

The University of Texas Publication

No. 4034

September 8, 1940

16 mm. MOTION PICTURES SOUND AND SILENT

Visual Instruction Bureau
Division of Extension
The University of Texas

**University of Texas
Publications**



**University of Texas
Publications**

PUBLISHED BY
THE UNIVERSITY OF TEXAS
AUSTIN

Publications of The University of Texas

PUBLICATIONS COMMITTEE

| | |
|-----------------|-------------|
| E. J. MATHEWS | A. SCHAFFER |
| D. CONEY | B. SMITH |
| J. T. PATTERSON | J. W. SPIES |
| A. C. WRIGHT | |

General Publications

| | |
|------------------|----------------|
| R. H. GRIFFITH | H. R. HENZE |
| LOUISE BAREKMAN | A. SCHAFFER |
| FREDERIC DUNCALF | E. G. SMITH |
| FREDERICK EBY | G. W. STUMBERG |

Administrative Publications

| | |
|----------------|-----------------|
| E. J. MATHEWS | S. A. MACCORKLE |
| C. F. ARROWOOD | B. MCLAURIN |
| C. D. SIMMONS | |

The University publishes bulletins four times a month, so numbered that the first two digits of the number show the year of issue and the last two the position in the yearly series. (For example, No. 4001 is the first publication of the year 1940.) These bulletins comprise the official publications of the University, publications on humanistic and scientific subjects, and bulletins issued from time to time by various divisions of the University. The following bureaus and divisions distribute publications issued by them; communications concerning publications in these fields should be addressed to The University of Texas, Austin, Texas, care of the bureau or division issuing the publication: Bureau of Business Research, Bureau of Economic Geology, Bureau of Engineering Research, Bureau of Industrial Chemistry, Bureau of Public School Extracurricular Activities, and Division of Extension. Communications concerning all other publications of the University should be addressed to University Publications, The University of Texas.

Additional copies of this publication may be procured from the
Visual Instruction Bureau, The University of Texas,
Austin, Texas



The University of Texas Publication

No. 4034: September 8, 1940

**16 mm. MOTION PICTURES
SOUND AND SILENT**

**Visual Instruction Bureau
Division of Extension
The University of Texas**



**PUBLISHED BY THE UNIVERSITY FOUR TIMES A MONTH AND ENTERED AS
SECOND-CLASS MATTER AT THE POST OFFICE AT AUSTIN, TEXAS,
UNDER THE ACT OF AUGUST 24, 1912**

The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government.

Sam Houston

Cultivated mind is the guardian genius of Democracy, and while guided and controlled by virtue, the noblest attribute of man. It is the only dictator that freemen acknowledge, and the only security which freemen desire.

Mirabeau B. Lamar

CORE AREAS AND SUBJECT HEADINGS

In the Visual Instruction Bureau catalogues, visual aids are listed under A. L. A. subject headings. These subject headings are coördinated with the Five Core Areas of the Curriculum Revision Movement, as follows:

| | Sound Page | Silent Page |
|---|---------------|----------------|
| LANGUAGE ARTS, See | | |
| Literature and Entertainment..... | 26 | 26 |
| Geography, History, and Travel..... | 18 | 19 |
| SOCIAL RELATIONS, See | | |
| Citizenship, Civics, and Government..... | 13 | 15 |
| Geography, History, and Travel..... | 18 | 19 |
| HOME AND VOCATIONAL ARTS, See | | |
| Agriculture | 5 | 5 |
| Home Economics | 22 | 22 |
| Industry, Engineering, and Manufacturing..... | 23 | 24 |
| CREATIVE AND RECREATIVE ARTS, See | | |
| Athletics and Sports..... | 8 | 8 |
| Music | 27 | |
| Physiology, Health, and Hygiene..... | 28 | 28 |
| Recreation Programs | 30 | |
| Cinepix Programs | 21 | |
| NATURE, MATHEMATICS, AND SCIENCE, See | | |
| Biological Science | 9 | 9 |
| General Science | 16 | 17 |

COLORED LANTERN SLIDE SETS

(With Manuscripts)

FILM STRIPS 35 mm.

STILLFILMS

MOUNTED PICTURES

STEREOGRAPHS

MUSIC RECORDS

For

SCHOOLS, CLUBS, CHURCHES AND CIVIC ORGANIZATIONS

Write for catalogue and lists to:

Mrs. Charles Joe Moore, Director,
Visual Instruction Bureau,
The University of Texas,
Austin, Texas.

CONDITIONS OF SERVICE

1. Annual Registration Fee:

Schools: NON-RENTAL, per school per school year.....\$1.00
(All films with no price stated are non-rentals.)

GROUP RENTAL, per school per school year..... \$25.00
(Entitles patron to *one* day's use of all rental films marked with an asterisk (*), and *five* days' use of non-rental films marked with an asterisk (*).)

Clubs: Non-rental service, per service 25c. (Three reels or less.)
Rental films at prices listed in catalogue.

2. Time Loaned, Exclusive of Travel:

NON-RENTAL films loaned for five days or less.

RENTAL prices quoted in catalogue are for one day only; rental for each subsequent day is 50 per cent of the first day's rental, on all films renting for 50c or more. There is no reduction for subsequent days on films renting for less than 50c. Rental is charged for each day film is in hands of patron.

3. Prompt Return of Films:

Remember that films are booked for other patrons and must be returned promptly. Rental films kept overtime will be charged at the rate in the catalogue, non-rentals are 25c per reel per day for all overtime. **This Bureau reserves the right to telegraph or telephone collect for overdue films.**

4. Transportation:

Transportation costs both ways must be paid by the borrower.

5. Reports:

Reports must be sent promptly or this Bureau reserves the right to discontinue service.

6. Damage:

Loss or damage will be charged to the exhibitor. Reels must be kept intact, as received. Do not remove header or trailer to fasten reels together on one large reel. A charge of 25c will be made when a header or trailer is not returned. Return reel band with reel. Do not rewind after last showing.

7. Order Ten Days in Advance of Showing:

When ordering, state exact date for showing, and give first, second, and third choice of **films** or of **dates** for showing. This Bureau reserves the right to substitute on late orders.

8. Sound Films:

Sound films cannot be run on silent projectors. Therefore, sound films will be shipped only to patrons who state in their orders the make and model of the sound projector they are using.

9. Use:

Material sent from this Bureau must be shown free, unless admission charges or collections are used for some definite school purpose.

SOUND AND SILENT

For descriptions, see: Sound page 33, Silent page 66.

16 mm. Sound and Silent Motion Pictures

AGRICULTURE

(Core Area Home and Vocational Arts)

CROPS

Nos.

Sound Films.

- *So 1174 **Power in the Potato Field.** 1 reel.
- *So 1179 **Soybeans For Farm and Industry.** 1 reel.
- *So 42 **Sugar Cane.** 2 reels.
- *So 1192 **Sugar in the Everglades.** 2 reels.
- Silent Films.
- *44 **Balanced Plenty.** 1 reel.
- *462 **Bananas, About.** 1 reel.
- *39 **Bread, Our Daily.** 1 reel.
- *350 **Bread, The Story of A Loaf.** 3 reels.
- *369 **Civilization's Fabric.** 2 reels.
- *206 **Coöperative Marketing—Dried Prunes.** 2 reels.
- *775 **Cotton—From Seed to Cloth.** 2 reels.
- *955 **Cotton, The Land of.** 1 reel. Rental 50c per day.
- *17 **Cotton, Marketing.** 2 reels.
- *858 **Potato Enemies.** 1 reel.
- *849 **Winged Warfare.** 2 reels.

DAIRYING, LIVESTOCK, AND MEAT PRODUCTS

Sound Films.

- *So 50 **Do Unto Animals.** 2 reels.
- *So 48 **Foot-and-Mouth Disease, Suppressing The.** 1 reel.
- *So 26 **Grassland.** 1 reel.
- So 5200 **Milk.** 1 reel. Rental \$1.50 per day.
- So 5201 **Miracle of the Meadows.** 1 large reel. Rental \$3.00 per day.
- *So 392 **Partners.** 2 large reels.
- *So 1272 **Romance of Foods.** 1 reel.
- Silent Films.
- 314 **Green Acres.** 2 reels, color.
- *1 **Green Pastures.** 1 reel.
- *66 **Horses and Bots.** 2 reels.
- *353 **Kansas 4-H Club Exhibit, 1933.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *2 **On a Thousand Hills.** 1 reel.
- 881 **Pigs on the Farm.** 1 reel. Rental \$1.00 per day.
- *60 **Screw Worms.** 2 reels.

FORESTRY AND GAME

Sound Films.

- *So 23 **Fire Weather.** 2 reels.
 - *So 20 **Flyways of Migratory Waterfowl.** 1 reel.
 - *So 22 **Forest and Wealth, The.** 1 reel.
 - *So 31 **Forestry, The ABC of.** 1 reel.
 - *So 34 **Forest Fires, Prevent.** 1 reel.
 - *So 56 **Forest Fires, Stop.** 1 reel.
 - *So 51 **Forest Nursery, Operation of a.** 1 reel.
 - *So 12 **Forest Serves Man, The.** 1 reel.
 - *So 1256 **Forest Treasures.** Large reel.
 - *So 21 **Game Bird Farming.** 1 reel.
 - *So 57 **Pine Ways to Profit.** 2 reels.
 - *So 49 **Re-creation.** 3 reels.
 - *So 29 **Regulated Deer Hunting.** 2 reels.
 - *So 30 **Tree of Life, The.** 2 reels.
 - *So 62 **Trees to Tame the Wind.** 1 reel.
 - *So 1279 **Trees to Tribunes.** 1 large reel.
 - *So 28 **Trout Stream Improvement.** 1 reel.
- ##### Silent Films.
- *8 **Beavers at Home.** 2 reels.
 - *5 **Big Game and the National Forests.** 1 reel.
 - *25 **Birdbanding, The How and Why of.** 2 reels.
 - *61 **Forest Fires or Game?** 1 reel.
 - *53 **Forests and Streams.** 1 reel.
 - *54 **Forests Serve, How.** 1 reel.
 - *64 **Forestry—Harvesting Uncle Sam's Timber.** 2 reels.
 - *65 **Forestry—Marking Timber.** 2 reels.
 - *13 **Friends of Man.** 4 reels.
 - *11 **Fur Industry in the United States, The.** 3 reels.
 - *7 **Game Bird Farming.** 1 reel.
 - *52 **Game Management.** 2 reels.
 - *422 **Hunting Without a Gun.** 1 reel.
 - *14 **It Might Have Been You.** 1 reel.
 - *15 **Lest We Forget.** 1 reel.
 - *435 **Nimrods in Duckland.** 1 reel.
 - *9 **Porcupine Control in the Western States.** 2 reels.
 - *6 **Regulated Deer Hunting.** 2 reels.
 - *10 **Routing Rodent Robbers.** 2 reels.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *24 **Smoke.** 1 reel.
- *16 **We Can Take It.** 2 reels.

PESTS

Sound Films

- *So 63 **Beetle, White Fringed.** Large reel.
- *So 6 **Block That Termite.** Large reel.
- *So 1255 **Feeding the Multitude.** 1 reel.
- *So 45 **Grasshoppers.** 2 reels.
- *So 343 **Hidden Enemies (Termites).** Large reel.
- *So 46 **Mormon Cricket, The.** 2 reels.
- *So 60 **Screw Worms.** Large reel.

Silent Films.

- *456 **Flea Hopper.** 1 reel, 649 feet.
- *66 **Horses and Bots.** 2 reels.
- *858 **Potato Enemies.** 1 reel.
- *60 **Screw Worms.** 2 reels.
- *65 **Why Moths Leave Home.** 1 reel.
- *849 **Winged Warfare.** 2 reels.

POULTRY

Sound Films.

- *So 200 **Poultry—A Billion Dollar Industry.** Large reel.

Silent Films.

