

**THE SPORTSMAN'S HAND
BOOK: CONTAINING
RULES, TABLES OF
WEIGHTS AND MEASURES**

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The Sportsman's Hand Book: Containing Rules, Tables of Weights and Measures by Horace Park

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HORACE PARK

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THE
SPORTSMAN'S
HAND BOOK

CONTAINING

RULES, TABLES OF WEIGHTS AND MEASURES,

CONCISE INSTRUCTIONS ON

*Selecting, Caring for and Handling Guns and Fishing Tackle;
Dog Breaking; Shooting on the Wing; Hunting Large
Game; Camping Out and Camp Cooking; Miscella-
neous Recipes; How to Skin and Prepare Bird
and Animal Skins for Specimens; and Many
Other Hints and Instructions Use-
ful to Beginners.*

BY

COL. HORACE PARK.

CINCINNATI:
ROBERT CLARKE & CO.,
1880.

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1886.

PREFACE.

Better to hunt in fields for health unbought,
Than fee the doctor for a nauseous draught,
The wise for cure on exercise depend ;
God never made his work for man to mend.

—*Dryden.*

This, on the face of it, is a book of reference and suggestions for the beginner. It is written for the young sportsman, not the old and experienced. Its object is not to advance new theories by excursions to debatable grounds, but to present the results of actual experiments, as well as facts established by more than thirty years' experience, together with admitted truths, all in a plain form. Details may appear somewhat dull, but clearness can not be accomplished by any other method.

The typographical arrangement of the book may appear somewhat fragmentary and broken. I have drawn from scientific reports, and have quoted the results of the experiments of reliable men and authors, for which due credit has been given.

The tables of weights and measures, etc., will certainly be appreciated for reference. I believe the careful reader will find the subject throughout, brought up to the latest clearly ascertained results, while in some directions a positive advance has been made.

HORACE PARK.

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UNITED STATES MEASURES AND WEIGHTS, ACCORDING TO AN ACT OF
CONGRESS, 1886.

MEASURES OF LENGTH.

Dimensions,	Values.	Equivalents in Use.
Myriameter.....	10000 meters.	6.2137 miles.
Kilometer.....	1000 meters.	.62137 milc.
Hectometer.....	100 meters.	328 feet and 1 inch.
Dekameter.....	10 meters.	398.7 inches.
Meter.....	1 meter.	39.37 inches.
Decimeter.....	$\frac{1}{10}$ of a meter.	3.937 inches.
Centimeter.....	$\frac{1}{100}$ of a meter.	.3937 inch.
Millimeter.....	$\frac{1}{1000}$ of a meter.	.0394 inch.

MEASURES OF SURFACE.

Denominations and Values.		Equivalents in Use.
Hectare	10000 square meters.	2.471 acres.
Are	100 square meters.	119.6 square yards.
Centare	1 square meter.	1550 square inches.

MEASURES OF VOLUME.

Denominations and Values.			Equivalents in Use.	
Names.	No. of Liters.	Cubic Measure.	Dry Measure.	Liquid or Wine Measure.
Kiloliter or Stere.	1000	1 cubic meter.	1.308 cubic yds.	264.17 gallons.
Hectoliter	100	$\frac{1}{10}$ cubic meter.	2 bu. & 3.35 pecks	26.417 gallons.
Dekaliter	10	$\frac{1}{100}$ cubic decimeters.	9.08 quarts.	2.6417 gallons.
Liter	1	$\frac{1}{1000}$ cubic decimeter.	.908 quart	1.0567 quarts.
Deciliter	$\frac{1}{10}$	$\frac{1}{100}$ cubic decimeter.	6.1022 cubic inches.	.845 gill.
Centiliter	$\frac{1}{100}$	$\frac{1}{1000}$ cubic centimeters.	.6022 cubic inch.	.338 fluid oz.

WEIGHTS.

Denominations and Values.		Equivalents in Use.
Names.	No. of Grams.	Weight of Volume of Water at its Maximum Density.
Millier or Tonneau.....	1000000	1 cubic meter. 2204.6 pounds.
Quintal.....	100000	1 Hectroliter. 220.46 pounds.
Myriagram.....	10000	10 Liters. 22.046 pounds.
Kilogram or Kilo.....	1000	1 Liter. 2.2046 pounds.
Hectogram	100	1 Deciliter. 3.5274 ounces.
Dekagram.....	10	10 cubic centimeters. .3527 ounce.
Gram.....	1	1 cubic centimeter. 15.432 grains.
Decigram.....	$\frac{1}{10}$	$\frac{1}{10}$ of a cubic centimeter. 1.5432 grains.
Centigram.....	$\frac{1}{100}$	10 cubic millimeters. .1543 grain.
Milligram.....	$\frac{1}{1000}$	1 cubic millimeter. .0154 grain.