This booklist is intended for elementary school science students with high interest and low vocabulary skills. The Spache Readability Scale, Dale-Chall formula, sentence structure, paragraph flow, illustration, and diagram analysis or publishers stated grade level were used to determine grade level designations. The included interest level varies from about kindergarten through grade nine and reading level from grades one through four on general science topics including animals, amphibians, astronomy, birds, conservation, earth studies, electricity, fish, health, insects, machines, magnets, ocean life, plants, reptiles, seasons, spiders, space travel, trees, and worms. A list of publishers with addresses is included. (JM)
HIGH INTEREST - LOW VOCABULARY

SCIENCE BOOKS

READING LEVEL GRADES 1-4

(Prepared for the remedial reading teacher)

compiled by

MARGARET E. GOTT
Central Michigan University

JAMES R. WAILES
University of Colorado

Revised
SEPTEMBER 1970

Available from Bureau of Educational Research
School of Education
University of Colorado
Boulder, Colorado 80302

$1.00
This 1970 edition of High Interest-Low Vocabulary Science Books is much expanded over the 1959 and 1963 editions. The audience for this bibliography is intended to be the remedial reading teacher and the classroom teacher seeking interesting materials written at a low vocabulary level.

Most of the books included were tested for readability by the authors or the publishers. The Spache Readability Scale or the Dale-Chall formula were most commonly used. Books for which no readability was given by the publisher were compared with books for which grade level readability was known by test and placed where they seemed appropriate. Much attention was paid to sentence structure and flowing paragraph structure. More difficult vocabulary is easy to handle if the structure is simple and meaning can be quickly derived from context. In many cases, excellent illustrations and diagrams in profuse quantity make comprehension easy, even with difficult words. Many publishers did not give publication dates. BOOKS IN PRINT, Vol. 2, BY AUTHOR was used to ascertain copyright dates. BOOKS IN PRINT, Vol. 1, BY TITLES was also utilized in the search.

The best information available was used for prices, but these are constantly changing. Therefore, prices given in the following pages are subject to change.

Where a single book was located through library shelf research, but no catalog was available, the PUBLISHERS TRADE LIST JOURNAL was consulted. To the best of our knowledge, all books listed in this bibliography are still available. A current list of publishers and addresses for all entries in this bibliography are given at the end of the booklet. Our thanks go to the publishers for their cooperation in providing materials.

Grade level color coded: Grade 1 - Pink
Grade 2 - Blue
Grade 3 - Green
Grade 4 - Goldenrod

James R. Wailes, Professor of Science Education and Chairman, Division of Elementary Education, University of Colorado, Boulder, 80302

Margaret E. Gott, Associate Professor of Elementary Education, Central Michigan University, Mt. Pleasant 48858

Copies of this bibliography are available from the Bureau of Educational Research, School of Education, University of Colorado, Boulder, Colorado, 80302. The price is $1.00 per copy, with a 10% reduction for ten or more copies mailed to the same address. Foreign orders should carry an additional amount to cover mailing of approximately one-half pound of printed material and the Bureau informed as to whether the bibliography should be sent air or surface mail.
**ANIMALS - DOMESTIC**

Darby, Gene. *Comar, the Gosling*. Benefic. 48 pp. $2.20, Gr. 1-3.
- Warm humorous adventure in the animal's natural environment.

- True adventures with real life dogs, written in easiest vocabulary but interesting style.

- *I Like Cats*. Garrard. 64 pp. $2.25, Gr. 1-4.
- True stories about fancy cats, plain cats, cuddly cats and the funny things they do, written with easiest vocabulary.

- *On the Farm*. Garrard. 64 pp. $2.25, Gr. 1-4.
- Never a dull moment on Mary's farm, where the unexpected happens more often than the expected.

- *Tommy's Pets*. Garrard. 64 pp. $2.25, Gr. 1-4.
- Two dogs, a cat, a robin and a squirrel keep Tommy's life full of exciting adventure, right in a city. Easiest vocabulary.

- The easier half of the Dolch Basic Word List and commonest nouns.

- Very easy reading, using the easier half of the Dolch Basic Word List.

- Very easy reading that will lead to an interest in trying other books about elephants.

- Full page, three-color illustrations plus simple language make this an inviting book.

- This inviting book, with simple language and fine illustrations, will encourage reading other books on this topic.

- A story of how birds, insects, and animals live together in the old house and raise their families.

- Story of the growth of a young kangaroo.

Darby, Gene. *Pudgy, the Beaver*. Benefic. 48 pp. $2.20, Gr. 1-3.
- Children learn a lot about the environment in which the beaver lives. Record available.

- All about a favorite pet, with an activities section and "things to do."

- *Skippy, the Skunk*. Benefic. 35 pp. $2.20, Gr. 1-3.
- A humorous story showing the animal's natural environment, by an eminent writer of science non-fiction. Record available.
Dolch, Edward and Marguerite. *Big, Bigger, Biggest*. Garrard. 64 pp. $2.25, Gr. 1-4. True tales about six really big jungle animals. Written with the 110 easiest Basic Word List and the most common nouns.

In the Woods. Garrard. 64 pp. $2.25, Gr. 1-4.

True stories of animals, sure to appeal to children, written with the easiest vocabulary.

Monkey Friends. Garrard. 64 pp. $2.25, Gr. 1-4.

True stories of monkey adventures more fascinating than fiction, written with the easiest vocabulary.

Some Are Small. Garrard. 64 pp. $2.25, Gr. 1-4.

These true stories tell how small animals of the woods come to live with people and make good pets. Easiest vocabulary.


The easier half of the Dolch Basic Word List.

Zoo is Home. Garrard. 64 pp. $2.25, Gr. 1-4.

Children will love reading these true tales of unexpected things that happen at the zoo. Easiest vocabulary.


An "I Can Read" book.


Simple text, excellent illustrations.


Schlein, Miriam. *Go With the Sun*. W. R. Scott, 1952. $2.00, Gr. 1-4.

Story of Peter and his winter animal friends.

Heavy is a Hippopotamus. W. R. Scott, 1954. $1.75, Gr. 1-3.

Explains the concepts of weight.


Smith, Teresa K. *The Littlest Skunk*. Steck, 1954. $2.50, Gr. 1-3.

Warm, appealing pictures accompany simple text.


Colorful pictures and easy prose describe the desert and its animals by day and by night.


Simple text for beginning readers.

**ASTRONOMY**


Shapp, Martha and Charles. *Let's Find Out What's In the Sky*. Watts, 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

**BIRDS**


The elf owls in this story reveal the life of the desert. Colored drawings aid in depicting this life.
BIRDS CONTINUED

Darby, Gene. Sally, the Screech Owl. Benefic. 48 pp. $2.20, Gr. 1-3.
A rather frightening creature becomes a friend as the child follows its adventures in its natural environment. Record available.

Doich, Edward and Marguerite. Friendly Birds. Garrard. 64 pp. $2.25, Gr. 1-4.
True and unusual stories about a pet crow, a talking mynah bird, blue jays and ducks, written with easiest vocabulary but interesting style.


Fox, Charles Philip. Mr. Duck's Big Day. Reilly, 1963. 28 pp. $3.50.
Illustrated by photos by the author, this attractive book with short simple sentences teaches much about a duck's habits.

How to attract and observe families of robins; their body structure, nesting habits and natural enemies.

The life cycle of a chicken is shown by diagrams and photographs.

Story of a barn swallow from fledgling to maturity, feeding its own young.

Selsam, Millicent. All About Eggs and How They Change Into Animals. W. R. Scott, 1952. $2.00, Gr. K-3. This book tells how eggs hatch into fish, turtles, lobsters, etc. Also it tells of those creatures that carry eggs inside the body.

EARTH STUDIES

Freeman, Mae and Ira. Snow is Falling. Random, 1963. $1.95, Gr. 1-3.
The first snow fills with wonder and delight.

Green, Carla. I Want to be a Coal Miner. Children's Press, 1957. 32 pp. $2.00, Gr. K-3. 50 pt. type.

Lubell, Winifred and Cecil. In a Running Brook. Pend, 1968. $3.95, Gr. 1-3.
Simply written, well illustrated, introducing a child to the world around him.


Shapp, Martha and Charles. Let's Find Out About Water. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words illustrated, large clear type.

Tresselt, Alvin. White Snow, Fright Snow. Lothrop, 1947. $2.00, Gr. 1-3.
This book is a Caldecott Medal winner. It reveals the beginning of winter by word and illustration.

——. Raindrops Splash. Lothrop, 1946. $2.50, Gr. 2-3.
An account of rain and how it affects the child's world.

——. Follow the Wind. Lothrop, 1950. $2.00, Gr. 1-3.
The many uses of the wind are given in easy, understandable language and in bright pictures.
ELECTRICITY - MAGNETS

Shapp, Martha and Charles. Let's Find Out What Electricity Does. Watts. 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

FISH, AMPHIBIANS AND REPTILES

Broekel, Ray. The True Book of Tropical Fishes. Childrens Press, 1956. $2.00, Gr. 2-5. This book tells about how an aquarium can be made and about the tropical fishes which might live in fresh water aquariums.


Phleger, Frederick B. Red Tag Comes Back. Harper, 1961. 64 pp. $2.50, Gr. 1-4. Through tracing a tagged salmon, the dangers that haunt his life-cycle are vividly presented.

HEALTH

Eastman, P. D. Are You My Mother? Random, 1960. $2.19, Gr. 1-3. In pretty story and pictures, the scientific fact that the young resemble the adult comes out.


INSECTS - WORMS - SPIDERS

Berg, Jean Horton. Big Bug, Little Bug. Follett, 1964. 32 pp. $1.00, Gr. 1-3. A small bug finds out that the big and little animals can help each other.


MACHINES - WORKMEN


Collier, Ethel. I Know a Farm. Scott, 1960. $3.50, Gr. 1-3. A warm farm story with controlled first grade vocabulary.

Darby, Gene. What is a Simple Machine? Benefic. 40 pp. $2.50, Gr. 1-4. Simple presentation with emphasis on teaching the basic facts in easy-to-understand terms, color illustrations.


Elting, Mary. First Book of Firemen. Watts, 1951. $1.95, Gr. 1-4. Introduces firemen and their work with brief text.


MACHINES - WORKMEN CONTINUED

Shapp, Martha and Charles. Let’s Find Out About Wheels. Watts, 1962. 42 pp. $2.65, Gr. 1-3. Page-size drawings, one or two lines of large print; only 100 different words in the book.


Wooley, Catherine. I Like Trains. Harper, 1954. $1.50, Gr. 2-5. A train from a child’s point of view.

Zaffo, George J. Big Book of Real Fire Engines. Grosset, 1950. $1.00, Gr. K-5. A Big Treasure Book about fire engines and equipment in use today. Large pictures and brief text.

Let’s Find Out About Boats and Ships. Grosset, 1951. $1.00, Gr. 1-5. About many kinds of boats and ships in an oversized book with colored pictures.

OCEAN LIFE


Selsing, Hillicent. See Along the Shore. Harper, 1961. 48 pp. $3.95, Gr. 2-5. The special world of plant and animal life along the seashore.

Tresselt, Alvin. I Saw the Sea Come In. Lothrop, 1954. $2.00, Gr. K-3. The story of a little boy’s exploration of the beach and how he was fascinated by the sea.

SEASONS

Darby, Gene. What is a Season? Benefice Press. $1.80, Gr. K-2. Simply written sentences, 2-6 on a page, are beautifully illustrated by photos by the author.

Fox, Charles Philip. When Autumn Comes. Reilly, 1966. 32 pp. $3.50, Gr. 1-3. Illustrated by photos of the author almost every page, with 2-6 lines of easy sentences. Attractive and inviting.

When Summer Comes. Reilly, 1966. 32 pp. $3.50, Gr. 1-3. Lovely photos by the author on almost every page. Easy sentences, 2-6 to a page, carry the message.

When Winter Comes. Reilly, 1962. 32 pp. $3.50, Gr. 1-3. Simple sentences, 2-6 on a page, give the child a fascinating book he can really read. Illustrated every page with photos by the author.


Let’s Find Out About Summer. Watts, 1963. 48 pp. $2.50, Gr. 1-3. A sunny book showing how the seasons change. Uses 100 different words.

SPACE TRAVEL

Corson, Hazel W.  Peter and the Rocket Fishing Trip.  Benefic.  64 pp.  $2.60, Gr. 1-4.  Scientific facts and concepts are introduced to the beginning reader through an interesting story.

Green, Carla.  I Want to Be a Space Pilot.  Childrens Press, 1961.  32 pp.  $2.00, Gr. K-3.  Kip, who wants to fly to the moon, learns first about the earth and air around it and the nature of outer space.

TREES AND PLANTS


Hawkinson, John.  The Old Stump.  A. Whitman, 1965.  32 pp.  $2.95, Gr. 1-3.  Encourages the young child to be more conscious of what he sees. Full color illustrations.

Lubell, Cecil and Winifred.  Green is for Growing.  Rand.  64 pp.  $2.95, Gr. 1-4.  Written in simple language, this beautifully illustrated book is full of unusual and fascinating facts about interesting and strange plants.

Miner, Irene O. S.  True Book of Plants We Know.  Childrens Press, 1953.  $2.00, Gr. K-4.


Udry, Janice May.  A Tree Is Nice.  Harper, 1956.  $3.25, Gr. 2-3.  As the title implies, the pleasure of trees is brought out.

ADDITIONAL SCIENCE TOPICS


Schneider, Herman and Nina.  How Big is Big?  W. R. Scott, 1950. Revised.  $1.75, Gr. 1-6.  The young child is presented with mass and volume relationships.
ADDITIONAL SCIENCE TOPICS CONTINUED


Shapp, Martha and Charles. *Let's Find Out What's Big and What's Small*. Watts, 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.

Shapp, Martha and Charles. *Let's Find Out What's Light and What's Heavy*. Watts, 48 pp. $2.50, Gr. 1-3. Basic concepts presented in 100 different words, illustrated, large clear type.


SECOND GRADE READING LEVEL
(Interest level indicated with each book)

ANIMALS - DOMESTIC

A true story of a baby Shetland pony who lived in the house with the
family for the first months of his life. The author took many, many
snapshots which illustrate the book. An unusual and captivating book.

Easy-to-read account of all kinds of cats from tamed ones to lions.
Illustrated in black and white.

- Goats. Harcourt. 64 pp. $2.95, Gr. K-3.
An easy-to-read science picture book that gives a lively survey of
goats, domestic and wild. Large type.


Dodd, Madeline M. All Kinds of Cows. Follett, 1965. 32 pp. $1.00, Gr. 2-4.
Clear factual information presented in large easy-to-read print and
simple sentences, with attractive color illustrations.

Eighteen delightful true stories of the intelligence and devotion
displayed by dogs of many different breeds. Dolch Basic Vocabulary.

- Horse Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Action-packed true stories about all kinds of horses: race horses,
work horses, and circus horses. Dolch Basic Vocabulary.

True stories about the intelligence and devotion displayed by dogs
of many different breeds. Dolch Basic Vocabulary.

Feistel, Sally and Leonard Meshover. The Guinea Pigs That Went to School. Follett,
1968. 64 pp. $3.00, Gr. K-3. Illustrated with photographs of children,
teacher and pigs, the book tells scientific information in a simple,
large type text. The book is 8" x 10".

How to care for and train a puppy, in a child's words.

The first lessons in cat care set forth in the simplest manner possible.

Two Shetland ponies are affectionately described in winning photographs
from birth to their first winter. Brief text in narrative style.