- *447 **American Eider Duck, The.** 1 reel.
- *3 **Brooding and Rearing Chicks.** 2 reels.
- *450 **Day in Duckland, A.** 1 reel.
- *4 **Duck Farming.** 1 reel.
- *905 **Happy Hen and Her Chicks.** 1 reel, 265 feet. Rental 25c per day.
- *205 **T. B. or Not T. B. (Fowl tuberculosis.)** 2 reels.
- *449 **Turkey Time in Manitoulin.** 1 reel.

RURAL LIFE AND FARM ENGINEERING

Sound Films.

- *So 1171 **Bread, Our Daily.** 1 reel.
- *So 1281 **Canada's Plowing Classic.** 1 reel.
- *So 58 **Farm and City—Forward Together.** 1 reel.
- *So 1280 **Farming—Her Husband's Choice.** 1 reel.
- *So 1172 **Farm Inconveniences.** 1 reel.
- *So 1173 **Harvester-Thresher for Every Farm, A.** 1 reel.
- *So 1178 **Helpful Henry.** Large reel.
- *So 201 **Land—to Have and to Hold, The.** Large reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 36 **Negro Farmer, The.** 3 reels.
- *So 1253 **Sheppard and Son.** 2 large reels.
- *So 59 **Terracing in the Northeast.** 1 reel.
- *So 1177 **Terracing to Save Our Farms.** 1 reel.
Silent Films.
- *735 **Helpful Hints for Successful Home Canning.** 1 reel.
- *67 **Irrigation—A Brief Outline.** 1 reel.
- *459 **Milk, Modern.** 1 reel.
- *676 **Miracle of Mulch Paper, The.** 1 reel.
- *40 **Plenty Without Waste.** 1 reel.

ASTRONOMY

(See General Science)

ATHLETICS AND SPORTS

(See also Physiology, Health, and Hygiene)

(Core Area Creative and Recreative Arts)

Sound Films.

- *So 1159 **Baseball, First Century of.** 1 large reel.
 - *So 1259 **Baseball, Heads Up.** 2 large reels.
 - *So 1916 **Dashes, Hurdles, and Relays.** Large reel. Rental \$3.00
per day.
 - So 4006 **Football—Outstanding Games of the 1938 Season.** 1
reel. Rental \$1.50 per day.
 - So 3080 **Football Thrills of 1939.** 1 reel. Rental \$1.50 per day.
 - *So 1906 **Jumps and Pole Vault.** 1 reel. Rental \$2.00 per day.
 - *So 1046 **Learn to Swim.** 2 reels.
 - *So 400 **Let's Go Skiing.** 1 reel.
 - *So 1047 **Life Saving.** 2 reels.
 - So 3020 **Poetry of Motion, The and Olympic Diving Champions.**
1 reel. Rental \$1.25 per day.
- Silent Films
- *377 **Balloon Racing.** 1 reel.
 - *419 **Battling Tuna.** 1 reel.
 - *432 **Battling with Muskies.** 1 reel.
 - 879 **Davis Cup Team.** 1 reel, 375 feet. Rental \$1.00 per
day.
 - *683 **High Speed.** 1 reel.
 - *896 **Let's Go Fishing.** 1 reel. Kodachrome. Rental 50c per
day.
 - *435 **Nimrods in Duckland.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *426 **Ride 'Em Cowboy!** 1 reel.
- *386 **Skyline Trails.** 1 reel. Kodachrome.
- *682 **Sports of Sailormen.** 1 reel.
- *763 **Swiss Alp Climbers.** 100-foot reel.
- *436 **Tenderfoot Trails.** 1 reel.
- *360 **Transatlantic Holiday, A.** 1 reel.
- *893 **Trapping Turkeys in Texas.** 1 reel. Kodachrome. Rental 50c per day.
- *835 **Waikiki, Surfing—Famous Sport.** 100-foot reel.
- *421 **Warriors of the Deep.** 1 reel.
- *427 **When Winter Comes.** 1 reel.
- *431 **Where Snowtime Is Joytime.** 1 reel.
- *70 **Winter Sports in the National Forests of California.** 1 reel.
- *374 **Yosemite Skiways.** 1 reel.

BIOLOGICAL SCIENCE

(Including Nature Study)

(Core Area Nature, Mathematics, and Science)

ANIMALS

Sound Films.

- *So 1904 **Bunny Rabbit, Adventures of.** 1 reel. Rental \$2.00 per day.
- So 5207 **Cony.** 1 reel. Rental \$1.50 per day.
- *So 1905 **Gray Squirrel.** 1 reel. Rental \$2.00 per day.
- *So 401 **Grey Owl's Little Brother.** 1 reel.
- So 5205 **Kangaroo Rat.** 1 reel. Rental \$1.50 per day.
- *So 1894 **Reactions in Plants and Animals.** 1 reel. Rental \$2.00 per day.
- *So 402 **Return of the Buffalo.** 1 reel.
- So 3032 **Teddy Bear's Picnic.** 1 reel. Rental 50c per day.
- Silent Films.
- *842 **Animal Camouflage.** 1 reel.
- *841 **Bre'r Rabbit and His Pals.** 1 reel.
- *5 **Big Game and the National Forests.** 1 reel.
- *977 **Chameleon, The.** 100-foot reel. Rental 10c per day.
- *907 **Circus on Parade.** 100-foot reel. Rental 10c per day.
- *972 **Deadly Enemies (snakes).** 100-foot reel. Rental 10c per day.
- *61 **Forest Fires or Game?** 1 reel.
- *52 **Game Management.** 2 reels.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *813 **Hunters of the Great White North.** 1 reel.
- *451 **Hunting Dinosaurs in the Badlands of Alberta.** 3 reels.
- *422 **Hunting without a Gun.** 1 reel.
- *760 **Interesting Animals of the Lower Rio Grande Valley.**
100-foot reel. Color.
- *938 **Killing the Killer (mongoose and cobra).** 1 reel. Rental
25c per day.
- *895 **Mammals on Wings (bats).** 1 reel. Kodachrome. Rental
50c per day.
- *990 **Menacing Reptiles.** 1 reel. Rental 25c per day.
- *943 **Our Four-Footed Helpers.** 1 reel. Rental 25c per day.
- 881 **Pigs on the Farm.** 1 reel. Rental \$1.00 per day.
- *9 **Porcupine Control in the Western States.** 2 reels.
- *983 **Prowling Hedgehogs.** 100-foot reel. Rental 10c per day.
- *6 **Regulated Deer Hunting.** 2 reels.
- *10 **Routing Rodent Robbers.** 2 reels.
- *855 **Satan's Henchman—The Tiger Rattlesnake.** 100-foot
reel.
- *919 **Spider, Trap-Door.** 200-foot reel. Rental 25c per day.
- *975 **Strange Playmates.** 100-foot reel. Rental 10c per day.
- *686 **Wild Life Near Your Home.** 2 reels.
- *891 **Wild Life in South Texas.** 2 reels. Kodachrome. Rental
\$1.00 per day.
- *894 **Wild Life West of the Pecos.** 1 reel. Kodachrome.
Rental 50c per day.
- *423 **Wild Life Ways.** 1 reel.

BIRDS

Sound Films.

- So 5206 **Cooper Hawk.** 1 reel. Rental \$1.50 per day.
- So 5204 **Horned Owl.** 1 reel. Rental \$1.50 per day.
- So 5208 **Roadrunner.** 1 reel. Rental \$1.50 per day.

Silent Films.

- *447 **American Eider Duck, The.** 1 reel.
- *929 **Baby Songbirds at Mealtime.** 1 reel. Rental 25c per day.
- *25 **Birdbanding, The How and Why of.** 2 reels.
- *420 **Bird City.** 1 reel.
- *965 **Bird-Flight, A Study in.** 100-foot reel. Rental 10c per
day.
- *437 **Birds of Bonaventure.** 1 reel.
- *446 **Birds Rare and Fantastic.** 1 reel.
- *4 **Duck Farming.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *854 **El Paisano—The Roadrunner.** 100-foot reel.
- *445 **Fleet Wings.** 1 reel.
- *890 **Flying Fishermen (pelicans on the Texas coast).** 1 reel.
Rental 50c per day.
- *7 **Game Bird Farming.** 1 reel.
- *444 **Home of the Birds, The.** 1 reel.
- *801 **Hummingbird Home Life.** 200-foot reel.
- *963 **Monarchs of the Air.** 100-foot reel. Rental 10c per day.
- *435 **Nimrods in Duckland.** 1 reel.
- *448 **Nomads of the Ocean.** 1 reel.
- *892 **Some Birds of Texas.** 1 reel. Kodachrome. Rental 50c per day.
- *893 **Trapping Turkeys in Texas.** 1 reel. Kodachrome. Rental 50c per day.
- *825 **Winter Visitors.** 1 reel.

FISH AND SEA LIFE

Sound Films.

- *So 1266 **Alaska's Silver Millions.** Large reel.
- *So 1258 **Sponge Fishing.** 1 reel.

Silent Films.

- *266 **Alaska's Silver Millions.** 3 reels.
- *962 **Alligator Round-Up, An.** 100-foot reel. Rental 10c per day.
- *981 **Battling Shrimps.** 100-foot reel. Rental 10c per day.
- *419 **Battling Tuna.** 1 reel.
- *432 **Battling with Muskies.** 1 reel.
- *452 **Chicken of the Sea.** 2 reels.
- *843 **Crayfish and Stickelback.** $\frac{3}{4}$ reel.
- *908 **Fighters of the Deep.** 100-foot reel. Rental 10c per day.
- *959 **Fighting Lobsters.** 100-foot reel. Rental 10c per day.
- *909 **Four-Footed Dancers.** 100-foot reel. Rental 10c per day.
- *966 **Hermit Crab, The.** 100-foot reel. Rental 10c per day.
- *936 **Jewels of the Sea.** 1 reel. Rental 25c per day.
- *896 **Let's Go Fishing.** 1 reel. Kodachrome. Rental 50c per day.
- *964 **Murderous Midget Fish, The.** 100-foot reel. Rental 10c per day.
- *967 **Sea Hare and the Atlanta, The.** 100-foot reel. Rental 10c per day.
- *968 **Starfish, The.** 100-foot reel. Rental 10c per day.
- *939 **Underwater Households.** 1 reel. Rental 25c per day.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

INSECT AND PLANT LIFE

Sound Films.

- *So 6 **Block That Termite.** Large reel.
- *So 1889 **Butterflies.** 1 reel. Rental \$2.00 per day.
- *So 1885 **Dodder, The.** 1 reel. Rental \$2.00 per day.
- *So 1941 **Four Seasons, The.—Spring.** 1 reel. Rental 50c per day.
- *So 1942 **Four Seasons, The.—Summer.** 1 reel. Rental 50c per day.
- *So 1943 **Four Seasons, The.—Autumn.** 1 reel. Rental 50c per day.
- *So 1944 **Four Seasons, The.—Winter.** 1 reel. Rental 50c per day.
- *So 1886 **Fungus Plants.** 1 reel. Rental \$2.00 per day.
- *So 343 **Hidden Enemies (Termites).** Large reel.
- *So 1004 **Life of Plants.** 1 reel.
- *So 1048 **Mosquito—Public Enemy, The.** 2 reels.
- *So 1894 **Reactions in Plants and Animals.** 1 reel. Rental \$2.00 per day.
- *So 1887 **Seed Dispersal.** 1 reel. Rental \$2.00 per day.

Silent Films.

- *842 **Animal Camouflage.** 1 reel.
- *913 **Bee, Kingdom of the.** 1 reel. Rental 25c per day.
- *986 **Bees and Spiders.** 1 reel. Rental \$1.00 per day.
- *985 **Butterflies and Moths.** 1 reel. Rental \$1.00 per day.
- *960 **Camouflaged Death Traps.** 100-foot reel. Rental 10c per day.
- *456 **Flea Hopper.** 1 reel.
- *844 **Fly—Our Common Enemy, The.** 1 reel.
- *314 **Green Acres.** 2 reels, color.
- *69 **Honeybee, The Realm of the.** 4 reels.
- *969 **Honey Maker, The.** 100-foot reel. Rental 10c per day.
- *66 **Horses and Bots.** 2 reels.
- *961 **Insect Engineers.** 100-foot reel. Rental 10c per day.
- *806 **Mosquito, The.** 1 reel.
- *858 **Potato Enemies.** 1 reel.
- *989 **Seed and Seed Dispersal.** 1 reel. Rental 25c per day.
- *928 **Singing and Stinging.** 1 reel. Rental 25c per day.
- *937 **Traps for Insects: Insect-eating Plants and Animals.** 1 reel. Rental 25c per day.
- *805 **Wasps.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *65 **Why Moths Leave Home.** 1 reel.
- *849 **Winged Warfare.** 2 reels.

