feature of the *Annuaire* for 1916. This title is amply fulfilled
in the text of the article with its full explanations and in the
numerous diagrams. As with so many French writers, the
author does not hesitate to start with a brief but clear expla-
nation of the fundamental principles of meteorology, gradually
carrying the reader towards the special line of thought which
he is investigating, so that the whole constitutes an elementary
treatise on the subject. There is also a sympathetic account
of Commandant Guyou by M. Emile Picard. M. Guyou
had long been connected with the naval activities of France
and more particularly with various problems of navigation.
He had taken an active part in the publication of the *Annuaire*.

The body of the publication is kept up to date in the usual
manner. A useful novelty, and the only one noticed, is a
supplement containing the chief astronomical events for the
year 1917 compressed into eighteen pages.

ERNEST W. BROWN.

NOTES.

AT the meeting of the London mathematical society held
on April 27 the following papers were read: By H. S. CARSLAW:
"The Green's function for the equation $\nabla u^2 + k^2 u = 0$, II";
by S. CHAPMAN: "On the uniformity of gaseous density,
according to the kinetic theory"; by J. HODGKINSON: "The
nodal points of a plane sextic"; by P. A. MACMAHON: "Some
problems of combinatory analysis"; by S. POLLARD: "On the
deduction of criteria for the convergence of Fourier's series
from Fejér's theorem concerning their summability"; by Mrs.
G. C. YOUNG: "On the derivatives of a function"; by W. H.
YOUNG: "Note on functions of upper and lower type."

AT the meeting of the Edinburgh mathematical society on
May 12 the following papers were read: By S. BRODETSKY: "The
linear differential equation of the second order"; by D. M. Y.
SOMMERVILLE: "A new nomogram for the cubic equation";
by G. PHILIP: "On a group of parabolas associated with the
triangle"; by F. G. TAYLOR: "Birationally related cubics."

THE National bureau of the census has recently published a
bulletin on the United States life tables prepared by Professor