ANCIENT EGYPTIAN METALLURGY

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Ancient Egyptian metallurgy by H. Garland & C. O. Bannister

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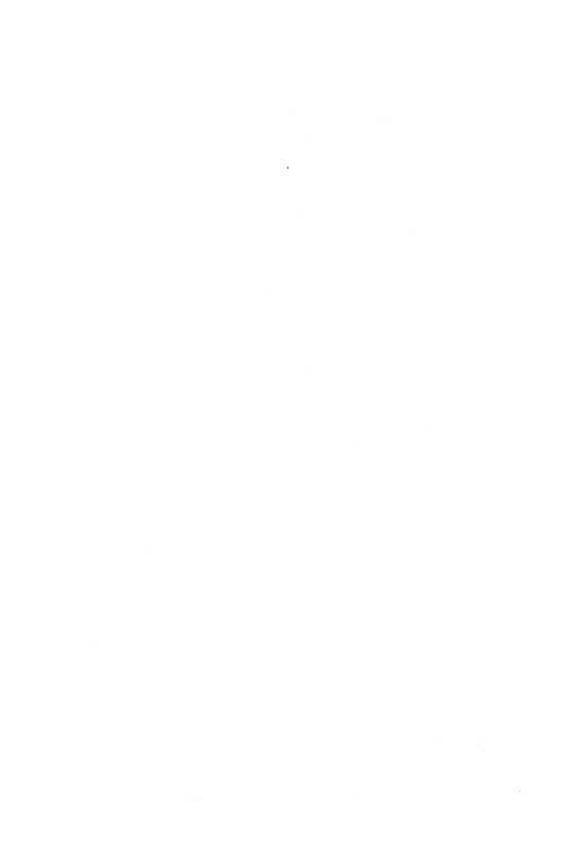
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In October, 1916, he left Cairo for Arabia, where be trekked in the desert disguised as an Arab, destroying the Turkish Railway. He was awarded the O.B.E., M.C., the Arabian order "El Nahdeh," and twice the "Order of the Nile," and was mentioned in despatches several times.

After the War he was with Lord Allenby at the "Residency," Cairo, as Director of the Arab Bureau.

In 1921 he had to leave Egypt on account of ill health, arriving in England on March 28th. He died suddenly six days later, April 2nd.

ÀNCIENT EGYPTIAN METALLURGY.

HY

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PREFACE.

The note attached to the Frontispiece of this volume tells the tragic story of the death of the distinguished author six days after his return from the scene of many years' labour. During these years in Egypt Major Garland had exceptional opportunities for the collection and thorough examination of ancient metal specimens not easily obtainable by other metallurgists. Messrs, Griffin once again have served metallurgical students by encouraging the author to put together in book form his extensive notes and critical memoranda which otherwise might never have been made public. Unfortunately, a chapter on Gold and Silver, intended to be included, was only represented in the Manuscript by notes too scrappy to be of any real value.

It was a delicate task entrusted to me by the Publishers to examine and edit the extremely interesting and informing notes, and give them their final arrangement for publishing, but it has proved both fascinating and instructive.

The practical points brought out by this work are (1)
The value of microscopical examination in the study of
ancient specimens: (2) The probability of a much earlier
iron age in Egypt than that generally accepted: (3)
The early use of the "circ perdu" process for castings;
and (4) the comparatively late use of cold working
associated with annealing for the shaping of vessels,
etc.