

Each chapter has a full bibliography. The editors have also assembled in the book an admirable collection of portraits of the great pioneers in cardiovascular physiology.

ARTHUR S. MACNALT.

#### REFERENCE

Lewis, T., and MacNalty, A. S., *J. Physiol. (Lond.)*, 1908, 37, 445.

## Mycological Techniques

**Diagnostic Medical Mycology.** By Leonor D. Haley, Ph.D. (Pp. 204 + x; illustrated. \$4.95.) New York: Appleton-Century-Crofts. 1964.

This little book is written primarily for the use of technicians trained in bacteriological methods. It is therefore, as it should be, primarily concerned with methods of processing material suspected of being pathogenic. It consists of 22 chapters, each with references, and an appendix and index.

The first chapter provides a taxonomic outline of the fungi, which is excellent as far as it goes, and is probably adequate, as most bacteriological technicians at least have the opportunity of following some course or other in elementary mycology. The second chapter, on the collection of the different types of clinical material, and those that follow, mostly on specialized methods appropriate for dealing with particular fungal pathogens suspected of being present in the material, are excellent and of great value in this respect. Unfortunately in these some of the mycology is inaccurate. For example, it is incorrect to state that the microconidia in the genus *Microsporum* are "round," because in fact they are characteristically elongate. It is also incorrect to state categorically that the varieties *interdigitale* and *granulare* of *Trichophyton mentagrophytes* are not distinguishable microscopically from *T. rubrum*. The shape of the microconidium (mainly rounded or pip-shaped in these varieties and mainly elongate in *T. rubrum*) and the manner in which they are produced (mainly "en

grappe" in these varieties and mainly "en thyse" in *T. rubrum*) serve to distinguish these varieties from *T. rubrum*. Moreover spiral hyphae are developed in most strains, whereas they are rare in *T. rubrum*. It is true that some strains of these varieties are difficult to distinguish microscopically from *T. rubrum* and for this reason other criteria may be more reliable. Chapter 21 on special techniques for the microscopical study of many of the organisms mentioned in the previous chapters is useful; so also is chapter 22 on the composition of culture media and reagents. Finally the appendix summarizes admirably, for the most part, the principal diagnostic features of these fungal pathogens.

The text is clearly printed on matt-surfaced paper and appropriately though sparingly illustrated with clear photomicrographs and line drawings and bound between stiff paper with green glossy surface. A good guide to technique and a book worth buying for this reason, at only 4 dollars 95 cents (36 shillings).

C. J. LA TOUCHE.

## Books Received

*Review is not precluded by notice here of books recently received.*

**Pain in the Chest.** By William H. Wehrmacher, M.D., F.A.C.P., F.A.C.C. (Pp. 403 + xvi; illustrated. \$14.) Springfield, Illinois: Charles C. Thomas. 1964.

**Drugs in Anaesthetic Practice.** 2nd edition. By F. G. Wood-Smith, M.A., M.B.(Cantab.), F.F.A.R.C.S., and H. C. Stewart, M.A., M.D. (Cantab.), Ph.D.(Lond.), M.R.C.P. (Pp. 523 + xi. 75s.) London: Butterworth. 1964.

**Parkinsonism.** By Gilbert Onuaguluchi, Ph.D., B.Sc., L.M.S., M.R.C.S., M.R.C.P. (Pp. 168 + ix; illustrated. 55s.) London: Butterworth. 1964.

**The Visual Fields.** Textbook and atlas of clinical perimetry. By David O. Harrington, A.B., M.D., F.A.C.S. (Pp. 386; illustrated. £6.) London: Henry Kimpton. 1964.

**Renal Biopsy.** By D. B. Brewer, M.D.(Path.), M.C.Path. (Pp. 92; illustrated. 40s.) London: Edward Arnold. 1964.

**Psychiatric Glossary.** Meaning of words most frequently used in psychiatry. 2nd edition. (Pp. 79. 12s. 6d.) London: Basic. 1964.

**Chemical Constitution of Natural Fats.** 4th edition. By T. P. Hilditch, C.B.E., D.Sc. (Lond.), F.R.I.C., F.R.S., and P. N. Williams, M.Sc.(Liv.), F.R.I.C. (Pp. 745 + xv. £7 10s.) London: Chapman & Hall. 1964.

**Diagnostic Virology.** By G. D. Hsiung. In collaboration with J. R. Henderson. (Pp. 125; illustrated. 33s. 6d.) New Haven and London: Yale University Press. 1964.

**Year Book of Medicine.** (1964-5 Year Book Series.) Edited by Paul B. Beeson, M.D., Carl Muscheinheim, M.D., William B. Castle, M.D., Tinsley R. Harrison, M.D., Franz J. Ingelfinger, M.D., and Philip K. Bondy, M.D. (Pp. 808; illustrated. 64s.) Chicago: Year Book Medical Publishers. London: Lloyd-Luke. 1964.

**Acne.** And related disorders of complexion and scalp. By Arthur Bobroff, M.D. (Pp. 120 + viii; illustrated. \$5.75.) Springfield, Illinois: Charles C. Thomas. 1964.

