

**ELEMENTARY TREATISE ON
NATURAL PHILOSOPHY;
TRANSLATED AND EDITED, WITH
EXTENSIVE ADDITIONS. IN FOUR
PARTS. PART II - HEAT, PP. 241-504**

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In Four Parts. Part II - Heat, pp. 241-504 by A. Privat Deschanel & J. D. Everett

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A. PRIVAT DESCHANEL & J. D. EVERETT

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ELEMENTARY TREATISE
ON
NATURAL PHILOSOPHY.

BY
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TRANSLATED AND EDITED, WITH EXTENSIVE ADDITIONS,
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IN FOUR PARTS.

PART II.—HEAT.

ILLUSTRATED BY ONE HUNDRED AND FIFTY-ONE ENGRAVINGS ON WOOD.

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1878.

In the present volume, the chapter on Thermo-dynamics is almost entirely the work of the Editor. Large portions of the chapters on Conduction and on Terrestrial Temperatures have also been rewritten; and considerable additions have been made in connection with Hygrometry, the Theory of Exchanges, the Specific Heats of Gases, and the Motion of Glaciers. Minor additions and modifications have been numerous, and will easily be detected by comparison with the similarly numbered sections in the original.

The nomenclature of units of heat which has been adopted, is borrowed from Prof. G. C. Foster's article "Heat" in Watts' *Dictionary of Chemistry*.

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