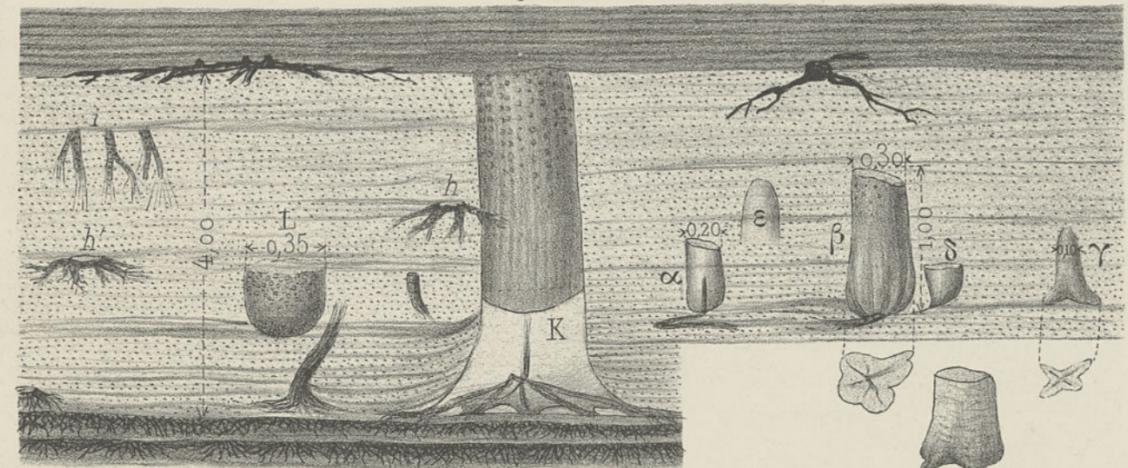


Fig. 7.

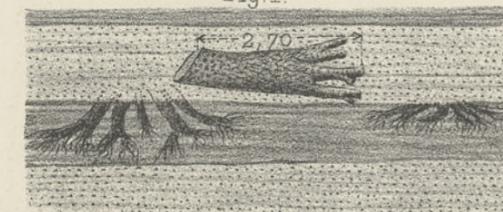


Fig. 4'.

Fig. 4''.

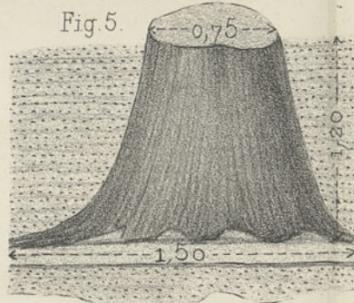


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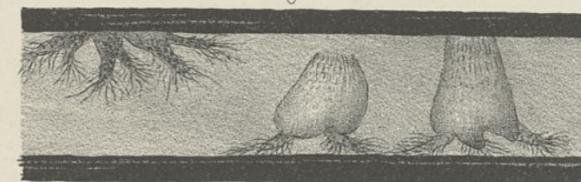


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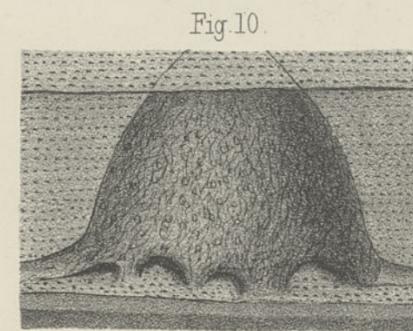


Fig. 10.

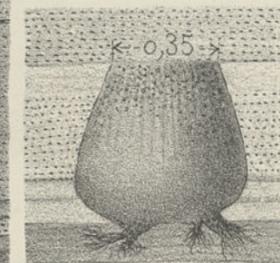


Fig. 9.



Fig. 4'.

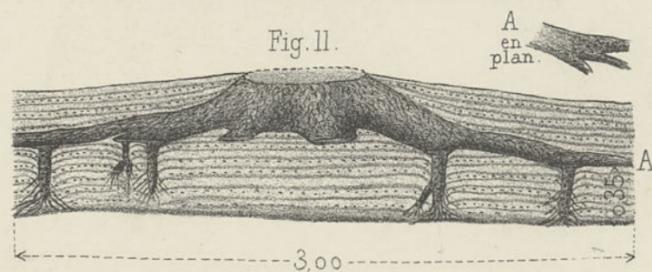


Fig. 11.

A en plan.

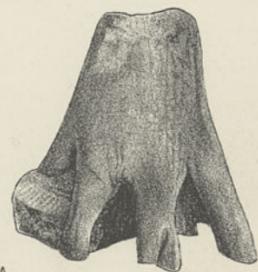
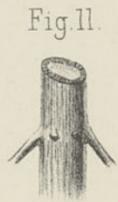
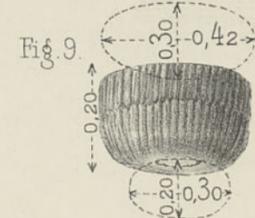
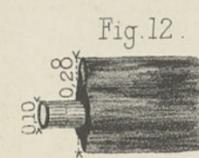
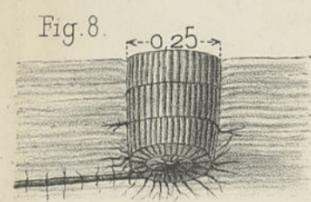
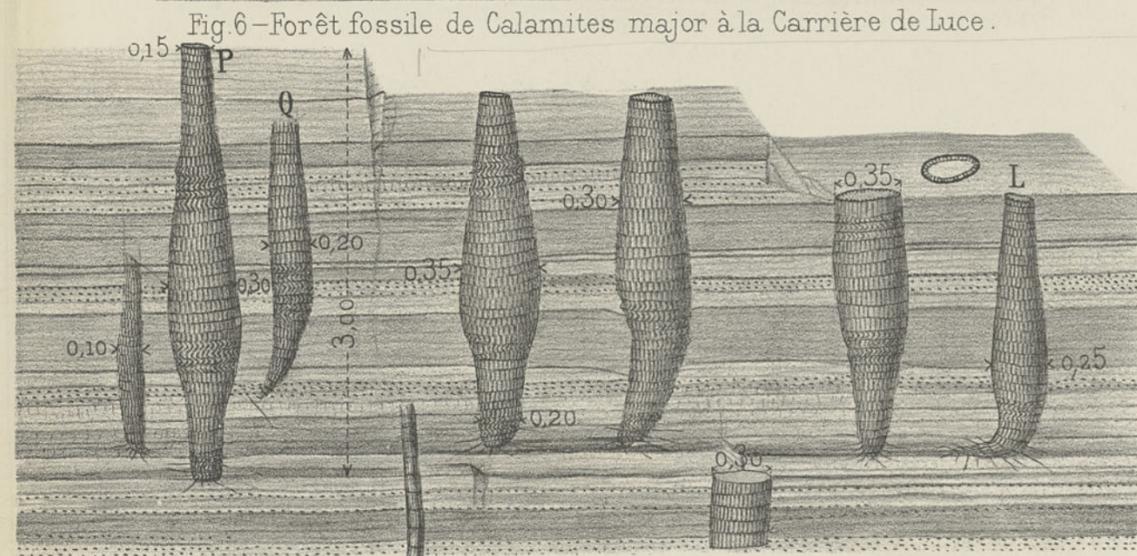
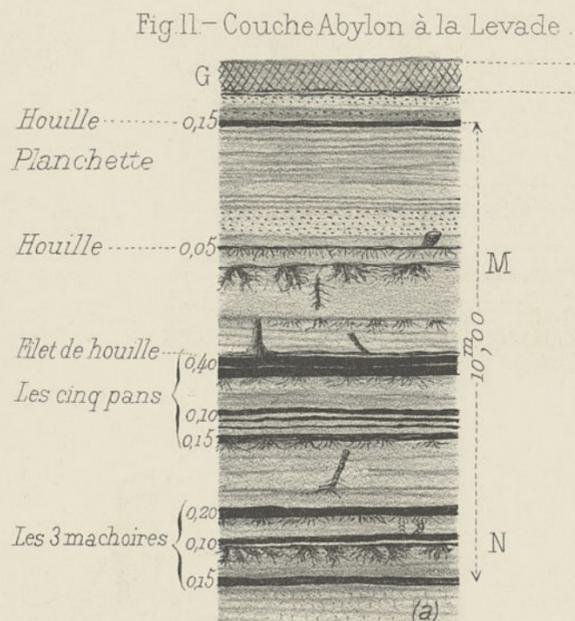
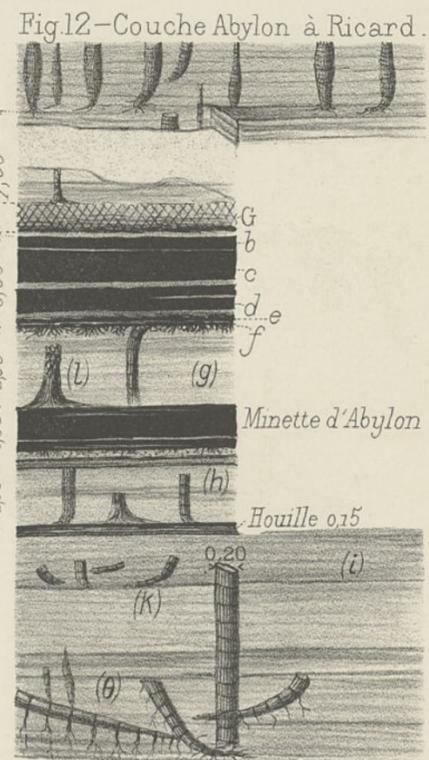
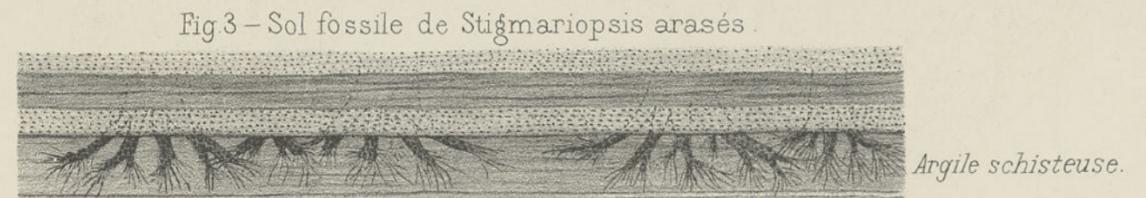
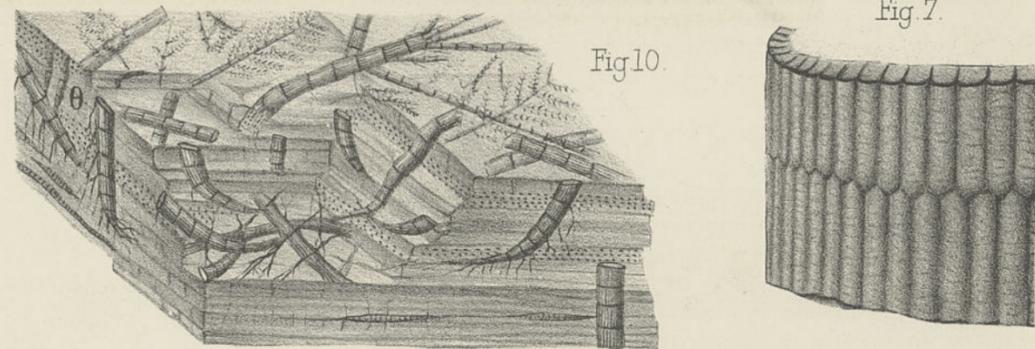
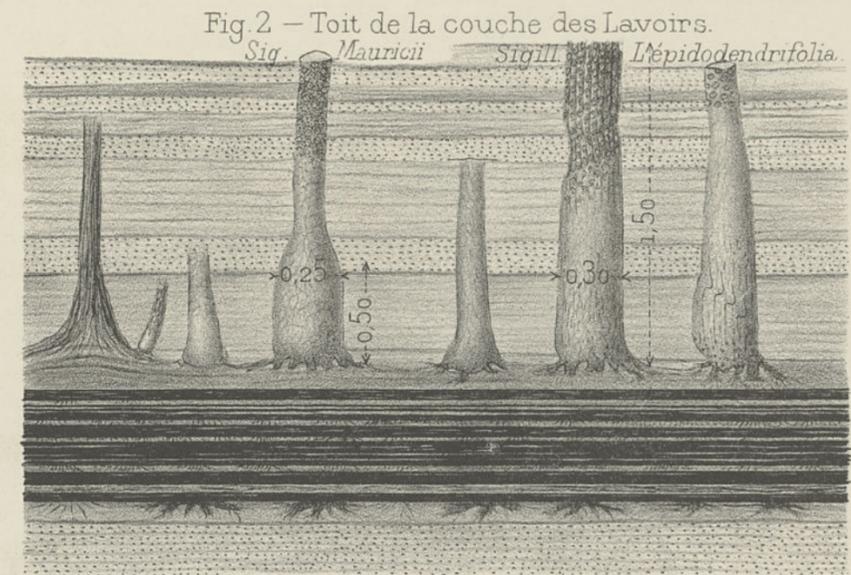
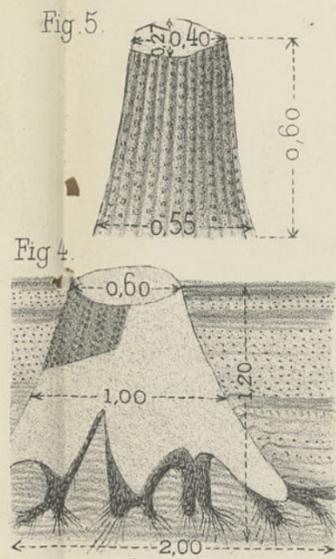
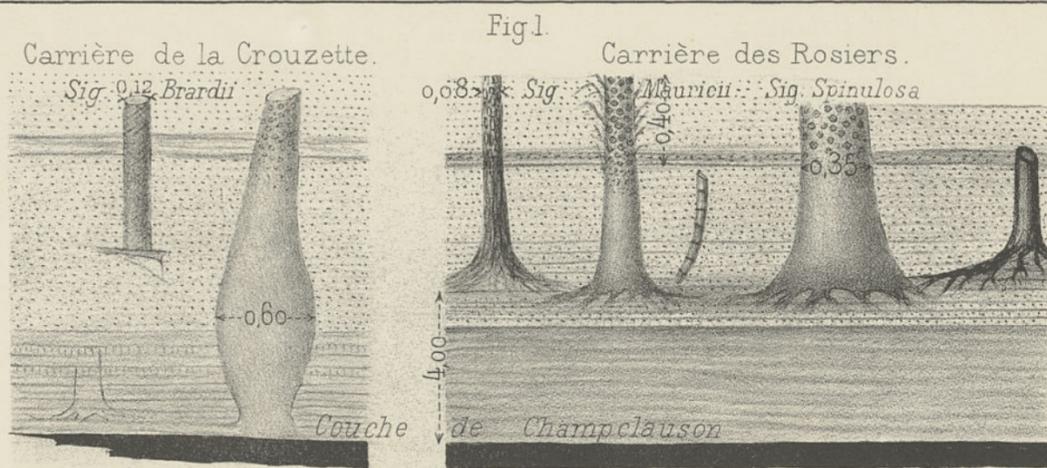


Fig. 5.







