Pictorial Webster's
Pocket Dictionary
By John M. Carrera
Noah Webster
1758 - 1843
PICTORIAL WEBSTER’S

Pocket Dictionary

G. & C. MERRIAM DICTIONARY ENGRAVINGS OF THE NINETEENTH CENTURY PRINTED ALPHABETICALLY AS A SOURCE FOR CREATIVITY IN THE HUMAN BRAIN

JOHN M. CARRERA
AUTHOR, COMPOSER, PRINTER

CHRONICLE BOOKS
SAN FRANCISCO
INTRODUCTION

In the summer of 1995, while poking around my grandmother’s stone farmhouse, I found a tattered 1898 Webster’s International Dictionary under my grandfather’s favorite reading chair. The disintegrating sheepskin covers were detached and a number of browned and brittle sections were falling out from the back of the book. The loose pages revealed an eighty-page section devoted entirely to the illustrations of the dictionary: a stunning array of odd and wonderful animals and machines printed by categories. The fantastic variety of subjects was matched only by the detail and variety of engraving techniques.

Shortly before discovering that fateful Webster’s, I had completed a collaborative artist’s book for an exhibit at the Dibner Library at the Smithsonian Institution that grappled with questions of the origin of ideas. I realized a book filled with disparate images, such as those from the Webster’s, could be an artistic experiment to test my hypothesis on the origin of creativity: that new ideas arise from the recombinations of old ideas. It would also be an important and beautiful visual reference. That fall I embarked on a ten-year odyssey that culminated in a book
called *Pictorial Webster’s*; printed by hand on a letterpress from the original engravings and bound by hand and sold to institutions and collectors for $3,500. I then worked with Chronicle Books to make *Pictorial Webster’s: A Visual Dictionary of Curiosities* which was a perfected version of the same book with additional essays written about the engravers and the history of dictionary illustration in America. This was printed and bound as a pleasing volume with a cover price of $35.00. But the editors at Chronicle Books felt that the public might still want something more affordable and accessible. When I was approached about making a “pocket sized,” version of *Pictorial Webster’s* I bristled. “The book is what it is. I’ve spent over a decade of my life on this project already,” I thought.

Then I saw the dummy of the book the great designers at Chronicle had in mind and it was like the experience I had when I first saw the engravings in their dusty cases in the dark, cool basement of the Sterling Library at Yale University. I was immediately smitten with the size and heft of the little book. I carried it around with me in my back pocket and pulled it out whenever I could to admire it. I started laying images within the pages and realized the smaller-sized book would challenge me to create an even more powerful distillation of the book. And I started thinking: “Who says I got it right the first time, anyway? And wouldn’t it be fun to try another way of
organizing the images?” I remembered the very first dummy I made for the book was closer to this same size. “Yes, small is beautiful. Good design is elemental.”

Although fewer in number than in *Pictorial Webster’s*, the engravings in this work are reproduced from the nineteenth-century engravings used in Webster’s Dictionaries printed by the G. & C. Merriam Co. (George and Charles Merriam bought the rights to the official “Webster’s” in 1847, four years after Noah Webster died.) These engravings were borrowed from the 10,000 plus engravings and their exact metal duplicates called electrotypes held by the Arts of the Book Collection at Yale University. Wood engravings are created through a reduction process on the end-grain of boxwood using sharp little tools called burins. Boxwood is soft, but has incredibly dense grain, which allows for great detail. To print the engravings, ink is rolled onto the carved block then that block is pressed into the paper. The images in the book span two distinctive eras in American wood engraving. Black Line engravings, also called American Style, are made by making or transferring a line drawing directly onto the face of the boxwood. Then, using variously shaped burins, the engraver carves away all the wood except for the lines of the drawing. Well-known engraver, John Andrew, was hired to make the engravings for the 1859 and 1864 *Webster’s*. What is forgotten today
is that each line in Black Line engravings was imbued with meaning. As Hiram Merrill, an apprentice in John Andrew’s shop, explained:

> [W]ood engraving was held within limits established by tradition: a certain kind of line for skies, another for flesh, hair, foliage, drapery, water, rocks, foreground, background, etc., all with meaning and beauty in themselves. Once a line was cut it must not be modified in any way, and such a thing as cutting across the lines was regarded with horror.

