

49, pp. 356-357) to "Interlingua" or "Latino sine flexione" proposed by Professor Peano of Turin University, president of the "Academia pro Interlingua"? Many believe that Interlingua has all advantages of Latin without its drawbacks. A quotation from one of the circulars of the "Academia" follows:

INTERLINGUA sive LATINO SINE FLEXIONE

Hodie quasi omni auctore scribe in proprio lingua nationale. Multitudine de linguas in labores de interesse commune ad toto humanitate constitue magno obstaculo ad progressu. Ex patiente studio de intelinguista resulta evidente quod linguas de Europa habe numeroso vocabulo commune. Vocabulario internationale es in quasi totalitate latino, graeco incluso, et es documento de historia de nostro civilizatione. Grammatica pote es reducto ad paucos aut nihil. Plures anni de studio non suffice pro posside latino aut alio lingua nationale, paucos horas suffice pro lingua internationale. Interlingua es intelligibile ad primo visum aut quasi.

Some pamphlets on the question are available for distribution to any of your readers interested in the subject.

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**PALEOLITHIC AND NEOLITHIC OBJECTS
FROM EUROPE**

THE undersigned has been granted a sabbatical year and sailed for Europe on September 13. He expects to visit prehistoric and neolithic sites in France, Belgium, England and Italy. During his travels he will secure from archeologists, museums or collectors type specimens illustrating the life of primitive man in these various countries. Two or three museums have asked him to obtain for them small exhibits. Readers of *SCIENCE* or museum curators who may desire European objects will please communicate with him at the below address and his secretary will forward the communication.

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SCIENTIFIC BOOKS

La Géologie Sismologique, Les Tremblements de Terre, Avec une préface de M. Pierre Termier, Membre de l'Institut. By COMTE FERNAND DE MONTESSUS DE BALLORE. Colin, Paris, 1924, pp. xiv and 488, 14 pls. and 114 figs.

THE posthumous appearance of the Count de Montessus's "La Géologie Sismologique" marks the completion of the seismologic trilogy, the first volume

of which, "Seismic Geography," first saw the light in 1906 and was quickly followed by "Seismic Science" in 1907. With singleness of purpose the Count has pursued his studies throughout more than a score of years and was busy reading the proofs of this completing volume when he was stricken with his fatal illness. Undeterred, he continued to labor upon these proof sheets with his accustomed ardor until the very day of his death, nearly three weeks later.

Together these three massive volumes, well organized and written in a clear incisive style, comprise what is now known of the science of seismology. They stand alone in their field as a comprehensive work of generalization, and are likely long to remain so. When nearly a half century ago the Count was a resident of San Salvador on a military mission and first turned his attention to the earthquakes which so frequently racked that country, it could hardly be said that a science of seismology existed. The misguided centum theory of earthquakes, due to Robert Mallet and dating from 1862, explained earthquakes as occasioned by an explosion of gases within a subterranean chamber (centrum), and the brilliant system of the Dutch physicist, Huyghens, had been cleverly made use of to follow the vibrations sent out from the supposed centrum. By many, however, earthquakes were still supposed to have their cause either in the atmosphere or in the changes of the moon. The part which the Count's own studies have had in dispelling all these erroneous notions is a dominating one.

In his "Seismic Geography" de Montessus showed on the basis of a comprehensive statistical study of the earthquakes of history, that about 95 per cent. of all known earthquakes have occurred within two great-circle belts, one circum-Pacific and the other intersecting the first at an angle of about 67 degrees and taking its course through Malaysia, the Mediterranean and the Caribbean. These zones de Montessus recognized as the Mesozoic geosynclines and as the belts of growing mountains of Tertiary and later periods. Such definite localization of earthquakes probably gave somewhat too great prominence to these belts and overemphasized a supposed immunity of the regions outside. Heavy earthquakes have indeed occurred in a few instances in the outside areas, such for example, as the great earthquake of the St. Lawrence Valley, February 5, 1663, the New Madrid earthquake of 1811 within the Lower Mississippi Valley, and the Charleston earthquake of 1886.

In his concluding volume, "Seismic Geology," the Count sets up a modified classification of earthquakes, apparently so as to include these neglected regions which have greater stability but lack entire immunity. He distinguishes two main classes: (I) glyptogenic