

RECONSTRUCTIONS OF ANCIENT VEGETATION BY THE LATE PROFESSOR PAUL BERTRAND

The following four reconstructions by the late Professor Paul Bertrand were sent to the Editorial Committee by Madame Cécile-Paul Bertrand for publication in this volume. These reconstructions were made by Professor Bertrand in 1943, a few months before his death. According to Madame Bertrand Professor Sahni intended to publish them with a note in memory of his friend.

EXPLICATION DES PLANCHES

PLANCHE 1

TOURBIERE DE RHYNIE (Ecosse) Dévonien
moyen

Hornea Lignieri
Rhynia major
R. Gwynne Vaughani } Haut. 6 à 20 cm.
Asteroxylon Mackiei — Haut. 30 cm.

PLANCHE 2

PAYSAGE EPOQUE CARBONIFERE
de gauche à droite:

Lepidodendron aculeatum — Haut. 15 à 20 m.
 Sigillaires cannelées — Haut. 20 à 30 m.
Neuropteris, type *heterophylla*
Sphenopteris, type *Hoeninghausi*
Odontopteris, type *Reichi*
Calamites à feuillages d'*Asterophyllites* —
 Haut. 8 à 12 m.
Cordaites lingulatus — Haut. 30 à 40 m.
Mariopteris du groupe *M. muricata*
 Fougères arborescentes — lointain

PLANCHE 3

FOUGERES EPOQUE CARBONIFERE
(détail du paysage No. 2)

Sphenopteris, type *Hoeninghausi*
Neuropteris, type *heterophylla*
Odontopteris, type *Reichi*

PLANCHE 4

PAYSAGE JURASSIQUE
de gauche à droite:

Cycadeoidea
Williamsonia
Thyrsopteris
Laccopteris
Paleocyparis
Gleichenites
Baiera
Ginkgoites
 Conifères — lointain.

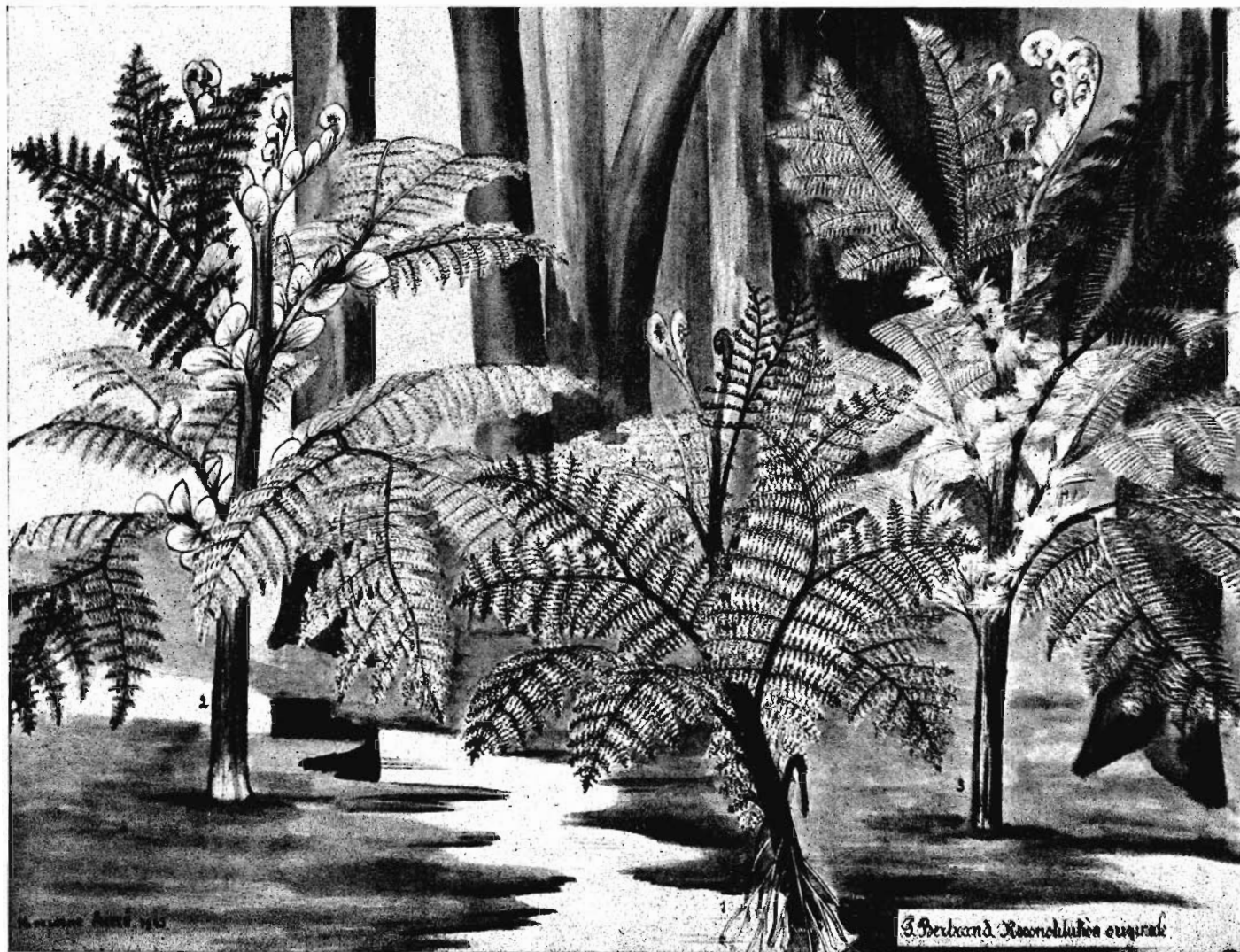


EUGÈNE AIME
1912

P. Bertrand. Reconstitution originale



P. Bertrand Reconstitution



P. Bertrand. Révolution originale.