MISCELLANEOUS BIOLOGICAL SCIENCE

(Including Microscopic Life)

Sound Films.

- So 3024 **Evolution.** 3 reels. Rental \$3.75 per day.
- *So 1888 **Frog, The.** 1 reel. Rental \$2.00 per day.
- *So 1902 **Heart and Circulation of the Blood, The.** 1 reel. Rental \$2.00 per day.
- *So 7 **In the Beginning—Reproduction.** Large reel.
- *So 1901 **Nervous System, The.** 1 reel. Rental \$2.00 per day.

BOY AND GIRL SCOUT WORK

(See Citizenship, Civics, and Government)

CHEMISTRY AND PHYSICS

(See General Science)

CITIZENSHIP, CIVICS, AND GOVERNMENT;

VOCATIONAL GUIDANCE

(Core Area Social Relations)

Sound Films.

- So 5202 **Airliner.** Large reel. Rental \$3.00 per day.
- *So 1167 **Air Waves.** 1 reel.
- *So 1156 **America—Frontiers of the Future.** 1 reel.
- *So 1155 **America Marches On.** 1 reel.
- *So 1157 **(Let's Go) America: America, Yesterday, Today and Tomorrow.** 1 reel.
- *So 1158 **(Let's Go) America: Men and Machines.** 1 reel.
- *So 1273 **America, They Discovered.** Large reel.
- *So 1453 **American Way, The.** 1 reel. Rental \$1.00 per day.
- *So 1209 **Battle Maneuvers.** 1 reel.
- *So 1268 **Bicycling With Complete Safety.** 1 reel.
- *So 317 **Boulder Dam.** 4 reels.
- *So 1170 **Boulder Dam, The Building of.** 1 reel.
- *So 1171 **Bread, Our Daily.** 1 reel.
- *So 1257 **Chance to Lose, The.** 1 reel.
- *So 1001 **Coffee—From Brazil to You.** 2 reels.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 1050 **Commerce Around the Coffee Cup.** 1 reel.
- *So 1208 **Crossroads of the Pacific.** 1 reel.
- *So 1265 **Culver Woodcrafters.** Large reel.
- *So 263 **Design and Construction of Three Small Homes at Bethesda, Maryland.** 2 reels.
- *So 341 **Disaster, Shock Troops of.** 1 reel.
- *So 33 **Dusts, Dangerous.** 1 reel.
- *So 830 **England's Coronation.** 1 reel.
- *So 58 **Farm and City—Forward Together.** 1 reel.
- *So 1264 **Fit for the Future.** Large reel.
- So 3051 **Flag, The Story of Our.** 1 reel. Rental \$1.00 per day.
- *So 18 **Flood Weather.** 3 reels.
- *So 22 **Forest and Wealth, The.** 1 reel.
- *So 12 **Forest Serves Man, The.** 1 reel.
- *So 1194 **Good Neighbors.** Large reel.
- *So 347 **Hands.** Short reel.
- *So 1015 **Housing in Our Time.** 1 reel.
- *So 32 **I Pledge My Heart.** 1 reel.
- *So 201 **Land—To Have and To Hold, The.** Large reel.
- *So 1046 **Learn to Swim.** 2 reels.
- *So 1047 **Life Saving.** 2 reels.
- *So 1210 **Making Craftsmen.** 1 reel.
- *So 260 **Man Against the River.** 1 reel.
- *So 1250 **Modern Magic in Fire Protection.** Large reel.
- *So 1202 **Modern Man O' Warsmen.** 2 reels.
- So 3060 **More Dangerous Than Dynamite.** 1 reel. Rental 50c per day.
- *So 35 **Muddy Waters.** 1 reel.
- *So 1914 **Navajo Indians.** 1 reel. Rental \$2.00 per day.
- *So 1203 **Navy Wings of Gold.** 2 reels.
- *So 391 **Once Upon a Time.** 1 reel.
- *So 1186 **On Two Wheels.** 1 reel.
- *So 1000 **Pay Off.** Large reel.
- *So 319 **Postage Stamp, Following A.** 1 reel.
- *So 1006 **President Speaks, The.** 1 reel.
- *So 1199 **Protecting the Public.** 1 reel.
- *So 261 **Rain for the Earth.** 2 reels.
- *So 27 **Rain on the Plains.** 1 reel.
- *So 29 **Regulated Deer Hunting.** 2 reels.
- *So 1251 **Remember Jimmy.** 1 reel.
- *So 1201 **Repair, Supply and Relief.** 2 reels.
- *So 1003 **River, The.** Large reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 1213 **Service in Submarines.** 1 reel.
- *So 1204 **South American Cruise.** 2 reels.
- *So 1454 **Star-Spangled Banner, The.** 1 reel. Rental \$1.00 per day.
- *So 1002 **United States Marches On, The.** Short reel.
- *So 1455 **Wake Up, America!** 1 reel. Rental \$1.00 per day.
- *So 300 **Water Lure.** 1 reel.
- *So 1187 **We Drivers.** 1 reel.
- *So 1190 **We Work Again.** Large reel.
- *So 1456 **Which Way, America?** 1 reel. Rental \$1.00 per day.
- *So 346 **Work Pays America.** 5 reels.
- Silent Films.**
- *460 **Airplane—From Coast to Coast by Plane.** 3 reels.
- *735 **America's Heritage—Boy Scout Picture.** 2 reels.
- *378 **Bad Master, The.** 1 reel.
- *734 **Behind the Scenes in the Machine Age.** 3 reels.
- *5 **Big Game and the National Forests.** 1 reel.
- *317 **Boulder Dam.** 5 reels.
- *903 **Children's Airport Excursion.** 1 reel, 320 feet. Rental 25c per day.
- *395 **Columbia Basin Project.** 2 reels.
- *901 **Communication, Studies about.** 1 reel, 350 feet. Rental 25c per day.
- *830 **England's Coronation.** 1 reel.
- *852 **Fire Protection.** 1 reel.
- *857 **First Aid—Life Saving and Resuscitation.** 1 reel.
- *333 **Following the White Traffic Marker.** 1 reel.
- *61 **Forest Fires or Game?** 1 reel.
- *53 **Forests and Streams.** 1 reel.
- *13 **Friends of Man.** 4 reels.
- *7 **Game Bird Farming.** 1 reel.
- *804 **Hats Off!—A Story of the Flag.** 1 reel.
- *683 **High Speed.** 1 reel.
- *902 **Home Builders at Work.** 2 reels, 850 feet. Rental 50c per day.
- *14 **It Might Have Been You.** 1 reel.
- *911 **Land of Chu Chin Chow.** 1 reel. Rental 25c per day.
- *15 **Lest We Forget.** 1 reel.
- *568 **Man's Greatest Heritage.** 1 reel.
- *380 **Magellan of the Air.** 1 reel.
- *461 **NYA Student Aid.** 1 reel.
- *2 **On a Thousand Hills.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *40 **Plenty Without Waste.** 1 reel.
- *9 **Porcupine Control in the Western States.** 2 reels.
- *694 **Preventing Fires through Electrical Safety.** 2 reels.
- *786 **Prevention of Burns.** 1 reel.
- *340 **Principles of Planning and Constructing Low-Priced Homes.** 4 reels.
- *787 **Purifying Water.** 1 reel.
- *354 **Red Robber, The.** 2 reels (fire prevention).
- *29 **Regulated Deer Hunting.** 2 reels.
- *10 **Routing Rodent Robbers.** 2 reels.
- *788 **Safe and Sane Driver's Course.** 1 reel.
- *789 **Sewage Disposal.** 1 reel.
- *342 **Speaking of Safety.** 1 reel.
- *16 **We Can Take It.** 2 reels.
- *691 **What's in a Dress.** 1½ reels.
- *693 **Within the Gates.** 2 reels.

GENERAL SCIENCE—Astronomy, Chemistry, Geology

(Physical Geography) and Physics

(Core Area Nature, Mathematics, and Science)

Nos.

Sound Films.

- *So 1221 **Adventure Bound.** 1 reel.
- *So 43 **Clouds.** 1 reel.
- *So 1460 **Coal, the Story of.** 1 reel. Rental 50c per day.
- *So 1233 **Communications News and Views—Series 2 (apparatus used in communication).** 1 reel.
- *So 1820 **Earth and Its Seasons, The.** 1 reel. Rental \$1.00 per day.
- *So 1899 **Earth's Rocky Crust.** 1 reel. Rental \$2.00 per day.
- *So 1903 **Energy and Its Transformations.** 1 reel. Rental \$2.00 per day.
- So 3024 **Evolution.** 3 reels. Rental \$3.75 per day.
- *So 344 **Fourth Kingdom, The.** 1 large reel.
- *So 1893 **Fundamentals of Acoustics.** 1 reel. Rental \$2.00 per day.
- *So 1821 **Mysteries of Water, The.** 1 reel. Rental \$1.00 per day.
- *So 1230 **Network Broadcasting.** 1 reel.
- *So 1891 **Oxidation and Reduction.** 1 reel. Rental \$2.00 per day.
- *So 1000 **Pay Off.** Large reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 1802 **Principles of Electro-Magnetism (Part 1).** 1 reel.
Rental \$1.00 per day.
- *So 1800 **Principles of Magnetism (Part 1).** 1 reel. Rental \$1.00
per day.
- *So 1892 **Sound Waves and Their Sources.** 1 reel. Rental \$2.00
per day.
- *So 1168 **Television.** 1 reel.
- *So 1188 **This Moving World.** Large reel.
- So 3023 **Tidal Theory of the Earth's and Moon's Creation.** 1 reel.
Rental \$1.25 per day.
- *So 1231 **The Voice That Science Made (artificial larynx).** 1 reel.
- *So 1896 **Wearing Away of the Land, The.** 1 reel. Rental \$2.00
per day.
- *So 1166 **Where Mileage Begins.** 1 reel.
- *So 1270 **Wonder World of Chemistry.** 2 reels.
- *So 1900 **Work of Running Water.** 1 reel. Rental \$2.00 per day.
- Silent Films
- *824 **Anthropology Exhibits in the University Centennial Ex-
position.** 1 reel.
- *377 **Balloon Racing.** 1 reel.
- *991 **Chemistry of a Match.** 1 reel. Rental 25c per day.
- *992 **Chemistry of Combustion.** 1 reel. Rental 25c per day.
- *942 **Compressed Air.** 1 reel. Rental 25c per day.
- *926 **Earthquakes.** 1 reel. Rental 50c per day.
- *833 **Geysers of the Yellowstone.** 100-foot reel.
- *783 **How We Hear.** 1 reel, short.
- *941 **How We See.** 1 reel. Rental 25c per day.
- *451 **Hunting Dinosaurs in the Badlands of Alberta.** 3 reels.
- *980 **Invisible Forces.** 100-foot reel. Rental 10c per day.
- *978 **Kaleidoscope, The.** 100-foot reel. Rental 10c per day.
- *956 **Light of a Race, The.** 1 reel. Rental 50c per day.
- *380 **Magellan of the Air.** 1 reel.
- *979 **Magnetism and Electrons.** 100-foot reel. Rental 10c
per day.
- *924 **Maker of Mountains.** 1 reel. Rental 50c per day.
- *912 **Milky Way, The.** 1 reel. Rental 25c per day.
- *915 **Moon, A Motion Picture Journey to the.** 1 reel. Rental
\$1.50 per day.
- *910 **Mt. Etna on Fire.** 100-foot reel. Rental 10c per day.
- *694 **Preventing Fires Through Electrical Safety.** 2 reels.
- *787 **Purifying Water.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *789 **Sewage Disposal.** 1 reel.
- *914 **Solar Eclipse of August 31, 1932, The.** 1 reel. Rental \$1.50 per day.
- *940 **Sun and Its Influence on the Earth, The.** 1 reel. Rental 25c per day.
- *376 **U.S.S. Akron.** 2 reels.
- *925 **Volcanoes.** 1 reel. Rental 50c per day.