# Stigmaria autonomes.

Grand'Eury.-Recherches géobotaniques sur les sols fossiles de végétation.

PLX

Fig. 1.

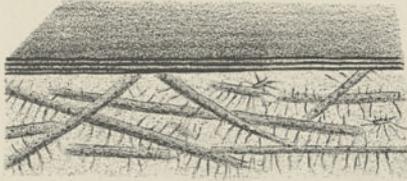


Fig. 2.

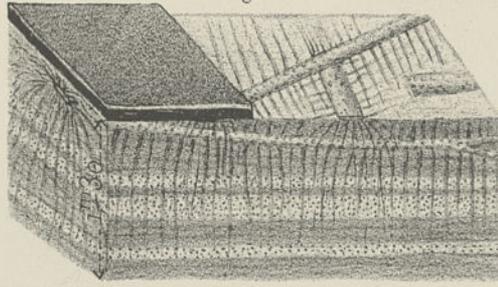


Fig. 3.

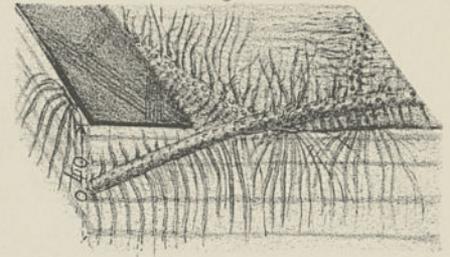


Fig. 7.

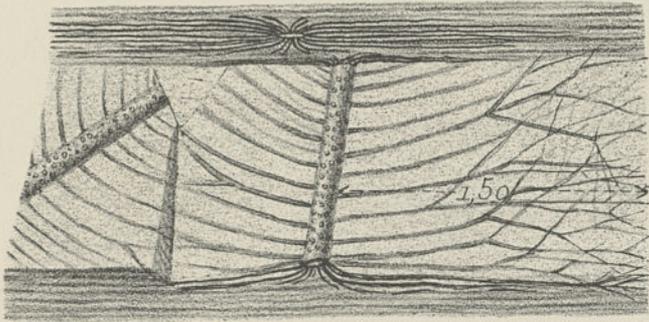


Fig. 9.

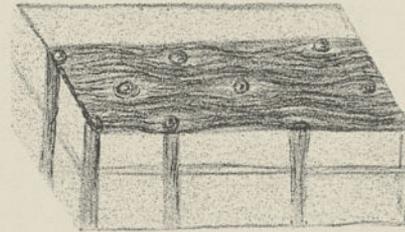


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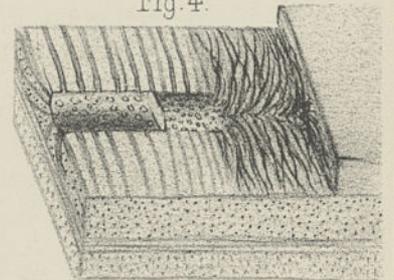


Fig. 5 - Matallana.

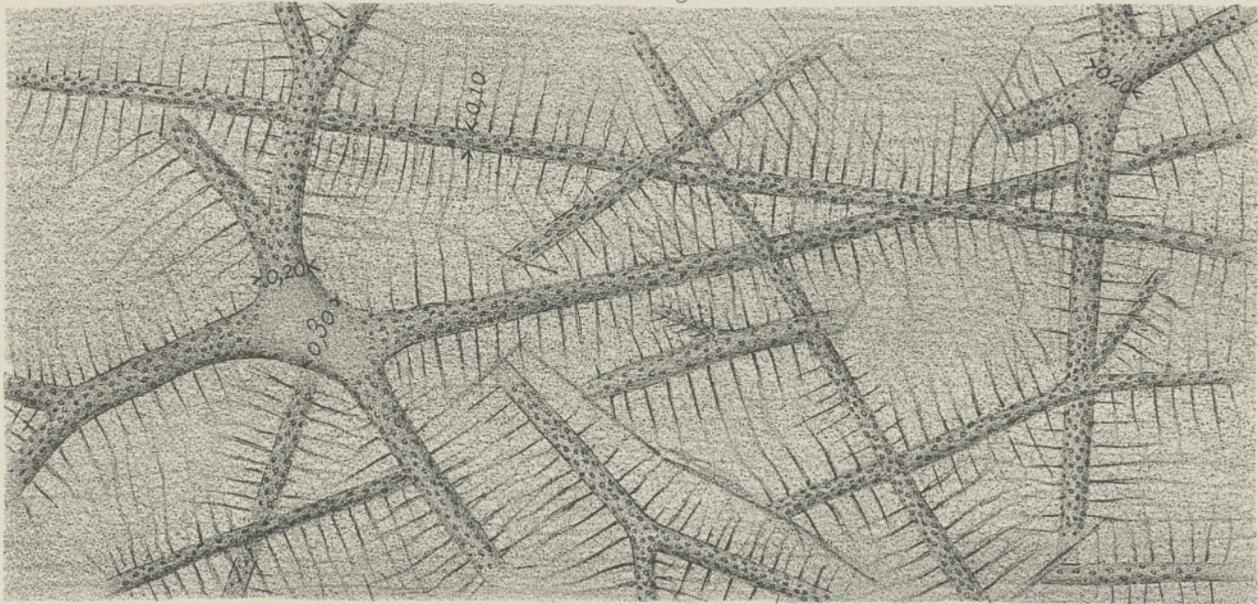


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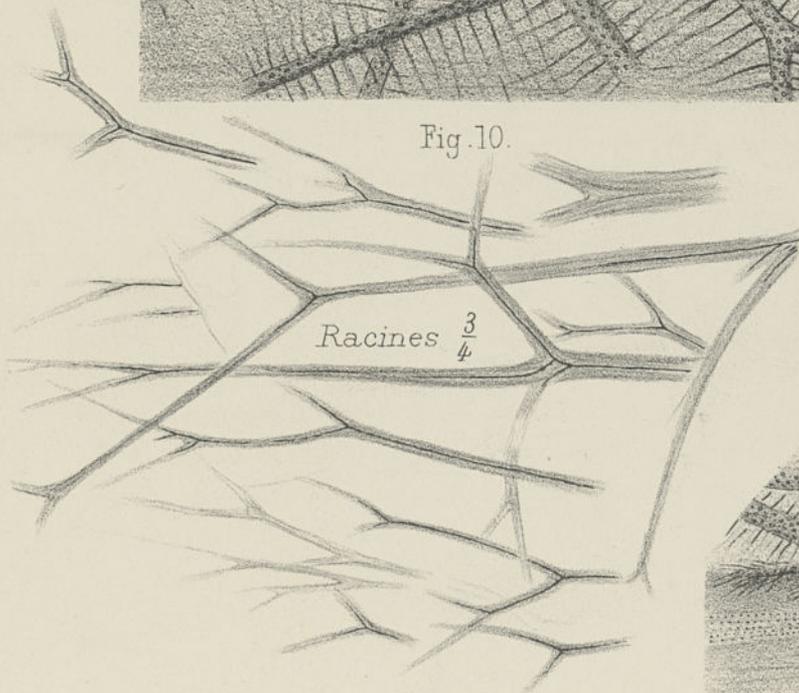


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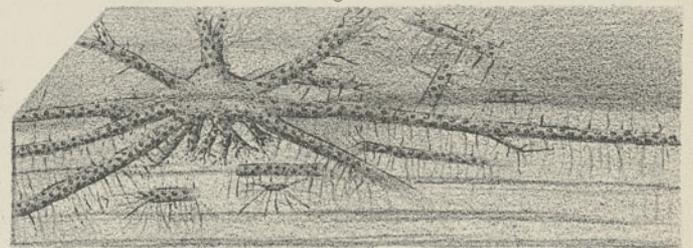
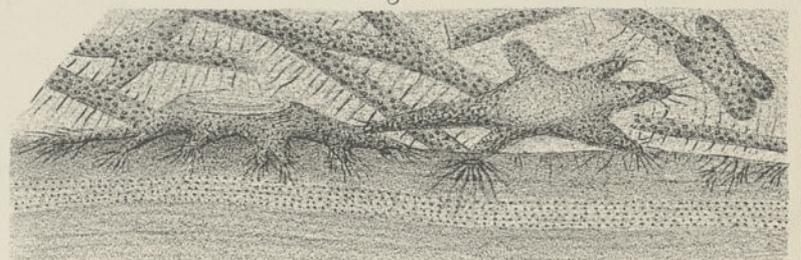


Fig. 6.



Ch Béranger, éditeur, Paris.

Dessiné par Grand'Eury.

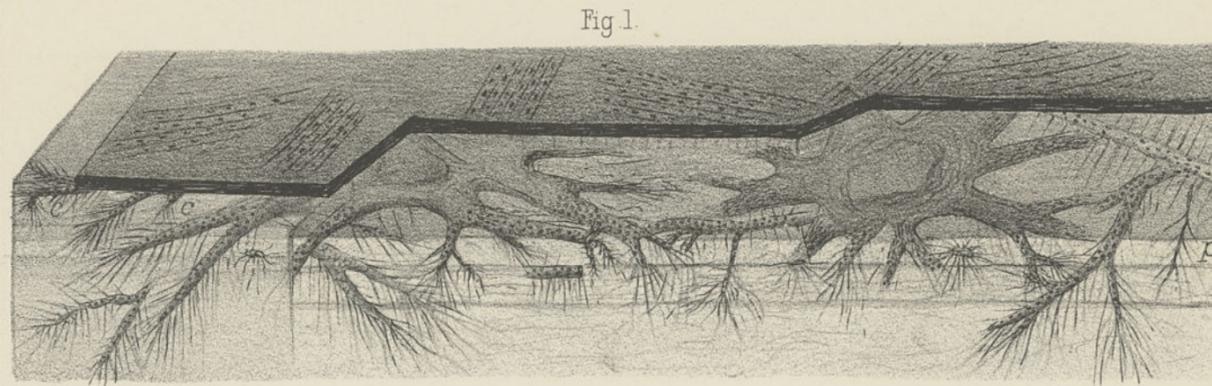


Fig. 1.

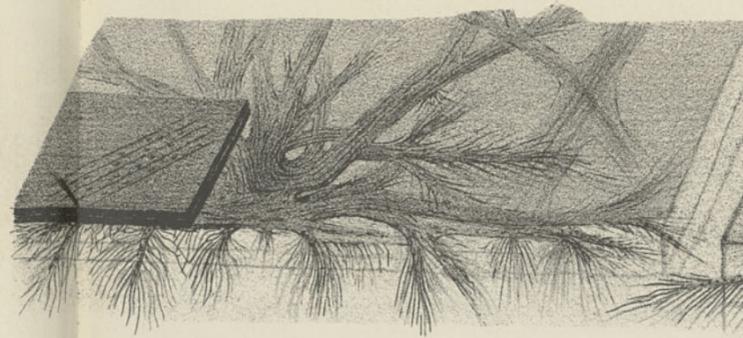


Fig. 2.

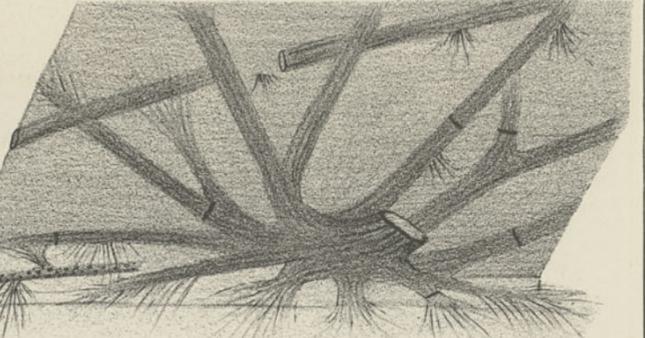


Fig. 3.

