

P168
644

INSTRUCTION

IN

PHOTOGRAPHY.

BY

CAPTAIN ABNEY, R.E., F.R.S., ETC.,

*Instructor in Chemistry and Photography at the School of Military
Engineering, Chatham.*

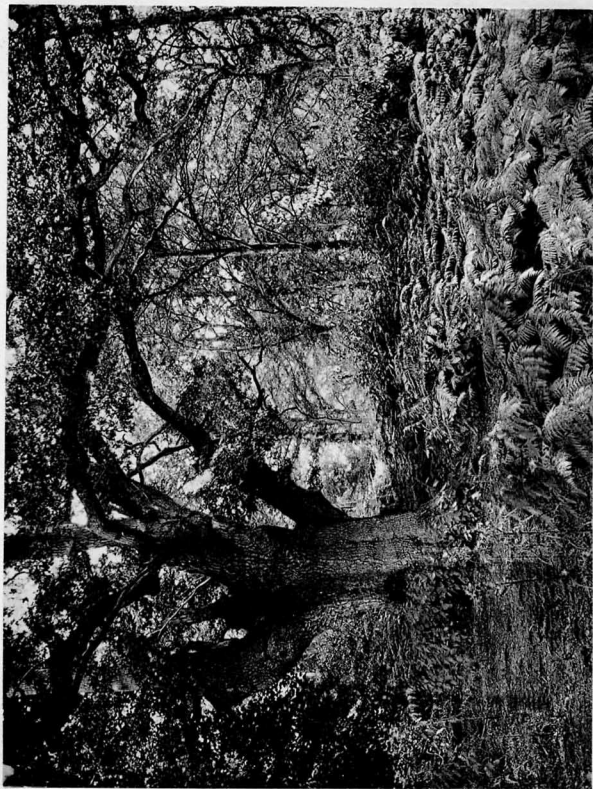
THIRD EDITION.

LONDON:

PIPER & CARTER, GOUGH SQUARE, FLEET STREET, E.C.

1876.

LONDON:
PIPER AND CARTER, PRINTERS, GOUGH SQUARE, FLEET STREET.



IN WINDSOR FOREST.

From a negative by Captain Abney, R.E. Printed by the Woodburytype Process.

PREFACE TO THIRD EDITION.

At THE commencement of this year, when my publishers informed me that "Instruction in Photography" was "out of print," I had not intended to bring out another edition of it under the old designation, as Messrs. Longmans had requested me to write one of their "Text-Books of Science" on the same subject.

Circumstances, however, lately arose which showed me the advisability of reconsidering my determination, and I have therefore revised and enlarged my original work, leaving it on the same plan as before, and still find myself able to continue preparing "Photography" for Messrs. Longmans. This latter will enter much more fully into theory than it seemed advisable to do in the present Manual, which is intended rather for practical workers than for an educational series.

It has been a matter of self-congratulation that the last large edition has become so quickly exhausted, and I am induced to hope that the present one will be equally successful.

W. DE W. ABNEY,

CAPTAIN R.E.

Chatham, October, 1876.

PREFACE TO SECOND EDITION.

A SMALL edition of this Manual was originally prepared for private circulation amongst the officers and men of the corps of Royal Engineers. Much of it, however, got distributed beyond this circle, with the effect of creating such a large demand upon me for copies, that had I supplied them the numbers printed would long ago have been exhausted. Under these circumstances I determined, with the sanction of the Inspector-General of Fortifications, to bring out an edition for the general public. -

As the contents have been chiefly compiled from notes, names of persons who may be connected with processes are often omitted, not from intention, but from ignorance. As it is a work of a practical character, and not a history of the art, I trust that such omissions will not affect its value.

W. DE W. ABNEY,

CAPTAIN R.E.