

July 5th, 1853.

Vice-President BRIDGES in the Chair.

The following communication from Prof. Agassiz was read :

“The specimen of *Cambarus Gambelii* liberally lent to me by the Academy for comparison, has afforded most unexpected information. Why that species should have been referred to the genus *Cambarus* by Mr. Girard, who first described it, I am at a loss to ascertain, unless it be *because it inhabits the United States*, Erichson having ascertained that there are Crawfishes with six, and others with five pairs of gills, and that the species with five pairs of gills, for which he proposes the name of *Cambarus*, live in the United States. As soon as I learned that our zealous and lamented friend, Dr. Gambel, had left specimens of Crawfishes from the far West, my interest was aroused to the utmost, as I wanted to know whether the western range of this continent would present among these animals the same difference from those of the eastern, and the same agreement with those of the western parts of the old world, as have already been observed in their physical features, and in the geographical distribution of other beings. My anticipation was fully justified. *Cambarus Gambelii Gir.*, is no *Cambarus*, though it lives in America. It has six pairs of gills, as the Crawfishes of Europe, adding another instance of the remarkable correspondence of the eastern and western tracts of different countries, when compared with their homonyms, and of their striking difference when opposite shores are contrasted.”

July 12th.

Vice-President BRIDGES in the Chair.

Letters were read—

From the Linnean Society of Lyons, dated 22d April, 1853 ; from the Academy of Sciences, Belles Lettres, &c., of Lyons, of same date ; and from the Agricultural Society of Lyons, of same date ; severally transmitting the volumes of their publications announced this evening.

July 19th.

Vice-President BRIDGES in the Chair.

A letter was read from Henry A. Ford, M. D., dated Glasstown, Gaboon River, Africa, March 18, 1853, acknowledging the receipt of his notice of election as a Correspondent, and transmitting an additional collection of objects of Natural History for the Museum.

A letter was read from Mr. Richard D. Wood, of Philadelphia, dated July 12, 1853, acknowledging the receipt of his notice of election as a Member.

July 26th.

Vice-President BRIDGES in the Chair.

An amendment to Chapter 3, Art. 3, of the By-Laws, was adopted, changing the amount of a life membership from fifty dollars to one hundred dollars.



1852. "July 5th, 1853." *Proceedings of the Academy of Natural Sciences of Philadelphia* 6, 375–375.

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