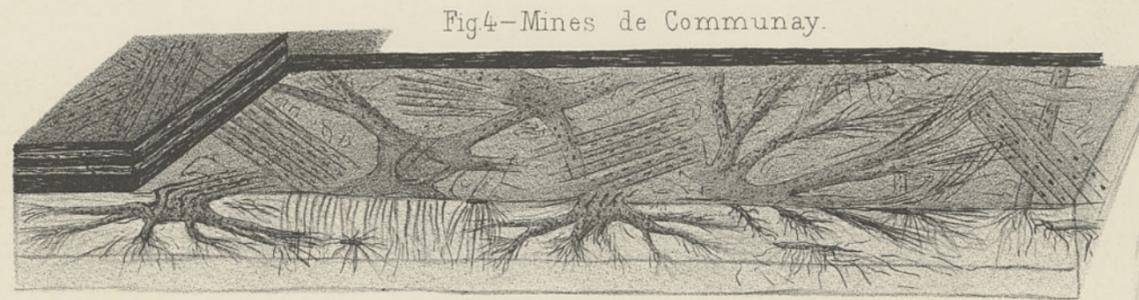
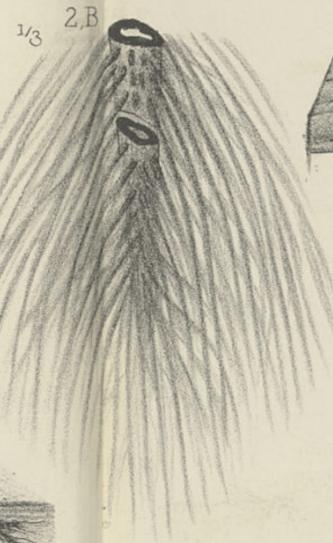
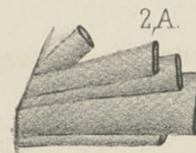


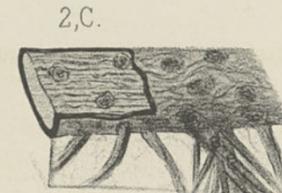
Fig. 4-Mines de Communay.



1/3 2.B.



2.A.



2.C.



Fig. 7.

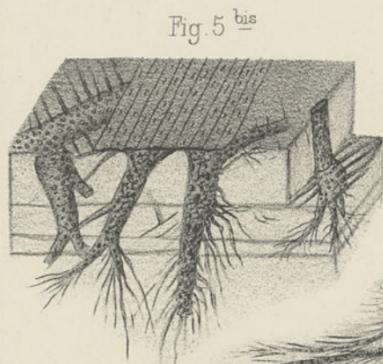


Fig. 5 bis



Fig. 5 - Mines de Rive-de-Gier.



Fig. 9.

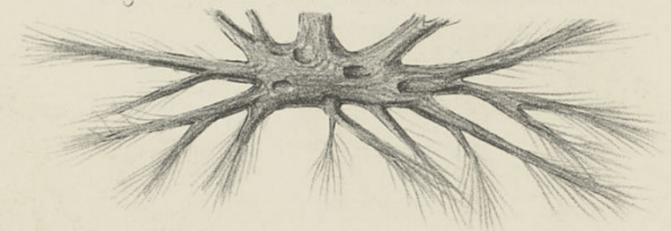


Fig. 8 - Mines de St Jean de Valériscle.

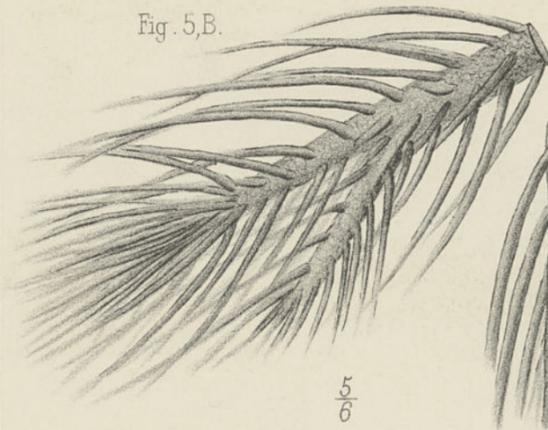


Fig. 5.B.

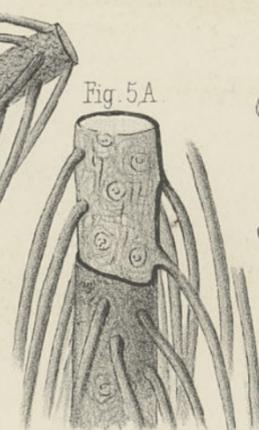


Fig. 5A

5/6

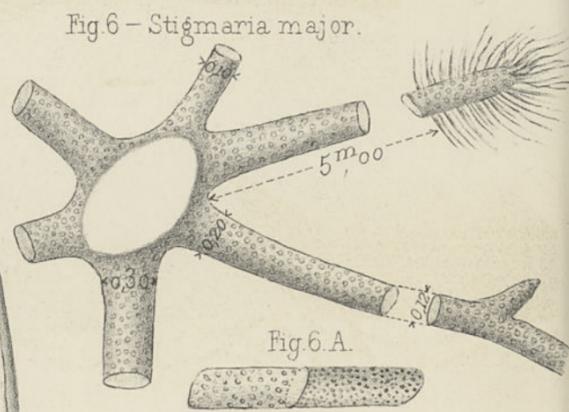


Fig. 6 - Stigmaria major.

Fig. 6.A.



Fig. 10 - Mur de la 2e de Gagnières

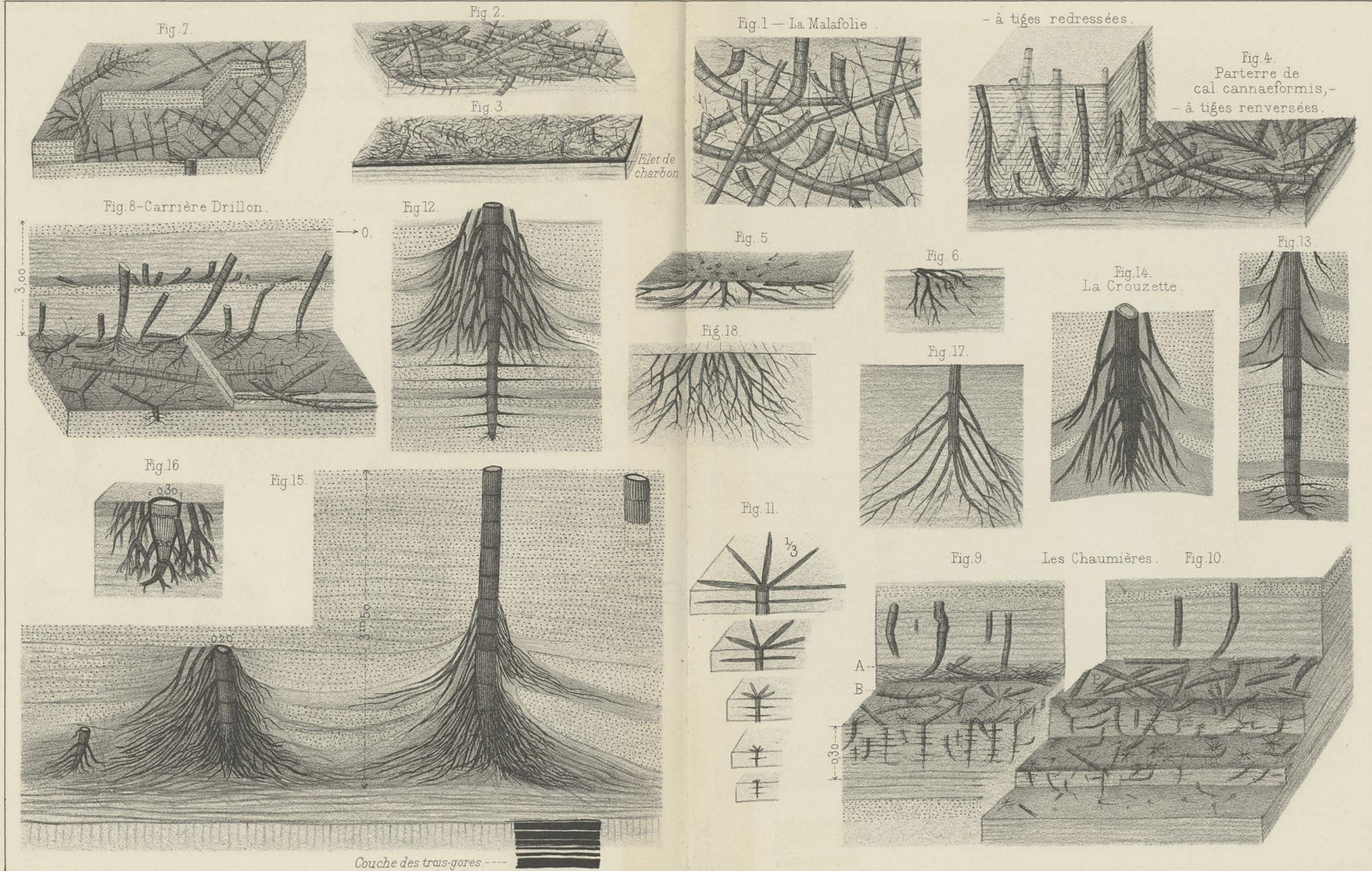


Fig. 11 - Mur de la Bâtarde.

# Sols fossiles et enracinement des Calamariées.

Grand'Eury - Recherches géobotaniques sur les sols fossiles de végétation.

Pl. XII.



Ch. Béranger, éditeur, Paris.

Dessiné par Grand'Eury.

# Racines des Calamariées.

Grand'Eury - Recherches géobotaniques sur les sols fossiles de végétation.

Pl. XIII.

Fig. 1.

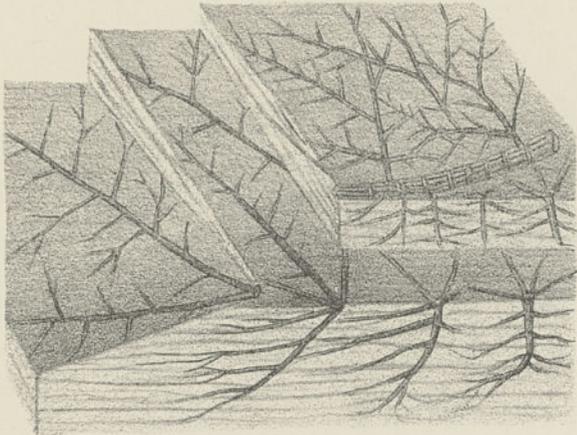


Fig. 2.



Fig. 3.

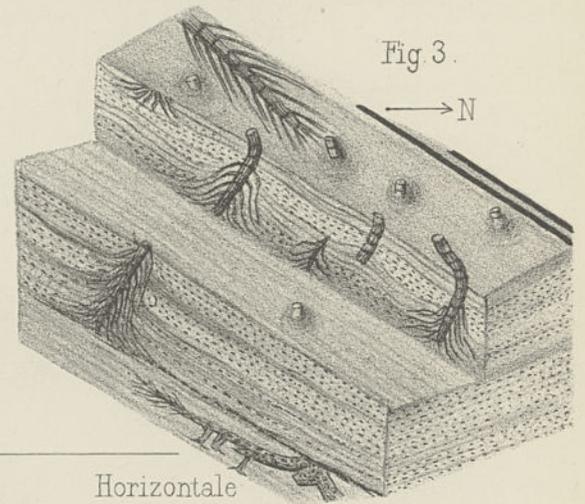
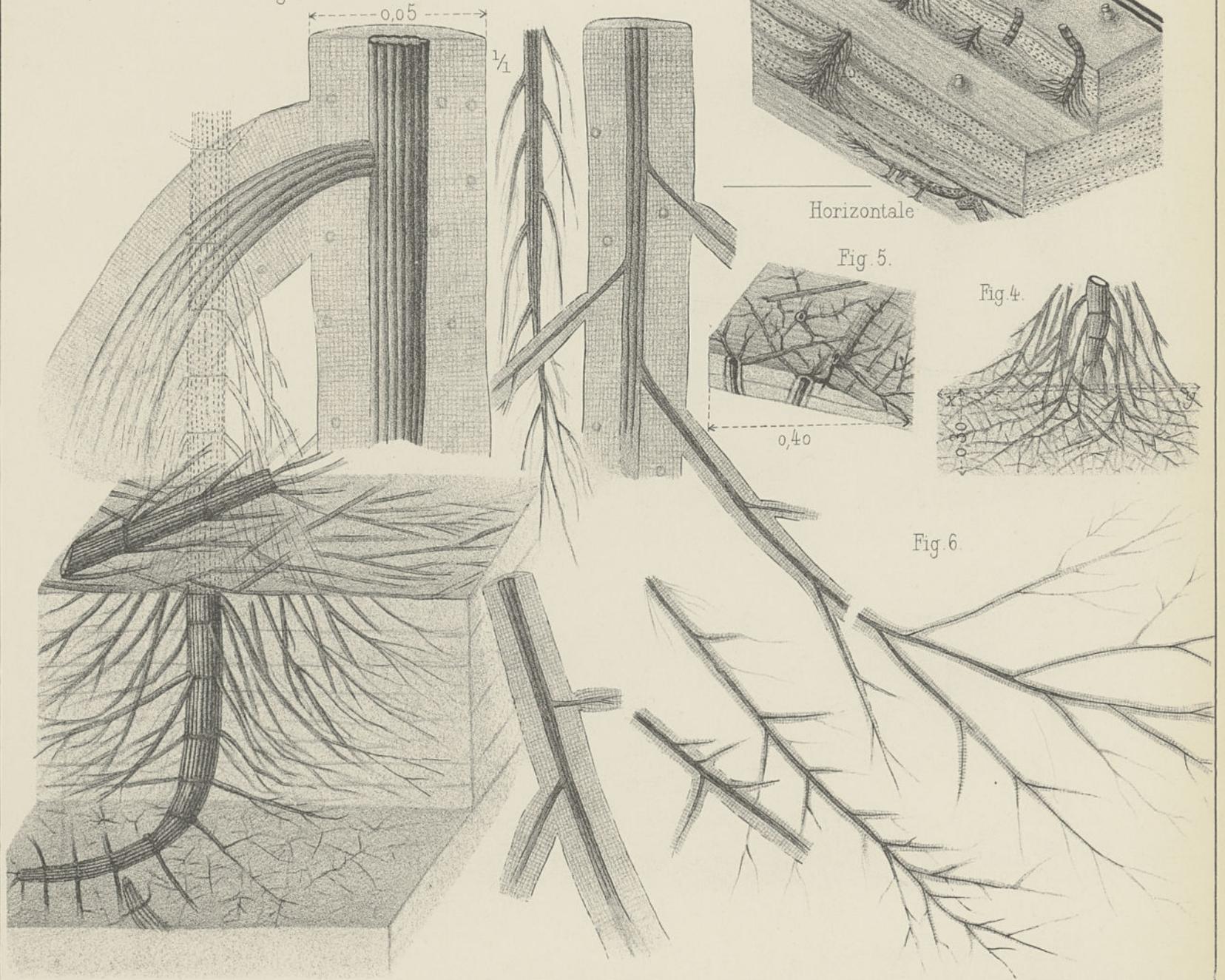


Fig. 6 - Calamites cruciatus.



