

BOOK REVIEW

Microscopie, organe trimestriel de la SOCIÉTÉ FRANÇAISE DE MICROSCOPIE THÉORIQUE ET APPLIQUÉE. Secrétaire Général: MARCEL LOCQUIN, 12 Rue de Buffon, Paris 5e. Tome I, No. 2. Editions de la Revue d'Optique théorique et instrumentale.

This journal not only contains reports of the meetings of the Société française de microscopie, but also original papers on microscopy. New apparatus is also discussed and book reviews are included. The object of the journal is to present articles comprising the whole field of microscopy.

In these issues, for instance, one can find a lucid review by FAURÉ-FRÉMIET regarding applications of the electron microscope in biological investigations. Among other things he discusses the difficulties encountered in preparing the material—the drying and cutting of the sections—the structure of collagen fibres of bacteria, of the cytoplasm of thrombocytes and of striated muscle fibres. A number of reproductions of these preparations is included in the review.

In another paper FAURÉ-FRÉMIET and collaborators describe an investigation on the hyaloplasm of macrophages of a triton and a snail. With the aid of the electron microscope a large number of granules (about 100 m μ) could be discerned; these granules are probably also present in the living cell. The aspect does not change by treatment with ribonuclease.

A number of technical papers are also of interest. Many practical details regarding cinematography are described. Another paper discusses a new phase disk, with which it is possible to regulate the absorption of the geometrical ray in polarized light. The SPIERER objective is treated in a further paper, and there is also an article concerning the later phase-contrast method. LOCQUIN describes the possibility of establishing structures, smaller than 1 micron with the optical microscope.

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ERRATA

Volume 3 (1949) 639

Paper by FLORENCE B. SEIBERT, M. STACEY, AND P. W. KENT: An antigenic polysaccharide, "polysaccharide II", isolated from tuberculin.

In Table IV, Average longevity in days for B.C.G. treated rabbits:

should be 333

instead of 133

Tome 4 (1950) p. 182 et 183.

Article de L. GENEVOIS: Essais de bilans de la fermentation alcoolique due aux cellules de levures.

p. 182. *in fine*, au lieu de: un p_H relativement
lire: un r_H relativement.

p. 183, 2^{ème} ligne, au lieu de: des p_H de 10 à 11
lire: des r_H de 10 à 11.