

**THE MINERAL WATERS OF
EUROPE: INCLUDING A
SHORT DESCRIPTION OF
ARTIFICIAL MINERAL WATERS**

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The Mineral Waters of Europe: Including a Short Description of Artificial Mineral Waters by C. R. C. Tichborne & Prosser James

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MINERAL WATERS.

BY

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P R E F A C E.

Most of the objects had in view in writing the present work have been incidentally mentioned in the Introductory Chapter. It may, however, be desirable to enumerate concisely the chief points which have actuated the authors in penning the "Mineral Waters of Europe."

The book is intended as a reliable work of reference in connection with the chief mineral waters, and also to give the character and locality of such other waters as are in use.

In many of the books published upon the subject the analyses given do not represent the present composition of the waters. They have been copied from work to work for years. Not only has every error been transmitted with the most religious fidelity, but,

in some cases, they are merely copies of interested puffs, carrying with them little or no weight.

We have endeavoured to avoid these rocks a-head. In all the chief waters we have either re-examined the bottled waters ourselves, or have made use of recent analyses performed by analysts whose names were a guarantee.

The new analyses are nearly one hundred in number, and represent work which has extended over a period of about three years.

We frequently meet with a class of books dealing with the individual experience of an author applied to a certain district. They are generally readable, and often contain valuable information, but they can hardly be looked upon as works of reference; the restricted area of their explorations, in nine cases out of ten, is a cause of weakness. Excellent as guide-books to the district, they in no way fulfil the objects the writers of the present work contemplate in bringing it out.

The Therapeutic Chapters, by Dr. Prosser James, have been penned after a practical knowledge obtained at the source of many of the most important waters. The analyses are from the waters supplied by export; and a chapter has been added upon Artificial Mineral Waters, as being a subject intimately connected with the Natural Springs.

PREFACE.

The writer of this Preface must acknowledge his indebtedness to the following works:—Watt's "Dictionary of Chemistry," Dr. Candellé's "Manuel Pratique de Médecine Thermale," Dr. Madden's "Spas and their Uses," Dr. Oliver's "Mineral Waters of Harrogate," and numerous pamphlets.

C. R. C. T.

DUBLIN, *May*, 1883.

My contribution to this little volume consists of the Chapters on the Therapeutical action and uses of the several Mineral Waters. These are Chapters 2, 4, 6, 8, 10, 12, 14, and 16.

In writing them I have supplemented information acquired at the Spas by my experience of the use of the imported waters in London practice. In discussing the properties of the waters I have had before me Professor Tichborne's new analyses.

P. J.

3 DEAN STREET, PARK LANE,
May, 1883.

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