

THE FOSSIL ODONATE PHENACOLESTES, WITH A DISCUSSION OF THE
VENATION OF THE LEGION PODAGRION SELYS.

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CONTENTS.

Phenacolestes Material Studied, p. 225.
The Principal Characters of Phenacolestes, p. 227.
Comparisons of the fossils Dysagrion (p. 230), Melanagrion (p. 231) and Lithagrion (p. 232) with Phenacolestes.
Comparison of Thaumatooneura with Phenacolestes, p. 233.
Relationships of Thaumatooneura, p. 233.
Comparisons of Philogenia (p. 235), Megapodagrion [Allopodagrion] (p. 236), Paraphlebia (p. 237), Dimeragrion (p. 238), Heteragrion (p. 239), Mesagrion, Heteropodagrion and Neuragrion (p. 240), Rhipidolestes (p. 241), Podopteryx (p. 242), Argiolestes (p. 243), Chlorolestes (p. 244) and Various Old World Genera (p. 244) with Phenacolestes.
General Discussion of the Value of the Venational Characters compared in the preceding Genera for the Determination of Relationships, p. 245.
Synopsis of Venational Characters of Genera of the Legion Podagrion, p. 256.
Outline of an Alternative Grouping of the Genera of the Legion Podagrion, p. 261.
The Relationships of Phenacolestes, p. 262.
On the Subfamily Dysagrioninae Cockerell, p. 264.
Additional Data on Dimeragrion, n. gen., p. 265.
Bibliography, p. 270.
Explanation of Plate XIV, p. 272.

PHENACOLESTES MATERIAL STUDIED.

In 1908, Professor T. D. A. Cockerell described (1908a) two species of fossil Odonata from Station 14, Florissant, Colo., as *Phenacolestes mirandus* and *Ph.(?) parallelus*. A little later (1908b) he added a note based on an additional fragment which he referred to the latter species, and in another place (1908c) he gave a figure showing the body as well as the wings, the previous accounts having referred to the wings only. In connection with the original description he quotes from a letter from Professor Needham who almost implies that *Ph. mirandus* is to be placed in de Selys' legion Podagrion of the Agrioninae (1908a, p. 63).

In the latter part of 1910, Professor Cockerell wrote to me that he had found more wings of *Phenacolestes*, and requested me to study them, in view of some differences of opinion as to its relationship to modern dragonflies.

When I accepted this offer, Professor Cockerell sent me four