GEOGRAPHY, HISTORY AND TRAVEL

(Core Area Social Relations)

Sound Films.

- *So 1221 **Adventure Bound.** 1 reel.
- *So 1266 **Alaska's Silver Millions.** Large reel.
- *So 1470 **Aloha.** 1 reel. Rental 50c per day.
- *So 1453 **American Way, The.** 1 reel. Rental \$1.00 per day.
- *So 1961 **Beautiful Czechoslovakia.** 1 reel. Rental 50c per day.
- *So 1049 **Broken Barrier, The. (Panama Canal).** 1 reel.
- *So 1461 **Ceremonial Dances.** 1 reel. Rental \$1.25 per day.
- *So 1915 **Clothing.** 1 reel. Rental \$2.00 per day.
- *So 1050 **Commerce Around the Coffee Cup.** 1 reel.
- *So 1208 **Crossroads of the Pacific.** 1 reel.
- *So 1895 **Development of Transportation, The.** 1 reel. Rental \$2.00 per day.
- *So 830 **England's Coronation.** 1 reel.
- *So 1212 **Gateway to the Pacific.** 1 reel.
- *So 1452 **Glimpses of French Country Life.** 1 reel. Rental 50c per day.
- *So 1194 **Good Neighbors.** Large reel.
- *So 327 **Heritage.** 1 reel.
- So 3025 **Holy Land, The.** 1 reel. Rental \$1.25 per day.
- *So 1189 **Jerry Pulls the Strings.** Large reel.
- 16 mm. **Motion Pictures.** For description, see:
- Nos.
- So 4105 **March of the Movies.** 2 large reels. Rental \$10.00 per day.
- So 3028 **Mexico, Workshops of Old.** 1 reel. Rental \$1.25 per day.
- *So 1451 **Nassau in the Bahamas.** 1 reel. Rental 50c per day.
- *So 1914 **Navajo Indians.** 1 reel. \$2.00 per day.
- *So 1211 **Neptune's Realm.** 1 reel.
- So 3050 **New York, The Wonder City.** 1 reel. Rental 50c per day.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 1966 **News Parade of the Year (No. 3).** 1 reel. Rental 25c per day.
- So 3030 **Norwegian Sketches.** 1 reel. \$1.25 per day.
- *So 1160 **Ohio—Mohican State Park.** 1 reel.
- *So 1161 **Ohio—Caves, etc.** 1 reel.
- *So 1162 **Ohio—Memorial Monument, etc.** 1 reel.
- *So 1163 **Ohio—River Boats, etc.** 1 reel.
- *So 1164 **Ohio—Natural Bridge, etc.** 1 reel.
- *So 1970 **Old Time Movies No. 1, Yesterday Lives Again.** 1 reel. Rental 25c per day.
- *So 1205 **Paths in Palestine.** 1 reel.
- *So 1960 **Proudest Americans.** 1 reel. Rental 50c per day.
- *So 1206 **Roving the Mediterranean.** 1 reel.
- *So 1204 **South American Cruise.** 2 reels.
- *So 1962 **Spain, Yesterday and Today.** 1 reel. Rental 50c per day.
- *So 1454 **Star-Spangled Banner, The.** 1 reel. Rental \$1.00 per day.
- *So 328 **There's Only One (the Nation's Capital).** 1 reel.
- *So 1254 **This Changing World.** 1 reel.
- *So 1959 **Venice and the Glass-Master.** 1 reel. Rental 50c per day.
- *So 1232 **Voices in the Air (transoceanic telephone service).** 1 reel.
- *So 300 **Water Lure.** 1 reel.
- *So 37 **Winter Wonderland.** 1 reel.
- *So 1207 **With the Asiatic Fleet.** 1 reel.
- *So 1968 **World Parade No. 2, Exotic Egypt.** 1 reel. Rental 25c per day.
- *So 1969 **World Parade No. 3, Paris the Beautiful.** 1 reel. Rental 25c per day.
- *So 1967 **World Parade No. 1, Venice the Magnificent.** 1 reel. Rental 25c per day.
- *So 1462 **Zuni Indians, Life of the.** 1 reel. Rental \$1.25 per day. Silent Films..
- *277 **Alaskan Interlude.** 3 reels.
- *266 **Alaska's Silver Millions.** 3 reels.
- *811 **Along the Alaskan Coastline.** 1 reel.
- *809 **America Goes Over.** 5 reels.
- *923 **America's Polar Triumph.** 2 reels. Rental 50c per day.
- *856 **Amsterdam, Canals and Streets of.** 100-foot reel.
- *827 **Andean Trails.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *916 **Beautiful Czechoslovakia.** 1 reel. Rental 25c per day.
- *308 **Big Bend of Texas, The.** 1 reel.
- *846 **By the Side of the Road.** 1 reel.
- *684 **Cairo to Capetown.** 1 reel.
- *439 **Camp Fires Among Snowpeaks.** 1 reel.
- *829 **Caribbean Contrasts.** 1 reel.
- *837 **Cheese Market of Alkmaar, Holland, The.** 100-foot reel.
- *851 **Colonial Williamsburg Restored.** 1 reel.
- *395 **Columbia Basin Project.** 2 reels.
- *443 **Daughter of the Glaciers.** 1 reel.
- *463 **Daylighting the Padres' Trail.** (California) 2 reels.
- *853 **Devil's Playground, The: Death Valley.** 200-foot reel.
- *812 **Down the Yukon River.** 1 reel.
- *830 **England's Coronation.** 1 reel.
- *987 **Egypt, Land of the Pyramids.** 1 reel. Rental 25c per day.
- *425 **Falling Waters.** 1 reel.
- *761 **Finland.** 1 reel.
- *815 **George Washington.** 1 reel.
- *971 **George Washington.** 100-foot reel. Rental 10c per day.
- *833 **Geysers of the Yellowstone.** 100-foot reel.
- *826 **Guatemala.** 1 reel.
- *933 **Hawaii The Beautiful.** 1 reel. Rental 25c per day.
- *813 **Hunters of the Great White North.** 1 reel.
- *834 **Isle of Marken, Holland.** 100-foot reel.
- *831 **Japanese Cabaret, A.** 100-foot reel.
- *832 **Japanese Table Manners.** 100-foot reel.
- *384 **Jewel of the Sierras (Yosemite).** 1 reel, Kodachrome.
- *840 **Kauai-Garden Island of Hawaii.** 100-foot reel.
- *911 **Land of Chu Chin Chow.** 1 reel. Rental 25c per day.
- *424 **Land of Evangeline.** 1 reel.
- *764 **Life on the Equator.** 100-foot reel.
- *930 **Little Indian Weaver, The.** 1 reel. Rental 25c per day.
- *924 **Maker of Mountains.** 1 reel. Rental 50c per day.
- *429 **Maritime Provinces, The.** 1 reel.
- *828 **Mexico.** 1 reel.
- *848 **Mexico—Land of Yesterday.** 1 reel.
- *906 **Mexico—A Travelogue.** 1 reel. Rental 25c per day.
- *454 **Mexico and Its West Coast.** 2 reels.
- *935 **Mexico of the Indians.** 1 reel. Rental 25c per day.
- *430 **Mountaineering Memories.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33. Silent page 66.

Nos.

- *41 **Mount Vernon Memorial Highway, Historic Scenes Along the.** 1 reel.
- *765 **Navajo Indian Life.** 100-foot reel.
- *839 **Niagara Falls.** 100-foot reel.
- *689 **Pasadena Tournament of Roses Parade, 1940.** 2 reels.
Natural color.
- *685 **Peiping—Land of Khan.** 1 reel.
- *947 **People Who Live at the Equator.** 1 reel. Rental \$1.00
per day.
- *951 **People Who Live by the Sea.** 1 reel. Rental \$1.00 per
day.
- *948 **People Who Live in a Crowded Valley.** 1 reel. Rental
\$1.00 per day.
- *949 **People Who Live in the Arctic.** 1 reel. Rental \$1.00
per day.
- *945 **People Who Live in the Desert.** 1 reel. Rental \$1.00
per day.
- *950 **People Who Live in the Mountains.** 1 reel. Rental \$1.00
per day.
- *946 **People Who Live on Great Plains.** 1 reel. Rental \$1.00
per day.
- 998 **Philippine Islands.** 2 reels, Kodachrome. Rental \$2.00
per day.
- *859 **Poland.** 1 reel.
- *428 **River of Deep Waters.** 1 reel.
- *988 **Rome, The Eternal City.** 1 reel. Rental 25c per day.
- *807 **Saving South Sea Savages.** 1 reel.
- *386 **Skyline Trails.** 1 reel. Kodachrome.
- *982 **Spreewald, The.** 100-foot reel. Rental 10c per day.
- *934 **Star-Spangled Banner, Story of the.** 1 reel. Rental 25c
per day.
- *375 **Sumatra—Island of Yesterday.** 1 reel.
- *763 **Swiss Alp Climbers.** 100-foot reel.
- *436 **Tenderfoot Trails.** 1 reel.
- *113 **Through Oil Lands of Europe and Africa—Germany,
France, Spain, Morocco, and Algeria.** 2 reels.
- *114 **Through Oil Lands of Europe and Africa—Italy, Hun-
gary, The Danube, and Rumania.** 2 reels.
- *800 **Tournament of Roses.** 100-foot reel.
- *89 **Transportation.** 2 reels.
- *440 **Valley of a Hundred Peaks, The.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *835 **Waikiki, Surfing—Famous Sport.** 100-foot reel.
- *932 **Wanderers of the Arabian Desert.** 1 reel. Rental 25c per day.
- *458 **Washington—The Greatest National Capital.** 1 reel.
- *838 **Waterfalls of the Yosemite.** 100-foot reel.
- *931 **Wee Scotch Piper, The.** 1 reel. Rental 25c per day.
- *442 **When Day Is Done.** 1 reel.
- *427 **When Winter Comes.** 1 reel.
- *431 **Where Snowtime is Joytime.** 1 reel.
- *434 **Winter Witchery of Niagara.** 1 reel.
- *920 **Work Dogs of the North.** 1 reel. Rental 50c per day.
- *310 **Yellowstone National Park.** 2 reels.
- *927 **Yellowstone Wonderland.** 1 reel. Rental 25c per day.
- *374 **Yosemite Skiways.** 1 reel.

HEALTH

(See Physiology, Health, and Hygiene)

HOME ECONOMICS

(*Core Area Home and Vocational Arts*)

Sound Films.

Nos.

- *So 1915 **Clothing.** 1 reel. Rental \$2.00 per day.
 - *So 1256 **Forest Treasures.** 1 reel. (Large.)
 - *So 1886 **Fungus Plants.** 1 reel. Rental \$2.00 per day.
 - *So 1269 **Hat Parade.** Large reel.
 - *So 1193 **Magic Caves (Cheese).** Large reel.
 - So 3028 **Mexico, Workshops of Old.** 1 reel. Rental \$1.25 per day.
 - *So 1196 **Yesterday, Today, and Tomorrow.** Large reel.
- Silent Films.
- *350 **Bread, The Story of a Loaf of.** 3 reels.
 - *369 **Civilization's Fabric.** 2 reels.
 - *775 **Cotton—From Seed to Cloth.** 2 reels.
 - *955 **Cotton, The Land of.** 1 reel. Rental 50c per day.
 - *352 **Fashions in Foods.** 2 reels. Natural Color.
 - *204 **Food Makes a Difference.** 2 reels.
 - *735 **Helpful Hints for Successful Home Canning.** 1 reel.
 - *601 **Magic Jar, The.** 1 reel.
 - *459 **Milk, Modern.** 1 reel.
 - *694 **Preventing Fires Through Electrical Safety.** 2 reels.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *340 **Principles of Planning and Constructing Low-Priced Homes.** 4 reels.

