

**HYGIENE OF THE VOICE:  
ITS PHYSIOLOGY AND  
ANATOMY**

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Hygiene of the Voice: Its Physiology and Anatomy by Ghislani Durant

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**GHISLANI DURANT**

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*J. de Meelinsteij*

HYGIENE

OF

THE VOICE

ITS PHYSIOLOGY AND ANATOMY.

BY

GHISLANI DURANT, M.D., PH.D.

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TO

GENERAL C. C. DODGE

THIS MONOGRAPH IS INSCRIBED

AS A

TOKEN OF REGARD BY

GHISLANI DURANT.

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THESE pages are not intended as a manual for singing; they make no claim whatever to any thing beyond what their title imports. In them I have sought to convey such a knowledge of the construction and mechanism of the vocal apparatus, as will enable the singer to know what he is making use of, so that he will only ask of each peculiar part that which it can perform, and not task it beyond its power.

For this reason, I have entered, more minutely than otherwise I could have done, into a great number of general considerations, both theoretical and practical, concerning the vocal organs.

To those who desire to pursue more fully the study of this subject, I would advise a careful perusal of the works of C. Beauquier, Brouc, Columbat, Ed. Fournié and Segond, whose experiments and conclusions, verified by my personal observations, form the basis of this monograph.

G. D.

NEW YORK, Dec., 1869, 31 West 32d Street.

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# HYGIENE OF THE VOICE.

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## CHAPTER I.

### SOUND.

PITCH . . . . INTENSITY . . . . TIMBRE.

THE natural phenomena which are incessantly developing themselves on our earth and in the vast space around us, offer to our view so magnificent a spectacle, that the curiosity of the most listless observer becomes powerfully aroused, and in spite of himself he is compelled, in a greater or less degree, to meditate upon the causes capable of producing such marvellous effects.

Ever since scientific men began to attempt the explanation of these natural phenomena, they have observed and collected a great number of facts, quite distinct from each other, which they have classified under such different heads as Light, Heat, Electricity, Sound, etc. We can easily distinguish these phenomena from each other, but when we attempt their explanation, to discover the causes which produce them, we are as much in the dark as we are in regard to the soul, or the vital principle.

The human mind, always prone to generalize and