A colorful description of what happens on a sheep ranch.


The evolution of horses from the small "dawn horse" of 60 million years
ago.

Tells what each animal eats, where he lives, what work he does, what
sounds he makes, and the close relation of the farmer and his animals.
Book size 5" x 11".

Stories of dog heroes and dog workers, and their bravery, loyalty and
patience.

A Jersey calf and a nine-year-old boy are the basic elements in a
story, which includes factual material on the care and feeding of
cattle, and about the many ways cattle provide for man's welfare.

true stories about American horses at work and play.
ANIMALS - DOMESTIC CONTINUED

A charming story provides many important facts about raising pigs.


A wealth of straight information, in simple text, many pictures, about bird dogs, hounds, terriers, non-sporting dogs and toy dogs.

Fascinating information about horses from the small foal to the great draft horses, the role of horses in history and their place in the world today.

ANIMALS - GENERAL

Adelson, Leone. All Ready for Summer. McKay, 1955. $2.75, Gr. 2-4.
Spring comes to the animal world.

Aulaire, Ingri d' and Edgar Parin d'. Animals Everywhere. Doubleday, 1954. $2.00, Gr. 2-5. This book tells about many animals and their habits.


A lively account of this little-known animal.

Meeting all kinds of animal life in a meadow, the reader finds out how and why these animals like this environment.

The young reader is challenged to think and observe carefully in this easy-to-read text. (Let's Read-and-Find-Out Series)

How a family of lions lived together in the Bronx Zoo, told with 36 full-page photographs.

Ookie, the Walrus Who Likes People. Morrow, 1962. 64 pp. $3.95, Gr. 1-5. With 39 full-page photographs, chubby gentle-eyed Ookie becomes a new member of the animals understood by children.

Zoo Pets. Morrow, 1955. $2.50, Gr. 3-8.
An appealing account of the young of the Bronx Zoo.

Clear and simple story of the life cycle of the dandelion, with photos. Size 10" x 8".

A "Science I Can Read" book, well illustrated and interesting.

Twenty pictures of zoo animals with two lines of text under each picture. Pictures are photographs.

At the Zoo. Childrens, 1967. 24 pp. $2.50, Gr. 1-3.
Twenty pictures of zoo animals with two lines of print under each.

A typical day in the life of four kinds of baby apes, the chimpanzee, the gorilla, the orangutan, and the gibbon.

The littlest reindeer goes south to seek his antlers.

Interesting material written with simple language, Dolch Basic Word List and the 95 Commonest Nouns, this book stimulates interest in many areas.
ANIMALS - GENERAL CONTINUED

Fast-moving, highly interesting stories about bears, in Dolch Basic Vocabulary.

Elephant Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Fascinating true stories of how elephants are caught and trained, and about some of the amazing, funny things they do. Dolch Basic Vocabulary.

Lion and Tiger Stories. Garrard. 176 pp. $2.75, Gr. 1-6.
Eighteen true stories about "big cats," their cunning and intelligence, and about man's struggle to catch and tame them. Dolch Basic Vocabulary.

Description, life cycle, habits of many species of deer around the world, with vivid illustrations.

Squirrels. Follett, 1967. 32 pp. $1.00, Gr. 2-5.
Many species are described, life cycle and habits detailed, with vivid full-color illustrations.

Familiar animal babies as well as zoo residents.


The life and habits of an opossum, illustrated by unusual and fascinating pictures (photos) by the author.

Goudy, Alice E. Here Come the Bears! Scribner, 1954. $2.25, Gr. 2-4.
Different bear families are told about.

Here Come the Beavers. Scribner, 1957. 94 pp. $2.50, Gr. 2-4.
This concerns life in a beaver pond and tells of plant life and bird migration as well as beaver life.

Here Come the Cottontails! Scribners, 1965. 96 pp. $3.63, Gr. 2-4.
The life stories of the cottontail and the black-tailed jack rabbits are told with scientific attention to accuracy and many illustrations of the struggle for survival.

Here Come the Seals. Scribner, 1957. 93 pp. $2.50, Gr. 2-4.
An account of the life of the harp and fur seals and something about other kinds of seals. Some colored pictures.

Here Come the Squirrels! Scribners, 1962. 94 pp. $3.25, Gr. 2-5.
Profusely illustrated. Simple flowing sentences keep reading easy.

All about cottontails, illustrated with amazing and excellent photographs by the author.

Some of the small, common, outdoor creatures are pictured and explained.

Richly illustrated in photographs, this book widens the child's knowledge while captivating his interest. Book size 8" x 10".

The tales that tracks tell the nature-lover.

Easy text plus fine illustrations.

Kohn, Bernice. All Kinds of Seals. Random, 1968. $1.95, Gr. 2-6.
Illustrated with photos.

Koalas. Prentice, 1965. $3.95, Gr. 2-4.
Beautifully illustrated and easy to understand.
ANIMALS - GENERAL CONTINUED

The life cycle, habits and behavior of possums, with fascinating illustrations by the author on every page.

With drawings and diagrams by the author; this book describes the habits and habitats of these penguins, and their unusual methods of feeding and caring for their young.

The story of Jan gives an intimate picture of life among the Lapps and of the reindeer on which they depend for their livelihood.

A fascinating subject treated in a simple but vivid fashion.


---

True Book of Animals of Sea and Shore. Children's, 1956. $2.00, Gr. 2-8. Many animals and their habits are shown in illustrations.

Scientific concepts explained in easy prose with colorful illustrations on every page.

---

True Book of Whales and Other Sea Mammals. Children's, 1963. $2.00, Gr. 1-4. Giant mammals of the sea; how they live, breathe, keep warm, travel; kinds of whales and their relatives in the sea; whale hunting, conservation, and the whale industry today.


The community of insects, birds, and animals in the forest is shown here.

---

A Time for Sleep. W. R. Scott, 1953. $2.00, Gr. 2-8.
The ways in which animals sleep is shown by pictures and simple reading.

---

How animals change as they develop.


Tannenbaum, Harold and Nathan Stillman. *We Read About Animals and Where They Live*. Webster. $.36, Gr. 2-4. Youngsters can learn more about the habitats of familiar and exotic animals and how they have made physical adjustment to their surroundings.

Independent reading is encouraged by the fascinating pictures and easy text.

---

Cuff, a Baby Bear. Putnam, 1969. 64 pp. $2.68; Gr. 1-3.
Easy reading plus fine illustrations.

---

Easy text, fine pictures every page, and science too.

---

An easy "See and Read" science book.

A fascinating collection of African and Australian animals as well as odd fish and birds. Illustrated by the author, some color.


---

Fine pictures and one or two short paragraphs to a page, easy reading and exciting subject.
ASTRONOMY

With simple, clear and accurate text many things about the moon are explained, including atmosphere, orbit and gravitational pull.


Freeman, Mae and Ira. The Sun, the Moon, and the Stars. Random, 1959. 96 pp. $1.95, Gr. 2-6. Profusely illustrated, simple prose.

Does everyone see the same moon I see?

A boy's experiences in the Southwest develop concepts about the sun.

Knight, David. Let's Find Out About Mars. Watts, 1966. 60 pp. $2.65, Gr. 2-6, Scientifically accurate yet simply written, it encourages wider reading on this fascinating subject.

Podendorf, Illa. Moon, Sun and Stars. Children's, 1963. 48 pp. $2.00, Gr. 2-6. Topics of vital interest simply explained with many colorful illustrations.


Watts, 1965. 48 pp. $2.95, Gr. 2-5. The importance of the sun to life is clearly shown in an interesting way.

Tannenbaum, Harold and Nathan Stillman. We Read About Earth and Space. Webster. $3.60, Gr. 2-4. Children gain their first concept of the magnitude of the universe. The solar system and satellites are vividly illustrated and described.

BIRDS

Exotic as well as familiar birds are pictured, with stories of habitats and eccentricities.

A cardinal family set up their nest outside a small boy's window.


Fenton, Carroll and Dorothy Pallas. Oliver Pete is a Bird. Day, 1959. 48 pp. $2.86, Gr. 1-4.
Basic scientific facts about the bird world are presented through a pet parakeet.

Friskey, Margaret. True Book of Birds We Know. Children's, 1954. $2.00, Gr. K-4.

Why--? Why--? and why don't birds fall out of the trees when they are asleep?

Eating habits of common birds, with suggestions for simple methods of providing food for them.

Their incredibly strong wings and long thin beaks help birds get their food. Illustrations in three colors.

An introduction to nesting habits of birds that should be an incitement to bird-watching. Lovely illustrations in color.

A family watches a duck family all through the summer. Color pictures nearly every page.

Discovery and participation in the moods of the seasons.
BIRDS CONTINUED


Goudy, Alice. Graywings. Scribners, 1964. 64 pp. $3.63, Gr. 2-5. The life cycle of the herring gull and the dangers he faces in growing up are told in flowing prose and profuse illustrations.


McClung, Robert H. Ruby Throat: The Story of a Hummingbird. Morrow, 1950. $2.00, Gr. 3-5. About the life and habits of the hummingbird. It has good illustrations.

Selsam, Millicent. Tony's Birds. Harper, 1961. 64 pp. $2.50, Gr. 1-4. With his father's field glasses and the family bird guide, Tony leads the reader to a boy's eye view of birds.


CONSERVATION


EARTH STUDIES


Bartlett, Margaret P. The Clean Brook. Crowell. 40 pp. $2.50, Gr. K-3. The ways in which the water muddies and the natural filters in the water that enable the brook to become clean again. (Let's Read-and-Find-Out Series.)

Down the Mountain. Scott, 1963. $3.25, Gr. 2-4. A science walk introduces three basic kinds of soil.


Busy Winds. Holiday, 1968. 32 pp. $3.95, Gr. 2-4. Simple text with vivid illustrations explains where different kinds of winds come from and what causes them.

Blough, Glenn O. Not Only Ducks. The Story of Rain. McGraw, 1954. $2.25, Gr. 4-6. The necessity of rain is shown in this well illustrated book.

Branley, Franklyn. Air Is All Around You. Crowell. 40 pp. $2.50, Gr. K-3. An explanation with a simple experiment to increase the child's awareness of the world in which he lives. (Let's Read-and-Find-Out Series.)
All about thunderstorms, with simple text and eye-catching illustrations to keep interest high.

Simple words and dramatic color illustrations explain the rain cycle.

Explains simply and with excellent photographs the ecology of pond and aquarium. Size 10" x 8".


Chapin, Cynthia. What Will the Weather Be? A. Whitman, 1965. 32 pp. $2.25, Gr. 1-3. Large print. An attractive introduction to how man figures out the answer to this question.

Darby, Gene. What is the Earth? Benefic. 48 pp. $2.20, Gr. 2-4.
Thoroughly explained in easy-to-understand terms with color illustrations on nearly every page.

Drawings every page, very little text, but informative, with experiments to do. Size 6½" x 11½".

A simple explanation of a daily phenomenon.

Carona, Philip B. Water. Follett, 1966. 32 pp. $1.00, Gr. 2-6.
Accurate concepts in a direct and concise manner, simple sentences and paragraphs making comprehension easy with full-color illustrations that hold interest.

Fenton, Carroll Lane and Mildred Adams Fenton. The Land We Live On. Doubleday, 1964. $2.75, Gr. 5-12. The areas of land such as valleys and mountains, deserts, and prairies are explained and illustrated in black and white.

Frescon, Ira and Mae. Rain and Hail. Random, 1963. 96 pp. $1.95, Gr. 2-5.
Well illustrated and interestingly written.

Friskey, Margaret. The True Book of Air Around Us. Children's, 1953. $1.50, Gr. 2-4.
A brief account is given of winds, hurricanes, lightning, and other weather conditions, about which a child may wonder.

Fascinating bold pictures fire interest. Simple sentences, up to eight every other page, encourage reading on.

Causes of wind, rain, thunder and lightning, snow and hail, told in a manner that first and second graders may readily grasp; includes simple experiments.

The water cycle plus other science principles.

A boy discovers that fog, rain, clouds, and mist are part of the water cycle.

Knight, David. Let's Find Out About Earth. Watts, 1968. 48 pp. $2.65, Gr. 2-5.
Fine illustrations make the text easy to comprehend.

An understanding of an unusual feature of nature.
The seldom-seen world around us.

How the ice ages affected plants, animals and people. Color illustrations on every page.

**They Turned to Stone.** Holiday, 1965. 40 pp. $3.95, Br. 2-5.
How and why prehistoric plants and animals sometimes became fossils. Color illustrations on every page.

**Weather.** Follett, 1966. 32 pp. $1.00, Gr. 2-5.
Introduction to the scientific study of weather; color illustrations and diagrams.

Helps children develop their imaginations while gazing at clouds, at the same time giving them considerable information regarding the various types of clouds. Illustrations.

Norling, Josephine and Ernest. *First Book of Water*. $1.95, Gr. 2-4.
What water is, and its use.

Snowdrops planted in the fall come up in time for a March birthday.

The formation and characteristics of different kinds of rocks; how they tell the history of the earth. Colorful illustrations.

Fascinating facts and uses of air; activity and discovery.

Podendorf, Iila. *Pebbles and Shells*. Children's, 1963. 48 pp. $2.00, Gr. 2-5.
Colorfully illustrated, this book awakens interest that will lead to exploration of many areas of science.

**True Book of Jungles.** Children's, 1959. $2.00, Gr. 2-4.
**True Book of Rocks and Minerals.** Children's, 1958. $2.00, Gr. 2-4.

From a trickle to the wide river, the story is developed like poetry in short simple sentences; every page has illustrations by author in a form like Japanese brushwork.

A book written to make children aware of simple things about them, such as rain, shadows, and sounds.

Children find out how air helps them hear and create music.

Fascinating illustrations help keep the interest high as the simple prose tells the story.

Simple prose, fine illustrations, and basic experiments.

Profusely illustrated, scientific principles grow out of simple text.

**The South Pole.** Holt, 1968. $2.95, Gr. 2-4.
Vivid illustrations bring to life an unknown region.

Tannenbaum, Harold and Nathan Stillman. *We Read about Lightning and Thunder*. Webster. $.36, Gr. 2-4. These are explained in such a way that children quickly grasp their importance to our lives.

With delicate color illustrations by the author, the work of the wind is depicted in an imaginative mood as playful, merry and even naughty, but scientific concepts are there.
EARTH SCIENCE CONTINUED

Waller, Leslie. *Continents and Islands.* Grosset, 1969. $2.50, Gr. 2-4.  
Easy reading but informative. Well illustrated.

Wise, William. *Monsters of Today and Yesterday.* Putnam, 1967. 64 pp. $2.68,  
Gr. 2-4. Interesting easy reading with fine illustrations.  
The interesting subject encourages independent reading.

ELECTRICITY - MAGNETS

48 pp. $2.50, Gr. K-3. Precise information on magnets in a form  
to appeal to every child.

Basic principles of wiring and electricity, with experiments, woven  
into a story of a boy sick in bed with a cold.

*Timmy and the Tin-Can Telephone.* Crowell, 1959. $2.50, Gr. 1-3.  
The principles of sound transmission explained by words and pictures.  
Easy directions for making a telephone.

An everyday topic made clear and understandable.

Scientific principles explained in easy flowing prose.

*Telephones.* Coward, 1967. 48 pp. $3.29, Gr. 2-4.  
Basic principles of sound traveling through space.

$2.95, Gr. 2-5. Light and colors; light can bounce; and the sun  
shines at night!

48 pp. $2.00, Gr. K-5. Shows different magnets and characteristics;  
a simple circuit, uses of electricity, static electricity.