16 mm. **Motion Pictures.** For description, see:

INDUSTRY, ENGINEERING AND MANUFACTURING

(Core Area Creative and Recreative Arts)

Sound Films.

Nos.

- *So 1167 **Air Waves.** 1 reel.
- *So 1185 **Anti-Freeze—Story of Scientific Research.** Large reel.
- *So 317 **Boulder Dam.** Large reel.
- *So 1170 **Boulder Dam, the Building of.** 1 reel.
- *So 1049 **Broken Barrier, The. (Panama Canal.)** 1 reel.
- *So 1014 **Building the PBY Record Breakers.** 1 reel.
- *So 1915 **Clothing.** 1 reel. Rental \$2.00 per day.
- *So 1460 **Coal, The Story of.** 1 reel. Rental 50c per day.
- *So 1001 **Coffee—From Brazil to You.** 2 reels.
- *So 1050 **Commerce Around the Coffee Cup.** 1 reel.
- *So 1233 **Communications News and Views—Series 2 (apparatus used in communication.)** 1 reel.
- *So 263 **Design and Construction of Three Small Homes at Bethesda, Maryland.** 2 reels.
- *So 1165 **Diesel, the Modern Power.** Large reel.
- *So 1256 **Forest Treasures.** Large reel.
- *So 344 **Fourth Kingdom, The.** Large reel.
- *So 332 **Great Oaks.** 1 reel.
- *So 1220 **Harvest of the Years.** 1 reel.
- *So 1269 **Hat Parade.** Large reel.
- *So 331 **Hidden Values.** Large reel.
- *So 1189 **Jerry Pulls the Strings.** Large reel.
- *So 1191 **Launching of the Steamer William A. Irvin.** 1 reel.
- *So 1193 **Magic Caves (Cheese).** Large reel.
- *So 330 **Monel Metal.** 1 reel.
- *So 1230 **Network Broadcasting.** 1 reel.
- *So 603 **New Romance of Glass, The.** Large reel.
- *So 1153 **Oil—Sincerely Yours.** Large reel.
- *So 1154 **Paint, a Thin Film of.** Large reel.
- *So 1283 **Paint Production, Modern Methods of.** Large reel.
- *So 57 **Pine Ways to Profit.** 2 reels.
- *So 1169 **Progress on Parade.** Large reel.
- *So 1175 **Right Material in the Right Place, The.** 2 reels.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 1222 **Rouge Plant, The.** 1 reel.
- *So 1223 **Safety Glass, The Making of.** 1 reel.
- *So 345 **Science Saves the Surface.** Large reel.
- *So 1176 **Snow Fighters.** 1 reel.
- *So 1179 **Soybeans For Farm and Industry.** 1 reel.
- *So 1258 **Sponge Fishing.** 1 reel.
- *So 1267 **Steel Wool, The Manufacture of Beaver Brand.** 1 reel.
- *So 262 **Stop Silicosis.** 1 reel.
- *So 1192 **Sugar in the Everglades.** 2 reels.
- *So 1197 **Surprise Party, The.** Large reel.
- *So 1168 **Television.** 1 reel.
- *So 1231 **The Voice That Science Made. (Artificial larynx.)** 1 reel.
- *So 1232 **Voices in the Air (transoceanic telephone service).**
1 reel.
- *So 1166 **Where Mileage Begins.** 1 reel.
- *So 1196 **Yesterday, Today, and Tomorrow.** Large reel.
- Silent Films.
- *164 **Aluminum: Fabricating Processes.** 2 reels.
- *163 **Aluminum: Mine to Metal.** 2 reels.
- *74 **Asbestos.** 2 reels.
- *377 **Balloon Racing.** 1 reel.
- *419 **Battling The Tuna.** 1 reel.
- *432 **Battling With Muskies.** 1 reel.
- *734 **Behind the Scenes in the Machine Age.** 3 reels.
- *317 **Boulder Dam.** 5 reels.
- *350 **Bread, The Story of a Loaf of.** 3 reels.
- *389 **Broken Aro Mine.** 1 reel.
- *957 **Cat and the Kit, The.** 1 reel. Rental 50c per day.
- *837 **Cheese Market of Alkmaar, Holland, The.** 100-foot reel.
- *452 **Chicken of the Sea.** 2 reels.
- *369 **Civilization's Fabric.** 2 reels.
- *395 **Columbia Basin Project.** 2 reels.
- *942 **Compressed Air.** 1 reel. Rental 25c per day.
- *751 **Conquering the Jungle.** 1 reel.
- *206 **Coöperative Marketing—Dried Prunes.** 2 reels.
- *316 **Corn, The Golden Grain.** 1 reel.
- *775 **Cotton—From Seed to Cloth.** 2 reels.
- *955 **Cotton, The Land of.** 1 reel. Rental 50c per day.
- *17 **Cotton, Marketing.** 2 reels.
- *441 **Drive Is On, The.** 1 reel.
- *743 **East Meets West.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *153 Evolution of the Oil Industry, The. 4 reels.
- *169 Fabrication of Copper. 3 reels.
- *64 Forestry—Harvesting Uncle Sam's Timber. 2 reels.
- *695 From Cocoon to Spool. 1 reel.
- *731 From Desert Sands to Sparkling Glass Creations. 1 reel.
- *148 From Mountain to Cement Sack. 1 reel.
- *393 From Rags to Roofs. 2 reels.
- *720 From the Woods to the Mill. 1 reel.
- *351 Glass Magic. 3 reels.
- *729 Golden Health. 1 reel.
- *433 Harvest of the Sugar Maple Tree. 1 reel.
- *385 House of Dreams, The. 1 reel.
- *326 Inner Tube, The. 1 reel.
- *718 Jewels of Industry. 2 reels.
- *457 Leather, The Story of. 1 reel.
- *380 Magellan of the Air. 1 reel.
- *601 Magic Jar, The. 1 reel.
- *157 Making A V-Type Engine. 2 reels.
- *438 Making Money. 1 reel.
- *681 Man Made Miracles. 1 reel.
- *365 Manufacture of Milled Toilet Soap. 1 reel.
- *459 Modern Milk. 1 reel.
- *398 Mining of Sulphur in the Gulf Coast Region. Large reel.
- *325 Modern Coal Mining. 1 reel.
- *156 Nickel. 2 reels.
- *954 Potter's Wheel, The. 1 reel. Rental 50c per day.
- *136 Power Within, The. 2 reels.
- *340 Principles of Planning and Constructing Low-Priced Homes. 4 reels.
- *329 Research Paves the Way. 1 reel.
- *603 Romance of Glass. 2 reels.
- *687 Romance of Rubber. 2 reels.
- *162 Safety Glass. 2 reels.
- *173 Steel—Bars and Structural Shapes. 1 reel.
- *172 Steel—Flat Rolled Products. 1 reel.
- *146 Steel—Manufacture of Pipe. 1 reel.
- *144 Steel—Manufacture of Rails. 1 reel.
- *147 Steel—Manufacture of Sheet Steel and Tin Plate. 1 reel.
- *737 Silk Industry, The. 1 reel.
- *145 Steel—Manufacture of Wire Products. 1 reel.
- *176 Steel—Pipe and Tube Manufacture. 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *174 Steel—Rails, Wheels and Axles. 1 reel.
 - *170 Steel—Raw Materials. 1 reel.
 - *171 Steel—The Making of Steel. 1 reel.
 - *175 Steel—Wire and Wire Products. 1 reel.
 - *106 Story of a Spark Plug, The. 2 reels.
 - *100 Story of a Storage Battery. 2 reels.
 - *752 Story of a Tire, The. 1 reel.
 - *99 Story of Gasoline. 2 reels.
 - *120 Story of Lubricating Oil. 2 reels.
 - *719 Story of Monel Metal. 2 reels.
 - *453 Story of My Life, The.—Shoemaking. 2 reels.
 - *364 Story of Soap. 1 reel.
 - *71 Story of Sulphur, The. 2 reels.
 - *756 Story of the Airship, The. 1 reel.
 - *89 Transportation. 2 reels.
 - *376 U.S.S. Akron. 2 reels.
 - *140 Valves, Their Manufacture and Uses. 2 reels.
 - *88 Water Power. 2 reels.
 - *691 What's In a Dress. 1½ reels.
 - *142 Wildwood, A 100% Mechanized Mine. 3 reels.
 - *693 Within the Gates. 2 reels.
- 16 mm. Motion Pictures. For description, see:

LITERATURE AND ENTERTAINMENT

(Including Juvenile)

(Core Area Language Arts)

Sound Films.

Nos.

- *So 1400 Alice in Wonderland. 1 reel. Rental 50c per day.
 - *So 1461 Ceremonial Dances. 1 reel. Rental \$1.25 per day.
 - So 3001 Tapping Toes. 1 reel. Rental 25c per day.
 - So 3032 Teddy Bear's Picnic. 1 reel. Rental 50c per day.
- Silent Films.
- *929 Baby Songbirds at Mealtime. 1 reel.
 - *356 Books—From Manuscript to Classroom. 1 reel.
 - *846 By the Side of the Road. 1 reel.
 - *907 Circus on Parade. 100-foot reel. Rental 10c per day.
 - 997 Dog Show. 1 reel. Rental 50c per day.
 - *917 El Terrible Toreador. 200-foot reel. Rental 25c per day.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- 878 **Gilmore Circus Parade.** 1 reel, 210 feet. Rental \$1.00 per day.
- *905 **Happy Hen and Her Chicks.** 1 reel, 265 feet. Rental 25c per day.
- *802 **In Old Madrid.** 100-foot reel.
- *993 **Jack and the Beanstalk.** 1 reel. Rental 25c per day.
- *808 **Jungleland Baseball.** 100-foot reel.
- *930 **Little Indian Weaver, The.** 1 reel. Rental 25c per day.
- *918 **The Lone Ranger.** 100 feet. Rental 10c per day.
- *821 **Mickey and the Dog Catcher.** 100-foot reel.
- *820 **Mickey Goes Courting.** 100-foot reel.
- *819 **Mickey Goes Hunting.** 100-foot reel.
- *816 **Mickey's Barn Dance.** 100-foot reel.
- *818 **Mickey's Barnyard Melodies.** 100-foot reel.
- *817 **Mickey's Bicycle Race.** 100-foot reel.
- *921 **Night Before Christmas.** 2 reels. Rental \$2.00 per day.
- *689 **Pasadena Tournament of Roses Parade.** 2 reels. (Natural color).
- 998 **Philippine Islands.** 2 reels, Kodachrome. Rental \$2.00 per day.
- *426 **Ride 'Em Cowboy!** 1 reel.
- *931 **Wee Scotch Piper, The.** 1 reel. Rental 25c per day.

MUSIC

(Core Area Creative and Recreative Arts)

Sound Films.

- So 3026 **Bond, Carrie Jacobs.** 1 reel. Rental \$1.25 per day.
- *So 1897 **Brass Choir, The.** 1 reel. Rental \$2.00 per day.
- So 3029 **Dance of the Hours.** 1 reel. Rental \$1.25 per day.
- So 3027 **Foster, Stephen.** 1 reel. Rental \$1.25 per day.
- *So 1893 **Fundamentals of Acoustics.** 1 reel. Rental \$2.00 per day.
- So 3033 **Hungarian Rhapsody (Liszt) No. 2.** 1 reel. Rental \$1.25 per day.
- So 3021 **Kentucky Jubilee Singers (1).** 1 reel. Rental \$1.25 per day.
- So 3022 **Kentucky Jubilee Singers (2).** 1 reel. Rental \$1.25 per day.
- So 3030 **Norwegian Sketches.** 1 reel. Rental \$1.25 per day.
- *So 1892 **Sound Waves and Their Sources.** 1 reel. Rental \$2.00 per day.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *So 1917 **String Choir, The.** 1 reel. Rental \$2.00 per day.
- *So 1002 **United States Marches On, The.** Short reel.

PHYSIOLOGY, HEALTH, AND HYGIENE

(See also Athletics and Sports)

(Core Area Creative and Recreative Arts)

Sound Films.