**Actualités Cardio-Vasculaires Médico-Chirurgicales.** 1st series. Les Valvulopathies du Cœur Gauche et leur Traitement Chirurgical. Edited by R. Froment, A. Conin, and P. Michaud. (Pp. 258 + vi; illustrated. 48 F.) Paris: Masson. 1964.

**L'Année Endocrinologique.** 16th year. By M. Albeaux-Fernet, L. Bellot, L. Ganet, J. Deribieux, M. Gelinet, and J. D. Romani. (Pp. 232. 36 F.) Paris: Masson. 1964.

**Biochemistry of the Brain During the Process of Dying and Resuscitation.** By Mariya Sergeevna Gaevskaya. Translated from the Russian by J. A. Stekol, B.S., M.S., Sc.D. (Pp. 101. \$17.50.) New York: Consultants Bureau. 1964.

**Muir's Textbook of Pathology.** 8th edition. Revised by D. F. Cappell, C.B.E., M.D., F.R.C.P.(Glas., Edin., Lond.), F.C.Path, F.R.S.-Edin. (Pp. 871 + xv; illustrated. £5.) London: Edward Arnold. 1964.

**Parsons' Diseases of the Eye.** 14th edition. By Sir Stewart Duke-Elder, G.C.V.O., Ph.D., D.Sc., LL.D., M.D., F.R.C.S., F.R.A.C.S., F.A.C.S., F.R.C.P., F.R.S. (Pp. 600 + viii; illustrated. 60s.) London: J. & A. Churchill. 1964.

**Clinical Endocrinology.** For Practitioners and Students. 4th edition. By Laurence Martin, M.D.(Camb.), F.R.C.P.(Lond.). (Pp. 306 + vii; illustrated. 36s.) London: J. & A. Churchill. 1964.

**Dysplasia, Carcinoma in Situ and Micro-Invasive Carcinoma of the Cervix Uteri.** Compiled by Laman A. Gray, M.D. (Pp. 452 + xi; illustrated. \$22.50.) Springfield, Illinois: Charles C. Thomas. 1964.

**Biochemical Diseases (Chemical Pediatrics).** By I. Newton Kugelmas, M.D., Ph.D., Sc.D. (Pp. 1,229 + xx. \$35.50.) Springfield, Illinois: Charles C. Thomas. 1964.

**Organization of the Spinal Cord.** Progress in Brain Research. Vol. 2. Edited by J. C. Eccles and J. P. Schädé. (Pp. 284; illustrated. 90s.) Amsterdam, London, and New York: Elsevier. 1964.

**Multivariate Statistical Analysis for Biologists.** By Hilary L. Seal. (Pp. 207 + xi. 45s.) London: Methuen. 1964.

**The Old Wise Woman.** A Study of Active Imagination. By Rix Weaver. (Pp. 143 + vii; illustrated. 30s.) London: Vincent Stuart. 1964.

**Medizinische Kulturgeschichte des 20 Jahrhunderts im Rahmen einer Autobiographie.** By Dr. Julius Bauer. (Pp. 145. O.S. 78.) Vienna: Wilhelm Maudrich. 1964.

**Les Mélanomes Malins Primitifs en O.R.L.** By Yves Guerrier and René Oriol. (Pp. 188 + vii; illustrated. 30 F.) Paris: Masson. 1964.

**Occupational Health.** Guide to Safeguards against Employee Sickness and Accident. By Dr. E. E. Lieber, L.M.S.S.A., M.M.S.A. (Pp. 192 + vi; illustrated. 45s.) London: Business Publications. 1964.

**L'Arrêt Circulatoire.** By R. Courbier and J. Torresani. (Pp. 224 + xi; illustrated. 35 F.) Paris: Masson. 1964.

**Maladies et Syndromes.** Rares ou peu connus. 3rd series. By A. Aimes. (Pp. 333. 50 F.) Paris: Masson. 1964.

**Carcinoma in Situ.** Vorstadium des Gebärmutterhalskrebses Grundlagen und Praxis. By Günther Kern. (Pp. 214 + vii; illustrated. DM 69.) Berlin, Göttingen, Heidelberg, and New York: Springer. 1964.

**Surgery of the Breast.** By Louis H. Jorstad, M.D., F.A.C.S. With collaboration of Meredith Jorstad Payne, M.D., F.A.C.S. (Pp. 220; illustrated. £6 12s. 6d.) Saint Louis: C. V. Mosby. London: Henry Kimpton. 1964.

**Adaptation of the Newborn Infant to Extra-Uterine Life.** Edited by J. H. P. Jonxix, M.D., H. K. A. Visser, M.D., and J. A. Troelstra, M.D. (Pp. 331 + xiii; illustrated. Fl. 38.) Leiden: H. E. Stenfort. 1964.

**The Obstructing Acromion.** Underlying Diseases, Clinical Development, and Surgery. By Bernard Diamond, M.D., F.A.C.S. (Pp. 212 + xv; illustrated. \$9.50.) Springfield, Illinois: Charles C. Thomas. 1964.

**Ego and Milieu.** Theory and Practice of Environmental Therapy. By John Cumming, M.D., and Elaine Cumming, Ph.D. Foreword by Alfred H. Stanton, M.D. (Pp. 292 + xv. 55s.) London: Tavistock. 1964.