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RECORDS 1958/8

REPORT ON PLANT FOSSILS FROM THE MYROODAH RIDGE AREA AND
ERSKINE RANGE, W.A.

by

Mary E. White

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I. Myroodah Ridge

Bag 1: Indeterminate plant stems, no internal structure preserved. Age indeterminate, but these show great similarity to specimens collected at locality M.12 by Casey from rocks referred to Blina shale.

Bag 2: These specimens contain:-

- a. Small Equisetalean stems
- b. Small circular bodies which may be fresh water Ostracods or seeds, but are insufficiently preserved for identification.
- c. Thin wing-like impressions with a median fold, which may be winged seeds like *Samaropsis Milleri*.

The age of this assemblage is probably Permian, and an almost identical assemblage was found at locality M.24 by Casey in Liveringa (Condren) Sandstone of Permian age.

Bag 3: These specimens show the same assemblage as those in bag 2.

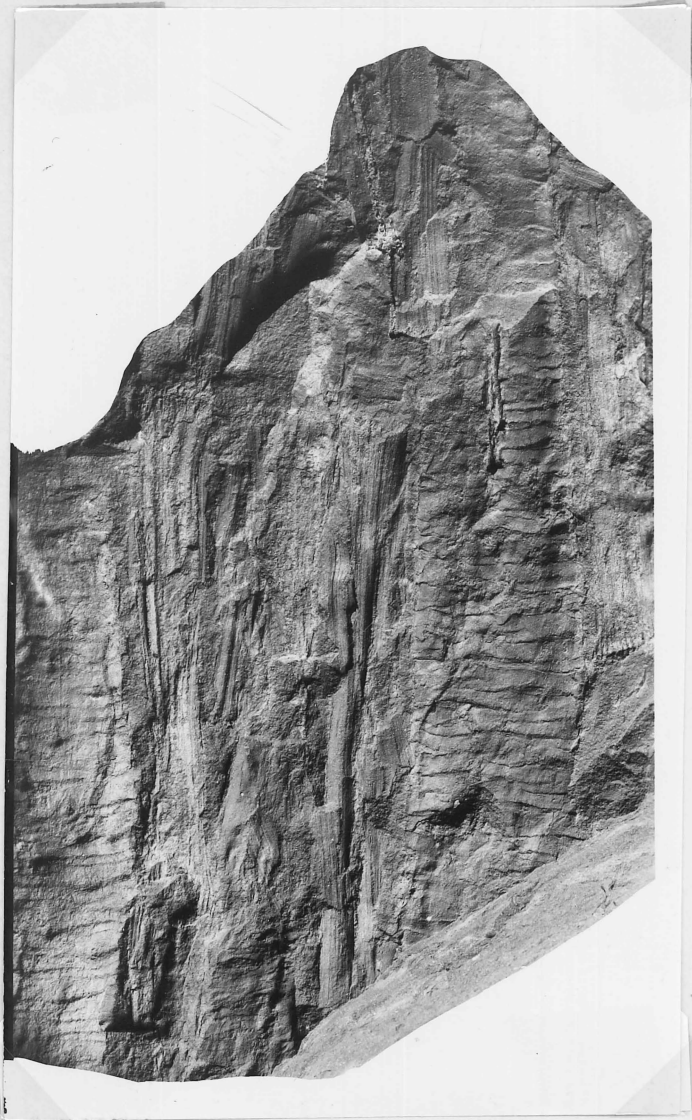
II. Erskine Ranges

These specimens show an association of Equisetalean stems of the *Schizoneura* type (cf *Sch. gondwanensis*) with a large Lycopod stem (cf *Lycopodiopsis pedroanus* Carr.) and badly preserved leaves of Glossopteris. The assemblage is strikingly similar to that seen in a collection from Loc. M.23 of Casey (photograph of specimen from that locality shows similarity). I believe that the formation in which these fossils occur is referable to the Liveringa Formation (possibly Condren SS) and not to the Erskine Sandstone as the assemblage is Permian and not Triassic.

(Ref. Report on Plant Fossils from the N.E. Canning Basin, W.A.
Bur.Min.Resours.Records 1957/74)

CANBERRA. A.C.T.

February, 1958.



Association of Equisetalean stems and Lycopod
stems from Loc. M.23 (Mt. Bannerman 4-mile
sheet), N.E. CANNING BASIN.