By the time the *International Dictionary* was printed in 1890, the New School of engraving was ubiquitous in America. Notable for its use of photographic methods to transfer images, the New School engravings have a more scientific and clinical feel to them. The old horror of cutting across the line is gone, as the emphasis of the New School was not line but tone.

After *Webster’s New International Dictionary* was published in 1909, the engraving process was abandoned. Images that were new to the 1934 *Webster’s New International Dictionary*, Second Edition and the 1961 *Webster’s Third New International Dictionary* were printed from mounted copper plates made from line drawings. These later cuts make an interesting contrast to the wood
engravings, not only for their content but also for their style and execution. The key following this introduction explains the letters that accompany each image indicating in which dictionary each engraving originally appeared.

The Pocket *Pictorial Webster’s* can be enjoyed as a Portable Wonder Cabinet of Nineteenth-Century America. It is filled with both the factual and the fantastic. Like a surrealist’s collection of fabulous objects, collected to prompt the unconscious flow of ideas, this book may be used to unlock your own innermost thoughts or help spark your imagination. Humans instinctively look for connections between proximal objects. When you study a page, your brain immediately starts finding commonalities to find some way to link the various objects. The thread that connects them is often something new that you have never before considered. The farther removed two things are, the wilder the thread that connects them, but often the more powerful the idea. Because, truly, everything in the universe is connected somehow: it’s just a question of figuring out the connection.

When the reader opens a page of this book to an image for which he or she has a particular association, that engraving may start as the focus of the page. Then, by associating unknown images into the context of the known one, that page will begin to develop a story. The titles are supplied to give names and subtext to the
images. The numbers create a numerical tag, a tether to a deeper order of the universe. The more time you spend immersed in the pages, the more meaningful the book will become.

While making this book, I was awed, thinking of the great change that occurred during the Nineteenth and Twentieth centuries when humans evolved from creatures moving within the natural element of the world, to seeming conquerors. Holding images of endangered species and now outdated technology that took hour upon hour to engrave on my almost obsolete computer, I wonder if our march of materialism is leading us to greater happiness or harm. Perhaps our time is similar to the turn of the Twentieth century, which produced the fauvists and cubists, and I return to a dream that the world might be saved by creativity. Perhaps spending time in these pages of the time when it all seemed to change will help you come to your own solution. However you choose to read it, I hope you find much pleasure and inspiration exploring and studying the images, the pages, and the universe they create.

J. M. C.

URBANA, MARYLAND, 2011
KEY TO THE NUMBERS AND LETTERS ACCOMPANYING THE ENGRAVINGS

The notation following the “index number” below each image tells more about each engraving (for more about the “index numbers” see page 206):

- **W** – denotes images printed directly from wood engraving blocks.
- **M** – denotes images printed from metal electrotypes.
- **D** – denotes images digitally captured and added for this trade edition.

The following letters and numbers are used to indicate the first edition of the dictionary in which the image appears:

- **I** – denotes engravings the *Imperial Dictionary* of 1851.
- **9** – denotes the 1859 *American Dictionary of the English Language*.
- **4** – denotes the 1864 edition.
- **N** – denotes the 1890 *International Dictionary*.
- **L** – denotes an edition printed after 1900.

(Note that because this book was designed digitally, the author took liberty to flip or resize some of the images.)
Abracadabrum