- *So 1907 **Alimentary Tract.** 1 reel. Rental \$2.00 per day.
 - *So 318 **Behind the Shadows.** 1 reel.
 - *So 1908 **Body Defenses Against Disease.** 1 reel. Rental \$2.00 per day.
 - *So 202 **Choose to Live (Cancer).** Large reel.
 - *So 1012 **Cloud in the Sky (Tuberculosis).** Large reel.
 - *So 1909 **Digestion of Foods.** 1 reel. Rental \$2.00 per day.
 - *So 383 **Glimpse Behind the Doors, A.** 2 large reels.
 - *So 1902 **Heart and Circulation of the Blood.** 1 reel. Rental \$2.00 per day.
 - *So 1913 **Heredity.** 1 reel. Rental \$2.00 per day.
 - *So 1910 **House Fly.** 1 reel. Rental \$2.00 per day.
 - *So 7 **In the Beginning—Reproduction.** Large reel.
 - *So 1046 **Learn to Swim.** 2 reels.
 - *So 278 **Let My People Live (Tuberculosis).** 1 reel.
 - *So 1047 **Life Saving.** 2 reels.
 - *So 1911 **Mechanisms of Breathing.** 1 reel. Rental \$2.00 per day.
 - *So 1048 **Mosquito—Public Enemy, The.** 2 reels.
 - *So 1901 **Nervous System, The.** 1 reel. Rental \$2.00 per day.
 - *So 1011 **On the Firing Line (Tuberculosis).** 1 reel.
 - *So 1912 **Reproduction Among Mammals.** 1 reel. Rental \$2.00 per day.
 - *So 1271 **Solid Foods in the Infant Dietary.** 1 reel.
 - *So 262 **Stop Silicosis.** 1 reel.
 - *So 38 **Syphilis, Three Counties Against.** 2 reels.
 - *So 1198 **With These Weapons.** Large reel. (Syphilis).
 - *So 1007 **Work of the U.S. Public Health Service.** 2 reels.
 - *So 1008 **Work of the U.S. Public Health Service.** 2 reels.
 - *So 1009 **Work of the U.S. Public Health Service.** 2 reels.
 - *So 1010 **Work of the U.S. Public Health Service.** 1 reel.
- Silent Films.
- *776 **Body Framework.** 1 reel.
 - *373 **Cultivation of Living Tissue.** 1 reel.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *633 Diphtheria, The Conquest of. 1 reel.
- *777 Diphtheria. 1 reel.
- *656 Drinking Health. 2 reels.
- 880 Educated Feet. 1 reel. Rental \$1.00 per day.
- *352 Fashion in Foods. 2 reels. (Natural color).
- *778 First Aid—Care of Minor Wounds. Short reel.
- *717 Food and Growth. 1 reel.
- *204 Food Makes a Difference. 2 reels.
- *779 Gift of Life. Part I. 1 reel.
- *780 Gift of Life. Part II. 1 reel.
- *781 Gift of Life. Part III. 1 reel.
- *782 Gift of Life. Part IV. 1 reel.
- *729 Golden Health. 1 reel.
- *692 Guardian of the Home. 1 reel.
- *904 How Teeth Grow. 1 reel.
- *822 How to Live Long and Well. 1 reel.
- *783 How We Hear. Short reel.
- *941 How We See. 1 reel.
- *784 If It's Health You're Seeking. 2 reels.
- *558 Inside Out. 1 reel.
- *372 Living Cell, The. 1 reel.
- *744 Man Against Microbe. 1 reel.
- *847 Milk for You and Me. 1 reel.
- *68 Mosquitoes. 3 reels.
- *690 Mouth Health. 1 reel.
- *785 Muscles. 1 reel.
- *850 Nature—Builder of Teeth. 1 reel.
- *984 Posture. 1 reel. Rental \$1.00 per day.
- *390 Preventing Blindness and Saving Sight. 2 reels.
- *786 Prevention of Burns. 1 reel.
- *787 Purifying Water. 1 reel.
- *823 Rat Menace, The. 1 reel.
- *361 Seeing How You See. 1 reel.
- *789 Sewage Disposal. 1 reel.
- *928 Singing and Stinging. 1 reel. Rental 25c per day.
- *790 The Skin. 1 reel.
- *792 Story of My Life By Tee Bee. 1 reel.
- 996 Children Born With Syphilis. 100 feet. Rental 10c per day. (Not for mixed groups.)
- 995 Syphilis, First Stages. 100 feet. Rental 10c per day. (Not for mixed groups.)
- *762 Syphilis, Its Nature, Prevention and Treatment. 2 reels.

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- *814 **Teeth.** 1 reel.
- *737 **Teeth, Styles in Smiles.** 1 reel.
- *791 **What Price Health?** 1 reel.

RECREATIONAL PROGRAMS

(Including Comedies)

(Core Area Language Arts)

Sound Films.

- *So 1401 **Africa Squeaks.** 1 reel. Rental 50c per day.
- *So 1400 **Alice in Wonderland.** 1 reel. Rental 50c per day.
- So 3997 **Dog Show.** 1 reel. Rental \$1.00 per day.
- *So 1402 **Fiddlesticks.** 1 reel. Rental 50c per day.
- *So 1450 **Futter Curiosity No. 9, W. A.** 1 reel. Rental 50c per day.
- So 3002 **Little Boy Blue.** 1 reel. Rental \$1.00 per day.
- So 4105 **March of the Movies.** 2 large reels. Rental \$10.00 per day.
- So 3000 **Mickey's Good Deed.** 2 reels. Rental \$2.00 per day.
- *So 1970 **Old Time Movies, No. 1, Yesterday Lives Again.** 1 reel. Rental 25c per day.
- *So 391 **Once Upon a Time.** 1 reel.
- So 3004 **Pirate Ship, The.** 1 reel. Rental 1.00 per day.
- *So 1403 **Puppy Love.** 1 reel. Rental 50c per day.
- So 3003 **Romeo and Juliet.** 1 reel. Rental \$1.00 per day.
- So 3031 **Santa's Toy Shop.** 1 reel. Rental \$1.25 per day.
- So 3001 **Tapping Toes.** 1 reel. Rental 25c per day.
- So 3032 **Teddy Bear's Picnic.** 1 reel. Rental 50c per day.

MISCELLANEOUS

Sound Films.

- *So 1195 **How Motion Pictures Move and Talk.** 1 reel.
- *So 1898 **Overcoming the Limitations to Learning.** Large reel. Rental \$2.00 per day.

Silent Films.

- *810 **Teaching Beginners How to Typewrite.** 1 reel.
- *900 **Teaching with Motion Pictures.** 1 reel. Rental \$1.00 per day. (Third reel of "Overcoming the Limitations to Learning.")

*Included in Group Rental.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

Not Included in Group Rental

CINEPIX PROGRAMS

(Musical accompaniment, no dialogue)

- So 4000 **Betsy Ross.** 5 reels. Rental \$5.00 per day.
Story of the Revolution and the making of the first American Flag. Includes flags of 1812, 1865, 1891, and 1918.
- So 4001 **Birth of a Nation, The.** 11 reels. Rental \$10.00 per day.
Sound version, released in 1934, of the original silent production of 1915.
- So 4002 **Across the World with Mr. and Mrs. Martin Johnson.** 9 reels. Rental \$9.00 per day.
Travels of the Martin Johnsons in South Seas and Africa.
- So 4003 **Bottom of the World.** 4 reels. Rental \$4.00 per day.
Story of an Antarctic expedition, showing animal and bird life.
- So 4004 **South Sea Adventures.** 6 reels. Rental \$6.00 per day.
High adventures in the South Seas, with Mr. and Mrs. Gifford Pinchot and their son Giffy. Natives, animals, fish, birds, and flora. Replete with thrills, laughs, and romance.
- So 4100 **El Terrible Toreador.** 1 reel. Rental 50c per day.
A Silly Symphony. Clever cartoon.
- So 4101 **In the Park.** 1 reel. Rental 50c per day.
Charlie Chaplin Comedy—with his famous moustache, cane, and derby.
- So 4102 **Toodle—O—O.** 1 reel. Rental 50c per day.
A clever marionette show, introducing Pepper the Pup and other characters.

FILMS OF KNOWLEDGE

16 mm. Silent

"THE WEE ANNE SERIES"

Not included in Group Rental

Single bookings as listed. Entire series, booked in advance, \$8.00.

- 860 **"Wee Anne's Dog Sandy in Just a Dog's Day.** 1 reel.
150 feet. Rental \$1.00 per day.
- 861 **"Wee Anne and the Snow Man."** 1 reel, 150 feet. Rental
\$1.00 per day.

For descriptions, see: Sound page 33, Silent page 66.

Nos.

- 862 **"Wee Anne Visits the Zoo."** 1 reel. \$1.00 per day.
- 863 **"Wee Anne Visits the Farm."** 2 reels. Rental \$2.00
per day.
- 864 **"Wee Anne's Christmas."** 1 reel. Rental \$1.00 per day.
- 865 **"Wee Anne Sees the Indians."** 1 reel. Rental \$1.00
per day.
- 866 **"Wee Anne Goes Sailing."** 1 reel, 200 feet. Rental \$1.00
per day.
- 867 **"Anne Visits Fish Harbor."** 1 reel, 200 feet. Rental
\$1.00 per day.
- 868 **"Anne Learns About Ocean Liners."** 2 reels. Rental
\$2.00 per day.
- 869 **"Anne Learns About Cargo Boats."** 1 reel. Rental \$1.00
per day.

SOUND

16 mm. Sound Motion Pictures

16 mm. Sound Motion Pictures—

Nos.

(Films Nos. So 6 to So 63, inclusive, and So 200 to So 202, inclusive, secured from the U.S. Department of Agriculture.)

- *So 6 **Block That Termite.** Large reel.
Shows habitat and habits of the termite. Poor construction of buildings and methods of protecting them from termite damage. Shown by animation.
- *So 7 **In the Beginning.** Large reel.
The mysterious prologue to life—the ovulation, fertilization, and early development of the mammalian egg, scenes of spermatozoa attacking the ovum, and remarkable time-lapse cinemicrographs of cell division in the fertilized egg.
- *So 12 **Forest Serves Man, The.** 1 reel.
How the forest furnishes wood, water, food for animals, and refuge for man. Caring for the forest; erosion control; tree nurseries; fires; rain over the trees. Birds, animals, and fish. Fishermen and campers. Musical accompaniment. (U.S.D.A.)
- *So 18 **Flood Weather.** 3 reels.
Sources and causes of floods. Government flood forecasting stations. System of flood forecasting on the Ohio River. Controlling flow of water through dams by means of bear traps and wickets. Scenes of the Potomac River flood of 1936; rescue and relief work. Fire in Cincinnati.
- *So 20 **Flyways of Migratory Waterfowl.** 1 reel.
A record of studies showing that migrations of waterfowl are made over four well-defined routes.
- *So 21 **Game Bird Farming.** 1 reel.
How to raise game birds; emphasis on disease control.
- *So 22 **Forest and Wealth, The.** 1 reel.
How the forest contributes to industry and to the comfort and wealth of mankind.
- *So 23 **Fire Weather.** 2 reels.
Fire control in forests.

*Included in Group Rental.

Nos.

- *So 26 **Grassland.** 1 reel.
Problem of soil conservation on the grazing lands of the arid Southwest. Sheep and cattle on the range; approved methods of attack on the evils of overgrazing.
- *So 27 **Rain on the Plains.** 1 reel.
The Dustbowl.
- *So 28 **Trout Stream Improvement.** 1 reel.
Types of structures and control means used to restore trout streams, and the rearing and planting of trout.
- *So 29 **Regulated Deer Hunting.** 2 reels.
Damage done by deer when they become too numerous; how they are removed by trapping, artificial rearing and shipping of fawns, and by regulated deer hunting, in North Carolina.
- *So 30 **Tree of Life, The.** 2 reels.
The part forests play in community prosperity and improved standards of living, when they are managed for sustained yield of their products.
- *So 31 **Forestry, The ABC of.** 1 reel.
Fundamentals of tree growth; good forestry practices.
- *So 32 **I Pledge My Heart.** 1 reel.
4-H Club Encampment, in Washington, D.C.
- *So 33 **Dusts, Dangerous.** 1 reel.
Fire and explosion in grain elevators.
- *So 34 **Forest Fires, Prevent.** Trailers No. 1, No. 2, and No. 3.
1 reel.
A good woodsman in the woods; the careful fisherman; how to build a camp fire.
- *So 35 **Muddy Waters.** 1 reel.
Flood control.
- *So 36 **Negro Farmer, The.** 3 reels.
What is being done by the Federal and State Extension Services to further the cause of better farming and better living among the southern Negroes. Incidental choral music by Tuskegee Institute Choir.
- *So 37 **Winter Wonderland.** 1 reel.
Varied winter sports that may be enjoyed in the national forests.
- *So 38 **Syphilis, Three Counties Against.** 2 reels.
How control of syphilis is effected in three counties of Georgia.