Sacks, Raymond. *Magnets.* Coward, 1967. 48 pp. $3.29, Gr. 2-4. Basic experiments  
enliven the easy reading.

Tannenbaum, Harold and Nathan Stillman. *We Read About Electricity and How It is  
Made.* Webster. $3.66, Gr. 2-4. Various methods by which electricity  
may be harnessed; basic components of generators; an exceptionally  
clear description of an atomic power plant.

Deals with the nature and function of electricity both static and current.  
*Magnets.* Follett, 1962. 32 pp. $1.00, Gr. 2-6.  
Different kinds of magnets, their uses; simple experiments. Well  
illustrated with drawings and diagrams.

Waller, Leslie. *Electricity.* Holt, 1964. $2.95, Gr. 2-4.  
A topic of everyday interest, is developed with illustrations on every  
page.

FISH, AMPHIBIANS AND REPTILES


Young readers will no longer be frightened or squamish about this  
friendly animal.

Darby, Gene. *What is a Fish?* Benefic Press. $1.80, Gr. K-3.

The life cycles of several different species of Pacific salmon, with  
full color illustrations.
FISHERY, AMPHIBIANS, AND REPTILES CONTINUED

Fenton, Carroll. *Goldie is a Fish.* Day, 1961. 48 pp. $2.68, Gr. 2-4. Fascinating facts about fish life and habits are learned in watching a pet goldfish.

Inger, Robert F. *The Reptiles.* Follett, 1966. 32 pp. $1.00, Gr. 2-6. Their body structure, habits and relation to man, told in easy language and with fascinating illustrations.

Kellin, Sally. *A Book of Snails.* Scott, 1968. $3.50, Gr. 2-5. Informal but informative, with unusual photographs.

McClung, Robert M. *Bufo: The Story of a Toad.* Morrow, 1954. $2.00, Gr. 2-4. The story of a toad from egg to full life, with illustrations.


Wong, Herbert H. and Matthew F. Vessel. *My Goldfish.* Addison-Vesley, 1969. 32 pp. $4.35, Gr. 2-4. Full color illustrations help explain the story of a fish from egg to adult, and how to care for one.

Zim, Herbert S. *The Great Whales.* Morrow, 1951. $2.00, Gr. 1-6. Facts about the giant of the sea, told in interesting style with illustrations.

HEALTH


Follett, Robert. *Your Wonderful Body.* Follett, 1961. 32 pp. $1.00, Gr. 2-6. How the human body works is explained in simple language with clear diagrams and drawings in full color.

Hinshaw, Alice. *Your Body and You.* Children's, 1959. 48 pp. $2.00, Gr. 2-4. An interesting, colorfullly illustrated account of the human body, simply written for a child.

Lerner, Marguerite R. *Michael Gets the Measles.* Lerner, 1959. $3.25, Gr. 2-6. What really happens to you when you get this disease is explained in easy prose and verse.

Showers, Paul. *How Many Teeth?* Crowell, 1962. 40 pp. $3.50, Gr. 1-4. With lively illustrations on every page, the simple text explains the number of teeth a person has from one year of age to adulthood.

INSECTS - WORMS

Adrian, Mary. *Garden Spider.* Holiday, 1951. 40 pp. $2.50, Gr. 2-4.
Life-cycle story of our common spider. Authentic. Large type.

The work and habits of bees. Lively drawings and simple text encourage children to watch and observe and try simple experiments.

Varieties and life cycle of butterflies, with accurate full-color illustrations.

Easily found butterflies and moths very simply presented. Full color illustrations.

Childlike, non-technical presentation of common caterpillars. Full color illustrations.

A simple, scientifically accurate description of the ladybug beetle.

Science for the curious young observer not yet ready for technical explanations.

With simple text and beautiful illustrations, the growth of 17 insects, from egg to adult, is described.

Thoroughly illustrated, easy to understand, interesting.

Little girls will find spiders fascinating rather than frightening. Well illustrated, keeping interest high.

Thoroughly illustrated, easy to understand.

Duple, Ramona S. *Spiders.* Follett, 1967. 32 pp. $1.00, Gr. 2-5.
Physical and behavioral characteristics of many types; use to man; attractive full color illustrations.

$3.75, Gr. 1-2. Stimulates speculation and wonder.

Earthworms, a snail, pill bugs, a lizard and a horned toad are examined by a group of children and their teachers. Two color illustrations.

Scientifically, yet simply, the life cycle of the grasshopper and his struggle for survival is explained; profuse illustrations.

Illustrations every page make this fascinating reading.

Hutchins, Rose E. *Travels of Monarch X.* Knod, 1966. 64 pp. $3.95, Gr. 2-4.
A banded Monarch Butterfly is traced from Canada to Mexico.

Marcher, Marion W. *Monarch Butterfly.* Holiday, 1954. $2.00, Gr. 3-5.
Graphic illustrations help to tell the life cycle of the monarch butterfly.

McClung, Robert M. *Sphinx: The Story of a Caterpillar.* Morrow, 1949. $2.00, Gr. 4-8.
How a moth comes from the Sphinx caterpillar.


Podendorf, Illa. *True Book of Spiders.* Children's, 1962. 48 pp. $2.00, Gr. 2-5.
Fascinating information about how spiders live and how they help us.

A little girl finds out the wonders of the caterpillar's life.
INSECTS - WORMS CONTINUED

Colored page-size pictures and easy prose show the change from caterpillar to butterfly.

Stevens, Carla. Catch a Cricket. Scott, 1961. 96 pp. $3.00, Gr. 1-3.
Written in simple style and illustrated with photos of boys and bugs.

Pfadt, Robert E. Grasshoppers. Follett, 1966. 32 pp. $1.00, Gr. 2-5.
Presents the physical structure, life cycle and habits, with full color illustrations.

The habits and characteristics of bees.

32 pp. $4.35, Gr. 2-4. Written in a discovery style, the reader watches some insects in a jar and learns about them.

MACHINES - WORKMEN

Carson, Hazel. Peter and the Big Balloon. Benefic Press. $1.92, Gr. 2-4.

Colonius, Lillian. At the Airport. Melmont, 1953. 24 pp. $4.50, Gr. 1-4.
An over-all view of activities at a large city airport.

Hamilton, Russel D. First Book of Trains. Watts, 1955. $1.95, Gr. 2-5.
Description of today's trains and how they operate.

Kerner, Ben. Friction. Coward, 1968. 48 pp. $3.29, Gr. 2-5.
Scientific principle tied into everyday life with basic experiments and explanatory illustrations.

A simple machine that leads to complicated science.

Lewellen, John. The True Book of Toys at Work. Children's, 1953. $1.50, Gr. 2-6. A simple, but scientific account, of gravity, sound, and friction.

A simple basic machine which raised civilizations.

Pictures occupy most of every page, with a few sentences to explain each, telling the history of flight.

All wheels are round because that's the best shape for rolling.

Tannenbaum, Harold and Nathan Stillman. We Read About Airplanes and How They Fly. Webster. $.36, Gr. 2-4. This beautifully illustrated booklet deals with fundamental facts about forces that exist and how these forces are used by airplanes to fly.

We Read About Rockets and How They Work. Webster. $.36, Gr. 2-4. Rocket shapes and fuels, and the principle of thrust, are discussed and explained in an easily understood manner.

We Read About Taking Pictures. Webster. $.36, Gr. 2-4. Deals with the color changing properties of light and the importance of light in taking pictures; discusses cameras and the development of film.

We Read About Television and How It Works. Webster. $.36, Gr. 2-4. Children learn the secret of how light and sound are changed into waves at the television studio, and how waves are converted into sound and picture on their TV.

A book on flying and on aeronautics, in simple text with full color diagrams and illustrations to hold interest high.

Ziner, Feenie. About Wonderful Wheels. Melmont, 1959. 24 pp. $2.50, Gr. 1-5. Wheels down through the ages, from potter's wheel to the wheels of intricate engines.
SPACE TRAVEL CONTINUED

Frost, Frances. *Rockets Away.* Whittlesey, 1953. $2.00, Gr. 2-5.
Authentic space travel to the moon.

Holsaert, Eunice. *Outer Space.* Holt, 1959. 48 pp. $2.95, Gr. 2-4.
With the fine illustrations on every page, the child will feel he is really there.

Lewellen, John B. *The Mighty Atom.* Knopf, 1955. $2.00, Gr. 3-9.
The elements of the atom explained in a simple manner.


Schneider, Herman and Nina. *You Among the Stars.* W. R. Scott, 1951. $2.50, Gr. 3-6. Han's place within the cosmic world, given by analogies.

Schwartz, Julius. *The Earth is Your Spaceship.* McGraw, 1963. 32 pp. $2.50, Gr. 2-4. Science and fun as the children discover that earth is a space traveler.

TREES AND PLANTS

Adamson, Jean and Gareth. *The Family Tree.* Whitman, 1969. 32 pp. $3.50, Gr. 1-3. Large print. As seasons pass, the tree changes and so do the ways of the creatures it shelters.

In the simplest terms, it explains the functions of leaves, and tells when and why they fall.

The city child as well as the country child will enjoy learning about growing things and responsibility.

Busch, Phyllis. *Once There Was a Tree.* World, 1968. 48 pp. $4.50, Gr. 1-3. Size 10" x 8". Excellent photos help the simple prose to tell how plants and animals made use of the tree.

Foster, William K. and Pearl Queree. *Seeds Are Wonderful.* Children's, 1960. 32 pp. $2.50, Gr. 1-3. An explanation of the plant cycle and the importance of seeds, with experiments.

Hurd, Edith Thacher. *This is the Forest.* Coward, 1969. 48 pp. $3.29, Gr. 2-4. Simple, imaginative approach to scientific truths.

Hutchins, Rose E. *Lives of an Oak Tree.* Rand, 1962. 64 pp. $3.95, Gr. 2-5. Plenty of reading but simple with fast-moving interest.

An excellent first science book for beginning independent readers. (Let's Read-and-Find-Out Series)


Ross, George Maxim. *The Pine Tree.* Dutton, 1967. 40 pp. $3.75, Gr. 2-5. How a pine seed grew into a tree in spite of the difficulties nature presented, told in simple short sentences like poetry and illustrated on every page by sketches like Japanese brushwork.

Selsam, Millicent. *Seeds and More Seeds.* Harper, 1959. 64 pp. $1.95, Gr. K-3. What seeds are, how they grow, where they come from, how they are dispersed. (I Can Read Series)

Shapp, Martha and Charles. *Let's Find Out About Trees (Arbor Day).* Watts, 1970. 48 pp. $2.95, Gr. 2-4. How trees grow, how we use them and why conservation is important. Easy reading.
TREES AND PLANTS CONTINUED

Tennenbaum, Harold and Nathan Stillman. We Read About Seeds and How They Grow. Webster. $3.36, Gr. 2-4. Structure and growth of seeds is explained and the child's ability to recognize seeds is enlarged. Seeds become fascinating.

Webber, Irma Eleanor. Bits That Grow Big; Where Plants Come From. Scott, 1949. $2.00, Gr. 2-4. About plant reproduction in easy-to-read style; pictures and suggestions for simple experiments.

Wong, Herbert H. and Matthew F. Vessel. Our Tree. Addison-Wesley, 1969. 32 pp. $4.35, Gr. 2-4. Illustrated in full color. The seasonal cycle of a tree, and the world of animals in and around it.

Zim, Herbert S. What's Inside of Plants. Morrow, 1952. $1.75, Gr. 2-5. Large print and clear, colored illustrations to explain the parts and working of common plants.

ADDITIONAL SCIENCE TOPICS

Bendick, Jeanna. A Fresh Look at Night. Watts, 1963. 46 pp. $2.95, Gr. 1-3. The sounds, sights and activities that haunt the night.

Berger, Melvin. Atoms. Coward, 1968. 48 pp. $3.29, Gr. 2-4. A difficult subject placed within the range of easy reading.

Berger, Melvin. Gravity. Coward, 1969. 48 pp. $3.29, Gr. 2-4. Basic experiments are incorporated with easy prose and fine illustrations.

Carone, Philip. True book of Chemistry. Children's, 1962. 48 pp. $2.00, Gr. 2-5. Basic concepts regarding elements, molecules, atoms, solids, liquids, gases, symbols, chemical and physical changes. 24 pt. type.


Milgrom, Harry. Adventures with a Ball. Dutton, 1965. 32 pp. $3.50, Gr. 1-3. The ball's behavior when bounced and rolled in different ways lays the foundation of Newton's laws, friction and gravity.


Miller, Lisa. Sound. Coward, 1965. 48 pp. $3.29, Gr. 2-4. Illustrations and diagrams, easy prose and simple experiments bring out the basic scientific principles involved.

Neal, Charles D. Sound. Follett, 1962. 32 pp. $1.00, Gr. 2-4. How sound is made, how it travels, how it helps man.

Pine, Tillie and Joseph Levine. Heat All Around. McGraw, 1963. 48 pp. $2.50, Gr. 2-3. Where does heat come from, how does it make our weather, and even how do storm windows work?
ADDITIONAL SCIENCE TOPICS CONTINUED

Introduces basic concepts related to uses and kinds of energy—wind, water, electrical, magnetic, heat, sunlight, mechanical and chemical

True Book of More Science Experiments. Children's, 1956. $2.00, Gr. 1-3.

True Book of Science Experiments. Children's, 1954. $2.00, Gr. K-4.

True Book of Sounds We Hear. Children's, 1955. $2.00, Gr. K-4.

True Book of Weather Experiments. Children's, 1961. 48 pp. $2.00, Gr. K-6. Encourages children to reach a new awareness of weather through simple experiments and by building a wind vane, a barometer, anemometer, rain gauge, etc.

Schwartz, Julius. Uphill and Downhill. McGraw, 1965. 32 pp. $2.50, Gr. 2-4. Experience and experiment lead to exploration and discovery of scientific truths.

What a child sees when his eyes have become accustomed to the dark. (Let's Read-and-Find-Out Series)

Tannenbaum, Harold and Nathan Stillman. We Read About Fire and How It Is Used. Webster. $.36, Gr. 2-4. Children learn why things burn and what components are necessary to make fire. Many safety hints are included.

We Read About Sounds and How They Are Made. Webster. $.36, Gr. 2-4. Stimulating text and illustrations show how vibrations travel through air, water and the earth to reach our ears as sound.

We Read About Very Tiny Living Things (Microbes). Webster. $.36, Gr. 2-4. About the many plants and animals that are invisible to the naked eye, and their beneficial as well as harmful effects. Explanation of the use of the lens and microscope.

What friction is and how it works for us and against us.

Wong, Herbert H. and Matthew F. Vessel. Our Terrariums. Addison-Wesley, 1969. In the excitement of catching and keeping a toad, the children learn how plants, animals and climate interact.

The Reason Why books, authored by Irving and Ruth Adler, have a grade 2 reading level (interest level — grades 3-6). The books are 48 pages and 6¾ x 8¾.
The price per title is $2.97. Each book emphasizes the "why" of a particular science and provides in-depth explanations of fundamentals. The John Day Company, Inc.

Atoms and Molecules, 1966
The Calendar, 1967
Coal, 1965
Communication, 1967
Directions and Angles, 1969
Evolution, 1965
Fibers, 1964
Heat, 1964
Houses, 1964
Irrigation, 1964
Machines, 1964
Magnets, 1966
Numerals (New System), 1964
Sets, 1967
Shadows, 1961, rev. 1968
Taste, Touch and Smell, 1966
Tree Products, 1966
Your Ears, 1966
Your Eyes, 1966
THIRD GRADE READING LEVEL
(Interest level indicated with each book)

ANIMALS - DOMESTIC

Adrian, Mary. The American Mustang. Hastings, 1964. 64 pp. $3.50, Gr. 2-5.
Excellent illustrations point up the importance of conservation. In "Preserve Our Wildlife Series."

