

compounds and the feeding of Bantu workers; gradual replacement of male orderlies by Bantu nurses 50 years ago; training in first aid for White and Black miners; and the formation and training of proto teams.

Dr Orenstein joined the Institute in 1916 and was Vice President during 1924/1925.

He was awarded the Institute's gold medal in 1958. He was also the second President of the A.S.T.S., holding office in 1921 and in 1922. He was elected an Honorary Life Fellow of the Institute in April, 1960.

Another signal honour was his appointment in World War I (as Colonel) and in World War II (as Major General) to the position of Director of Medical Services of the South African forces. Indeed, he was the only senior officer on either warring side who held the same appointment in both World Wars.

Mentally active and remaining a high performer, he chose never to reap the fruits of retirement. He was 77 when he accepted appointment as the first director of the Pneumoconiosis Research Unit of the C.S.I.R. Because of his drive and past achievements, he was an effective spokesman whenever support was sought for research concerned with the mine worker's health.

He was over 92, with pins in both his hips, when he was asked to express an opinion on the likely health hazard created by a complicated chemical process under development. He insisted on climbing up two flights of stairs to inspect the operation and his perspicacity with

regard to the process itself, astounded the research workers. Since he was known to be a linguist, he was also asked whether he could help with a translation of a research report published in Russian. Next morning he sent a full and lucid translation in his steady, clear handwriting. His daily tasks obviously did not extend his intellect.

M.B.

Book review

AUSTRALIAN MINERAL INDUSTRY REVIEW FOR 1970

The Review is prepared by the Bureau of Mineral Resources, Geology and Geophysics, and gives an interesting and up-to-date account of the Australian minerals industry.

The book is in three sections. The first is a general review and summary of the mineral industry. The second deals in detail with individual minerals from "abrasives" to "zirconium". The third section covers miscellaneous items and general statistics.

It is interesting to note that the value of mineral production in Australia has increased from 852 million dollars (Aus.) in 1968 to 1 447 million dollars in 1970.

This is a useful reference book.

H.P.C.