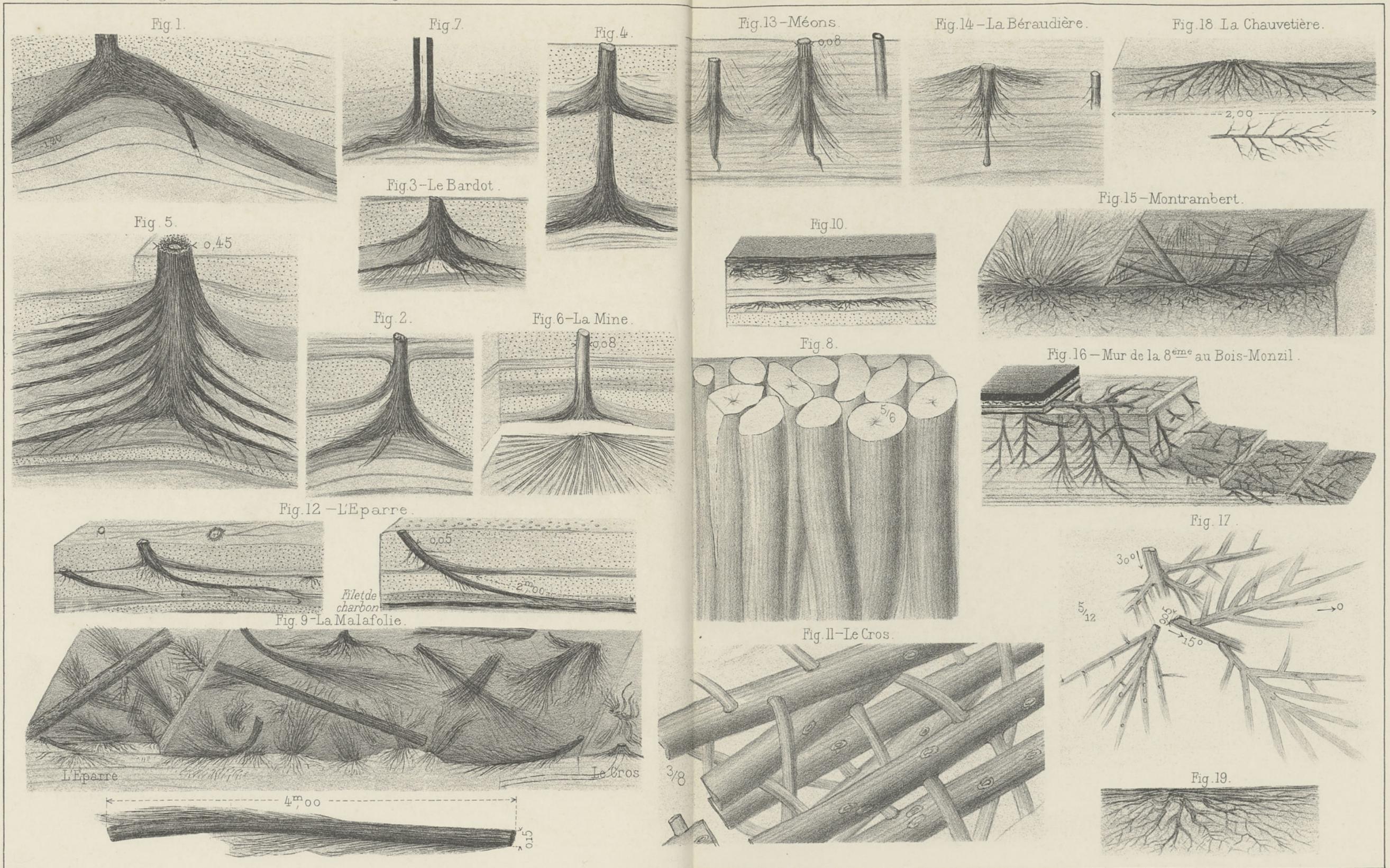
Ch. Béranger, éditeur, Paris.

Dessiné par Grand'Eury

# Souches, racines et sols de végétation de Pécoptéris.

Grand Eury-Recherches géobotaniques sur les sols fossiles de végétation.

Pl. XIV.



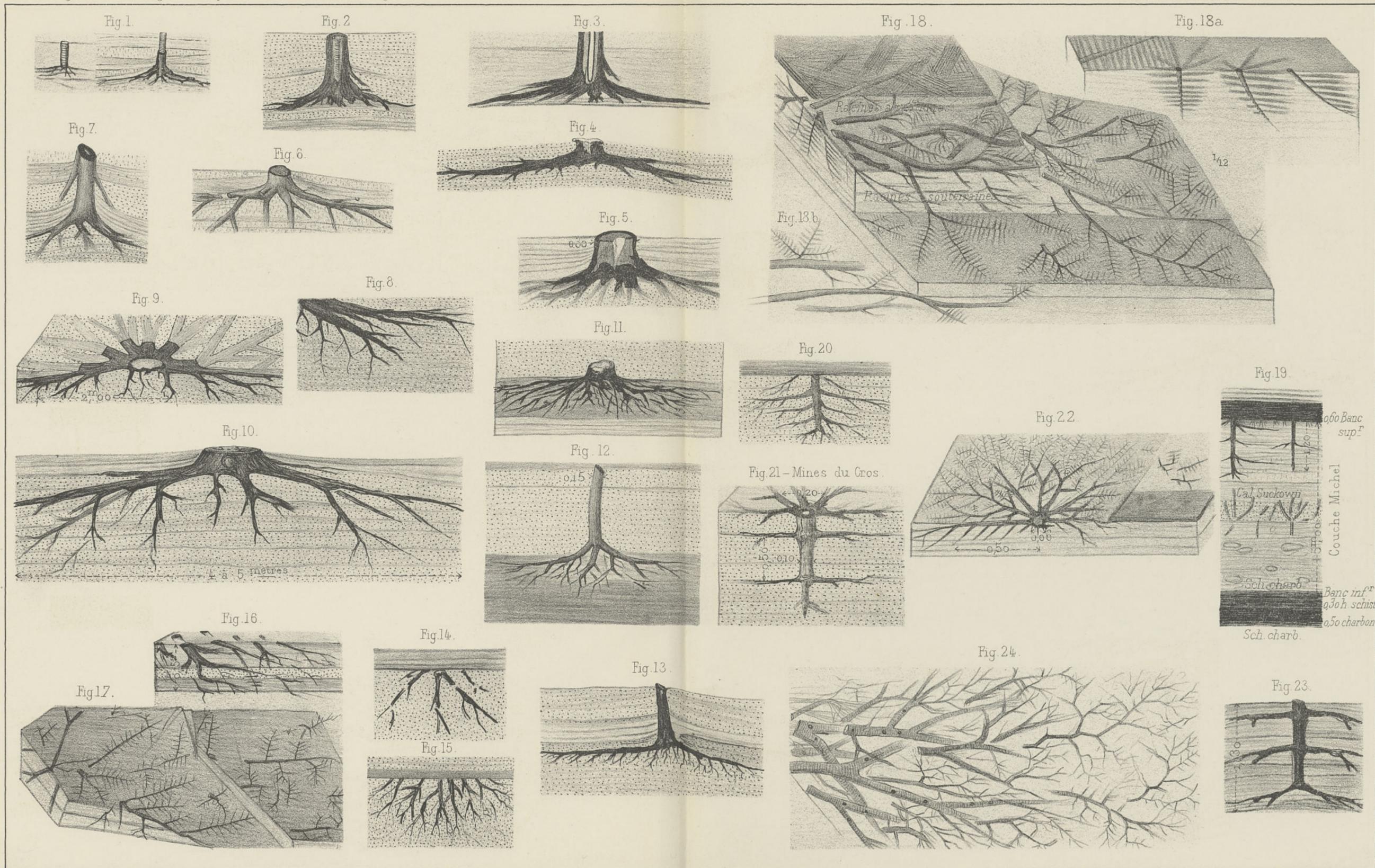
Ch. Béranger, éditeur, Paris.

Dessiné par Grand' Eury

# Souches et racines de Cordaites et de Dory-Cordaites.

Grand'Eury-Recherches géobotaniques sur les sols fossiles de végétation.

Pl. XV.



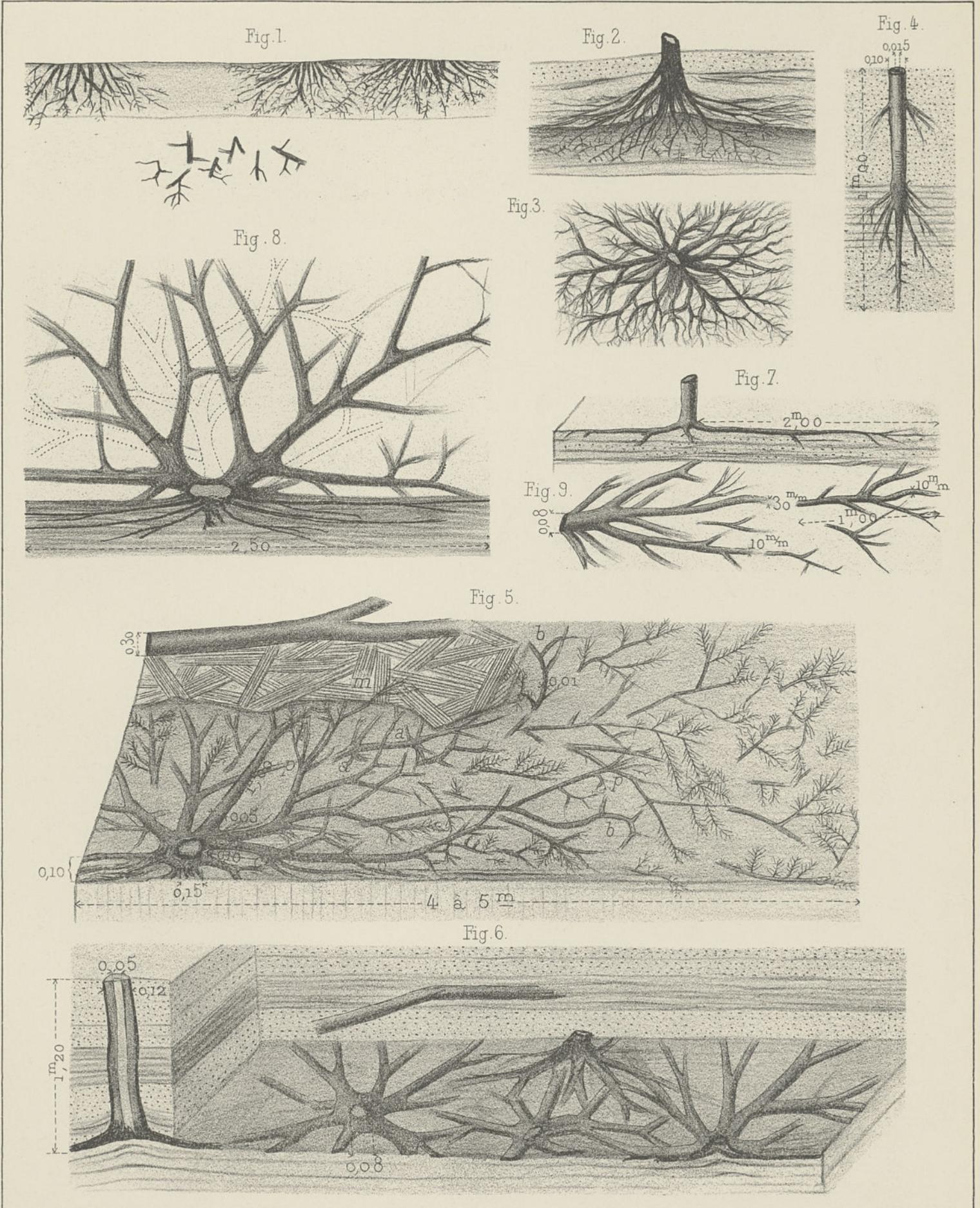
Ch. Béranget, éditeur, Paris

Dessiné par Grand'Eury

# Souches et racines de Poa-Cordaites et de Rhabdocarpus - Cordaites.

Grand'Eury - Recherches géobotaniques sur les sols fossiles de végétation.

Pl. XVI



Ch. Béranger, éditeur, Paris.

Dessiné par Grand'Eury.



Ch. Beranger, éditeur, Paris

imp. M. Bléjean, Paris.

