

pose the compromise of an "intracellular extracellular space."

Eight of the 15 papers relate mainly to experimental oedema and will be familiar to specialists from other publications. Otherwise, notably new material here is the report of A. Lasansky on retinal glia, and that of Miguel and Haymaker with its evidence and argument that the glycogen accumulation in astrocytes (as "trophocytes") following ionizing radiation of brain occurs as a result of metabolic suppression in the neurone. Tasaki, Svætichen, and Galambos, in three essays, argue their cases for a role for neuroglia in electrical events in the nervous system.

C. E. LUMSDEN.

## Jealousy and Murder

**Morbid Jealousy and Murder.** By Ronald Rae Mowat. (Pp. 131+xii, 30s.) London: Tavistock. 1966.

In these islands murder is a matter which tends to be kept within the family or at least among friends. About three-quarters of all murders come into this category and our concern with more dramatic homicides should not be allowed to conceal the fact that deterrents and other measures designed to prevent murder in the course of other criminal activities would make little difference to our national statistics. Each year nearly one-third of our murderers commit suicide shortly after their crime and another third are found to be mentally ill. Among this latter group Dr. Mowat has studied those whose murders were associated with morbid jealousy.

His chapters include useful reviews of the law relating to murder and insanity and of the various psychiatric theories on the nature of delusional ideas. Cases were selected from the Broadmoor case notes over the past 20 years, and 12% of the male and just over 3% of female murderers admitted were found to have shown morbid jealousy at the time of the crime. Those inmates still alive at the time of the study were interviewed and the case notes of all patients were scrutinized and reported in some detail.

Surprisingly only seven of the 40 male murderers interviewed were described as

showing monodelusional morbid jealousy, whereas 13 were unequivocally schizophrenic, eight depressive, and six "purely alcoholic."

The important message which emerges from this study is that nine out of ten of the morbidly jealous male murderers had, through threats, accusations, or previous violence, given clear indications of their pathological jealousy. This malignant delusion may provide one of the rare occasions when the physician has a duty to recommend permanent separation of marital partners. This careful study adds some facts to a field overburdened with opinion.

S. BRANDON.

## Radioactive Fallout

**Radioactive Fallout from Nuclear Weapons Tests.** Conference, Germantown, Maryland, 1964. Edited by Alfred W. Klement, Jun. (Pp. 953+xi; illustrated. \$6.50.) Oak Ridge, Tennessee: U.S. Atomic Energy Commission. 1965.

The Second Conference Report on radioactive fallout from nuclear weapons tests is necessary reading matter for a very few specialists only. Although the conference was sponsored by the Division of Biology and Medicine of the U.S. Atomic Energy Commission, the reader will find only very little biology in the 900-odd pages. What has been reported from the last session gives little fundamentally new: the ordinary reader will obtain a better insight into the general problems from something written specifically as a review, such as the Report of the United Nations Scientific Committee on the Effects of Atomic Radiation.

For the reader who likes to get ideas from what other scientists study there will of course be plenty of variety and incidentally jargon—for example, Project Participation in Small Boy Shot Fallout Program. There is some clever work and gadgetry on the physical and chemical analysis of single particles of micron and submicron size, an investigation of the kinetics of wetting in washout of dust, and some fascinating meteorology—tropospheric and stratospheric.

J. F. LOUIT.

## Hand Surgery

**Functional and Surgical Anatomy of the Hand.** 2nd edition. By Emanuel B. Kaplan, M.D., F.A.C.S. (Pp. 337+xiv; illustrated. £6 6s.) London: Pitman. Philadelphia: J. B. Lippincott. 1965.

