

**DRY PLATE MAKING FOR
AMATEURS: A SERIES OF
ARTICLES FIRST PUBLISHED
IN THE PHOTOGRAPHIC TIMES**

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Dry Plate Making for Amateurs: A Series of Articles First Published in the Photographic Times
by George L. Sinclair

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GEORGE L. SINCLAIR

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Science Museum

DRY PLATE MAKING

FOR

AMATEURS.

A SERIES OF ARTICLES FIRST PUBLISHED IN THE
PHOTOGRAPHIC TIMES.

BY

GEORGE L. SINCLAIR, M.D.

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PUBLISHERS' NOTICE.

THE following practical instructions for dry plate making were written by Dr. Geo. L. Sinclair, an amateur photographer, with no thought that they would ever be published in a form more pretentious than as contributed articles to the photographic journal in which they first appeared; but the articles attracted to themselves more attention than the modest author would have predicted, and were read not only by the numerous readers of *THE PHOTOGRAPHIC TIMES*, but by so many others, that our limited supply of the extra copies containing the articles being soon exhausted, we decided to republish them in pamphlet form.

The articles have been arranged in their present form by the editor of *THE PHOTOGRAPHIC TIMES* with the suggestions and approval of the author.

They were originally written by Dr. Sinclair, in leisure moments, after professional labors, as the fruit of experiments which he had also made in otherwise unemployed hours. It does not pretend to be a scientific treatise, or anything more than a simple narration of experience; but as the outcome of practical experiment, the information given can be relied upon as trustworthy.

We, therefore, present this little book to the photographic fraternity with these few preliminary remarks, confident that it will fill a want in photographic literature.

KK



DRY PLATE MAKING FOR AMATEURS.

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THE EMULSION.

THE formulas for emulsions are numerous. I shall quote only two.

The first is for a slow emulsion of excellent quality, and is practically the one recommended by Mr. Debenham in his article in the *Photographic News*. The second I obtained from Wilson's "Mosaics" for 1885. It is rapid, and gives negatives which leave little to be desired so far as printing qualities are concerned.

If I appear too rudimentary it is because some of my readers may be novices in the work of emulsion making.

I am fortunate in having a bath-room provided with a basin as well as a tub, and a plentiful supply of both cold and hot water. It opens into a room which is unused in the evening.

I do my emulsion making at night; but some of the operations connected with it—for example, the washing—are occasionally performed by day, so I have made the door of the bath-room light tight.

My non-actinic illumination is by means of a ruby lantern. The apparatus required is of a very simple and primitive kind