*Included in Group Rental.

- Nos.
- *So 42 **Sugar Cane.** 2 reels.
Shows how sugar cane is grown and harvested, and how sugar is manufactured, in Louisiana.
- *So 43 **Clouds.** 1 reel.
Important types and their significance.
- *So 45 **Grasshoppers.** 2 reels.
Life cycle and damage done by one of the most devastating insect pests.
- Nos.
- *So 46 **Cricket, The Mormon.** 2 reels.
Life history, migration, and damage done by this pest of western agriculture; control methods.
- *So 48 **Foot-and-Mouth Disease, Suppressing The.** 1 reel.
The effect of this terrible disease, how it spreads, and drastic measures necessary to stamp it out.
- *So 49 **Recreation.** 3 reels.
A trip through national forests, with a forest ranger guide.
- *So 50 **Animals, Do Unto.** 2 reels.
How livestock often are injured and killed in the process of marketing; approved methods in transporting and handling.
- *So 51 **Forest Nursery, Operation of a.** 1 reel.
How tree seeds are gathered and planted and how seedlings are cared for until ready to transplant in the open.
- *So 56 **Stop Forest Fires!** 1 reel.
An appeal for care with fire in the woods.
- *So 57 **Pine Ways to Profit.** 2 reels.
Shows fallacies of burning the southern pine forests. Benefits of proper management of forests.
- *So 58 **Farm and City—Forward Together.** 1 reel.
The interdependence of the farmer and the city worker and how the A.A.A. farm program affects it.
- *So 59 **Terracing in the Northeast.** 1 reel.
Construction and uses of terraces and other erosion control measures.
- *So 60 **Screw Worms.** Large reel.
Life cycle, typical cases of infestation, and methods of control.
- *So 62 **Trees to Tame the Wind.** 1 reel.
Answers the oft-repeated query, "Are the Shelterbelt plantings in the Great Plains States, from North Dakota to Texas, which have been fostered by the Government,

*Included in Group Rental.

Nos.

successful?" Not only depicts the success of the wind-breaks but shows their effects on the lives and fortunes of the people who have taken advantage of them.

- *So 63 **White-Fringed Beetle.** 1,600 feet.

Life history of a serious newly-introduced pest and the various methods being carried on by the Federal and State Governments for the control and eradication of this insect in the Gulf region.

- *So 200 **Poultry—A Billion Dollar Industry.** Large reel.

Magnitude and economic importance of the poultry industry in the U.S. Large and small poultry farms, hatcheries, markets, cold storage plants and handling of poultry products in cold storage, production line methods of dressing poultry, the liquid egg business, education and consumer aspects.

- *So 201 **The Land—To Have and To Hold.** Large reel.

Shows how the coöperative mortgage credit system of national farm loan associations and land banks works in the everyday lives of John and Mary Farmer.

- *So 202 **Choose to Live.** Large reel. A U.S. Public Health Service Picture.

Cancer control. Tells the story of one woman's encounter with cancer and presents a background of educational information on the subject.

- *So 260 **Man Against the River.** 1 reel.

Fire, famine and disease following the great Ohio valley flood of 1937 shown. Works Progress Administration employees coöperate with other Federal agencies, local and state organizations in the work of rescue and rehabilitation.

- *So 261 **Rain for the Earth.** 2 reels.

Dramatic, swift-moving scenes tell a gripping story of man's struggle with the drought in the Great Plains. Sun-parched earth ravaged by blinding dust storms and insect plagues is portrayed. The Works Progress Administration begins its gigantic task of reclamation and conservation in coöperation with other Federal agencies. Farmers in distress turn from idleness to the work of building dams and reservoirs to conserve the rain when it falls.

***Included in Group Rental.**

Nos.

- *So 262 **Stop Silicosis.** 1 reel.
 Animated cross-section of the human body, shows the nose and throat passages through which dust-laden air enters the lungs, causing silicosis. Hazardous conditions under which millions of American workers are employed; disablement from silicosis; practical control measures in use today—wet drilling, exhaust ventilation, wet sweeping, etc.
- *So 263 **Design and Construction of Three Small Homes at Bethesda, Maryland.** 2 reels.
 Building of three different types of houses (from Bulletin 4 of the Federal Housing Administration), selecting the location, laying the foundation, raising the walls to the finished product; explanation of the whys and wherefores of good construction.
- *So 278 **Let My People Live.** 1 reel, sound.
 Tuberculosis among negroes.
- *So 300 **Water Lure.** 1 reel.
 Scenic and C.C.C. work record in Warm Springs and Indian Springs State Parks, Georgia. Theme—importance of medicinal waters in cultural and recreational development of a country. Atmospheric shots of Warm Springs Foundation.
- *So 317 **Boulder Dam.** Large reel.
 A survey of the Boulder Dam project from the first preliminary constructions in 1931 until the present time. The problem of the Colorado River; hazardous condition of surveying; blasting for railroads, highways, and power lines; excavating for the diversion tunnels; building cofferdams in record time; dumping concrete from eight-cubic-yard buckets suspended from cableways; the huge concrete mixing plant; rail skidways and cableway skips to transport men across the canyon; workmen tamping and spraying concrete after dumping; intake towers, spillways and drum gates; manufacturing huge 30-foot pipes to line tunnels. Boulder City, built in fifteen months to accommodate workmen and officials. The official picture of the Department of the Interior.
- *So 318 **Behind the Shadows.** 1 reel.
 A microscopic study of the tubercle bacillus; means of entrance into the body. Diagrams showing infected

*Included in Group Rental.

Nos.

- lung tissue. Stages of infection. Methods of cure and prevention.
- *So 319 **Following a Postage Stamp.** 1 reel.
Complete cycle of a postage stamp: printing, mailing, cancelling, sorting mails in trains, sorting for distribution, delivery of mail.
- *So 327 **Heritage.** 1 reel.
The early struggles of a pioneering race to bring to modern civilization a heritage of a world enlightened and steadily advancing in everyday living, is the story told in this unusual one reel short. Extremely interesting and entertaining.
- *So 328 **There's Only One, the Nation's Capital.** 1 reel.
This subject presents the beauties, historic interest, and lovely scenery of the city of Washington. With the eyes of the world focused upon our Nation's Capital this timely travelogue will prove extremely interesting.
- *So 330 **Monel Metal.** 1 reel.
This story tells how science has kept apace with modern living in order to bring to us the necessary materials so important in the age of speed, comfort, and industries. A worthwhile educational short.
- *So 331 **Hidden Values.** 1 reel, 800 feet.
The various tests given to goods of every description, manufactured and sold.
- *So 332 **Great Oaks.** 1 reel.
How a great organization grew from one efficiently conducted store.
- *So 341 **Disaster, Shock Troops of.** 1 reel.
W.P.A. workers in New England hurricane of 1938.
- *So 343 **Hidden Enemies (Termites).** 1 reel, 788 feet.
A study of the habits of the social insect termite and the destruction caused by it, as well as the method of prevention of termite destruction.
- *So 344 **Fourth Kingdom, The.** 1 reel, 1,200 feet.
The story of Bakelite Plastics. Features, in turn, the numerous materials based on Dr. L. H. Baekeland's original discovery of phenol resinoid . . . molding materials; laminated products, synthetic resins for paints and varnishes, bonding resins for abrasive wheels, plywood and veneers, waterproof fabrics, denture resinoids, cements for bristle setting and lamp basing, and other special products.

*Included in Group Rental.

Nos.

- *So 345 **Science Saves the Surface.** 1 reel, 686 feet.
The story of man's war against the elements for the protection and preservation of his property. Dramatizes the role of science, in the past quarter century, in increasing the durability of paints, varnishes, and enamels by replacing natural gums with Bakelite synthetic resins. Describes all types of finishes from industrial maintenance to household protection, in understandable terms and makes clear to the public the part that the chemist plays in the improvement of modern, durable, more highly protective paints and finishes.
- *So 346 **Work Pays America.** 5 reels.
This is a dramatized record of accomplishments under the Works Progress Administration employment program. It is a moving human document showing public improvements and the conservation of human and natural resources.
- *So 347 **Hands.** 1 reel, 160 feet.
Through pictures of human hands in action, this short subject tells the story of the depression, shows the tremendous scope of the Works Progress Administration employment program and its marked impetus to industrial recovery. It is the first documentary film ever to trace the circulation of money as it passes from the hands of the workman through those of the tradesmen into industrial marts.
- *So 383 **Glimpse Behind the Doors, A.** 2 reels. 2,400 feet.
Manufacture of drugs.
- *So 391 **Once Upon a Time.** 1 reel.
An animated cartoon with musical symphonies. Shows a fairy-land setting used to emphasize the need of safety on the streets. Well-known fairy tale and Mother Goose characters become involved in the present-day types of street and highway accidents through the machinations of two bad goblins—"Carelessness" and "Discourtesy."
- *So 392 **Partners.** 2 reels, 3,200 feet. Farming, cattle breeding. (Films Nos. So 400 to So 402, inclusive, secured from the Canadian Government.)
- *So 400 **Let's Go Skiing.**
Beginners and experts skiing on the snow-covered mountains of Canada.

*Included in Group Rental.

Nos.

- *So 401 **Grey Owl's Little Brother.** 1 reel.
Beavers in Canada befriended by the Indian Grey Owl. Baby beaver and activities shown.
- *So 402 **Return of the Buffalo.** 1 reel.
Traces the fate of the buffalo, from before the Indians came to the near-extinction caused by white men. Preservation of buffalo herds in Canadian park is shown. Film has excellent action shots of animals.
- *So 603 **New Romance of Glass, The.** 2 reels.
Shows how glass was discovered and contrasts the old method of glass-blowing with the modern method of making glass vessels by machinery.
- *So 830 **England's Coronation.** 1 reel.
The Coronation ceremonies; procession to Canterbury Cathedral; the crowning of King George VI by the Archbishop of Canterbury; Princess and Peers pay homage to the King; crowning of the Queen; the return to Buckingham Palace. Troops from every part of the British domain march in procession. The Royal Family acknowledge cheers of the populace from the Palace balcony.
- *So 1000 **Pay Off.** 1 large reel.
W.C.T.U. film on alcohol. Gift of the May Baines Central Union, W.C.T.U., of Houston, as a memorial to their beloved member, Mrs. W. M. Baines.
- *So 1001 **Coffee—From Brazil to You.** 2 reels.
Story of coffee grown in South America, including views of Colombia.
- *So 1002 **The U.S. Marches On.** Short reel.
A stirring visual and vocal presentation of American principles of liberty as embodied in the Preamble of the Constitution. National Anthem group singing.
- *So 1003 **The River.** Large reel. Documentary film.
The story of the Mississippi, interestingly and intelligently presented; from pioneer days of river commerce to present day of floods and devastation. Conservation work.
- *So 1004 **Life of Plants.** 1 reel.
Time-lapse and microphotography showing the development of the plant from seed to flower, illustrated by the cotyledon: seed germination, function and structure of roots, development of leaves and formation of the stem.

*Included in Group Rental.