Profusely illustrated but not a picture book.

Color illustrations.

A story of a shy ewe and her baby lamb, with scientific accuracy in detail, flowing reading, and fascinating photographs.

Lauber, Patricia. The Story of Dogs. Random, 1966. $2.95, Gr. 3-6.
A boy's best friend, and a girl's too.

Forty types of dogs are described and illustrated.

Brief, interesting factual information is given about forty individual dogs, with color illustrations. Book size 10 x 8.

The history and description of all major breeds of horses, written in simple text with full color illustrations by the author. Book size 10 x 8.

ANIMALS - GENERAL

Adrian, Mary. The American Alligator. Hastings, 1963. 64 pp. $3.50, Gr. 2-5.
Unknown and little understood, this animal needs to play its part in our ecology.

Exciting and informative story of a red bat, from birth through maturity.

Aruego, Jose. Symbiosis. Scribners, 1970. 40 pp. $3.65, Gr. 2-5.
A delightfully entertaining book about amazing pairs of animals that help one another.

Brough, Glenn O. After the Sun Goes Down. McGraw, 1956. 48 pp. $2.50, Gr. 3-5.
Some of the forest animals and birds are shown in their pursuits after dark.

How zoo animals are housed, fed and trained.

The hazardous life of a mouse.

Thirteen true stories of baby animals that grew up at the Bronx Zoo, many photographs.

Simple, lively stories of nine favorite animals in the Bronx Zoo, with 64 photographs.

Buff, Mary and Conrad. Forest Folk. Viking, 1962. $3.00, Gr. 3-5.
Three-year-old Dash is ready to become king of the forest.

The fascinating story of Atu, a polar bear, and his struggle to survive in the Arctic World.

Collins, Henry Hill, Jr. Junior Science Book of Turtles. Garrard. 64 pp. $2.50, Gr. 2-5.
Describes many kinds of turtles, from tiny house pets to the zoo pound alligator snapping turtle.
ANIMALS - GENERAL CONTINUED

Crosby, Alexander L. Junior Science Rook of Beavers. Garrard, 1963. 64 pp. $2.50, Gr. 2-5. The beaver is not only an engineer but also a master builder who can change the whole course of waterways to suit his needs.

Darling, Louis. Kangaroos and Other Animals With Pockets. Morrow, 1958. 64 pp. $3.14, Gr. 3-8. Brief, simple introduction to the life and habits of these animals, well illustrated by the author.

Garrard, 1956. 64 pp. $3.14, Gr. 3-6.

The beaver is not only an engineer but also a master builder who can change the whole course of waterways to suit his needs.

Darling, Louis. Ka'aroos and Other Animals With Pockets. Morrow, 1958. 64 pp. $3.14, Gr. 3-17. Simple introduction to the life and habits of these animals, well illustrated by the author.


Foxes in the Woodshed. Scribners, 1966. 48 pp. $3.11, Gr. 2-4. Delightful photographs illustrate a humorous story, full of scientific facts carefully detailed.

The Curious Raccoons. Scribners, 1968. 48 pp. $3.31, Gr. 2-5. In remarkable photographs, the author shows the spontaneous and natural behavior of a mother raccoon.

The Misunderstood Skunk. Scribners, 1969. 48 pp. $3.31, Gr. 2-5. With striking photographs and entertaining informative text, the skunk is shown to be appealing and even helpful.


Hutchins, Rose E. Adelbert the Penguin. Rand, 1969. 64 pp. $3.95, Gr. 2-5. Illustrations on every page make the fast-moving simple prose easy to understand.


Marvelous Mammals: Monotremes and Marsupials. Prentice, 1963. $3.75, Gr. 3-8. The title is difficult but awakens curiosity which the flowing prose and fine illustrations satisfies.

Lauber, Patricia. Penguins. Garrard, 1963. 64 pp. $2.10, Gr. 2-5. The curious habits of these strange birds, illustrated in excellent photographs.


Eats: Wings in the Night. Random, 1968. $1.95, Gr. 3-6. Illustrations and drawings explain the scientific truths about these strange creatures.

Lemon, Robert S. Junior Science Book of Big Cats. Garrard. 64 pp. $2.50, Gr. 2-4. This fact-filled book tells about modern cats and prehistoric cats, jungle cats and pet cats.
ANIMALS—GENERAL CONTINUED

Jacobs, Lou, Jr. Four Walruses. Scott, 1969. $3.95, Gr. 2-6.
A photographic book about how four walruses were captured and grew up in an oceanarium.

Illustrated every page in three colors. Easy paragraphs describe the life of the emperor penguins.

Growth and change, in terms of animals' coverings, clearly presented.

A life-cycle story of one of the most common reptiles. Illustrated in color.

A mother skunk and her babies are followed through the spring and summer, profuse drawings.

Well-written and beautifully illustrated story of the first year of this deer's life.

A simple, direct narrative and attractive drawings by the author describe the life cycle of this creature with scientific accuracy and enjoyment for the reader.

Van Gelder, Richard O. Bats. Follett, 1967. 32 pp. $1.00, Gr.3-7.
The many species of bats, their lives, habits, and relation to man, explained interestingly with many colored pictures.

Zim, Herbert S. Monkeys. Morrow, 1955. $2.00, Gr. 2-5.
How different kinds of monkeys differ from one another and how they are alike. Simple writing.

ASTRONOMY

Astronomical concepts, the immensity of the universe, and astronomical history is made comprehensible, with attractive informative illustrations.
ASTRONOMY CONTINUED

Simple vocabulary, good type, diagrams, pictorial graphs, and conjectural
drawings carry a surprising amount of information with high interest.

Follett, 1968. 32 pp. $1.00, Gr. 3-6.
Up-to-date sophisticated astronomy made vivid with good color photographs.
Vocabulary lists and Things-To-Do.

Revised edition, taking into account the latest developments, with
scientifically accurate and very colorful new illustrations to keep
interest high.

All about the moon, and why we want to send astronauts there; illustrations
in color make it vivid.

Revised edition, taking into account the latest developments, with
scientifically accurate and very colorful new illustrations to keep
interest high.

An explanation of the stars that constitute this well-known group.
(Read-and-Find-Out series)

Discusses the size of the moon, its distance from the earth, and explains
the reasons for its phases.

Crosby, Phoebe. Junior Science Book of Stars. Garrard. 64 pp. $2.50, Gr. 2-5.
Enjoyable, well-illustrated story of the stars and constellations, the
planets, the moon, and the Milky Way.

Fenton, Carroll. The Moon for Young Explorers. Day, 1963. 64 pp. $2.86, Gr. 2-5.
Describing an imaginary trip to the moon, the author brings out important
scientific facts about the moon.

Lauber, Patricia. All About the Planets. Random, 1960. 140 pp. $2.95, Gr. 3-8.
Simple flowing paragraphs relate scientific facts, with many illustrations
and diagrams.

The operating principles and a brief history of the rockets, with many
diagrams and illustrations in vivid colors.

Rey, Hans Augusto. Find the Constellations. Houghton, 1954. 72 pp. $3.00,
Gr. 5-12. About the constellations and how they look in the sky, giving
facts about the solar system and space travel.

Schneider, Herman and Nina. You Among the Stars. Scott, 1951. $2.50, Gr. 3-5.
An easily read picture book which gives a concept of the universe in
children's own terms.

24 pp. $0.92, Gr. 2-4. An intriguing topic, carefully written and
illustrated.

$5.00, Gr. 3-8. Colorful illustrations and information about stars,
moon, sun and planets.

BIRDS

Adrian, Mary. The American Eagle. Hastings, 1963. 44 pp. $3.50, Gr. 3-5.
In "Preserve Our Wildlife Series." The dangers in the life of an eagle
show us how important it is to protect it.

Gr. 3-6. Intriguing story of how he roamed the fields and forests of
early America, painting bird and animals.

The songs, calls and outstanding characteristics of twenty-seven birds.
Color illustrations.
BIRDS CONTINUED

Crosby, Alexander L. Canada Geese. Garrard, 1966. 64 pp. $2.19, Gr. 2-5.
The life of a great water-fowl is described, beautifully illustrated.

A naturalist's accuracy combined with charm and drama.

Vivid pictures every page make the dramatic story of the dangers that beset the woodcock come to life.

The Owl and the Prairie Dog, Scribners, 1969. 32 pp. $3.31, Gr. 2-4.
The life cycle of a prairie owl living in a prairie dog town appealingly told.

Young Eagle. Scribners, 1965. 48 pp. $3.63, Gr. 3-6.

Oil and water do not mix, and the child will understand this from the experiment he is shown.

Illustrated every page by photos by the author. The Araucana chickens who lay eggs in colors. Hatching out an egg in the classroom.

Pigeons Everywhere. Scribners, 1967. 64 pp. $3.31, Gr. 2-4.
Lively, simple, but scientifically accurate account of life cycle of this bird including rare varieties and racers.

(Follett Beginning Science Series)

The author looks at the historical origins of migrations and the need to find food, and how birds navigate. Colored pictures.

The simple life history of a pair of screech owls and their four young. Beautiful illustrations.

Accurate scientifically, with drawings by the author that are personifications of beauty and realism.

Pierce, Georgia. Bird Life. Garrard, 1967. 64 pp. $2.19, Gr. 2-5.
How to build nesting houses and bird feeders; kinds of food to put out.

Illustrated every page in full color with sharp detail, the short easy reading on each page will be doubly enjoyed.

Life-cycle account typical of all chicken-like birds.

Scientifically accurate story of the insect-devouring migratory swallow.

Downy Woodpecker. Holiday, 48 pp. $2.50, Gr. 2-4.
A downy's life: hunting food, nesting, mating, color illustrations.

Bird feeding and migration developed through an interesting family story, easy to read and fun.

Authenticated, up-to-date scientific information especially written for controlled vocabularies, with full color illustrations.

Follows a flock of migrating birds through a series of vastly different environments.

Wright, Dare. Look At a Gull. Random, 1967. 48 pp. $2.95, Gr. 3-8.
Beautiful photos by author complement the simple but very informative text.
BIRDS CONTINUED

Zim, Herbert S. Owls. Morrow, 1950. $2.00, Gr. 3-6.
About the habits and characteristics of owls and told in an interesting way.

Zim, Herbert S. Parakeets. Morrow, 1953. $2.00, Gr. 2-6.
Black and white drawings show parakeets; text tells how to raise and train them.

CONSERVATION


Dobrin, Norma. About Foresters. Helmont, 1962. 32 pp. $2.50, Gr. 3-6. Stresses the value of forests and the importance of conserving both them and their resources.

Hutchins, Rose E. The Last Trumpeters. Rand, 1967. 64 pp. $.50, Gr. 2-5. The story that points up the need for conservation.

Peterson, Ottis. Water. Garrard, 1966. 64 pp. $2.19, Gr. 2-5. In easy sentences structure, the child learns how water is used, misused, and sometimes shamefully wasted.

Smith, Frances C. The First Book of Conservation. Watts, 1954. 68 pp. $1.95, Gr. 4-12. How we can help to save our natural resources.

EARTH STUDIES


Barlowe, Sy. Oceans. Follett, 1968. 32 pp. $1.00, Gr. 3-6. Simple oceanography and marine biology made lively and interesting through easy text and handsome full-color illustrations by the author.

Bartlett, Margaret F. Where the Brook Begins. Crowell. 40 pp. $2.50, Gr. K-3. The different ways a brook may start; how big brooks come from the meetings of little brooks. (Let's Read-and-Find-Out Series)

Bendick, Jeane. The Shape of the Earth. Rand, 1965. 80 pp. $2.95, Gr. 3-6. Accurate and informative, made easy to understand with profuse illustrations and diagrams.

Bendick, Jeane. The Wind. Rand, 1964. 80 pp. $2.95, Gr. 3-6. Interesting facts told in short units, often gay and humorous.

Blough, Glenn. Discovering Dinosaurs. McGraw, 1960. 48 pp. $3.50, Gr. 3-6. Descriptions of these animals, with the story of how men unearth the fossils that tell us about them.


Buck, Margaret Waring. In Ponds and Streams. Abingdon, 1955. 72 pp. $1.75, Gr. 6-12. A factual account of creatures and plants that live in the water.

Buck, Margaret Waring. In Woods and Fields. Abingdon, 1950. 96 pp. $1.75, Gr. 3-6. An instructive book of children who are interested in things of the field and forest.

Carona, Philip B. *Earth Through the Ages*. Follett, 1968. 32 pp. $1.00, Gr. 3-6.  
History of our planet from its birth to the appearance of living things. Helpful and vivid color illustrations.

Follett, 1967. 32 pp. $1.00, Gr. 3-6.  
What's inside the earth; how rocks and soil are formed.

Composition of soil, its vital importance, and the need to conserve it, made vivid with color illustrations.

Crosby, Alexander L. *Pond Life*. Garrard, 1964. 64 pp. $2.19, Gr. 2-5.  
The amazing variety of animals and plants in an ordinary pond is described, with their habits. Well illustrated.

Where rocks come from, where to look for interesting rocks and how to identify and mark them as specimens.

Byrd's career in exploring polar expanses is a fascinating introduction to the ecology of these areas.

Attractive well written text with simple experiments and full-color illustrations, up-to-date and interesting.

Feravolo, Rocco V. *Junior Science Book of Weather Experiments*. Garrard, 1963. 64 pp. $2.50, Gr. 2-5.  
This book helps children understand the weather and gives instructions for making simple instruments and performing experiments.

Follett, Dwight. *Little Creek, Big River*. Follett, 1961. 32 pp. $1.00, Gr. 3-6.  
An interesting account of the course of a river as it joins the great ocean.

Freeman, Ira and Sean Morrison. *Where the Rain Comes From*. Random, 1969. $3.95, Gr. 2-4.  
The water cycle simply explained.

Goetz, Delia. *The Arctic Tundra*. Morrow, 1958. 64 pp. $3.25, Gr. 3-6.  
The story of how plants and animals adapt to the changing seasons captures the feeling of brooding space and silence in this remote land. Beautiful illustrations.

*Deserts*. Morrow, 1956. 64 pp. $3.25, Gr. 2-6.  
Life on the desert presented with clarity, simplicity and elegance. Colored illustrations nearly every page.

*Grasslands*. Morrow, 1959. 64 pp. $3.25, Gr. 3-7.  
How man and grasslands change each other. Prairies, steppes and savannas, beautifully illustrated in flowing green.

*Swamps*. Morrow, 1961. 64 pp. $3.14, Gr. 2-6.  
Every page illustrated in soft green tones. The mysterious and unknown world of swamps and their inhabitants comes alive.

*Tropical Rain Forests*. Morrow, 1957. 64 pp. $3.25, Gr. 2-6.  
Plant, animal and human life, vividly presented in easy text and meaningful drawings; information in its most enticing form.

An attractively illustrated introduction to what salt really is, together with simple experiments.

Greene, Carla. *How to Know Dinosaurs*. Bobbs-Merrill, 1966. $3.50, Gr. 3-6.  
Using simple text and concise pictures, the author explains the development of animal life and the evolution and characteristics of various dinosaurs.

Easy reading young science book; how tides are made and what they do.