Addax 312R-MN

Adze 203R-W4

Aeolipyle 302R-MN

Affrontee 319R-W1

Agouty 305R-W4
American Mastodon
207R-MN

Anubis 301R-W4

Anchor 413R-W4  Andiron 313-W4
AZUL

A

Axolotl 202R-MN

Azimuth Compass 304R-W4

Aye-aye 206R-MN
B

Banana
11 R-W4

Banjo
100R-ML
Barley
101R-W4

Basque
1001R-W4

Bee Fly
1100R-MN

Baron's Coronet
1000R-W4

Barn Owl
111R-WN

Battery of Leyden Jars
1011R-W4
Barque 1010-D4

Biplane 11001-M

Bicycle 10010R-WN
Booted Tarsus (t to t')
11000-MN

Book Press
10111R-W4

Bolt 10110R-MN

Burin 11101-W4
BUST

B

Busby
11111R-W4

Bust 00000R-W1
Chain Fall
R120-M

Cirrose Leaf
20-W4

Cicada
A Pupa; B Ventral side
3034-WN

Cereus (C. gicanteus)
& Indians 20R-MN

Ceres
Q1D7-W4
C

Circumferentor
1Q8-W4

Cipher Disk
N71-D

Coaita
(Ateles paniscus)
418N-MN

Chemical Bottles
Q1DN

Chinchilla 3C-W4
Cleverley

Clack Valve 1928N-W4

Clio 103-W4

Close 128-WI

Clepsydra 20-W4

Clarinet 4283-MN

Cleat 341D9-MN
COLLECT

Colloipe 4132-MN

Colossus of Rhodes Q71-WI

Collie D20R-MN

— 36 —
Concertina
71D1-MN

Composing Stick
720N8-ML

Colugo
1D1-WN

Composite Order
C3D-W4

Cone Shell 936:-M
(Conus marmoreus)
Cockatoo 3RD1-W4

Crane Q79-W4

Counterbalance 155-W4

Cod N261-MN
Coupe 4181-W4

Coupling 4155-MN

Croton Bug
(Ectobia Germanica)
72NN-WN

Cog Wheel N43-W4

Copying Press 1D8-W4

Coypu (Myopotamus coypus) R35C
Crawfish 336D-W4

Crocodile (*Crocodilus vulgaris*) 818-M

Cuckoo, Yellow-Billed (*Coccyzus Americanus*) 428N-MN

Curling Stone 1031-ML

Cutlass 52N-W4
C

Cuttlefish
N51-W4

Cymbals
915-W4

Cutter 534-MN

Cutting Nippers
Q255-WN
DARE

Dalmation
66 R-MN

Danaide
88 R-WI

Deerhound 110 R-MN
Dandie Dinmont 132 R-WN

Dace (Black-nosed) 154-WN
(Rhinichthys atronasus)

Daman (Hyrax syriacus) 176 R-MN
Deadly Nightshade
(*Atropa Belladonna*)
198 R-MN

Danish Dog  242R-MN
Debruised 264 R-W4

Dehiscent Silicula 286 R-W1

Decompound 308 R-W4

Deer 330-MN
DELIGHT

D

Dentate
352-W4

Dial of Timepiece
374-MN

Displayed
396 R-WI

Dhole
418R-MN

— 48 —
Diandrous 440R-W4

Differential 462R-W9

Dice 484R-W

Diadelphous Stamens 506R-W4

Didelphis (D. murina) 528R-MN
Disk  594 R-W4
d disk; r, r rays

Dingo  (Canus dingo)
616 R-MN

Diodon
638 R-W4

Diver  660 R-W4
DOVETAIL

Dormant
682 R-WI

Dog 704-MN

Doris 726 R-MN
Ecclectic

Eclipse 182R-W4

Eccentric 84R-MN

Eared Owl (Asio otus) 590-WN

Echinate 45R-W4

Echidna (E. hystricx) 235R-MN
Edentate 360R-MN
(*Cyclothorus didactylus*)

Echinoidea 471-WN
(*Phyllacanthus dubia*)

Eelpout (*Zoarces viviparus*) 352R-MN
Elate

Egret 662-WN
(*Ardea garzetta*)

Elater (*E. oculatus*) 497R-MN

Eland (*Taurotragus*) 75R-MN
Emu Wren 72R-MN
(*Stipiturus malachurus*)

Emu 470R-MN
(*Dromaius Novae-Hollandiae*)

Embiotocoid 69R-MN
EMANCIPATE

Elephant 14225-DI

Epaulet 1089R-W4

Eider (Somateria sp.) 1331R-MN
Engine Lathe 669R-WN

Ellipsoidal Plane Sections 676R-W

Encystment 277-MN

Erd Shrew (*Sorex vulgaris*) 2407R-MN

Ermine 6630R-MN (*Mustela erminea*)
Fangs  2-WN

Fan Training  3-W4
Fandango 5R-W4

Feather 8-WN

Fern (Lady Fern) 13R-M4
Fez 21-WN

Flag of the United States of America 34-W

Firetruck 55R-ML
Family

Flying Fish 89-MN

Frogfish 144R-MN
(Pterophrynoides bistrio)

Flat Fish 233-WN
Flying Gurnard 377-WN
(Cephalacanthus volitans)