The last 20 years has seen the gradual emergence of hand surgery as an important specialty of its own with considerable advances in techniques in tendon repair, thumb replacement, the surgery of hands crippled by rheumatoid arthritis and leprosy, and now even the replantation of the severed hand. Parallel with these surgical advances there has naturally been an increasing interest in the detailed anatomy of the hand. Dr. Kaplan has performed a service by producing this beautifully illustrated and detailed monograph. Many of the drawings are based on the author's own dissections. The text deals with the functional and surface anatomy of the hand, surgical approaches, anatomical variations and the effects of ageing, as well as with purely descriptive anatomy. The bibliography is exhaustive and ranges over the English, French, and German, as well as American publications. This is a book for the specialist, but should certainly prove of value to the orthopaedic surgeon with a particular interest in the surgery of the hand.

HAROLD ELLIS.

## Medical Jurisprudence

**Taylor's Principles and Practice of Medical Jurisprudence.** 12th edition. Edited by Keith Simpson, M.A., M.D., F.R.C.P., F.C.Path., D.M.J. (Pp. vol. 1, 526+viii; vol. 2, 615+vi; illustrated. £12 set of 2 vols.) London: J. & A. Churchill. 1965.

"Taylor," in its 12th centenary edition, outwardly retains its familiar appearances. It is clear, however, that revision of the text has been thorough, new material in plenty has been introduced, and there are many new, interesting, and pertinent cases. Citation of references is adequate and up to date; some appeared as recently as 1965. The work is in every way "abreast of the times." The editor, Professor Keith Simpson, and his collaborators, need have no qualms about the well-being of the work.

C. J. POLSON.

## Books Received

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

**Aspects Moléculaires de l'Adaptation et de la Phylogénie.** By Marcel Florin. (Pp. 258+vii; illustrated. 49 F.) Paris: Masson. 1966.

**Les Radioéléments.** Production, Dosage, Applications. By Daniel Blanc. (Pp. 288. 59 F.) Paris: Masson. 1966.

**Almroth Wright.** Founder of Modern Vaccine-Therapy. By Zachary Cope, Kt., B.A., M.S., F.R.C.S. (Pp. 184; illustrated. 42s.) London: Nelson. 1966.

**The Human Body.** The Blueprint of Man's Structure and Function. By C. H. Barnett, H. Grayshon Lumby, and Deryck Taverner. (Pp. 105. Annotated illustrations. 15s.) London: English Universities Press. 1966.

**Bone Marrow Reactions.** By Joseph Mendel Yoffey, D.Sc., M.D., F.R.C.S. (Pp. 152+vi, 30s.) London: Edward Arnold. 1966.

**The Plate Glass Prison.** By George C. Firth. (Pp. 171. 15s.) London: Royal National Institute for the Deaf. 1966.

**Ballistocardiography and Cardiovascular Dynamics.** Congress, Amsterdam, 1965. Edited by A. A. Knoop. (Pp. 347+viii. sFr./DM. 65.) Basel and New York: S. Karger. 1966.

**Annual Review of Medicine.** Vol. 17. Edited by Arthur C. De Graff. (Pp. 563. \$9.00.) Palo Alto, California: Annual Reviews. 1966.

**None of These Diseases.** By S. I. McMillen, M.D. (Pp. 158. 6s.) London: Oliphants. 1966.

**Venereal Diseases.** By R. S. Morton. (Pp. 185. 3s. 6d.) London: Penguin. 1966.

**Principles of Environmental Monitoring Related to the Handling of Radioactive Materials.** Report by Committee 4 of the International Commission on Radiological Protection. (Pp. 11+iv. 6s. 6d.) Oxford, London, Edinburgh, New York, Toronto, Paris, and Braunschweig: Pergamon. 1966.

**Strahlenschäden und Strahlenhämatologie.** Edited by Prof. A. Morczek. (Pp. 166; illustrated. £2 2s. 7d.) Berlin: Volk und Gesundheit. 1965.

**The Thread of Life.** An Introduction to Molecular Biology. Based on the series of B.B.C. Television Lectures. By John C. Kendrew, F.R.S. (Pp. 112+52 illustrations. 21s.) London: G. Bell. 1966.

**Blood Diseases of Infancy and Childhood.** 2nd edition. By Carl H. Smith, M.A., M.D. (Pp. 800+xxiv; illustrated. £8 5s.) London: Henry Kimpton. 1966.