ON THE VARIOUS METHODS OF PRINTING PHOTOGRAPHIC PICTURES UPON PAPER: WITH SUGGESTIONS FOR THEIR PRESERVATION

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ROBERT HOWLETT

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Trieste

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SUGGESTIONS FOR THEIR PRESERVATION.

BY ROBERT HOWLETT.

Tested by Practice.

LONDON:
SAMPSON LOW, SON, AND CO., 47 LUDGATE HILL;
AND AT
THE PHOTOGRAPHIC INSTITUTION, 168 NEW BOND STREET.
1856.

PREFACE.

THIS little Manual pretends to nothing more than to be a safe and intelligible guide in the various processes of Photographic Printing. These processes may be said to be common property, inasmuch as they are the fruit of much scientific investigation, and of a vast number of experiments conducted specially with a view to remedy whatever had been found faulty in practice. They have thus been gradually brought into their present comparatively perfect condition.

In describing them, I have not been unmindful of the difficulties which beset myself when first starting in the photographic course; it has been my study to give

full and precise directions such as are capable of being pursued successfully with only ordinary attention.

Of the use made of Mr. Sutton's "Handbook of Negative Printing," an acknowledgment is inserted in the proper place, but I wish to repeat it here; and I must likewise express my obligations to Mr. Hardwich's "Chemistry of Photography" for many valuable suggestions.

ROBERT HOWLETT.

168 *New Bond Street.*

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THE ALBUMEN PROCESS.

The most simple process for obtaining positive prints is that upon albumenized paper. The best paper for albumenizing is Canson frères, either the positive or negative; the latter has a very fine surface, and produces more delicate prints than the thick positive paper.

To Albumenize Paper. — Dissolve 400 grains of chloride of sodium in 20 oz. of distilled water; add the whites of 20 fresh eggs; beat the mixture into a froth by means of a bunch of quills; then pour it through a piece of fine muslin placed in a large glass funnel. In the course of a few hours nearly the whole will have subsided into a clear liquid. The paper being selected (the smoothest side marked), and cut to the required size, pour the clear albumen into a glass dish to the depth of about half an inch. Place one end of the paper upon the surface of the albumen, and gradually depress the other end, taking great care to exclude air-bubbles;