Flunkfish 610-M

Frostfish 987-WN
(Microgadus tomcod)
FIGURE

Flabellinerved 4181 R-MN

French Horn 10946-W

Flamingo 6765-MN

Frigate (1800-1840) 17711 R-M4
Flower-de-luce
(*Iris*) 28657R-W4

Fruit Bat 46368-M
(*Cynonycteris collaris*)

Flicker
(*Colaptes auratus*) 75025-MN
Gaiter 455R-W4

Gabion 575R-W

Gadfly (Hypoderma bovis)
350-MN
GAME

Gargoyle 240-W

Gallows 455-W

Gapeworm 180 R-MN

Gazelle 450R-MN  
(Gazella dorcas)

Garter Stitch  
570 R-M
Gemsbok 495R-MN
(*Oryx capensis*)

Geometrid (Larva)
(*Zerene catenaria*)
505 R-MN

Gentian 155-WN
(*Gentiana verna*)

Geophila 510 R-MN
(*Pallifera dorsalis*)

Giraffe 440-WN
(*Camelopardalis giraffa*)
Gnu \((\text{Catoblephas gnu})\) 530-MN

Glockenspiel 170-ML

Gila Monster \((\text{Heloderma suspectum})\) \(\frac{1}{8}\) 440R-MN
Gibbon (Wou-wou) (*Hylobates agilis*)
376R-MN

Gocart 502R-W4

Glyptodon 374R-W9
(*Glyptodon clavipes*)

Gondola 327-WN
GERUND

Grass Finch 187-MN (Poocetes gramineus)  
Grain Moth (Tinea granella) 500R-MN

Grampus 106 R-MN

Grallatory 416R-W9  
b b Head and Foot of Crane  
c c Head and Foot of Stork
Grecian Sphinx  
462-W4

Griffin  
430R-W4

Greyhound  
373R-W4

Grasshopper  
201R-MN  
(*Caloptenus spretus*)
Guillotine
393 R-W

Gynandrous
572 R-W4

Gonozooid
396 WN

Guitar
178 R-W

Grapnel
401 R-W

Gyroscope
543 R-ML
Hadley's Quadrant
7R-W4

Hammock 13R-WN
Hammerhead Shark 19-WN
(Sphyra tudes)

Harmonica 23 R-M

Hammerlock 79-ML

Hamster 103 R-WN
(Cricetus frumentarius)

Half notes
31 R-M

Halberd
97 R-W
Haunches of Arch
109R-W4

Hauberker
139 R-W4

Hurdy-Gurdy 167-DI

Hawkmoth 193R-MN
(Macrosila carolina)
HAPPY

Harp
239 R-W4

Harp Shell
263R-MN
(Harpa articulareis)

Heartshaped
293 R-W

HARRIER 313R-MN
Heliozoa
367 R-MN
(Actinophrys sol)

Heather
331 R-WN

Hermes
379 R-W4

Hedgehog 383-M
(Erinaceus europaeus)

Hesperornis 397 R-MN
Hint

Heteropoda 409-WN

Horizontal Training 487 R-W4

Heron 563 R-W4
*(Ardea cinerea)*

Honey Bee
617 R2-M
Holothurioidea 653-WN

Horn of the Hunter 673-W4

Hop 683R-W4
(Humulus lupulus)

Horned Owl 709R-MN
(Bubo virginianus)
Ichneumon Fly 66-MN

Ibis 90-MN
(Ibis aethiopica)

Ichneumon 80-MN

Ice Skate 15-W
IDEAL

Increcent
395R-W1

Impalement
270-MN

Imbricate
95-W4

c Idle Wheel 495-W9

Inflamed
40-W1

Inarching
70-W4

Indusium
295-MN

--- 86 ---
Inescutcheon 89-W9
Imparipinnate 695-W4
Interfretted 93-W4

Iceland Moss (Cetraria islandica) 25-WN

Incised Leaf 84-M4
Impact Drill 65-M

Ibex 29-MN (Capra ibex)

Issuant 35-W4
Impeyan Pheasant
10-MN
(*Lophophorus impeyanus*)

Indian Pipe
*Monotropa uniflora*
210-MN

Io Moth
*Hyperchiria io*
110-WN

Isopoda
805-WN
Irish Elk (*Cervus giganteus*)  365-MN

Irons  605-M
Jaal Goat 77 R-W4
(Capra jaela)

Jacamar 5 R-MN
(Galbula sp.)