24 rocks and gems, easy description, full color every page, large pictures of each type.

An imaginative introduction to geography from which a child will learn his own relationship to the physical world.
EARTH STUDIES CONTINUED

Huntington, Harriet E. *Let's Go to the Brook.* Doubleday, 1952. 89 pp. $2.75, Gr. 4-12. Information about water and the life in it.

Irvin, Robert. *Hurricanes and Twisters.* Knopf, 1955. 143 pp. $2.50, Gr. 5-12. All about hurricanes and twisters, how they are formed and the damage they do.


Larrick, Nancy. *Junior Science Book of Rain, Hail, Sleet and Snow.* Garrard, 1969. 64 pp. $2.50, Gr. 2-5. This book helps boys and girls to identify the various formations of clouds and what they foretell.

Lauber, Patricia. *Volcanoes.* Garrard, 1965. 64 pp. $2.19, Gr. 2-5. The awesome forces that create volcanoes are described in this well illustrated book.

---

May, Julian. *The Big Island.* Follett, 1967. 32 pp. $3.00, Gr. 3-7. The ecology of Isle Royale, a wilderness national park in Lake Superior, is interestingly told, and beautifully illustrated. Book size 10" x 8".

---


Polgreen, John and Cathleen. *The Earth in Space.* Random, 1963. 96 pp. $2.95, Gr. 2-6. Written in "we" style, as an imaginary trip in space, with profuse illustrations and diagrams.

Ravielli, Anthony. *The World Is Round.* Viking, 1963. 48 pp. $3.50, Gr. 3-6. Why it seems flat, and how we know it is round.

---

Ross, George Maxim. *What Did the Rock Say?* Holiday, 1970. 64 pp. $3.95, Gr. 2-4. The mood is one in which the voices of nature are overheard in the changing seasons, told in gentle poetic words, with water color paintings.


---

Schneider, Herman and Nina. *Rocks, Rivers, and the Changing Earth.* W. R. Scott, 1952. 181 pp. $3.00, Gr. 6-12. How the earth is changing, showing experiments involving the workings of the world.


Selsam, Millicent. *See Through the Jungle.* Harper, 1957. 52 pp. $2.50, Gr. 3-6. A trip to the rain forests of a South American jungle, with color pictures.
EARTH STUDIES CONTINUED

Shannon, Terry and Charles Payzant. *About Caves*. Childrens Press, 1960. 48 pp. $2.50, Gr. 2-5. Illustrated on every page. Some important scientific facts are presented in a fascinating way.


Tangborn, Wendell V. *Glaciers*. Crowell, 1965. 40 pp. $3.50, Gr. 3-6. A well written, effectively illustrated introduction to glaciers and a basic foundation for understanding the earth.

Walsh, Mary. *Water, Water, Everywhere!*. Abingdon, 1953. 48 pp. $2.00, Gr. 5-9. Shows the need of water and its beauty in different places on the earth.

Walters, Marguerite. *Small Pond*. Dutton, 1967. 40 pp. $3.75, Gr. 3-5. A few paragraphs on each page tell the story of pond life through the year; B/w woodcuts on every page. Inviting.


*Pond Life: Watching Animals Grow Up*. Addison-Wesley, 1970. 40 pp. $4.35, Gr. 2-4. On three trips to the pond, two boys observe how animals grow, how mothers care for young, and discover metamorphosis.

Zinn, Herbert Spencer. *What's Inside the Earth?*. Morrow, 1953. Gr. 4-6. Description of what is inside a cave, a well, a mine, a mountain. Simple large print for young children; finer, detailed information for older ones. *Lightning and Thunder*. Morrow, 1952. $2.00, Gr. 3-6. Illustrations which explain the causes and effects of thunder and lightning. Print is large and style, simple.

ELECTRICITY - MAGNETS


*What Makes a TV Work?*. Little, 1965. 58 pp. $2.95, Gr. 3-8. The mystery is solved, with flowing prose and many diagrams.

Feravolo, Rocco V. *Junior Science Book of Electricity*. Garrard. 64 pp. $2.50, Gr. 2-5. Easy directions for experiments and clear illustrations explain how a battery works, how the electric switch works, what a fuse does, etc.

*Junior Science Book of Magnets*. Garrard. 64 pp. $2.50, Gr. 2-5. The fascinating subject of magnets and their strange powers, with step-by-step directions for all sorts of experiments.


Kaufman, Mervyn. *Thomas Alva Edison: Miracle Maker*. Garrard, 1962. 80 pp. $2.19, Gr. 3-5. The life of this famous experimenter and scientist opens the eyes of the reader to the wonders of applied scientific knowledge.

Knight, David. *Let's Find Out About Magnets*. Watts, 1967. 48 pp. $2.65, Gr. 3-5. Big ones as well as little ones are explained.


Pine, Tillie and Joseph Levine. *Electricity and How We Use It*. McGraw, 1962. 48 pp. $2.75, Gr. 2-5. What electricity is, what it can do, and much more; excellent drawings and diagrams.
ELECTRICITY - MAGNETS CONCLUDED

Schneider, Herman and Nina. Let's Look Inside Your House. W. R. Scott, 1953. 39 pp. $2.25, Gr. 3-10. Water, heat and electricity in our houses.

---More Power To You: A Short History of Power from the Windmill to the Atom. W. R. Scott, 1953. 128 pp. $2.50, Gr. 5-10. Different kinds of power engines--water, wind and steam--are explained and illustrated.

Waller, Leslie. Light. Grossett, 1968. $2.50, Gr. 2-4. Illustrations every page make comprehension easy.

FISH, AMPHIBIANS AND REPTILES

Allen, Gertrude E. Everyday Turtles, Toads, and Their Kin. Houghton, 1970. 48 pp. $3.50, Gr. 2-5. The life cycles of snakes, lizards and others are depicted with many sensitive illustrations.


Darby, Gene. What is a Frog? Benefic Press. $1.80, Gr. 2-4.

Earle, Olive L. Strange Lizards. Morrow, 1964. 64 pp. $3.14, Gr. 3-7. An excellent study packed with fascinating information, illustrated with sharp detail, vivid drawings. Much prose to a page but large print and good spacing.


Hawes, Judy. Why Frogs Are Wet. Crowell, 1968. 40 pp. $3.50, Gr. 3-6. How frogs can breathe on land and in water, and other fascinating details of frog life.

---What I Like About Toads. Crowell, 1969. 33 pp. $3.75, Gr. 2-5. How toads serve us; how they protect themselves; how they trick insects; and how their beautiful golden-flecked eyes serve them.

Hess, Lilo. The Remarkable Chameleon. Scribners, 1968. 48 pp. $3.12, Gr. 2-5. Using superb specimens from Africa, the author has recorded their life and habits in stunning photographs.


Schoenknecht, Charles A. Frogs and Toads. Follett, 1960. $1.00, Gr. 2-5. (Follett Beginning Science Series).

Schwartz, Elizabeth and Charles. When Water Animals Are Babies. Holiday, 1970. 36 pp. $4.50, Gr. 2-4. Simple text and colored illustrations show the habits and parental care of baby animals from whales to guppies.

Woods, Loren P. Fishes. Follett, 1968. 32 pp. $1.00, Gr. 3-7. With emphasis on the different habitats, the author introduces many kinds of lake, river, stream and even marine species. Beautiful illustrations.

Zim, Herbert S. Alligators and Crocodiles. Morrow, 1952. 62 pp. $2.00, Gr. 3-10. What man has known about alligators and crocodiles through the years; how and where they live and care for their young.

Frogs and Toads. Morrow, 1950. unp. $2.00, Gr. 3-8. An account of these amphibians, illustrated and interestingly told.

HEALTH


Borton, Helen. Do You Hear What I Hear? Abelard, 1960. 48 pp. $2.95, Gr. 1-4. Only a few lines of print, every other page. Illustrated by author.
HEALTH CONTINUED

Fascinating and fun. Only a few lines of print on every other page.
Illustrated by author every page.

Elgin, Kathleen. *Read About the Heart.* Watts, 1968. 56 pp. $2.95, Gr. 3-6.
Illustrated by the author, the heart becomes a familiar part of the body with its marvelous functions.

Epstein, Sherrie S. *Penny the Medicine Maker.* Lerner, 1961. $3.25, Gr. 2-6.
Although told in story form, the reader finds out just what a penicillin shot is and does.

Three woods-rumpled children decide to model their standard of cleanliness after animals and gather some very surprising information on the habits of rabbits, bats, badgers and birds.

Colorful and fascinating; diagrams help explain the ideas presented.

$3.95, Gr. 2-4. What every child should know, and is keenly interested in finding out.

A delightful presentation of the reason why some people have curly hair, with simple experiments and colorful illustrations.

Simple explanations help a child understand his health needs.

One of the common diseases of childhood explained so the child will understand it in a personal way.

Peter Gets the Chickenpox. Lerner, 1959. $3.25, Gr. 2-6.
Brightly illustrated and entertaining way of explaining what's happening inside the sick child, and what the doctor sees.

Paired animals are discussed carefully and the child is asked to decide which is which in the illustration.

An easy-to-read presentation of some important scientific facts, kept lively by cartoonlike illustrations.

Follow Your Nose. Crowell, 1963. 40 pp. $3.50, Gr. 2-5.
Bright bits of poetry mixed with simple prose and big colorful illustrations convey the scientific facts about the usefulness of the nose in speech, taste and smell.

Hear Your Heart. Crowell, 1968. 40 pp. $3.50, Gr. 3-6.
In clear simple writing and attractive illustrations (in red) the structure and workings of the heart are described.

Easy vocabulary, color illustrations and diagrams, and simple experiments explain the body parts and process of production of speech.

Your Skin and Mine. Crowell, 1965. 40 pp. $3.50, Gr. 2-5.
Scientific facts are presented by a close look at the skin of an Oriental, a Negro, and a Caucasian. Amusing and informative illustrations.

INSECTS - WORMS - SPIDERS

Soft pencil-like sketches illustrate the life cycles of six familiar insects.

Authenticated, up-to-date scientific information, controlled vocabulary, full color illustrations.
INSECTS - WORMS - SPIDERS CONTINUED

The life-cycles of many insects are presented, with little known and curious facts about them.

Darby, Gene. What is a Butterfly? Benefic Press. $1.80, Gr. 2-4.

DeSeyn, Donna E. Termite. Holiday, 1967. 48 pp. $3.50, Gr. 2-5.
A simple but accurate life-cycle story of a worker in a termite colony.

A common garden inhabitant is described by a nature-lover with a scientist's eye for detail, illustrated by author.

Foster, Virgil E. Close-up of a Honeybee. Scott, 1960. 64 pp. $3.75, Gr. 3-8.
Photos on every page; one to three paragraphs of smooth simple style prose.

Takes up in turn the diggers, the hunters, and the delivery men of the insect world showing how they are a boon to plant life rather than its destroyers. Illustrated in two colors.

How a spider makes silk to spin a web. Excellent illustrations make everything clear.

Every other page all color picture. A variety of butterflies.

Here Come the Bees! Scribners, 1960. 94 pp. $3.25, Gr. 2-5.
Not a picture book but well illustrated. Flowing style.

Harris, Louise D. Firefly. Little, 1966. $2.95, Gr. 1-3.

Hawes, Judy. Bees and Bee-lines. Crowell, 1964. 40 pp. $3.50, Gr. 3-6.
How bees learn to fly in a straight line, how they guide their flight, and how they use signal-dances to give each other flight directions.

Observation and experimentation bring out the origin of the fireflies' light and how they are useful to man.

A sprightly presentation supplemented by informative, eye-catching illustrations.

Watch Honeybees with Me. Crowell, 1964. 40 pp. $3.50, Gr. 2-6.
Scientific information is broken down to inviting bits, easily understood, color illustration clarify concepts.

Beautifully illustrated every page, half in color. Fifteen kinds of bees and wasps, described in one or two paragraphs.

Kinds of ant homes and their inhabitants and how they work; also how to keep ants.

Photographs and drawings. How insects develop from eggs and how they walk, jump, fly, see, hear, and eat.

Hutchins, Carleen. Moon Moth. Coward, 1965. 48 pp. $2.95, Gr. 2-5.
The life cycle of the female luna moth, in fictionized form.

Knight, David. Let's Find Out About Insects. Watts, 1967. 64 pp. $2.65, Gr. 2-6.
The nature and habits of many kinds of insects, in simple prose with fine illustrations on every page.

Easy to read and profusely illustrated.

Lane, Ferdinand C. All About the Insect World. Random, 1954. 141 pp. $1.95, Gr. 4-10.
Common and unusual insects are told about in non-technical language.

INSECTS - WORMS - SPIDERS CONTINUED

McClung, Robert M. **Ladybug.** Morrow, 1966. 48 pp. $3.25, Gr. 2-5.
Illustrations every page; large print, two or three paragraphs to a page. Dangers stalk the ladybug all its life.

Luna, the Story of a Moth. Morrow, 1957. 48 pp. $3.14, Gr. 2-5.
Beautiful illustrations by the author carry along the clear and interesting text.

Tiger, The Story of a SwallowTail Butterfly. Morrow, 1953. 48 pp. $3.25, Gr. 2-5. Easy flowing paragraphs, and beautiful illustrations by author, tell the life cycle of this lovely creature.

Roberts, Hortense Roberta. About Insects - Indoors and Out. Childrens Press, 1957. 32 pp. $2.50, Gr. 2-6. Insects included are the cricket, grasshopper, beetles, moths, butterflies, cockroaches and silverfish.

Sears, Paul M. **Firefly.** Holiday, 1956. 38 pp. $2.00, Gr. 3-8.
A life cycle story of the firefly.

Teale, Edwin W. Insect Friends. Dodd, 1955. 96 pp. $3.00, Gr. 5-12.
The world of insects with large, detailed pictures.


MACHINES - WORKMEN


Bendick, Jeanne. First Book of Airplanes. Watts, 1952. $1.95, Gr. 3-6.
Men who fly the planes tell through performance in an informal way about many different kinds of planes, including jets.

Bloch, Marie. Tunnels. Coward, 1954. $2.75, Gr. 3-6.
How tunnels are built, and the men who build them.

How wheels have helped man to progress through the ages.

A simple lucid explanation with scientific accuracy and illustrations and diagrams to keep interest high.

What Makes a Car Go? Little, 1963. 56 pp. $2.95, Gr. 3-8.
Well illustrated with many diagrams to make clear how motors function.

Feravolo, Rocco V. Junior Science Book of Flying. Garrard. 64 pp. $2.50, Gr. 2-5.
'What keeps a plane up in the air? Questions children ask are clearly answered in this easy reading book.'

Kaufman, Mervyn D. The Wright Brothers: Kings of the Air. Garrard, 1964. 80 pp. $2.19, Gr. 3-6. Applied scientific knowledge helped these two men, working as a team, to achieve a great goal.

Pine, Tillie and Joseph Levine. Simple Machines and How We Use Them. McGraw, 1964. 48 pp. $3.25, Gr. 2-5. Advanced science ideas are presented through discovery and simple text with excellent diagrams and illustrations.

Saunders, F. Wenderoth. Machines For You. Little, 1967. 58 pp. $3.95, Gr. 3-6.
Two or three paragraphs on a page with dynamic pictures and diagrams explaining the functioning of the modern monsters of work in city or outside.

Schneider, Herman and Nina. Now Try This. W. R. Scott, 1947. 40 pp. $2.25, Gr. 3-10. The use of wheels, ball bearings, oil, and friction in moving things from one place to another.

