the text, 2 schematic tables of sensory distribution and an appendix with 166, partly colored
illustrations.

The complex field of rheumatic diseases is systematically analyzed and classified
based on the author's extensive experience in European and American clinical
centers. Physiopathologic considerations prevail, and the clinical descriptions are
well integrated with the results of roentgenologic and laboratory studies. Special
consideration is given to differential diagnosis and therapeutic procedures; early
diagnosis is aided by excellent illustrations from the author's own material, thus
enhancing the value of this excellent textbook.

E. S.

Symptomatologie-DiTerentialdiagnose-Therapie. Aus der Sicht des Nerven-, Augen-, Hals-,
Nasen-, Ohren- und Zahnarztes. Mit einem anatomischen Anhang. S. Karger, Basel/New York
1958. XVI+344 Seiten, 41 zum Teil farbige Abbildungen. sFr. 49.50.

This book is the result of the cooperation of a neurologist, an ophthalmologist,
a rhino-otologist, a dental surgeon and an anatomist. It offers, therefore, to the
practitioner an excellent multidisciplinary approach to the complex headache Pro
blem. For a new edition a chapter dealing with Psychiatric aspects would be re-
commended.

E. S.

XIV+83 p., § 3.00.

This small but very remarkable and important book by a mathematician and amateur neurologist
reaches conclusions about brain mechanisms and the neural codes which are essentially identical
with the conclusions which this reviewer, as a neurologist and amateur mathematician, has
expressed in his recent monograph on brain and consciousness. It is perhaps not without
significance that, although we
proceeded quite independently and along entirely different lines of approach, concordant conclusions were reached: the neural mechanisms, despite their *prima facie* digital function, may conceivably include analogue processes, that is, represent a "mixed System". Numerous neurologically highly relevant views concerning both artificial and cerebral logical mechanisms are lucidly exposed in this poignant treatise, written by a dying man in a race against death.


_Cossa, P._ et collaborateurs: Therapeutique neurologique et psychiatrique. 2e edition. Masson et Cie, Paris 1959. {Fr. 5800.-}.

In view of the rapid advances of treatment in neurology and psychiatry, the second edition of this text has been nearly completely rewritten. It has been restricted to the medical and physical treatment of neurologic and psychic disorders omitting the previously included neurosurgical chapters so that more space could be devoted to the advances in antibiotics, hormonal treatment, X-ray irradiation, shock treatments etc.


The author studied the pneumoencephalogram of schizophrenics in an attempt to find data in Support of the view that schizophrenia is caused by somatic changes. He arrived at the conclusion that the brain stem and diencephalic theory of this disease is supported by the encephalographic findings. Initially there may be reversible functional changes; however, in the majority of the cases, morphologic, demonstrable changes may develop. At a time when most psychiatrists are inclined to explain schizophrenia only by psychological mechanisms, the positive demonstration of morphologic changes supplied by the author seems to be of great interest. _E.S._


When a monograph of the size of "Lipidoses" appears in the 3rd edition, it probably does not need a recommendation. _Thannhauser's_ classic has the advantage of being written by one author able to cover the chemical as well as the clinical approach. The new edition has been brought up to date, the chapter on chemistry enlarged. The print and illustrations conform to the high Standard of the publishers

_M. S. A._


After a historical introduction, the authors discuss the problem from the endocrinological point of view and the methods used in examination of water-electrolyte metabolism. They present 18 individual cases, their immediate and later reactions. Finally they describe the treatment of the disturbances of water and electrolyte metabolism, particularly the indications for use of Cortisone, ACTH, and posterior pituitary extracts.

_M. S. A._