Jabiru 9R-MN
(Saddle-Billed Stork)
Jack Plane 2 R-W

Jack 8 R-M

American Jack 24-W

Jack Boot 14 R-W4

Jack Coat 18 R-MN
JEFFERSON

Jaw Harp 15R-MN

Joiner's Gauge 00 R-W

J

Jacksnipe 25R-MN
(Limnocracies gallinula)

Jambes 24-M4

Blue Jay 35R-M
Jaguar 23 R-MN
(Felis onca)

Jonquil
4 R-MN
(Narcissus jonquilla)

Jasmine 6 R-MN
(Jasminum officinale)
Journey

Jako 1-M

Junco (J. hyemalis) 27 R-MN
JUNK

Jump Seat (One-seat form) 6 R-W4

Jump Seat (Two-seater) 14 R-W4

Journal Box 9 R-W4

Junk 8 R-W
KANSAS

Kamichi e3,c5-MN
(Anhima cornuta)

Kentucky Blue Grass c4,Nc6

Kelp
Nc3,Nf6-M

Kaka dxc5, Bxc5-M
(Nestor meridionalis)

— 100 —
Kangaroo a3,a6-MN
(Macropus major)

Keel
b4,Bd6-W4

Keystone
Bd3,dxc4-W4

Kettledrum
Bxc4,b5-WN

Kidney-Shaped
Bd3,Rd8-W1

Ketch Qe2,Bb7-W4
Kingfisher 0-0, Ne5-M

Karyokinesis f4, Bc7-MN

Granny Knot Nxe5 Bxe5

Knight in Shining Armor e4, Rac8-W4

Killer Whale (Orca gladiator) e5, Bb6+-W
Knuckle Joint
Khl-MN

King Tody
Ng4-MN

Knapsack
g₃,Rxc₃

Square Knot

King Penguin
Be₄,Qh₄-M

Karyokinesis gxh₄,Rd₂

Kleeneboc
Qxd₂,Bxe₄⁺
Koala Qg2-WN
*(Phascolarctos cinereus)*

Kohl-rabi
Rh3-MN
Lady Slipper
3103R-MN
(Cypripedium spectabile)

Labyrinthici
(Of the tree climbing Perch)
3004R-MN
Lantern Pinion and Spur Wheel
007 R-W4

Leaf 3624-W
Compound

Larva 5044-MN

\( \frac{2}{3} \)

Larva 5046-R-MN

Lantern 731R-M4

Lappet Moth 964-MN
(Tolype velleda)

Lantern 952R-W4

Lantern 951R-W4
Laughing Jackass
(Dacelo gigas) 4833x-MN

Leaf Insect 2139-MN
(Phyllium siccifolium)

Leap Frog
3239R-W4

Layers 0179R-W4
\[ \frac{2}{3} \text{ Locust 3227-WN (\textit{Edipoda migratoria})} \]

\[ \text{Loom 4116-R-W4} \]

\[ \text{Load VGR100-MN} \]

\[ \text{Lute 277R-W4} \]

\[ \frac{1}{10} \text{ Lobster 3229R-M (\textit{Homarus americanus})} \]
Magnet 183-ML

Maioid Crab 385R-W4
(Parthenope borrida)

Maize 425R-MN
(Zea mays)
Macaw 504R-MN
(*Ara ararauna*)

Maki 550-W4
(*Lemur catta*)

Mantis 551-W4
(*Mantis religiosa*)

Malacopoda (*Peripatus capensis*) 43-M
Mandrill 384R-MN
(*Cynocephalus mormon*)

Mangel-Wurzel
48 R-W

Manifold 51-WN

Marmoset 87R-MN
(*Midas chrysomelas*)

Mangle 455-M

Mackerel 492-MN
Marsh Wren
527R-MN

Meadow Lark
203R-MN
(Sturnella magna)

Mortar & Pestle
204R-MN

Mosquito
588R-MN

Metronome
525R-M

Mermaid
239R-MN
Mammoth 401-W

Manatee 574-WN
(Trichechus americanus)