Sharp, Elizabeth N. Simple Machines and How They Work. Random. $2.19, Gr. 3-5.
The basic simple machines, and how they can make big ones.
Snyder, Don E.  *Danny's Glider Ride*.  Follett, 1968.  32 pp.  $1.00, Gr. 3-5.
In a high interest story, several principles of gliding are explained; fine illustrations help comprehension.


Victor, Edward.  *Machines*.  Follett, 1962.  32 pp.  $1.00, Gr. 2-5.  How the basic machines are used for work and play, and combined to make complex machines. Many illustrations.


Zim, Herbert S.  *What's Inside of Engines?*.  Morrow, 1953.  $1.75, Gr. 3-5.  Explanations about different kinds of engines and how they work.

---

**OCEAN LIFE**

Atwood, Ann.  *New Moon Cove*.  Scribners, 1969.  32 pp.  $3.89, Gr. 2-4.  With a poet's eye, the author views a small cove in California and shows its gallery of treasures.

Epstein, Sam and Beryl.  *Junior Science Book of Seashells*.  Garrard, 1963.  64 pp.  $2.50, Gr. 2-5.  There is a story behind every shell. This book also tells how to clean shells and how to classify, label, and arrange them.


Goetz, Delia.  *Islands of the Ocean*.  Morrow, 1964.  64 pp.  $3.25, Gr. 3-6.  Illustrations every page. The history and mystery of islands and their often strange inhabitants.

Goldin, Augusta.  *The Bottom of the Sea*.  Crowell, 1967.  40 pp.  $3.50, Gr. 3-6.  The scientific description of the contours of the sea bottom is enlivened by explanation of methods of exploring the ocean, including bathysphere and bathyscaphe.

---


Haves, Judy.  *Shrimps*.  Crowell, 1967.  40 pp.  $3.50, Gr. 2-6.  The various parts of the body, unique life cycle, food and travels are interestingly discussed, with delightful illustrations in color.

Hess, Lilo.  *Sea Horses*.  Scribners, 1966.  48 pp.  $3.12, Gr. 2-4.  An introduction to this strange little fish, with careful attention to scientific detail, and fascinating illustrations.


Jenkins, Marie M.  *Moon Jelly Swims Through the Sea*.  Holiday, 1969.  48 pp.  $3.95, Gr. 2-5.  The life cycle of a very unusual creature, with accurate details of development and growth.

Knight, David.  *Let's Find Out About the Ocean*.  Watts, 1970.  64 pp.  $2.95, Gr. 2-4.  Tides, wave motion, currents, underwater features, marine life are told in easy terms and language.

Lane, Ferdinand C.  *All About the Sea*.  Random, 1953.  148 pp.  $1.95, Gr. 4-10.  The sea and the life in it.

OCEAN LIFE CONTINUED

The life cycle of this strange creature; the illustrations make the text clear and easy.

Captivating reading and illustrations.

Gives practical advice on both salt and fresh water aquariums, in a competent fashion that a child can use.

Selsam, Millicent E and Betty Morrow. See Through the Sea. Harper, 1955. unp. $2.50, Gr. 4-9. Sea life is shown in this book from shore to the depths of the ocean.


Octopus. Holiday, 1968. 48 pp. $3.50, Gr. 2-5.
The life cycle story of the octopus of the Atlantic shores. Color illustrations.

Sea Horse - A Fish in Armor. Holiday, 1969. 48 pp. $3.50, Gr. 2-5.
This odd and fascinating creature has an interesting life cycle.

SEASONS

Craig, M. Jean. Spring Is Like the Morning. Putnam, 1965. 64 pp. $2.86, Gr. 2-5.
Artistic color illustrations plus accurate science told with feeling create for the reader the joy of springtime.

Summer Is a Very Busy Day. Putnam, 1967. 64 pp. $3.29, Gr. 2-5.
The magic of nature's processes in summertime.

Webb, Addison. Song of the Seasons. Morrow, 1950. $2.50, Gr. 3-5.
Wild animal life shown through the different seasons.

SPACE TRAVEL

A timely topic treated simply but with accuracy. Recently revised.

Simple reading full of facts. Drawings, simple diagrams and illustrations on every page.

A simple explanation of satellites, what they do, the ones that have been launched and the satellites of the future.

Differentiates rockets and satellites and creates a visual feeling for space. (Let's Read-and-Find-Out Series)

Chester, Michael. Let's Go to the Moon. Putnam, 1965. $2.29, Gr. 3-6.
Interesting to all youngsters and presented in easy text.

Corson, Hazel. Peter and the Moon Trip. Benefic Press, $2.60, Gr. 3-5.

Peter and the Rocket Ship. Benefic Press, $2.60, Gr. 2-6.

Peter and the Two-Hour Moon. Benefic Press. $2.60, Gr. 2-6.
These are exciting stories about the son of a space scientist. Books develop many scientific principles and concepts.

Fenton, Carroll Lane. The Moon for Young Explorers. John Day, 1963. 64 pp. $3.00, Gr. 2-3. A "let's suppose" adventure combined with scientific theory and fact.

Sasek, Miroslav. This is Cape Kennedy. Macmillan, 1965. $4.95, Gr. 3-8.
An up-to-date account of timely interest.
SPACE TRAVEL CONTINUED


(Follett Beginning Science Series)

TREES AND PLANTS


Allen, Gertrude E.  *Everyday Wildflowers*.  Houghton, 1965.  48 pp.  $2.73, Gr. 2-4.  The flowering and seeding of seven common wild flowers like the violet and Queen Anne's lace; sketches.


The apple, maple, willow, birch, oak, pine and fir are introduced via the characteristics a child associates with each.


Bulla, Clyde Robert.  *A Tree is a Plant*.  Crowell.  40 pp.  $2.50, Gr. K-3.


Darby, Gene.  *What Is a Tree?*  Benefic Press.  $1.80, Gr. 2-4.

Dickinson, Alice.  *The First Book of Plants*.  Watts, 1953.  91 pp.  $1.95, Gr. 5-10.

Plant life is briefly explained.


How topsoil helps plants, how it is created and worn away.  Color illustrations nearly every page.


Well written and well illustrated, this book will encourage wider reading on the topic.


How seeds are carried from place to place presented in a stimulating and imaginative manner.  (Let's Read-and-Find-Out Series)


A topic not often covered, in simple text and fine illustrations.


Well illustrated.


Lemmon, Robert S.  *Junior Science Book of Trees*.  Garrard.  64 pp.  $2.50, Gr. 3-5.

The drama of nature is vividly portrayed.  Illustrations help children become familiar with identifying features of the various trees.


A most unusual book, illustrated by leaf rubbings in true color on each page.  It explains a great deal about each kind of tree, in easy sentences and paragraphs.


Sharply detailed illustrations on every page in full color make this description of 18 common trees fascinating.

Selsam, Millicent.  *Play With Plants*.  Morrow, 1949.  $2.00, Gr. 3-7.

Experiments can be performed with plants from information given about how plants grow, use water, and respond to light.


An instructional book about growing plants indoors in winter, with much plant science interwoven.
Wong, Herbert H. and Matthew F. Vessel. *Plant Communities: Where Can Cattails Grow?* Addison-Wesley, 1970. 40 pp. $1.35, Gr. 2-4. When cattails are brought to school, their seeds must find their way back to a favorable environment. Written in discovery style.


**ADDITIONAL SCIENCE TOPICS**

Aliki. *My Five Senses.* Crowell. 40 pp. $2.50, Gr. K-3. Helps the child to recognize each individual sense, and to see how they combine to form a single impression. (Let's Read-and-Find-Out Series)

Anderson, Dorothy. *Junior Science Book of Sound.* Garrard. 64 pp. $2.50, Gr. 2-5. Simple and accurate explanations of the many "whys" of sound, with easy experiments.

Bartlett, Margaret F. *Exploring the Everyday World.* Meredith, 1968. $3.95, Gr. 3-6. Simple experiments that help a child discover scientific principles.


Bendick, Jeanne. *Shapes.* Watts, 1968. 72 pp. $2.95, Gr. 2-6. Using the process approach, the reader discover shapes, dimensions, measurement and classification.

. *Space and Time.* Watts, 1968. 72 pp. $2.95, Gr. 3-6. Basic principles of time and space and their interrelationship.

Borton, Helen. *Do You See What I See?* Abelard, 1959. 48 pp. $2.95, Gr. 1-4. Fascinating and easy. Only a few lines of print every other page. Illustrated by author every page.

Branley, Franklyn. *High Sounds, Low Sounds.* Crowell, 1967. 40 pp. $3.50, Gr. 3-5. The process by which vibrations are interpreted into meaningful sounds is skillfully described, with simple experiments.


. *North, South, East, and West.* Crowell, 1966. 40 pp. $3.50, Gr. 3-5. The real meaning of left and right, up and down; position of rising and setting sun as guide to direction; and the magnetic compass.

Bronowski, Jacob and Millicent Selsam. *Biography of an Atom.* Harper, 1965. 48 pp. $2.95, Gr. 3-6. Illustrations and diagrams on every page plus simple sentence structure make explanations easy to understand.


Epstein, Sam and Beryl. *George Washington Carver: Negro Scientist.* Garrard. 80 pp. $2.50, Gr. 2-5. A memorable picture of a great American who became a world famous teacher and scientist is simply presented.


Feravolo, Rocco V. *Junior Science Book of Light.* Garrard. 64 pp. $2.50, Gr. 2-5. Basic scientific information about all the fascinating aspects of light, with simple experiments.

ADDITIONAL SCIENCE TOPICS CONTINUED

Freeman, Mae and Ira. *Story of the Atom.* Random, 1960. $2.95, Gr. 3-5. Well illustrated, many diagrams.

Freeman, Mae and Ira. *Story of Chemistry.* Random, 1962. $2.95, Gr. 3-6. Many diagrams and illustrations.

Guy, Anne Welsh. *A Book of Tails.* Steck, 1957. 48 pp. $2.50, Gr. 1-4. Illustrated on every page, this book shows how animal and bird tails have special uses. Fun!

Guy, Anne Welsh. *A Book of Tongues.* Steck, 1960. 48 pp. $2.50, Gr. 1-4. Illustrated on every page, this tells the story of strange animal and bird tongues and their fascinating uses.


Kramer, Bettina Leonard. *About Cave Men of the Old Stone Age.* Melmont, 1955. 36 pp. $2.50, Gr. 2-6. A brief picture of man's culture from 100,000 B.C. to 16,000 B.C.


Latham, Jean Lee. *George W. Goethals: Panama Canal Engineer.* Garrard, 1965. 80 pp. $2.19, Gr. 3-6. His feats show how the application of scientific knowledge can conquer the forces of nature.

Lietz, Gerald S. *Bacteria.* Garrard, 1964. 64 pp. $2.19, Gr. 2-5. This well illustrated book describes man's best friend and worst enemy.

May, Julian. *The First Men.* Holiday, 1968. 40 pp. $3.95, Gr. 3-5. Primitive man and his development, accurate and up-to-date, in easy reading that leads to quick comprehension.

Milgrom, Harry. *Adventures with a String.* Dutton, 1965. 32 pp. $3.50, Gr. 1-3. Learning by doing is fun, and it is easy to understand the tensile strength of different types, and the changes in sound under different conditions of length and stress.


Pine, Tillie and Joseph Levine. *Friction All Around.* McGraw, 1964. 48 pp. $2.50, Gr. 2-5. What it is, how it wears away objects, how it creates heat; fine illustrations.


Schneider, Nina and Herman. *Let's Find Out.* W.R. Scott, 1946. 38 pp. $2.25, Gr. 3-8. Some basic scientific principles are explained and illustrated by means of experiments.
ADDITIONAL SCIENCE TOPICS CONTINUED


Stockard, Jimmy Jr. Experiments for Young Scientists. Little, 1964. $2.95, Gr. 3-8. Interesting experiments to do at home, using materials that are easy to find.

Ubell, Earl. The World of the Living. Atheneum, 1965. 42 pp. $3.25, Gr. 3-6. Illustrated with photos on every page. Interesting facets of the battle for life at many levels, from fungi to man.


Lowery, Lawrence and Carr Albert. I Wonder Why Series. (24 books). Holt, Rinehart & Winston. 1969. $54.99 per set. Wide range of readability and interest level. Soft As a Bunny (sense of touch), What Does An Animal Eat?, Sounds are High--Sounds are Low, What Can An Animal Do?, How Does the Wind Blow?, Peter and the Rocks, Up-Up In a Balloon, Clouds Rain--Clouds Again, How Tall Was Milton? (standard unit of measure), Light and Colors, Silence or Sound, Tommy's Turtle, Quiet As a Butterfly, Sweet As a Rose, Dark As a Shadow, A Tree of Our Own, Teddy the Taster, Larry's Racing Machine, The Tree by David's House, Look and See, How Does a Plant Grow, Looking For Animals, I Like Rubber--I Like Glass, Animals Two by Two.
ANIMALS - DOMESTIC

Dennis, Wesley. *Tumble, the Story of a Mustang*. Hastings, 1966. $3.50, Gr. 3-6.  A book for girls as well as for boys.


ANIMALS - GENERAL


Byrd, Ernestine. *Tor, Wyoming Bighorn*. Scribners, 1969. 64 pp. $3.63, Gr. 4-7.  The life of a male bighorn from birth through danger and learning to maturity, told dramatically and with a wealth of scientific detail.

Darling, Louis. *Seals and Walruses*. Morrow, 1955. 64 pp. $3.14, Gr. 3-6.  Well-organized most readable discussion, with fine illustrations by the author.

Earle, Olive L. *Strange Companions in Nature*. Morrow, 1966. 64 pp. $3.14, Gr. 3-7.  Sharply-detailed and fascinating illustrations by the author, and large print with good spacing makes this book easy and fun.


Foxes Live Here*. Doubleday, 1966. 59 pp. $3.50, Gr. 2-5.  One year in the life of a family of foxes, beautifully illustrated with rare photographs.


George, Jean Craighead. *The Moon of the Wild Pigs*. Crowell, 1968. 39 pp. $3.75, Gr. 3-6.  On a hot July day on Arizona's Sonoran Desert, a young peccary searching for his mother encounters many other creatures.

*The Moon of the Alligators*. Crowell, 1969. 40 pp. $3.75, Gr. 4-8.  October and man's draining of part of the swamp bring danger to this swamp inhabitant.

*The Moon of the Bears*. Crowell, 1967. 42 pp. $3.75, Gr. 3-8.  In the Smoky Mountains of Tennessee, February brings the first signs of spring, the awakening of the hibernating black bear and the birth of her cubs.

*The Moon of the Chickarees*. Crowell, 1968. 42 pp. $3.75, Gr. 3-8.  In April, in Montana, the red squirrel young are born and begin a life of drama and danger.

*The Moon of the Deer*. Crowell, 1968. 39 pp. $3.75, Gr. 4-8.  September in the Connecticut tidal marsh is the moon of storm and hurricane that threaten the survival of a young spike-buck.
ANIMALS - GENERAL CONTINUED

The Moon of the Fox Pups. Crowell, 1968. 42 pp. $3.75, Gr. 3-8. June in the beautiful Cumberland Mountains of Pennsylvania finds fox pups learning the lessons of survival from their parents.


The Moon of the Mountain Lions. Crowell, 1968. 39 pp. $3.75. The Pacific Northwest on Washington's Mount Olympus is the setting for this unusual account of one night in the life cycle of a mountain lion.

