

the Miocene fauna of Kansas and eastern Colorado, of which much remains to be done; Mr. Gidley is working upon the Pleistocene horses, and has just completed a very careful revision of the species; Dr. McGregor is working upon Belodon and the Phytosauria, comparing the American and German types; Professor Osborn is especially studying the Titanotheres. At Princeton, Professor Scott is working up the Patagonian mammals. In the Carnegie Museum, Mr. Hatcher has just completed a memoir upon *Diplodocus*.

#### EVOLUTION OF THE HORSE.

A FRIEND of the American Museum of Natural History has recently presented a fund, which is to be used exclusively for the collection, exhibition and study of the fossil horses of America. Professor Osborn has planned two expeditions for the coming season, with the especial object of filling gaps in the already rich series. It is proposed also to mount as complete a series of fossil skeletons as possible, showing all the chief stages in the evolution of the horse from *Hyracotherium* to *Equus*. Four complete skeletons have already been procured, two of which have been mounted. It is also proposed to exhibit recent types of skeletons, showing the effects of artificial selection. H. F. O.

#### AN ARCHEOLOGICAL MAP.

BENEDICT's map of Chain-O'-Lakes, near Waupaca, Wis., copyrighted by F. M. Benedict in 1896, although not well known, is yet of considerable value and interest to archeologists. It locates the Wisconsin and Wolf River Indian trail, and by numbers indicates village sites, a bake hole, kitchen middens, graves, and conical, ovals and effigy mounds.

The location and description of such remains, however brief, are always valuable. The great number of archeological sites, and the comparative ease with which they could now be located and described, seem to cause local students to ignore the great need of present work in this line. They do not realize that the facilities for the work at the present time are far better than they will be a few years hence, when but a fragment of the same results could be accomplished. Mounds plowed over are

harder to find, and crops ruined by the excavations of the explorer are more expensive than anything injured on wild land. Permission of owners is also harder to secure in more thickly settled regions. In this connection Mr. Benedict's efforts certainly are commendable.

It is very desirable that such a map be constructed by every local student or lover of archeology, until every county in the country is covered. It might be saved for future use either by being published or by filing duplicate copies of it in several libraries or museums. Certainly specimens found by such students deserve a careful record and preservation in the nearest substantial public museum or college.

HARLAN I. SMITH.

#### THE BIOLOGICAL STATION OF THE UNIVERSITY OF MONTANA.

THE Biological Station of the University of Montana will be open for its third season beginning July 22d, for four weeks. The laboratory is near the P. O. of Holt, Montana, at the northern end of Flathead Lake, and from it a great variety of collecting grounds is easily accessible: Flathead Lake is 32 miles long and 16 wide, with an elevation of 4,000 feet; Swan River debouches into the Lake near the station, and numerous other large and small streams, swamps, smaller lakes, forests and mountains with an altitude of ten thousand feet offer a variety of conditions not within reach of many similar institutions.

Courses in zoology, botany, ornithology and nature study will be offered. A small party will leave Missoula early in June and will make explorations in the Cabinet or Mission mountains, reaching the Laboratory at the beginning of the sessions.

The facilities of the station which are placed at the service of students and investigators embrace a gasoline launch, row-boats, botanical apparatus, insect nets, pumping apparatus, etc., and a team and wagon equipped with camping outfit.

The New York Botanical Garden will cooperate in the botanical work of the Station. Dr. D. T. MacDougal, director of the laboratories in that institution will join the party in