Malma (Salvelinus malma) 608R-W
MATTHEW

Microscope 320-MN

Melon Thistle Cactus 250R-W

M

Monkey (Cebidae) 361R-W4

Monkey (c) (Lemuroidea) 153-W4

Monkey (do) (Simiidae) 154R-W4

Motorcycle 399-M
The Monitor 62 R-W4

Molars 616R-W4

Moloch 534-MN

Moccasin Flower (Cypripedium acaule) 563R-MN

Moose (Alces machlis) 251R-M
Mozart

Mural Crown 279R-W4

Mouflon 215R-M4

Mushrooms 443R

Movie Projector K522-M
NATIVE

Narwhal (*Monodon monoceros*)
6405R-MN

Napu
6475R

Nepenthes
6523RN

Nimble Will
6333R-M

Night Heron
6254R-MN

Newel
6705R-MN
Nebulae

Nightingale
6218 R

Nest 6205 R-W4

Nuthatch
6402 R-WN

Nodulous
7078 R-W4

Nototrema
6611 R-MN
(N. marsupiatum)
Nudibranchia
6514-WN

Nebalia
(N. Geoffroyi)
6613-R-MN
(Balaninus nasicus)

Nut Weevil
6531-MN

Noctiluca
6656-R-MN
Orchard Oriole & Nest
(*Icterus spurius*)
3379-WN

Orchis
3531-R-W4

Opera Glass
3569R-MN

Orgyia
3771-WN

Opossum 3795R-MN
(*Didelphis virginiana*)

Order Arms
4997R-MN
Orbiculate 5141R-W4

Ovate-acuminate 5559-MN

Ovoid 5837R-M4

Ovary (Plant) 6103-WN

Oriel 6441R-W4

Ovary (Plant) 6557-WN

Orrery 6561R-W4
ORDER

Osmeterium 6591R-MN

Ouakari 6711-WN

Ousel 6597R-W4
(Cinclus aquaticus)

Oscules of Sponge
7249R-MN

Otter Hound
7037R-MN

Ostrich 7011R-MN
(Struthio camelus)
Owlet 7353-WN
(Megascops flammeolus)

Owl 7479-MN
(Great Gray)
(Ulula cinerea)

Oyster 7917-MN

a Muscle; b Gills; c'c Mantle;
d Palpi; e Mouth; h Anus;
i Intestine; l Liver
Pagoda 4.00R-W4

Padlock 1.008R-W4

Palanquin 6.94R-M4
Panpipes 24.31R-W

Parable
Parallelogram 28.09R-W4

Parting Pulley 26.98-WN

Parachute 32.07R-W4

Palm 16.00R-M (Planetary)

Panda 30.97R-MN (Ailurus fulgens)

Palm 19.00R-MN (Geonoma gracilis)
Pipe 79.90-M

Portrait of the Artist 1076R-W4

Paris 78.96-ML

Pinnacle 83.80R-W4

Pipa (P. americana) 85.47R-MN
PORTEND

Polybranchia 102.9R-MN

Pleurotoma (*P. babylonica*)
95.94R-WN

Pliers
(98)R-W4

Plane 88.91R-M

Planer 91.22R-MN
a Bed; b Upright; c Table; d Crosshead
Plantain Tree 92.91R-W4
(Musa paradisiaca)

Pivot 87.62-MN

Plow 101.0R-M
A Share; B Moldboard; C Landside;
D Jointer; E Gauge wheel; F Beam;
G Clevis; H Handles
Puffin 106.4R-W4
(Fratercula arctica)

Pug Mill 107.8R-W4

e, d, f Pulleys 112.4-MN

Pulleys 114.8R-W4
(Single fixed, Fall & Tackle)
Quail 13 R-MN  
(Callipepla californica)  
a Adult; b Young

Quagga (Equus quagga)  
20 R-MN
Quintet

Quenouille Training 43R-W

Queen Pigeon 42R-MN

Quesal (Pharomachus mocinno) 41R-MN

Quick Grass (Agropyrum repens) 44R-MN
QUIXOTIC

Quercus 100-W

Quinquefoliate 102 R-M4

Quince (Cydonia vulgaris) 101 R-M4

Quohog 103 R-MN (Venus mercenaria)