Cohen, Daniel. Night Animals. Julian Messner, 1970. 96 pp. $3.64, Gr. 4. A noted science writer discusses the behavior patterns of night animals in the forest, the jungle, on the desert, in the sea, in the city—covering the biological alarm clock, the eyes of night, ‘seeing’ with ears, muscle memory, luminescence, bird migration.

Greene, Carla. A Trip to the Zoo. Lantern Press, 1962. $2.75, Gr. 2-4. Information about the origin, habits, and characteristics of the various animals which makes the zoo a meaningful place as well as an amusing one.


Mason, George. Animal Sounds. Morrow, 1948. 96 pp. $2.25, Gr. 5-10. One who knows the sounds of animals, birds, and insects brings the reader into the outdoors through this book.

May, Charles Paul. Bats. Meredith, 1969. $4.95, Gr. 4-7. Legends and stories lead up to current research and knowledge.

McClung, Robert H. Stripe, the Story of a Chipmunk. Morrow, 1951. 48 pp. $2.00, Gr. 4-6. In large print, this gives information about habits and living place of a chipmunk.

Ripper, Charles L. Foxes and Wolves. Morrow, 1961. 64 pp. $3.25, Gr. 3-7. Superior treatment of animal ways; includes the coyote. Pictures with sharp details stimulate interest.

Woodchucks and Their Kin. Morrow, 1963. 64 pp. $3.25, Gr. 3-7. Sharply-detailed illustrations by the author on every page stimulate interest and explain the easy text.

Rounds, Glen. Lone Muskrat. Holiday, 1953. 124 pp. $2.50, Gr. 4-7. A wise old muskrat spends busy winter hunting food, escaping enemies, exploring ice-locked pond.

Selsam, Millicent E. How Animals Tell Time. Morrow, 1967. 96 pp. $3.50, Gr. 4-8. After establishing earth's rhythms, the author considers their effects on animals; fascinating well-illustrated answer to an intriguing old question.

The Language of Animals. Morrow, 1962. 96 pp. $3.50, Gr. 4-8. Animated and fascinating exploration of animal communication, profusely illustrated.

Weeks, Morris, Jr. Inside the Zoo. Simon, 1970. 96 pp. $4.50, Gr. 3-7. The fascinating and unusual problems that zoo-keepers and curators must deal with. Twenty-two photos.

ANIMALS - GENERAL CONTINUED

Walt Disney's Vanishing Prairie. Simon, 1955. 124 pp. $4.00, Gr. 5-12. This story depicts the struggle the prairie creatures have for survival. Has kodachromes.

Williamson, Margaret. First Book of Mammals. Watts, 1957. 62 pp. $1.95, Gr. 4-7. Mammals from all over the world are described and illustrated.

Zim, Herbert S. Dinosaurs. Morrow, 1954. 64 pp. $2.00, Gr. 4-12. Why dinosaurs became extinct and how we find out about what they were like when they lived are told in this book.

Elephants. Morrow, 1946. $2.00, Gr. 4-12. Many things about elephants, including how they live and how they are captured and trained.


Zistel Era. The Dangerous Year. Random, 1967. 106 pp. $2.95, Gr. 3-6. In easy flowing prose, the dangers in the first year of a baby skunk's life are vividly brought out.

Freschet, Berniece. Kangaroo Red. Scribners, 1966. 48 pp. $3.63, Gr. 4-8. Life is not easy for a kangaroo after he leaves his mother's pouch. Striking illustrations every page.

ASTRONOMY

Branley, Franklyn. A Book of Mars for You. Crowell, 1968. 57 pp. $3.95, Gr. 3-6. One by one the important facts about Mars are presented in relation to their counterpart on earth.

A Book of the Milky Way Galaxy For You. Crowell, 1965. 64 pp. $3.95, Gr. 3-8. Skillfully correlated text and drawings present the nature of our galaxy.

A Book of Outer Space for You. Crowell, 1970. 64 pp. $4.50. Illustrated in color. Outer space may be vast but it is not empty, and man has to make adjustments to this.

A Book of Stars for You. Crowell, 1967. 58 pp. $3.95, Gr. 4-8. The place of the solar system in the galaxy; the properties of stars.


The Christmas Sky. Crowell, 1966. 48 pp. $3.75, Gr. 3-8. Using material from his annual Christmas lecture at the Hayden Planetarium, the author has carefully woven scientific information around historical facts and passages from the Bible.


Freeman, Mae and Ira. Fun with Astronomy. Random, 1953. 58 pp. $1.50, Gr. 5-12. The earth, moon, sun and stars are described. Contains pictures and diagrams and some experiments to be done.

Grindhuts, Dirk. Stars on the Ceiling. Meredith, 1967. $2.05, Gr. 4-8. The planetarium and how it evolved, with illustrations by the author.

Heintze, Carl. Search Among the Stars. Van Nostrand, 1966. 175 pp. $4.50, Gr. 3-8. Thorough science written in easy sentence structure and flowing style.

Munch. What is a Solar System? Benefic Press. $1.80, Gr. 4-6. High interest, factual basic concepts and information.

Posin. What is a Star? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; basic concepts.
ASTRONOMY CONTINUED

Zim, Herbert S. Comets. Morrow, 1957. 64 pp. $2.25, Gr. 4-7.
This is the first children's book about comets. It gives information about earliest comets to those of the present time.

BIRDS

Burns, Aubrey. Bird Watching. Watts, 1968. 72 pp. $2.95, Gr. 4-8.
When and where and how to watch; equipment needed.

Darling, Louis. Penguins. Morrow, 1956. 64 pp. $2.00, Gr. 4-7.
About the life and habits of the interesting penguins.

Earle, Olive Lydia. Birds and Their Nests. Morrow, 1952. $2.00, Gr. 4-7.
Tells how 42 different birds build their nests, with items about the birds. Simple and well illustrated.

State Birds and Flowers. Morrow, 1951. 64 pp. $2.00, Gr. 3-8.
An account of the state flowers and birds.

Eberle, Irmengard. Robins on the Windowsill. Crowell, 1958. 48 pp. $2.75, Gr. 4-6. The adventures of a pair of robins through one season, with outstanding photographs.

Eimerl, Sarel. Gulls. Simon, 1967. $3.95, Gr. 3-6.
Illustrated with photos.

Flanagan, Gertrude. Window Into an Egg. Scott, 1969. $5.95, Gr. 3-7.
Using photographs, the day-by-day steps in the development of a chick from fertilization to hatching.


McClung, Robert H. Honker, the Story of a Wild Goose. Morrow, 1965. 64 pp. $3.14, Gr. 3-6. The habits and life cycle of this beautiful and interesting bird.

George, Jean Craighead. The Moon of the Winter Bird. Crowell, 1970. 40 pp. $3.75, Gr. 3-8. On the night of the winter solstice, with heavy snow due, a stay-behind sparrow in Ohio faces a struggle for survival.

Laycock, George. The Pelicans. Doubleday, 1970. 64 pp. $3.95, Gr. 2-4. Beautiful photographs. Why are the brown pelicans disappearing from the Louisiana and Texas area?

Ripper, Charles L. Diving Birds. Morrow, 1967. 64 pp. $3.25, Gr. 3-7. Birds that submerge to secure their food have unusual characteristics. Illustrations by author, nearly every page.

Ground Birds. Morrow, 1950. 64 pp. $3.25, Gr. 3-7.
Woodcocks, bobwhites, roadrunners, whippoorwills and others come to life in brief factual text in easy type, very profusely illustrated by the author.

Swallows. Morrow, 1964. 64 pp. $3.25, Gr. 3-7.
Purple martins and six different kinds of swallows become easily recognizable through simple descriptions and profuse, lively illustrations by the author.

Zim, Herbert S. Ostriches. Morrow, 1958. 64 pp. $2.50, Gr. 4-7.
A good account of the ostrich and how he behaves. Illustrations.

CONSERVATION

CONSERVATION CONTINUED

Adrian, Mary. The North American Bighorn Sheep. Hastings, 1966. 64 pp. $3.50, Gr. 4-8. In "Preserve Our Wildlife Series." Vivid presentation of the need for conservation practices before these animals become extinct.


Chester, Michael. Let's Go to Stop Air Pollution. Putnam, 1968. $2.29, Gr. 4-6. A timely topic, presented with fine illustrations.

_________. Let's Go to Stop Water Pollution. Putnam, 1968. $2.29, Gr. 4-6. Vivid illustrations and easy text bring out the importance of pure water.


DeWaal, E. John. The Shape of Living Things. Doubleday, 1969. 64 pp. $4.50, Gr. 3-6. Shapes of plants and animals serve for protection and also for attraction.

Freschet, Berniece. Beaver on the Sawtooth. Crowell, 1969. $3.50, Gr. 3-6. Forest rangers need a dam, and get a beaver to build it for them. The life of a beaver is presented.


_________. Wildlife in Danger. Coward, 1959. $3.49, Gr. 3-9. Photos of 29 species that are extinct or nearly so, with smooth flowing prose.

Harmer, Mabel. About Dams. Melmont, 1963. $2.50, Gr. 4-6. Deals with the need for dams, their construction, and their place in the conservation program. Photographs.

Russell, Solveig Paulson. About Saving Wild Life for Tomorrow. Melmont, 1960. 32 pp. $2.50, Gr. 3-8. The conservation ideas expressed are vital to the future of our country.


Shuttlesworth, Dorothy. Clean Air—Sparkling Water: The Fight Against Pollution. Doubleday, 1969. 96 pp. $3.95, Gr. 4-6. A vivid description of pollution, with information on how we are fighting it.

Syrocki, B. John. What Is Soil? Benefic. 48 pp. $2.20, Gr. 4-8. The composition of soil, how it is formed, and its value to man are brought out in greater depth by emphasis on basic scientific facts. Full-color illustrations.

EARTH STUDIES

Adler, Irving and Ruth. Air. Day, 1962. 48 pp. $2.68, Gr. 3-6. Concepts of weather and air functions are presented in clear, simple prose, with many illustrations and diagrams.

_________. The Earth's Crust. Day, 1963. 48 pp. $2.68, Gr. 3-6. How scientists discovered that the inside of the earth is solid, and how they are studying its composition.

_________. Storms. Day, 1963. 48 pp. $2.68, Gr. 3-6. All about the types of storms and what causes them. Many fine illustrations.

Baer, Marian E. Sound: An Experiment Book. Holiday, 1952. $2.50, Gr. 4-6. Sound, how it is produced and what happens to it.

Bell, Thelma Farrington. Snow. Viking, 1954. $2.50, Gr. 4-7. Describes snow and types of snowflakes, the use of snow and its dangers. Also tells of hail, frost and sleet.
EARTH STUDIES CONTINUED

Brindze, Ruth. The Story of the Trade Winds. Vanguard, 1960. 68 pp. $3.95, Gr. 4-8. Written in fascinating style; well illustrated in color.

Burt, Olive. First Book of Copper. Watts, 1968. 96 pp. $2.95, Gr. 4-8. History and folklore along with modern mining, many photos.

First Book of Salt. Watts, 1965. 72 pp. $2.95, Gr. 4-8. Illustrated nearly every page, mostly photos, and packed with information about salt and man.


Cormack, Maribelle. First Book of Stones. Watts, 1950. $1.95, Gr. 4-6. Where to find rocks, how to identify them, and how to make a collection.

Salt, Tom. Volcano. Scribner, 1946. $2.50, Gr. 4-6. About a volcano in Mexico and how it came "to life" in story style. Illustrated.

Coetz, Delia. Mountains. Morrow, 1962. 64 pp. $3.25, Gr. 4-8. A brief, clear account dealing with the formation, locations, climates and natural resources of mountains. Striking illustrations on almost every page.

Greene, Carla. After the Dinosaurs. Bobbs-Merrill, 1968. $3.50, Gr. 3-8. Describes, with simple text and concise pictures, each geological subperiod since the Tertiary and its animals.

Hagaman, Adeline P. What is Water? Benefic Press, 1960. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

Harris, Miles. Getting to Know the World Meteorological Organization. Coward, 1966. 64 pp. $2.95, Gr. 4-8. A topic important to help us understand how we know and communicate science information.

Keen, Martin L. Hunting Fossils. Julian Messner, 1970. 96 pp. $4.50. How fossil hunters decipher nature's messages in rocks to tell us about life millions of years ago when the earth, mountains, and seas were forming. Chapters for today's fossil hunters are valuable for the young person making his first explorations into this field.

Lightning and Thunder. Julian Messner, 1969. 96 pp. $4.50. "Early scientific studies of lightning phenomena, the nature of electricity, the origin and behavior of thunderstorms, types of lightning, and lightning safety are described in clear, accurate text amplified by diagrams and photographs..." ALA Booklist

Knight, David. First Book of Air. Watts, 1961. 72 pp. $2.95, Gr. 4-8. Scientific principles made easy to understand, with many drawings and diagrams.

Ladyman, Phyllis. Inside the Earth. Scott, 1970. $2.95, Gr. 4-8. A concise overview of the earth's internal structure and its effect on the surface.

May, Julian. Climate. Follett, 1968. 32 pp. $1.00, Gr. 3-6. The major climates of the world; the factors that affect them. Full color pictures and many diagrams.

Pilts. What Is Air? Benefic, 1960. $1.80, Gr. 4-6. Easy reading and high interest; factual, basic concepts.

Posin, Daniel. What Is a Dinosaur? Benefic. 48 pp. $2.20, Gr. 4-8. Basic scientific facts, simply expressed, bring out depth and further understanding of this interesting area.

Pough, Frederick H. All About Volcanoes and Earthquakes. Random, 1953. $1.95, Gr. 4-8. The causes and results of earthquakes and volcanoes and descriptions of some of the well known ones. Easy to read.

Reed, W. Maxwell. And That's Why. Harcourt. 104 pp. $2.95, Gr. 4-6. Explains, in an informal way, clouds, frost, fire and atoms, oil and rocks, thunder, music and air waves.
EARTH STUDIES CONTINUED

Sander, Lenore. The Curious World of Crystals. Prentice, 1964. 64 pp. $3.25, Gr. 4-8. Profuse sketches and diagrams; experiments as well as information.

Smith, Frances C. First Book of Mountains. Watts, 1964. 88 pp. $2.95, Gr. 4-8. Photos on nearly every page. How mountain areas affect the way people live.

What is a Rock? Benefic Press. $1.80, Gr. 4-6. High interest, easy reading; basic concepts.

What is Water? Benefic Press. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

Tannehill, Ivan Ray. All About the Weather. Random, 1953. 148 pp. $1.95, Gr. 5-12. Weather conditions, and how they are measured and predicted. Explained by an authority in the Weather Bureau.

What is the Sun? Morrow, 1953. 51 pp. $2.00, Gr. 4-12. What the sun is and how it affects life.

ELECTRICITY - MAGNETS

Adler, Irving and Ruth. Magnets. Day, 1966. 48 pp. $2.68, Gr. 3-6. Describes the many kinds of magnets found in the atom, on the earth and among the stars. Well illustrated.


What is Electricity? Benefic Press. $1.80, Gr. 4-6. High interest, easy reading; basic concepts.

FISH, AMPHIBIANS AND REPTILES

A simply told account of whales, by a scientist.

As a boy collects and cares for a variety of snakes, he needs scientific knowledge of their characteristics and habits.

George, Jean Craighead. Moon of the Salamanders. Crowell, 1967. 42 pp. $3.75, Gr. 7-8. In March the old salamander comes out from beneath a log in a Michigan forest and participates in a mating dance. Lively illustrations point up keen observations of nature.