Dessiné par Grand'Eury.

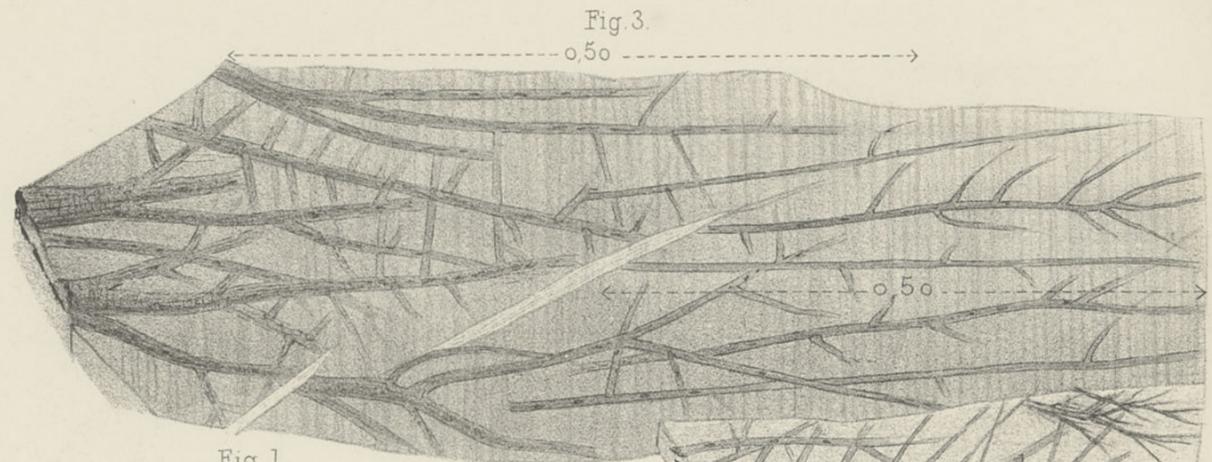


Fig. 1

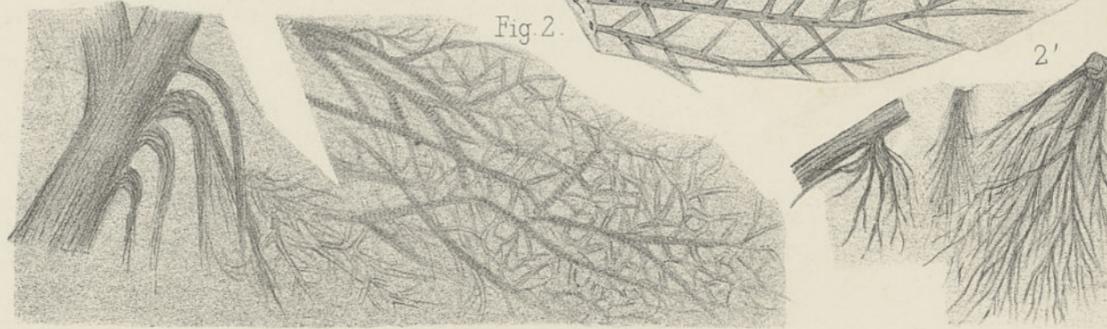


Fig. 2.

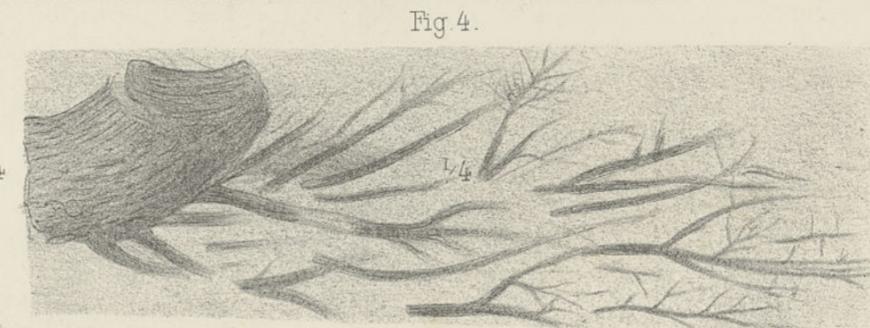


Fig. 4.

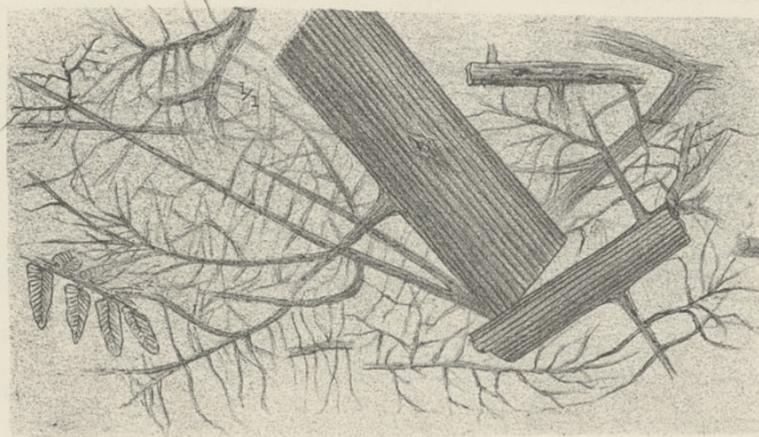


Fig. 5.

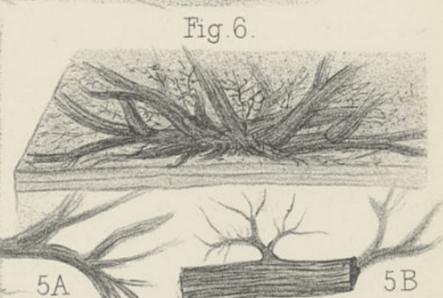


Fig. 6.

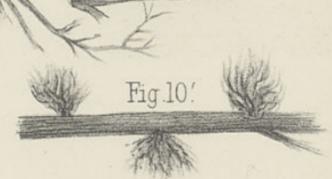


Fig. 10'

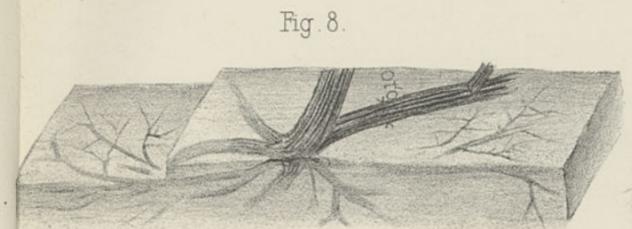


Fig. 8.

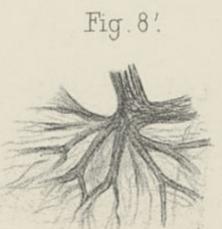


Fig. 8'.

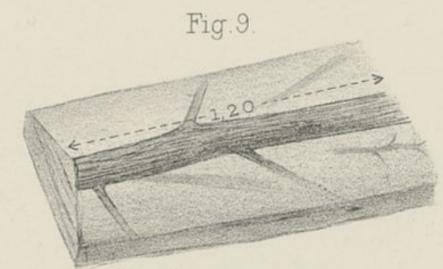


Fig. 9.

Fig. 7.

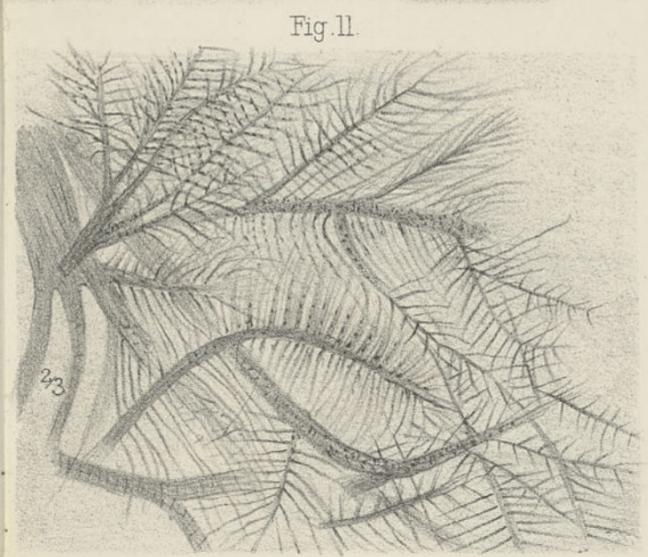


Fig. 11.



Fig. 12.

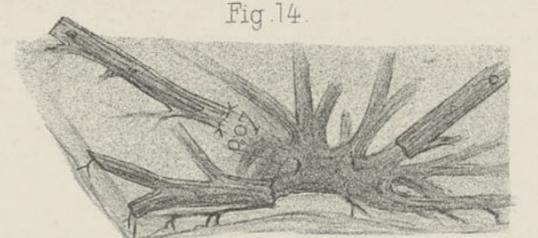
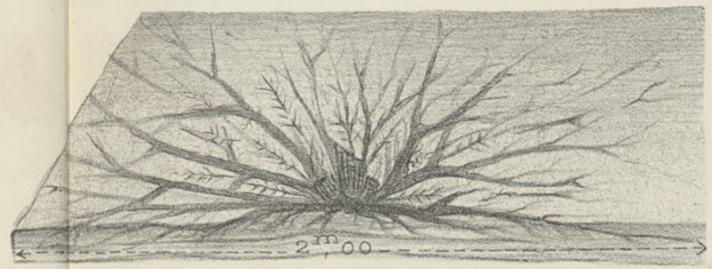


Fig. 14.

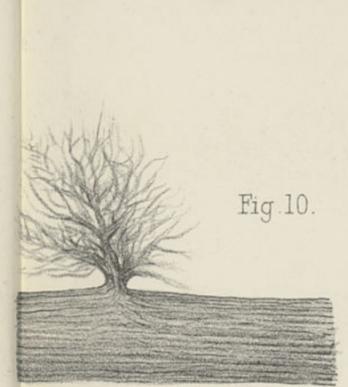
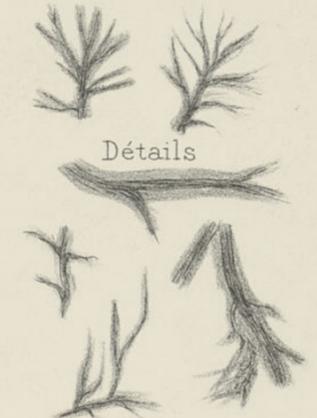


Fig. 10.



Détails



Fig. 13.

# Sols de végétation en rapport avec la houille.

Grand'Eury—Recherches géobotaniques sur les sols fossiles de végétation.

Pl. XIX

Fig. 1.

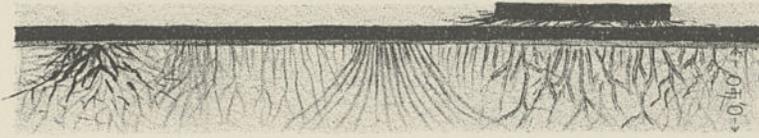


Fig. 2.



Fig. 3.

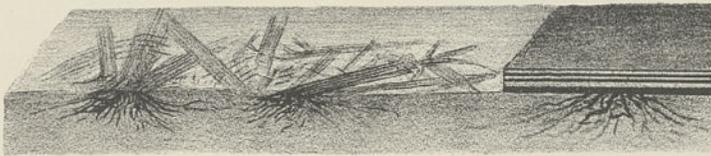


Fig. 4.



Fig. 7.

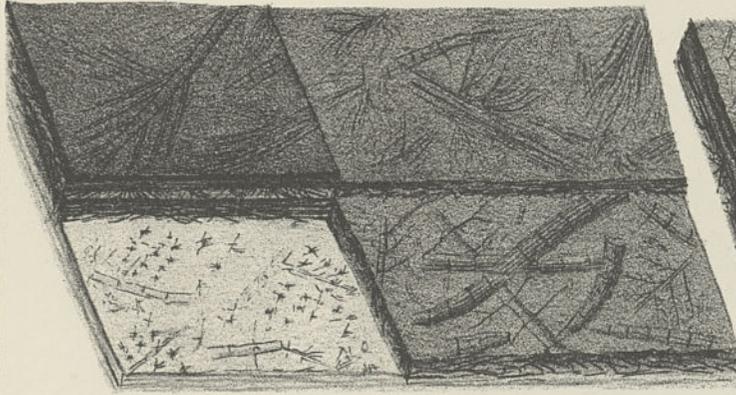


Fig. 6.

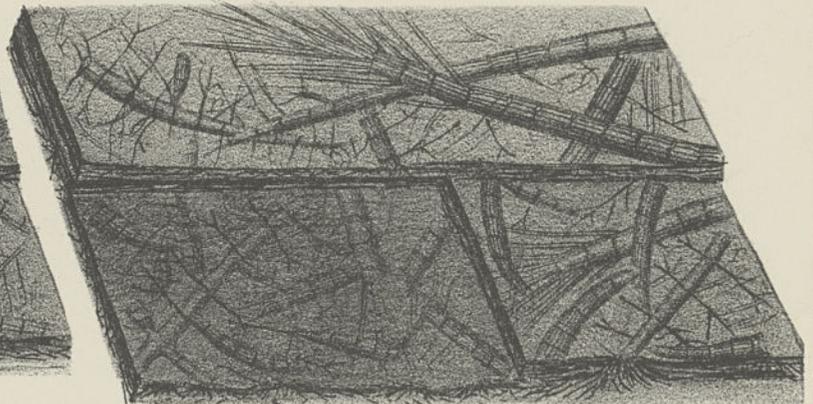


Fig. 9.