— 150 —
Radial Airplane Engine 1839-M

Rat Race 1836-M

Ratchet Wheel 1835-M

Railway Truck 1833R-W4
Razors 1827R-ML
1 Ordinary (Straight);
2 Safety

Receivers 1812R-W4

Rapid-fire Gun 1733R-ME

Reaper 1704R-ME
Red-topped Buffalo Grass 1676R-MN

Rattlesnake Grass 1674R-MN

Readymade 1702RR-W

Ratchet Jack 1695-ME

Receptacle (of Dandelion) 1652R-MN
Rhizostomata 1596-MN

Ravens (Corvus corax) 1595-MN
REDUCE

Reindeer 1591R-W4
(Cervus tarandus)

Reverse Arms 1583R-MN
Refraction 1584R-W4

Rhinopome 1578-WN

Reflecting Telescope 1561R-MN
Recycle

Right Whale (*Balaena mysticetus*)
1529-M

Rubythroated Hummingbird
1525-MN

Roller Skate
1512-M

Rooster 1518R-M

Root 1509-W
Scepter 1837R-W4

Screw 1841-WN
a Male
b Female

Sequoia 1845-WN

Scalpel 1841-WN

Scorpioid 1849R-WN
Skeleton of Stegosaurus 1921 R-M

Slinging Barrels 1923 R-ML

Skeleton of Iguanodon 1929 R-MN
Skeleton of Ichthyosaurus 1933R-W4

Skeleton of Dinoceras 1945R-MN

Spiralozoooids 1953-WN

Spinning Wheel 1961-WN
Shambles

Strombus (S. gigas) 1981-MN

Stretcher 1989-WN

Still 1993R-WN

a Boiler; b Head; c Tube; s Worm; d Receiver
Table Saw 428-WN

Tam-tam 378R-W4

Tambourine 292-W
Tasses 192-MN

Tartan 158-WN

Teasel 218-W4
(Dipsacus fullonum)

Tellina 394-M
Teeth of Man 274-W
aa Incisors; b Canines; cc Bicuspids;
ddd Molars; e Crown; f Neck; g Root

Tendrac 496 R-MN
(Ericulus spinosus)

Terrier (English) 160-MN
TERM

Terminus
180R-W4

Terebra
557-WN

Toggle Joint
268R-M4

Toga 756-WN
(Caius Marius)

T

Thrust and Parry 220R-M
"Elzavir!"
Thoth
396R-W4

Terminus
440R-W4

Toga 434R-W4

Tower 476R-W4
Is it real?

Toad 553-MN
(Bufo lentiginosus)

— 175 —
Trumpet 751-WN

Transit Instrument 750-WN

Trowel 758R-M4
Tulip Poplar
\textit{(Liriodendron tulipifera)}
550-WN

Turnstile
504-W

Type
584R-W4
a Body;
b Face;
c Shoulder;
d Nick;
e Groove

Tuba
550R-M
Umbonate .01 R-W4  Umbrella Shell .05 R-M  Umbrella Ant .10-MN

Umbra (Umbrina cirrhosa) .25-MN
Ultra

Una Boat .50-WN

Unau 1R-MN
(*Cholopus didactylus*)

Unfix Bayonet
2R-MN

Unio (*U. radiatus*) 5-W

— 180 —
UNDAUNTED

Urodelia \textit{(Desmognathus fuscus)}
500-WN

Universal Joints 1000R-W4

Ursula 10000-MN
\textit{(Limenitis astyanax)}
Vaginicola (V. cristalina)
5:6-WN

Valvular 5:9R-W4

Vaulted 5:22R-W4

Vampire 5:39-MN
(Vamyrus spectrum)
(False Vampire)
Varuna 5:44R-W4

Vasum (V. cornigerum) 6:6-WN
a Side view with Animal; b Front of Shell

Velocipede 6:9-M
Velum 6:10 R-MN
(of *Dysmorphosa fulgurans*)
* n Young Zoodids budding

Venus Flytrap
(*Dionaea muscipula*)
6:11 R-W4

Vermetus
6:12 W

Vernier 6:13 R-M4

— 185 —
Victorine 6:14 R-W4

Grivet (Not Vervet) 6:15 R-WN

Vesicles 6:19 R-MN (Fucus nodosus)

Veranda 6:21 R-W4

Vespertiliones 6:25-MN (American Red Bat)
Viceroy Butterfly 6:27 R-MN
 (*Basilarchia archippus*)

