

# ESCONI Roof Shale Fossils of the Herrin (Grape Creek) Coal, Vermilion Co., Illinois

Produced by Jack Wittry, Collections Associate, The Field Museum

## FILICOPSIDA - Ferns

Most resemble modern tree ferns and produced sporangia (spore cases) with spores (reproductive cells) of a single type on the lower sides of the leaves. Like modern ferns, they had pinnately divided leaves which grew from furled fronds called fiddleheads.



*Lobatopteris tenuinervis* Font. & White, 1880

Pinna of a tree fern



*Lobatopteris tenuinervis*

Pinna of a tree fern



*Lobatopteris tenuinervis*

Pinna of a tree fern



*Diplazites unita*

Pinna of a tree fern



*Diplazites unita*

Pinna of a tree fern



*Diplazites unita*

Pinna of a tree fern



*Cyathocarpus arborea*

Pinna of a tree fern



*Cyathocarpus hemiteloides*

Pinna of a tree fern



*Crenulopteris subcrenulata*

Pinna of a tree fern



*Senftenbergia plumosa*

Pinna of a tree fern



*Oligocarpia gutbierii*

Pinna of a shrub-like fern