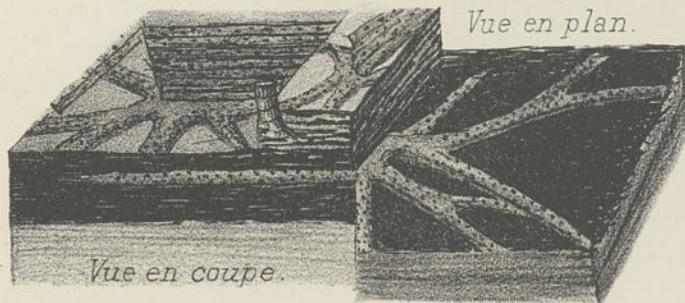


Fig. 5.



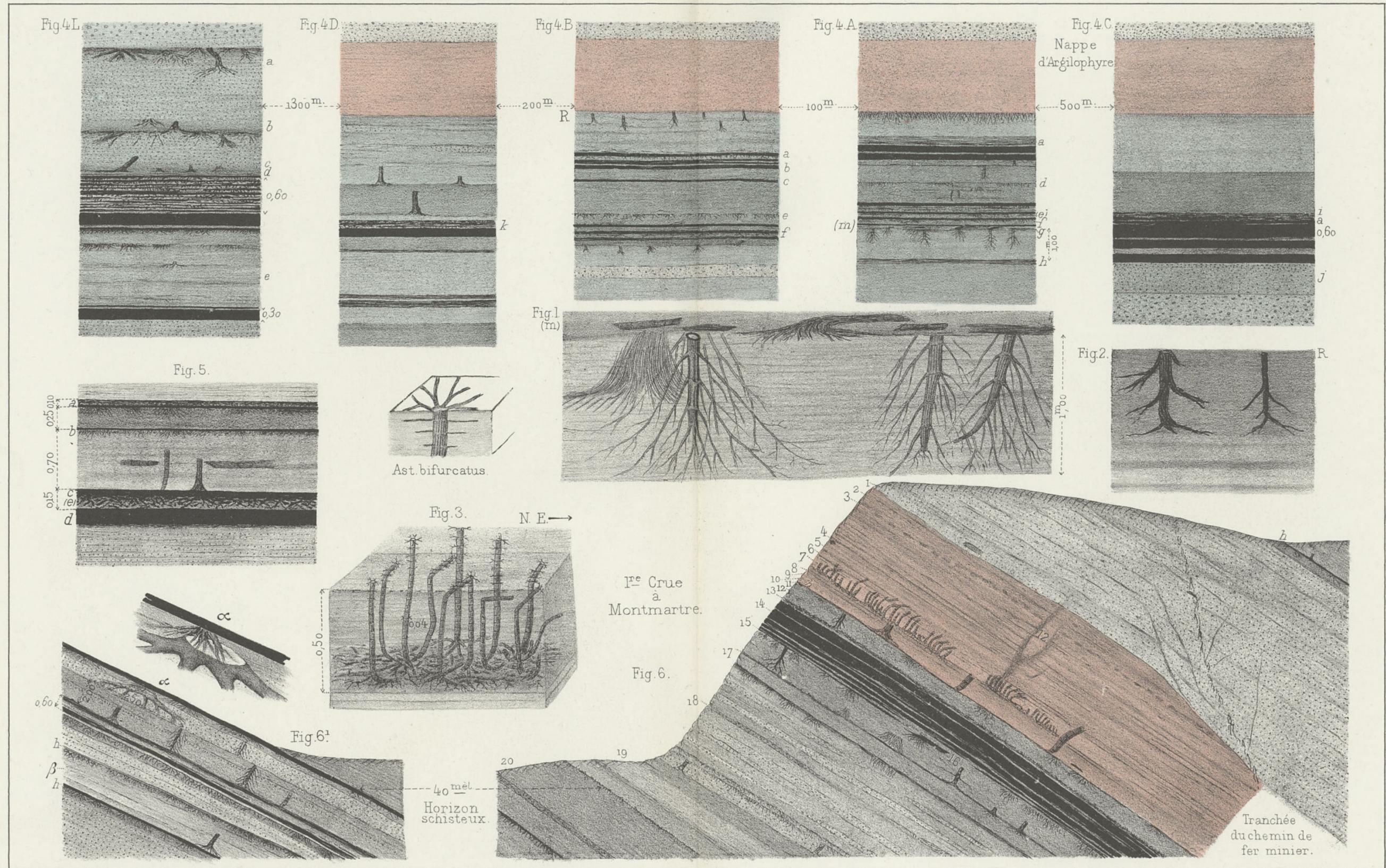
Ch. Béranger, éditeur, Paris.

Dessiné par Grand'Eury.



# Coupe géobotanique de la couche des Rochettes, (1<sup>ère</sup> Crue.)

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.



Ch. Béranget, éditeur, Paris

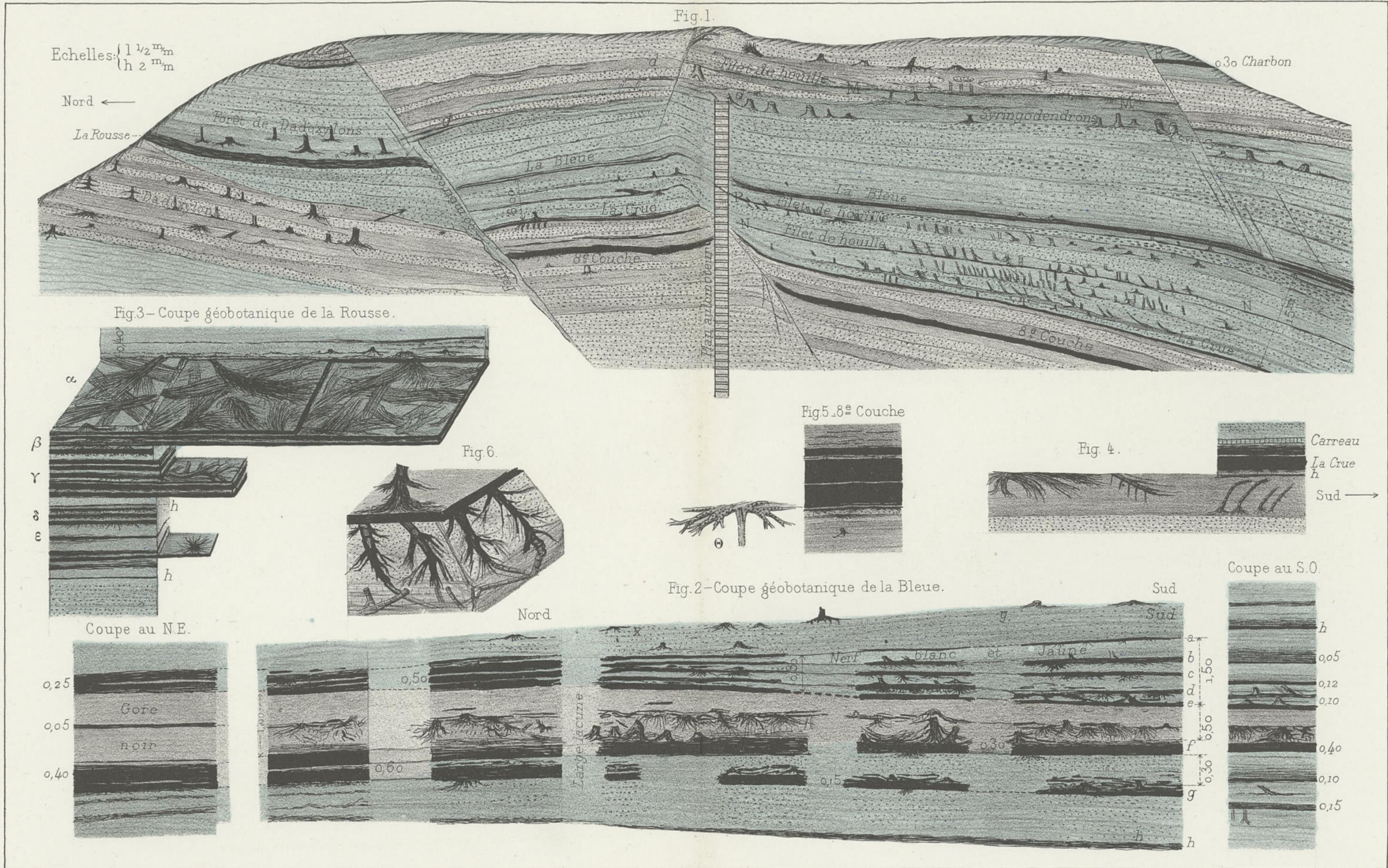
Imp. M. Bléjean

Dessiné par Grand'Eury

# Coupe Nord-Sud du Coteau de l'Eparre.

Grand'Eury—Recherches géobotaniques sur la formation des couches de houille.

PL. XXII.



Ch. Béranger, éditeur Paris

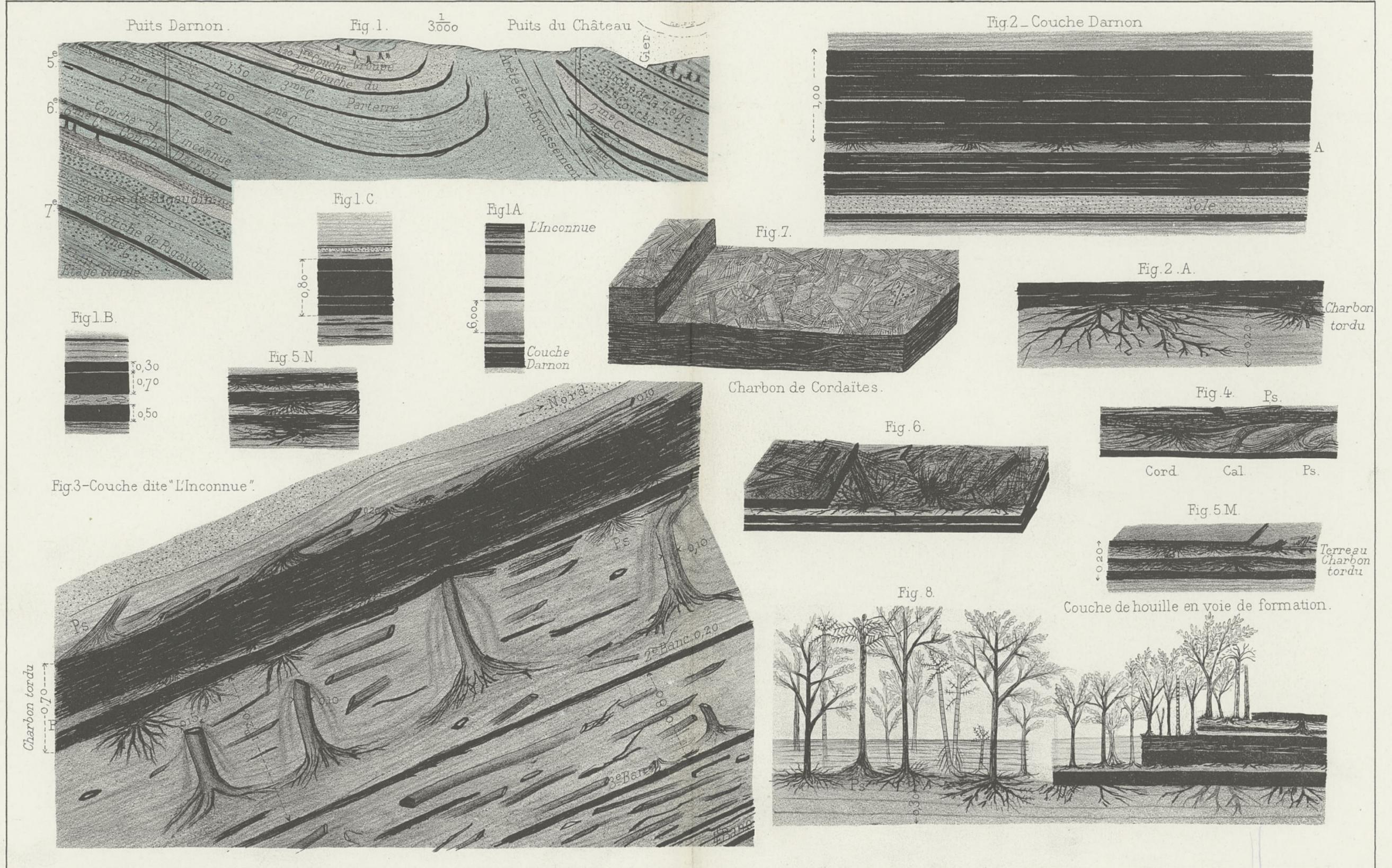
Imp. M. Blejean

Dessiné par Grand'Eury.



# Couches de S<sup>t</sup> Chamond

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.



Ch. Bérançer, éditeur, Paris.

