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## PALEONTOLOGICAL BULLETIN, No. 25.

*Verbal communication on a New Locality of the Green River Shales containing Fishes, Insects and Plants in a good state of preservation.*

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Owing to the rather softer character of the matrix the characters of the fishes could be worked out with much nicety. A collection which he had recently received includes sixteen species, all new. Their names are as follows:

? Chromididæ.

*Priscacara serrata* Cope.

" *cypha* Cope.

" *liops* Cope.

Percidæ.

*Mioplosus abbreviatus* Cope.

" *labracoides* Cope

" *longus* Cope.

" *beanii* Cope.

Asineopidæ.

*Asineops pauciradiatus* Cope.

? Aphredodiridæ.

*Erismatopterus endlichii* Cope.

*Amphiplaga brachyptera* Cope.

Clupeidæ.

*Diplomystus dentatus* Cope.

" *analisis* Cope.

" *pectorosus* Cope.

" *humilis* Leidy.

" *altus* Leidy.

Osteoglossidæ.

*Dapedoglossus testis* Cope.

" ?*encaustus* Cope.

Of the above genera all but two are new to science, and all of the species but three are likewise new. From the present collection something like a general view of the ichthyological fauna could be obtained, since the predominant types were probably represented in it. *Priscacara* is a Pharyngognath allied to the *Chromididæ* and *Pomacentridæ*, most nearly to the former; and *Dapedoglossus* is not far removed from *Arapæma* and *Osteoglossum*. The facies of the fauna is of a mixed character, both fresh water and marine types being present. The largest species is the *Osteoglossum encaustum*; the second in size the *Diplomystus dentatus*, which exceeds the moss bunker (*Brevurtia menhaden*).

The descriptions of the species and genera are in process of publication in the Bulletin of the U. S. Geol. Survey Terrs.