Hogner, Dorothy Childs. Frogs and Pollinizers. Crowell, 1956. 68 pp. $2.50, Gr. 4-6. Physiology, anatomy and adaptations to environment of frogs, tadpoles and salamanders.

O'Neill, Mary. The White Palace. Crowell, 1966. 48 pp. $3.95, Gr. 3-7. With lively illustrations on every page, but not a picture book, the dangers that face the Chinook salmon every day of his life are described in fascinating style.

Scott and Weiscott. What is a Reptile? Benefic. 48 pp. $2.20, Gr. 4-8. Expansion of understanding of basic scientific facts about this interesting area. Full color illustrations.


Zim, Herbert S. Snakes. Morrow, 1949. $2.00, Gr. 4-12. About North American snakes and how snakes can be kept as pets.

HEALTH


Taste, Touch and Smell. Day, 1966. 48 pp. $2.68, Gr. 3-6. How the senses operate to bring us information. Well illustrated, many diagrams, "things to do" section.

Alexenberg. What is a Human? Benefic. 48 pp. $2.20, Gr. 4-8. Basic science concepts and principles are developed through concentration on simple basic facts and clear definitions with many illustrations.


Elgin, Kathleen. Read About the Brain. Watts, 1967. 54 pp. $2.95, Gr. 3-8. The major parts of the brain and how they work together to make man intelligent.

Read About the Ear. Watts, 1967. 54 pp. $2.95, Gr. 3-8. Its parts and how we hear.

Read About the Eye. Watts, 1967. 54 pp. $2.95, Gr. 3-8. The complicated structure of the eye is made understandable through excellent illustrations by the author.

Read About the Hand. Watts, 1968. 54 pp. $2.95, Gr. 3-6. The importance of the thumb; what the lines of the hand are; all about fingerprints.
HEALTH CONTINUED

King, Fred.  \textit{What is a Cell?} Benicfic. 48 pp.  $2.20, Dr. 4-8.
Structure, specialization in cells, reproduction and groups, all explained in simple basic statements with profuse illustrations.

The attractive illustrations show how the tools are used.  Can be read to younger children.

Lerner, Marguerite R.  \textit{Doctor's Tools.} Lerner, 1965.  $3.25, Gr. 3-9.
Simple descriptions of office and laboratory tools, with excellent illustrations.  Can be read to younger children.

Written simply and clearly by a science teacher, the text describes orderly series of changes that occur from the first moment of life and continue until an organism reaches maturity.

INSECTS - WORMS - SPIDERS

Fascinating and unusual information about how plants and insects are related, both friends and foes.

Well illustrated and interest-awakening.

42 pp.  $3.75, Gr. 3-6.  The arduous journey of this delicate creature from the Gulf of Mexico to the meadowlands of Canada.

\textit{Moon of the Owls.} Crowell, 1967.  42 pp.  $3.75, Gr. 3-6.
A great horned owl's nocturnal journey in the Catskill Mountains in January is lyrically told with beautiful illustrations.

Hogner, Dorothy Childs.  \textit{Earthworms.} Crowell, 1953.  51 pp.  $2.50, Gr. 4-6.
The physical features of the earthworm and its usefulness to mankind through its soil-making activities.

\textit{Spiders.} Crowell, 1955.  56 pp.  $2.50, Gr. 4-6.
Describes the various species of spiders, their habits and habitats, how they hunt, eat and spin their webs.

Kaufman, Mervyn.  \textit{No Holidays for Honeybees.} Coward, 1966.  64 pp.  $2.95, Gr. 3-6.
The life cycle of a honeybee hive during the course of a year.

48 pp.  $3.14, Gr. 2-5.  Factual statements and beautiful illustrations bring to life the story of Green Darner.

Neal, Charles.  \textit{What is a Bee?} Benicfic.  48 pp.  $2.20, Gr. 4-8.
Depth and further understanding is brought out by clear definitions, emphasis on simple basic facts, and color illustration nearly every page.

\textit{What is an Insect?} Benicfic.  48 pp.  $2.20, Gr. 4-8.
Simple presentation adds depth and further understanding to this favorite topic.

Ripper, Charles L.  \textit{Mosquitoes.} Morrow, 1969.  64 pp.  $3.25, Gr. 3-7.
Clear text and beautiful illustrations present the little-known facts about these fragile insects.

MACHINES - WORKMEN

Bendick, Jeane.  \textit{First Book of Automobiles.} Watts, 1966.  $1.95, Gr. 4-6.
Mechanism and design of up-to-date automobiles, about first autos, driving rules and directions for building a soapbox car.

Gould, Jack.  \textit{All About Radio and Television.} Random, 1953.  143 pp.  $1.95, Gr. 4-12.
Written in non-technical language with diagrams.  Simple experiments.
MACHINES - WORKMEN CONTINUED


Syrocki, John. *What is a Machine?* Benefic Press. $1.80. Gr. 4-6. Easy reading, high interest; factual, basic concepts.


Zim, Herbert S. *What's Inside of Me?* Morrow, 1952. 32 pp. $1.75, Gr. 4-12. This book will help boys and girls to know about their bodies. Has diagrams to help in their understanding.

OCEAN LIFE

Adler, Irving and Ruth. *Oceans.* Day, 1962. 48 pp. $2.68, Gr. 3-6. Tides, waves, and sea breezes, as well as animals that live in the sea and many other items are explained in clear, direct prose with many illustrations.

Buck, Margaret Waring. *Along the Seashore.* Abingdon. $2.97, Gr. 4-7. The plants and animals of this special environment.


Earle, Olive L. *The Octopus.* Morrow, 1955. 64 pp. $3.14, Gr. 3-6. Squid, cuttlefish, nautilus and octopus, with graphic drawings by author, makes for fascinating reading.


Lambert, Elisabeth. *The Living Sea.* Covard, 1963. 128 pp. $3.69, Gr. 4-8. A fascinating study of life at the shore and in the ocean.

Schisgall, Oscar. *That Remarkable Creature, the Snail.* Julian Messner, 1970. $3.95. An easy-to-read, straightforward introduction to the creature that has 25,600 teeth and can pull 200 times its own weight; includes the land, sea, and fresh water snail.


SPACE TRAVEL


SPACE TRAVEL CONTINUED

Coombs, Charles. *Project Apollo, Mission to the Moon*. Morrow, 1965. 96 pp. $3.36, Gr. 4-8. Photographs and sketches nearly every page. The simple flowing style makes the reading hold interest while pictures explain it all.

Elting, Mary. *Spacecraft at Work*. Harvey, 1965. 96 pp. $3.50, Gr. 4-8. Excellent drawings and diagrams on every page, and simple flowing prose makes this a fascinating book on a timely topic.

Kane and Fellger. *What is Space?* Benefic, 48 pp. $2.20, Gr. 4-8. This absorbing topic becomes clearer through presentation of basic scientific facts with full color illustrations every page.

May, Julian. *Astronautics*. Follett, 1968. 32 pp. $1.00, Gr. 3-6. Describes the scientific basis for space flight accurately, with vivid illustrations.

Hunch. *What is a Rocket?* Benefic Press, $1.80, Gr. 4-6. High interest, factual, basic concepts and information.

TREES AND PLANTS

Buff, Mary and Conrad. *Big Tree*. Viking, 1946. $3.00, Gr. 4-7. Story of a sequoia 2500 years old. Illustrations.

Cooke, Emogene. *Fun-Time Window Garden*. Children’s, 1957. 32 pp. $2.00, Gr. 3-5. Practical experiments with growing plants from seeds, slips, etc., indoors.


Fenton, Carroll Lane and Henrie Kitchen. *Plants That Feed Us: The Story of Grains and Vegetables*. Day, 1956. 95 pp. $2.95, Gr. 4-12. This book gives a history of some foods and tells how plants have traveled.

Gringhuis, Dirk. *From Tall Timber*. A. Whitman, 1964. 64 pp. $2.75, Gr. 3-5. The importance and methods of conservation are brought out through this description of the growth of forests and the harvesting and processing of trees.

Sanger, Marjory B. *Cypress Country*. World, 1965. 64 pp. $3.50, Gr. 3-8. Life found in a Florida swamp.

Selsam, Hillicent E. *Peanut*. Morrow, 1969. 48 pp. $3.78, Gr. 3-6. Each stage of the plant’s development is shown in photographs. Astonishing close-up photography makes the easy, well-printed text fascinating.

Stetterud, Alfred. *The Wonders of Seeds*. Harcourt, 1956. 119 pp. $2.75, Gr. 4-12. The scientist and the gardener present this account of seeds and how they develop into plants.

ADDITIONAL SCIENCE TOPICS


Evolution. Day, 1965. 48 pp. $2.68, Gr. 3-6. How plants and animals modified through the ages, well illustrated and simple prose.

ADDITIONAL SCIENCE TOPICS CONTINUED

Shadows. Day, 1961. 48 pp. $2.68, Gr. 3-6. This "Reason Why" book answers many common questions and brings out scientific truths.

Bendick, Jeanne. First Book of Time. Watts, 1963. 72 pp. $2.95, Gr. 3-5. Its relation to space and motion; calendar, time zones, and animal and plant "clocks."

Ruck, Margaret Waring. Where They Go in Winter. Abingdon, 1968. 82 pp. $3.50, Gr. 3-8. Where have all the animals and birds, fish and insects gone? Small print but profuse illustrations.


Working With Water. A. Whitman, 1964. 48 pp. $2.75, Gr. 3-8. Brief units motivate experiments and discuss the observation which resulted.

DeWaard, E. John. Plants and Animals in the Air. Doubleday, 1969. 64 pp. $4.50, Gr. 3-6. Patterns and forces of flight as shown by a hawk, a humming bird, and a dandelion seed.

Freeman, Mae and Ira. Fun with Scientific Experiments. Random, 1960. 64 pp. $1.95, Gr. 3-8. Experiments that are easy and fun, one or two pages for each; illustrated profusely.

Friskey, Margarete. Caveman to Spaceman. Children's, 1961. 64 pp. $2.95, Gr. 4+. Dramatic incidents in history are related through developments in transportation.

Geralton, James. The Story of Sound. Harcourt. 75 pp. $2.50, Gr. 4-9. A graphic description of sound and the astonishing ways in which it travels, written in simple, non-technical language. Large type; 45 line drawings.

King. What is Gravity? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; basic concepts and information.

Leavett, Jerome and John Huntsburger. Fun-Time Terrariums and Aquariums. Children's, 1961. 48 pp. $2.00, Gr. 3-6. Leads to hours of pleasure setting up desert, woodland, bog habitats.


What is Light? Benefic Press, 1960. $1.80, Gr. 4-6. High interest, factual, basic concepts and information.


101 Science Experiments. Children's, 1960. 160 pp. $4.50, Gr. 3-8. Most of the experiments can be done with materials found in the home.

Posin, Daniel. What is Chemistry? Benefic Press. $1.80, Gr. 4-6. Easy reading, high interest; basic concepts.

Reed, H. Maxwell. The Sky is Blue. Harcourt. 151 pp. $3.00, Gr. 4-6. Informal approach to science. Large type.

Reuben, Gabriel H. What is an Atom? Benefic Press, 1960. $1.80, Gr. 4-6. Easy reading and high interest; factual, basic concepts.

What is Sound? Benefic Press, 1960. $1.80, Gr. 4-6. Easy reading, high interest; factual, basic concepts.

Russell, Solveig Paulson. Wax in Our World. Rand. 64 pp. $2.95, Gr. 3-6. Discusses the uses of wax in ancient and modern times as well as the kinds, their sources and characteristics.

Schwartz, Julius. Through the Magnifying Glass; Little Things That Make A Big Difference. McGraw, 1954. 142 pp. $2.50, Gr. 5-12. Tells how things in the world can be changed by the microscope.
ADDITIONAL SCIENCE TOPICS CONTINUED

Simple explanations and striking photographs of situations in which the laws of motion operate.

With simple clarifying diagrams and illustrations, this book explains heat as energy, and makes plain the principles of convection and conduction.

Young Readers' Edition of the Life Nature Library, Silver-Burdett, 1968. $4.95, Gr. 4-9. Especially edited for younger children (or older ones who prefer easy reading), these books make available the most-needed information and illustrations of the parent items.

Animal Behavior, by Niko Tinbergen
Birds, by Roger Tory Peterson
The Desert, by Leopold Starker
Early Man, by F. Clark Howell
The Earth, by Arthur Beiser
Evolution, by Ruth Moore
The Fishes, by F. D. Ommaney
The Mammals, adapted from a text by Richard Carrington
The Primates, by Sarel Eimerl and Irven Devore
The Reptiles, by Archie Carr
The Sea, by Leonard Engel
The Universe, by David Bergamini
LIST OF PUBLISHERS

Abelard-Schuman Limited
6 West 57th Street
New York, New York 10019

Abingdon Press
201 Eighth Avenue, South
Nashville, Tennessee 37202

Addison-Wesley Publishing Company
Reading, Massachusetts 01867

Atheneum
122 East 42nd Street
New York, New York 10017

Benefic Press
Berkeley-Cardy Company
10300 West Roosevelt
Westchester, Illinois 60153

Bobbs-Merrill Company
4300 West 62nd Street
Indianapolis, Indiana 46268

Cadmus Books
E. M. Hale and Company
1201 South Hastings Way
Eau Claire, Wisconsin 54701

Children's Press
1224 West Van Buren Street
Chicago, Illinois 60607

Coward-McCann, Incorporated
200 Madison Avenue
New York, New York 10016

T. Y. Crowell Company
201 Park Avenue South
New York, New York 10003

John Day Company
257 Park Avenue
New York, New York 10010

Dodd, Mead and Company, Incorporated
79 Madison Avenue
New York, New York 10016

Doubleday and Company
501 Franklin Avenue
Garden City, New York 11530

E. P. Dutton and Company
201 Park Avenue, South
New York, New York 10003

Exposition Press, Incorporated
50 Jericho Turnpike
Jericho, New York 11753

Farrar, Straus and Company, Incorporated
19 Union Square
New York, New York 10003

Follett Publishing Company
1010 West Washington Boulevard
Chicago, Illinois 60607

Garrard Publishing Company
Champaign, Illinois 61820

Golden Gate Junior Book Post Office Box 398
San Carlos, California 94070

Golden Press
Division of Western Publishing Company
850 Third Avenue
New York, New York 10022

Grosset and Dunlop, Incorporated
5 Madison Avenue
New York, New York 10010

E. M. Hale and Company
1201 South Hastings Way
Eau Claire, Wisconsin 54701

Harcourt, Brace and World, Incorporated
7555 Caldwell Avenue
Chicago, Illinois 60648

Harper and Row
49 East 33rd Street
New York, New York 10016

Harvey House Incorporated
5 South Buckhout Street
Irvington-on-Hudson, New York 10533

Hastings House Publishers
10 East 40th Street
New York, New York 10016
Simon and Schuster, Incorporated
1 West 39th Street
New York, New York 10018

Steck-Vaughn Company
Post Office Box 2028
Austin, Texas 78767

Vanguard Press
424 Madison Avenue
New York, New York 10017

Van Nostrand-Reinhold Books
450 West 33rd Street
New York, New York 10001

Viking Press
625 Madison Avenue
New York, New York 10022

Frederick Warne and Company, Incorporated
101 Fifth Avenue
New York, New York 10003

Franklin Watts, Incorporated
575 Lexington Avenue
New York, New York 10022

Albert Whitman and Company
560 West Lake Street
Chicago, Illinois 60606

World Publishing Company
2231 - 110 Street
Cleveland, Ohio 44102