## CIVIL TIME;

## OR TABLES SHOWING THE DIFFERENCES IN TIME BETWEEN THAT USED IN VARIOUS PARTS OF THE WORLD AND GREEN-WICH MEAN TIME.

By JOHN MILNE, F.R.S.

(From 'The Geographical Journal' for February.)

[It is requested that corrections and additions to these tables may be sent to Mr. John Milne, Royal Geographical Society, Savile Row, London.]

## PREFACE.

THE greater part of the information contained in the following tables is based upon replies to a circular which, through the kindness of the Foreign, Colonial, and India Offices, was forwarded to Her Majesty's representatives in various parts of the world.

This circular is here reproduced, first, because it explains the object of the tables; secondly, because it shows the difficulty there is in obtaining the information required; and thirdly, with the hope that persons interested in the matter of time differences will forward notes on the subject, especially in connection with countries and places not included in the following list.

" British Association, Burlington House, London, W.

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"Sn,--It is, I think, remarkable that there appears to be no publication which shows the corresponding value in Greenwich mean time, of the local time employed throughout the world.

"Such a table is indispensable in order to determine accurately the instant of occurrence of earthquakes, sea-waves, magnetic phenomena, the despatch of telegrams, and many other events, the sequence of which in absolute time has to be determined.

"Although application has been made to the Royal Observatory at Greenwich, to the Royal Geographical Society, to the Central Telegraph Office in London, to the offices of cable companies, and to other possible sources of information, very little has been obtained.