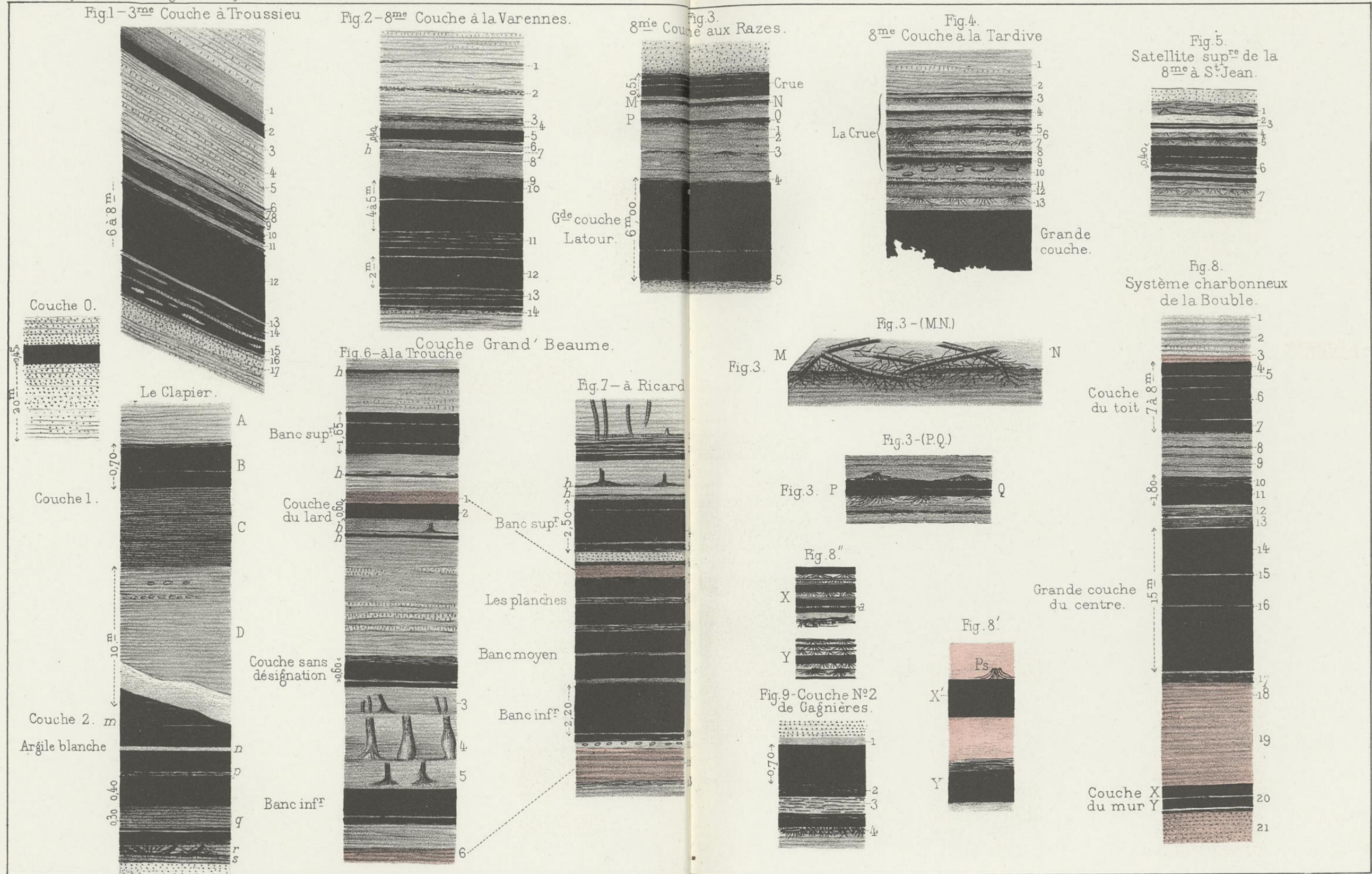
Imp. M. Bléjean.

Dessiné par Grand'Eury

# Coupes analytiques de couches de houille.

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.

Pl. XXV.



Ch. Béranget, éditeur, Paris.

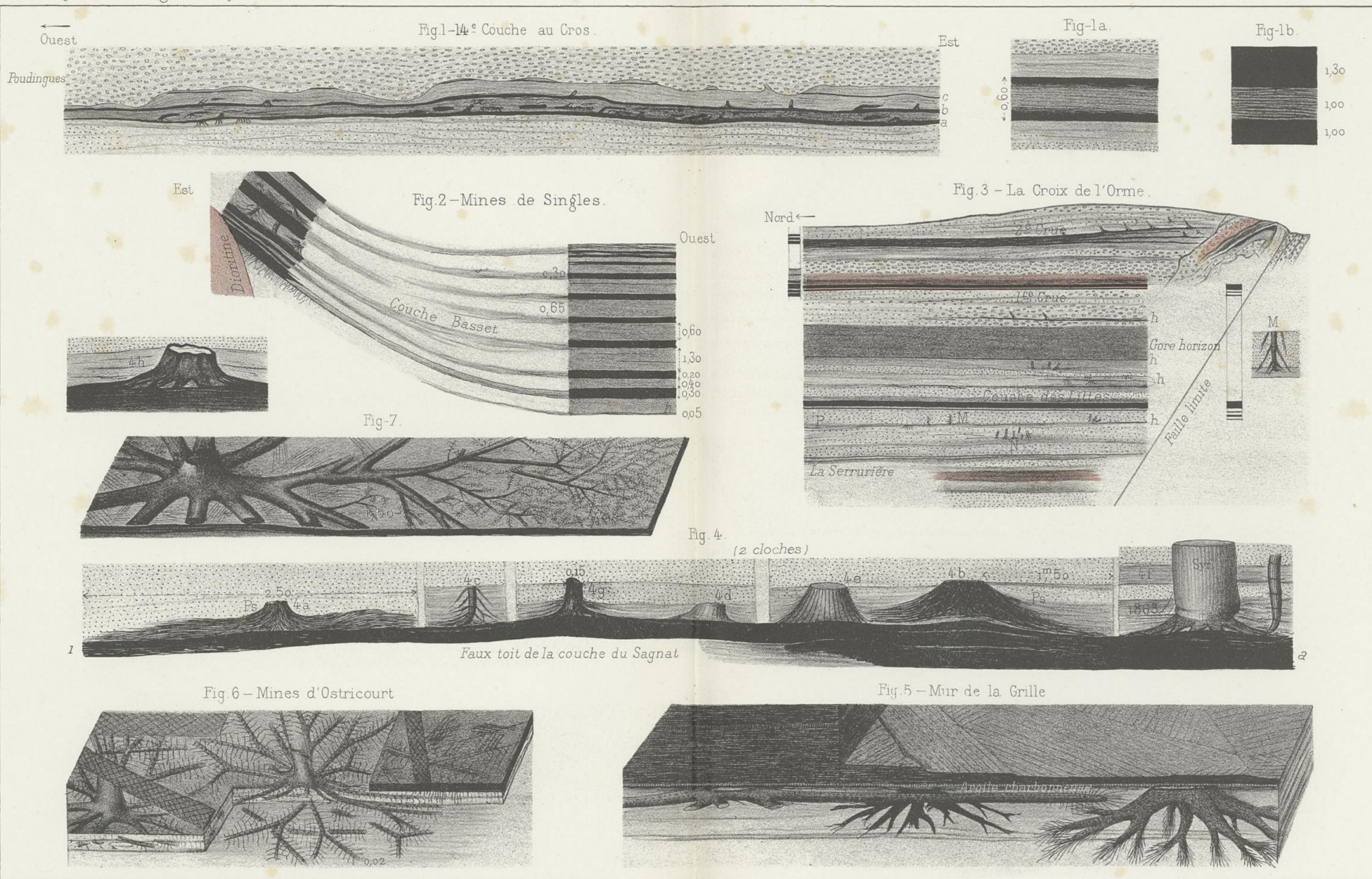
Imp. M. Lejean.

Dessiné par Grand'Eury.

# Toit et mur de couches de houille.

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.

Pl. XXVI.



Ch. Béranget, éditeur, Paris.

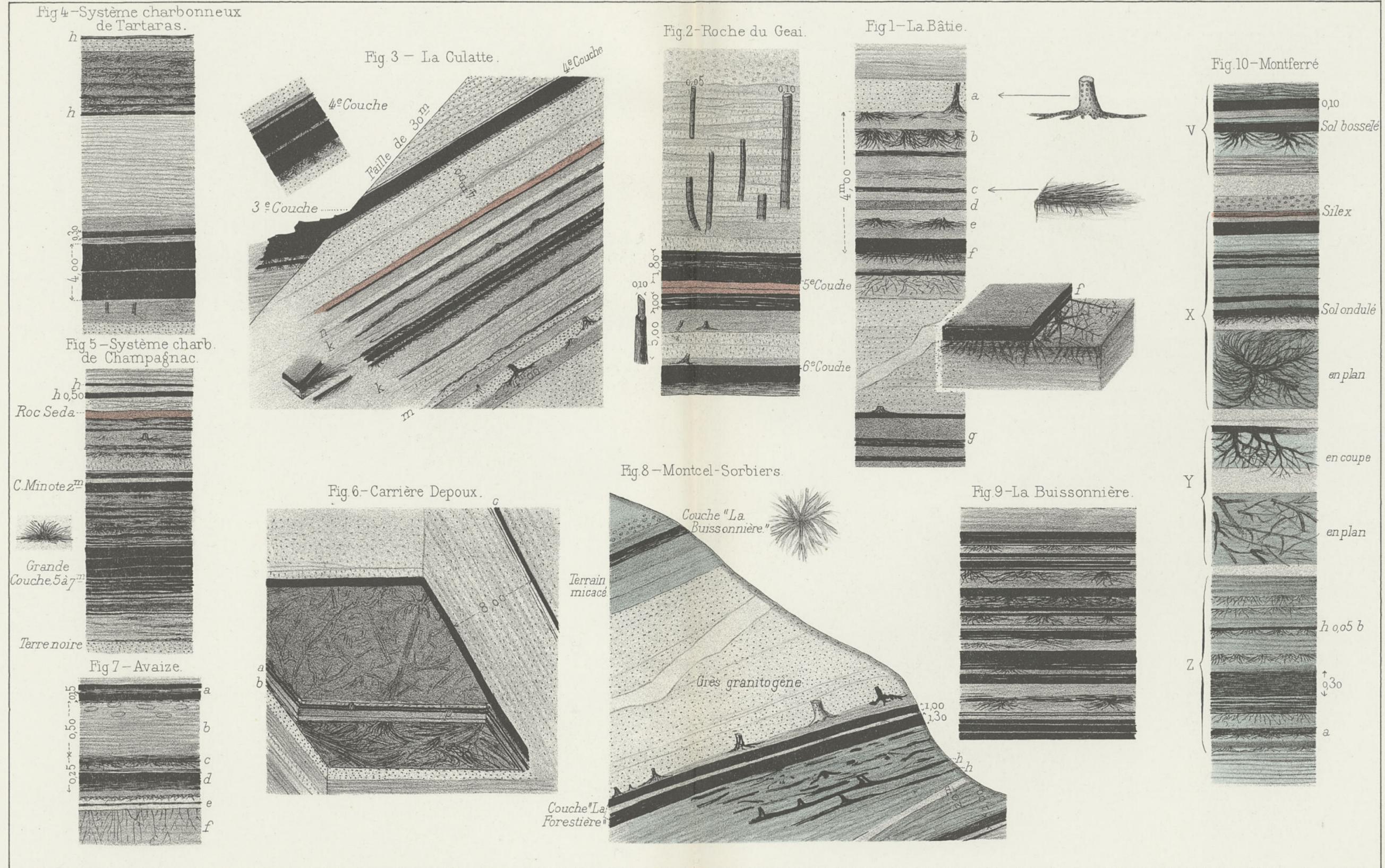
M. Bléjean, Imp.

Dessiné par Grand'Eury.

# Formations charbonneuses des stampes et terrains stériles.

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.

Pl. XXVII.



Ch. Béranger, éditeur Paris

Imp. M. Bléjean.

Dessiné par Grand'Eury.

# Couches d'Anthracite du Culm

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.

Pl. XXVIII

Fig.1-Mines de Combres.



Couche N°1

0,15 h Porphyre

Couche N°2

0,10 h

Fig. 2-Couche N°1.

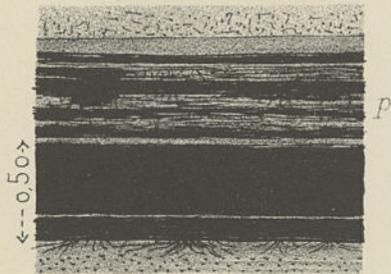


Fig. 3-Couche N°2

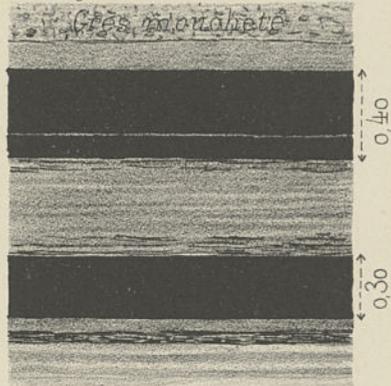


Fig. 6.

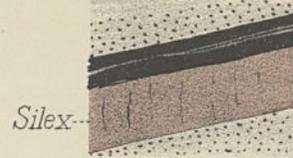


Fig. 7.

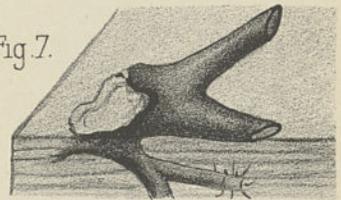


Fig. 5-Couche du Bois-Guetton

0,50 Fig. 4 - Couche de S<sup>t</sup>-Claude.