Victoria 6:34 R-M4

Vicuña 7:1 R-MN

Violin 7:7 R-M4

Victoria Regia (*V. regia*) 7:12 R-WN
VULNERABLE

Volute 13:47R-MN

Vise 13:13-W4

Visite 16:26R-W4

Vishnu 18:3R-W4

Volva volva 18:4-W

Voluto Spring 18:18R-WN

Voltaic Pile 18:20-MN
WATER

Warbler
90.9R-WN

Watch-tower
91.5-D4

Water Chestnut
91.9 R-MN

Waffle Iron
92.5-M

Wart Hog
92.9-MN

Wheat
a Bald
b Bearded
93.7-MN
Water Spaniel 94.5R-WN

Wedge Shell 95.3-WN

Wax Palm 95.9R-W4

Wapiti 96.9R-MN

Whale 97.7-WN
Wheel 98.5R-W4

Wheel Bug 99.5-WN

Wicker Basket 100.1-M

Wigwam 100.7-WN

Whale (Balaena cisarctica) 101.7-MN
White Bear 102.5R-W
(Ursus maritimus)

Whistle 103.3R-MN

Windmill 104.1-W4

Windlass 105.7-WN
WONDER

Worm Gearing
106.7R-MN

Wren 107.9-WN
(Troglodytes aëdon)

Wreality
850R-M

Wrasse (Labrus trimaculatus) 88.5-MN
Xebec  17-WN
Xiphioi (Mesoplodon sowerbiensis)
289-WN

Xiphura 4913R-MN

Xylophone 83521R-MN

X
Yapock 2780-WN

Yacare (Jacare sclerops) 228R-MN

Yellowthroat 4126R-MN (Geothlypis trichas)
Yet 4241R-MN
(Yetus cymbium)

Yawl 6128R-ML
Yew 4044-RW4
(*Taxus baccata*)

Yuen 4246R-MN
(*Hylobates pileatus*)
Zebra (Asinus zebra) 61801-MN
Zoëa
11786-WN
a Antennæ; b Jaws; c Maxillipeds

Zamia
60637-WN

Zebra Wolf 22046-M

Zeuglodon 44074-MN
Zeppelin 21704-M

Ziggurat 02139-ML

Zither 02154-MN
Pictorial Webster’s published for the first time the numbers stamped on the side of each of the wonderful dictionary engravings. These numbers were used to index and organize the engravings in a system of wooden cabinets at the G & C Merriam Co. The Pocket Pictorial Webster’s assigns new numbers to the engravings to provide a new way to form associations with the images.

Numbers have meaning in every person’s life. Phone numbers, license plate numbers, even my first credit card number have held dear places in my heart. My first Oberlin College Mail Room box number was 397 and I can still smell the sycamore leaves that fell on the ramp to the mail room when I see that number in print.
The images in each letter chapter of the *Pocket Pictorial* are organized by sequence, are part of a single long number, or are a collection of numbers belonging together for a reason that one might recognize. I have provided hints in the headings to help the reader guess what the numbers may reference. In a couple of instances I have used a combination of letters and numbers that are part of a code or convention that may be discovered. One of these codes provides additional hints.

See if you can unlock the 26 number sets. To find out more about the numbers in the book (and possibly win a prize), visit www.quercuspress.com.
Thanks be to my wife, Carol, who made this book possible. This book is for her and for my children, Ember, Orion, and Arno. May the hours sacrificed now afford more time for us together. I love you.

Thanks to the great folks at Chronicle. Those I have met are Bridget Watson Payne, Eloise Leigh (my partner in crime), and Michael Carrabetta. I appreciate your hard work and the artistic freedom I received with the content of this book. Special thanks to Bill Hanscom for creating the *Pictorial Webster’s* Garamond that made renumbering this book possible. Thanks to all of those who have given me encouragement these past couple of years of my life fraught with upheaval. My parents and sister, my friends, and strangers such as “Hank Dee” and the man I met at the Codex Symposium who told me he picks up *Pictorial Webster’s* every day to find a little inspiration. Special thanks also to my “John” friends: Jon Ustun, Jon Calame, John Chamberlain, John Mason, and John Fisher for being there.

I am indebted to John Andrew and William Fowler Hopson and the editors of the G. & C. Merriam Company who were responsible for the creation of the images in this book. This has really been a century-long collaboration. Thanks also to my younger self who started *Pictorial Webster’s* with none of the concerns that might have mired my more mature self. Here is hoping we can all maintain a youthful mindset . . . therein lies real hope.