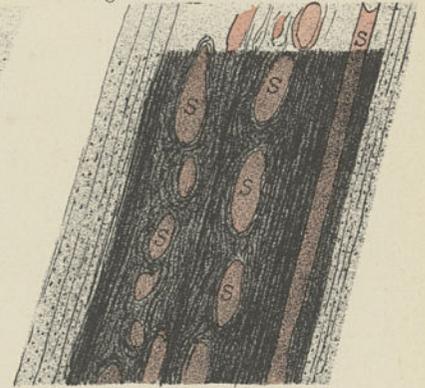
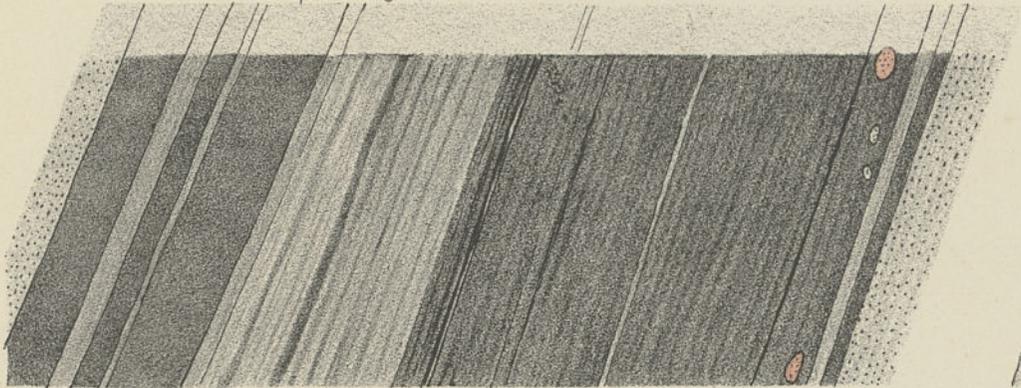


Fig. 8-Mines de Mouzeil

Couche 2.

Couche 1.

Couche 0.

→ Nord

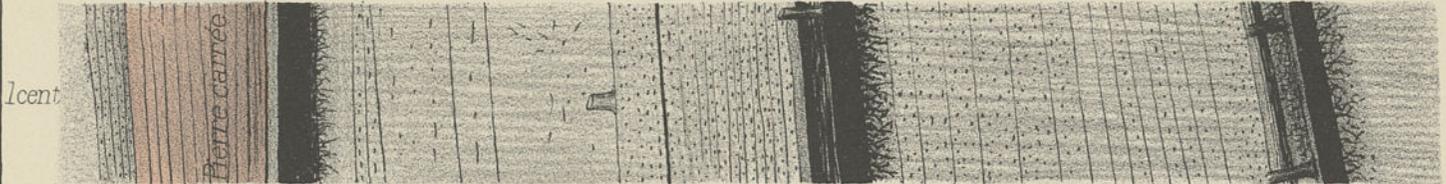


Fig. 11-Couche 2. mur.



Fig. 9-Couche 0.

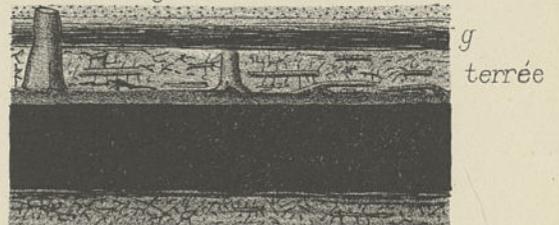


Fig. 12.

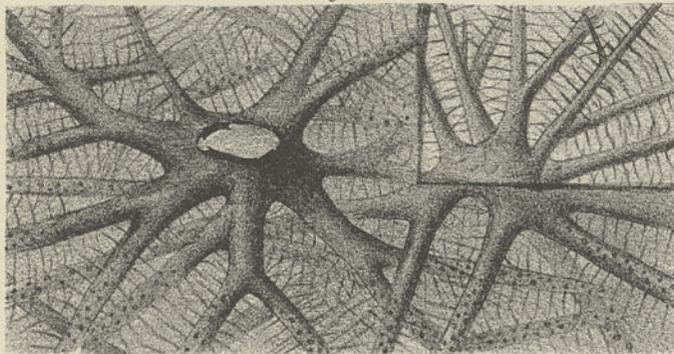
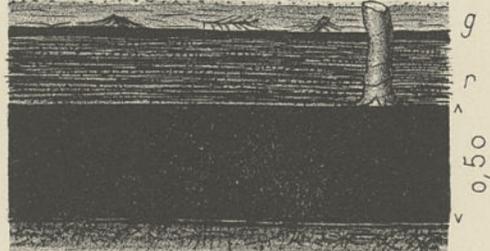


Fig. 10-Couche 1.



Ch. Béranger, éditeur, Paris.

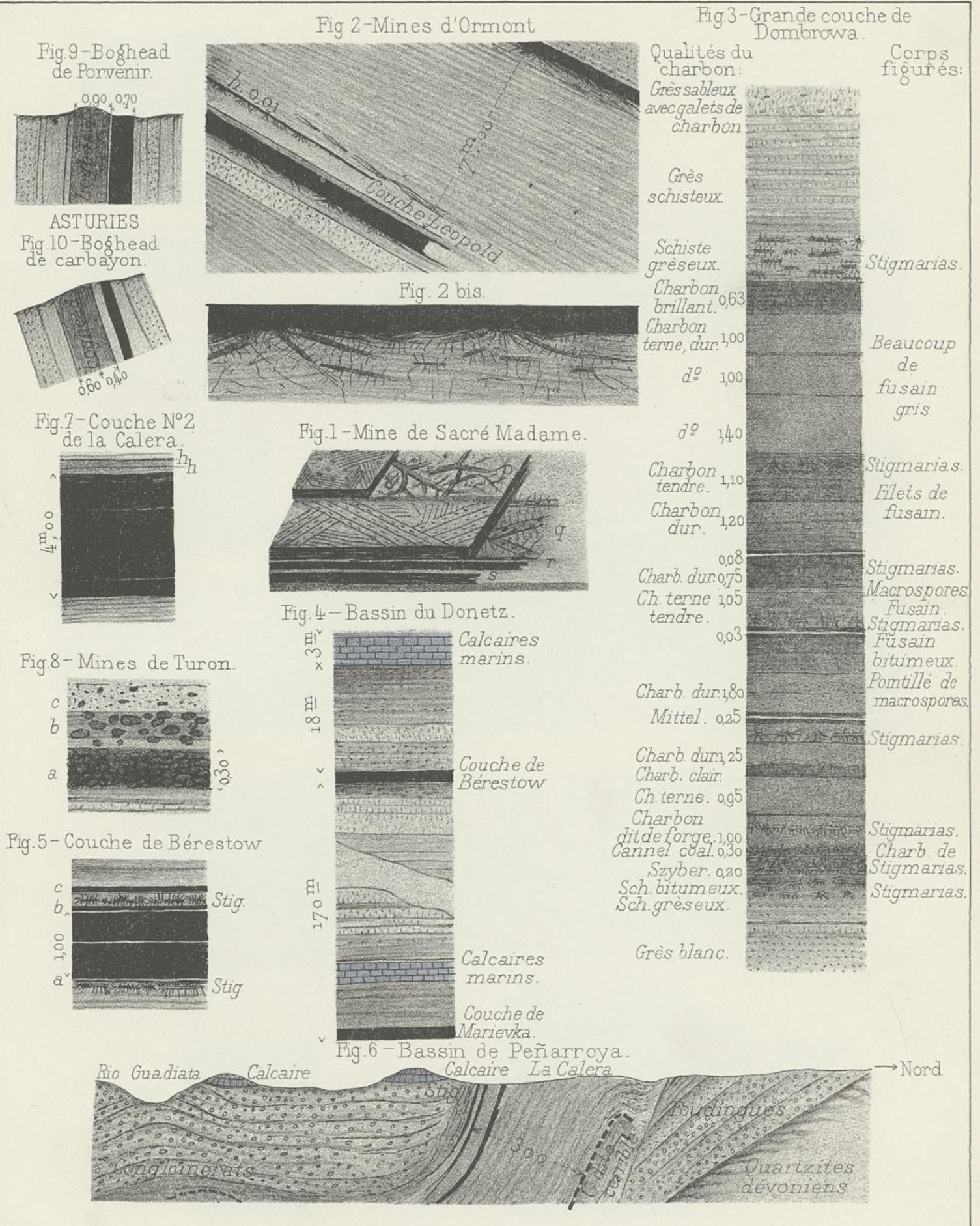
M. Bléjean Imp. Paris.

Dessiné par Grand'Eury.

# Couches de charbon Westphaliennes

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.

Pl. XXIX.



# Couches de charbon suprahouillères et permienes.

Grand'Eury - Recherches géobotaniques sur la formation des couches de houille.

Pl. XXX.

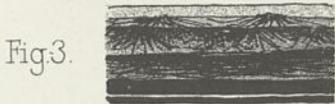


Fig. 4 - Forêt de Pécoptéris.



Fig. 5. Grande couche d'Avaize.

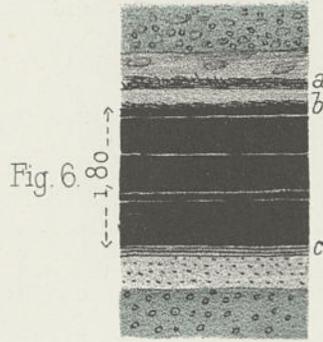
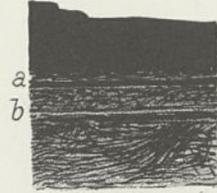


Fig. 7. Charbon et Forêt de Calamodendrons.

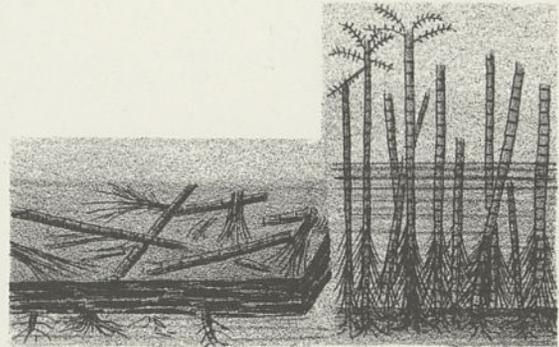


Fig. 8 - 3<sup>me</sup> Crue dite l'Italienne.

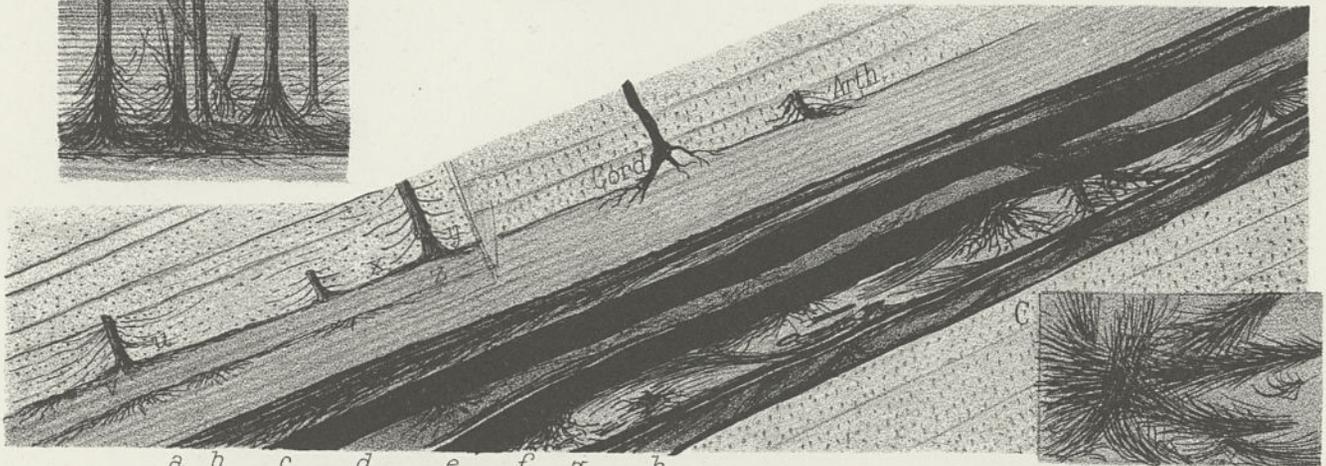


Fig. 9 - Mine de Blanzy.

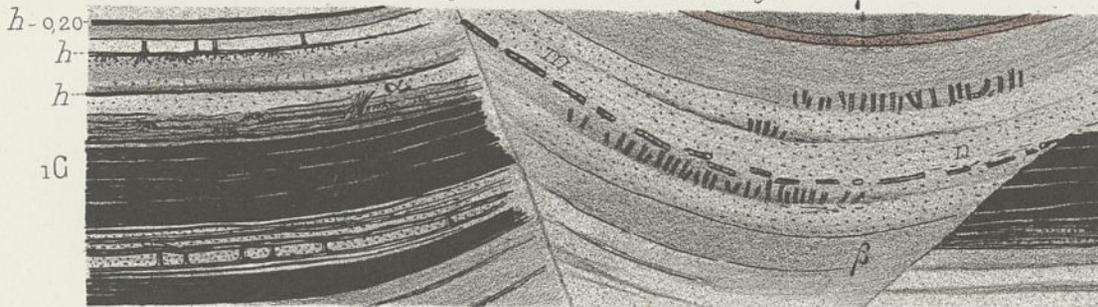
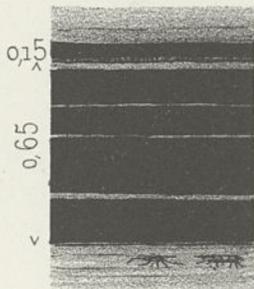


Fig. 11 - Anthracite permien de Budweiss.



Charbons permien

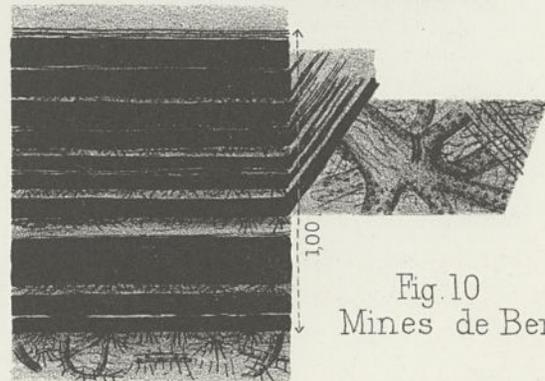


Fig. 10 Mines de Bert