- Nos. Structure of the flower. Dramatic movement of blossoming iris and rose as shown by time-lapse photography. (U.S.D.A.)
- *So 1006 **President Speaks, The.** 1 reel.
Fireside chats on recovery. Great number of people at relief agencies. Increased number of employed people. Need of social security. Activities of C.C.C., A.A.A., C.W.A., F.P.W., H.O.L.C., T.V.A., Boulder Dam, P.W.A.
- *So 1007 **Work of the U.S. Public Health Service.** 2 reels, Sound.
History and duties; prevention of diseases from abroad; suppression of epidemics.
- *So 1008 **Work of the U.S. Public Health Service.** 2 reels, Sound.
Trachoma; coöperation with state and county health authorities.
- *So 1009 **Work of the U.S. Public Health Service.** 2 reels, Sound.
Pellagra; Tularaemia, Rocky Mountain Spotted Fever; Parrot Fever; Typhus Fever; Public Health aspects of venereal diseases.
- *So 1010 **Work of the U.S. Public Health Service.** 1 reel, Sound.
Marine Hospitals.
- *So 1011 **On the Firing Line.** 1 reel, Sound.
(Tuberculosis.)
Statistical data presented; scenes of tuberculosis sanatoria; prevention work in universities; rural work in the South.
- *So 1012 **Cloud in the Sky.** Large reel.
Tuberculosis among the Mexicans. Story form.
- *So 1014 **Building the P.B.Y. Record Breakers.** 1 reel.
Designing, production, and construction of Consolidated Aircraft Corporation's famous P.B.Y. Record Breaker airplanes.
- *So 1015 **Housing in Our Time.** 1 reel. Documentary film.
The story of housing conditions in our country today and the efforts of the Government to correct these situations. Typical scenes are shown in Jacksonville, Florida.
- *So 1046 **Learn to Swim.** 2 reels. U.S. Department of Agriculture film.
The American Red Cross coöperated with the Civilian Conservation Corps to demonstrate every step in learning to swim; getting used to water, breathing, floating, standard arm and leg strokes, and diving.

*Included in Group Rental.

Nos.

- *So 1047 **Life Saving.** 2 reels. U.S. Department of Agriculture film.
The American Red Cross and the Civilian Conservation Corps coöperated to make this film on Life Saving methods in water. Illustrates Red Cross tests for life saving: strokes, carrying holds, breaking "death grips," carrying unconscious victims, artificial respiration.
- *So 1048 **Mosquito—Public Enemy, The.** 2 reels.
Discusses the mosquito as a pest affecting man and beast; varieties and life history; safeguards and methods of control.
- *So 1049 **Broken Barrier, The.** (Panama Canal.) 1 reel.
A story of Panama; the building of the canal and its operation. Atmosphere sequences of the ruins of Old Panama's civilization are entertainingly described by a world traveler.
- *So 1050 **Commerce Around the Coffee Cup.** 1 reel.
How foreign trade affects the individual. The coffee industry in Brazil used in conjunction with the United States automobile industry to illustrate how international commerce is carried on.
Diagrammatic presentation of the method of arriving at a balance of trade.
- *So 1153 **Oil—Sincerely Yours.** 1 large reel.
The story of oil, from well to consumer.
- *So 1154 **Paint, A Thin Film of.** 1 large reel.
Thickness of paint; components of paint; painting tests; equipment painters use.
- *So 1155 **America Marches On.** 1 reel.
Story of America's growth; how mass production helps everyone.
- *So 1156 **America—Frontiers of the Future.** 1 reel.
The Frontiers of the Future lie in the laboratory, in the manufacture of synthetic products.
- *So 1157 **(Let's Go) America: America, Yesterday, Today and Tomorrow.** 1 reel.
Industrial development of America.
- *So 1158 **(Let's Go) America: Men and Machines.** 1 reel.
Answers the question of machinery replacing man.
- *So 1159 **Baseball, First Century of.** 1 large reel.
A pictorial history of baseball, from Cooperstown to the present major leagues.

*Included in Group Rental.

Nos.

- *So 1160 **Ohio—Mohican State Park.** 1 reel.
- *So 1161 **Ohio—Caves: Rock House, Old Man and Ash; Hocking Forest; Cedar Waterfalls.**
- *So 1162 **Ohio—Memorial Monument Commemorating Peary's Victory, 1812.**
- *So 1163 **Ohio—River Boats; Trip Up the Ohio River.**
- *So 1164 **Ohio—Natural Bridge, Rock Mills and Buckeye Falls.**
- *So 1165 **Diesel, the Modern Power.** 1 reel.
Sequence of animation shows fundamental principles of the Diesel engine. Its many uses in powerhouses, streamlined trains, boats, etc.
- *So 1166 **Where Mileage Begins.** 1 large reel.
By excellent animated diagrams, the workings, operations and assembling of an internal combustion engine are fully explained. General Motors.
- *So 1167 **Air Waves.** 1 reel.
Spectacular and entertaining story of radio broadcasting, from its beginning. Includes the highlights of an NBC Studio Tour through Radio City.
- *So 1168 **Television.** 1 reel.
Non-technical explanation of the broadcasting and receiving of television.
- *So 1169 **Progress on Parade.** Large reel.
Men, methods and materials as combined in the construction of the products of General Motors. Brief views of research, proving ground, and other corporation activities.
- *So 1170 **Boulder Dam, The Building of.** 1 reel.
Part played by International trucks.
- *So 1171 **Bread, Our Daily.** 1 reel.
Modern harvesting equipment—transporting grain to market—the making of bread.
- *So 1172 **Farm Inconveniences.** 1 reel.
A comedy with a good laugh in every sequence.
- *So 1173 **Harvester-Thresher for Every Man, A.** 1 reel.
Field scenes and an interesting story on various models.
- *So 1174 **Power in the Potato Field.** 1 reel.
Growing and harvesting potatoes.
- *So 1175 **Right Material in the Right Place, The.** 2 reels.
Explains the choice of materials for specific purposes; steel mill scenes, including internal operation of various types of furnaces.

*Included in Group Rental.

Nos.

- *So 1176 **Snow Fighters.** 1 reel.
Industrial equipment and motor trucks in snow-removal work.
- *So 1177 **Terracing to Save Our Farms.** 1 reel.
Shows the alarming progress of erosion and corrective measures to check this menace to farm lands.
- *So 1178 **Helpful Henry.** Large reel.
A very comical story of a "City Slicker" starting out to show a farmer how to run his farm.
- *So 1179 **Soybeans for Farm and Industry.** 1 reel.
The growing and industrial uses of soybeans.
- *So 1185 **Anti-Freeze—Story of Scientific Research.** Large reel.
Problems of making a good anti-freeze; also the qualities necessary for a good anti-freeze for automobiles.
- *So 1186 **On Two Wheels.** 1 reel.
Bicycling safety film for boys and girls. Shows the Juvenile Court operated by boys and girls, to pass sentence on Juvenile violators of bicycle traffic laws.
- *So 1187 **We Drivers.** 1 reel.
Highway safety. Problems of the driver, and good driving practices.
- *So 1188 **This Moving World.** Large reel.
History of transportation, from the invention of the wheel to the present time. Excellent for driver training courses.
- *So 1189 **Jerry Pulls the Strings.** Large reel.
Clever puppet show. Story of coffee.
- *So 1190 **We Work Again.** Large reel.
Work of the W.P.A. among the Negroes.
- *So 1191 **Launching of the Steamer William A. Irvin.** 1 reel.
A vivid impression of the launching of one of the larger ore freighters on the Great Lakes.
- *So 1192 **Sugar in the Everglades.** 2 reels.
Development of growth of sugar cane industry in swamp lands of the South.
- *So 1193 **Magic Caves.** Large reel.
The making of Roquefort cheese in caves in France; packaging in the United States.
- *So 1194 **Good Neighbors.** Large reel. Documentary film.
Inauguration of the Good Neighbor Fleet and the Voyage of the S.S. Brazil, showing scenes in the various ports of call by the United States Good Will delegation.

*Included in Group Rental.

Nos.

- *So 1195 **How Motion Pictures Move and Talk.** 1 reel.
Progress of a movie in the making; sound recording made visible by animation and straight photography.
- *So 1196 **Yesterday, Today, and Tomorrow.** Large reel.
The dramatic development of the preservation of food.
- *So 1197 **Surprise Party, The.** Large reel.
Commercial film dealing with salesmanship methods in Texaco filling stations.
- *So 1198 **With These Weapons.** Large reel. (**The Story of Syphilis** by the American Social Hygiene Association.)
Research workers; cause, prevention, treatment. (Very tactfully handled—not very direct.)
- *So 1199 **Protecting the Public.** 1 reel. (Department of Justice, Bureau of Prisons.)
Federal Prison system survey, with emphasis upon rehabilitation of prisoners through training in vocational work, recreation, and discipline.
- *So 1201 **Repair, Supply and Relief.** 2 reels. U.S. Navy film.
Activities of the Base Force.
- *So 1202 **Modern Man-O'-Warsmen.** 2 reels. U.S. Navy film.
Shipboard scenes, showing the daily routine from reveille to taps.
- *So 1203 **Navy Wings of Gold.** 2 reels. U.S. Navy film.
Naval Aviation Training in Pensacola, Florida.
- *So 1204 **South American Cruise.** 2 reels. U.S. Navy film.
A division of heavy cruisers make a trip around South America, through the Straits of Magellan.
- *So 1205 **Paths in Palestine.** 1 reel. U.S. Navy film.
Scenes of the River Jordan, Sea of Galilee, Jerusalem, Bethlehem, and scenes of the crucifixion.
- *So 1206 **Roving the Mediterranean.** 1 reel. U.S. Navy film.
A cruiser's visit to Europe, showing American Blue-jackets taking in the interesting sights on the cruise.
- *So 1207 **With the Asiatic Fleet.** 1 reel. U.S. Navy film.
Sailormen ashore in China. Strange sights in and near Shanghai.
- *So 1208 **Crossroads of the Pacific.** 1 reel. U.S. Navy film.
Showing shipboard scenes and fleet exercises while en route to Hawaiian Islands. Travelogue showing scenes of various points of interest in Hawaiian Islands.

*Included in Group Rental.

Nos.

- *So 1209 **Battle Maneuvers.** 1 reel. U. S. Navy film.
Battleship scenes of personnel simulating engagement with imaginary enemy.
- *So 1210 **Making Craftsmen.** 1 reel. U.S. Navy film.
Trade schools scenes at Naval Training Station, Hampton Roads, Virginia, where "specialists" are made.
- *So 1211 **Neptune's Realm.** 1 reel. U.S. Navy film.
A visit to the Kingdom of Neptunus Rex—showing "crossing the line" ceremonies.
- *So 1212 **Gateway to the Pacific.** 1 reel. U.S. Navy film.
A story of the Panama Canal; views of Balboa and Panama City and early construction scene.
- *So 1213 **Service in Submarines.** 1 reel. U.S. Navy film.
Training personnel for submarine duty.
- *So 1220 **Harvest of the Years.** 1 reel.
An important industrial film by the Ford Motor Company. How the dream of "putting the world on wheels" resulted in the world's largest single industrial development.
- *So 1221 **Adventure Bound.** 1 reel.
An archaeological expedition to the land of the Navajos; Rainbow Bridge, Monument Valley, homes of ancient cliff dwellers, burial grounds, etc.
- *So 1222 **The Rouge Plant.** 1 reel.
The arrival of raw materials, the making of iron into steel, precision machining, gruelling tests, the assembling of the finished car, in the world famous Rouge Plant of the Ford Motor Company, at Dearborn, Michigan.
- *So 1223 **The Making of Safety Glass.** 1 reel.
A film telling what safety glass is and how it is used in motor vehicles.
- *So 1230 **Network Broadcasting.** 1 reel. Southwestern Bell Telephone Film.
Do you know the men and materials that make possible network broadcasting? Here they are in detail.
- *So 1231 **The Voice That Science Made.** 1 reel. Southwestern Bell Telephone Film.
Doomed to a life of silence through the loss of their vocal chords, three men find their speech restored by a mechanical voice-box. The artificial larynx developed by the Bell Telephone Laboratories in coöperation with several prominent surgeons. Shows how the human

*Included in Group Rental.

- Nos. voice organs produce sound and how these organs are duplicated in the artificial larynx.
- *So 1232 **Voices in the Air.** 1 reel. Southwestern Bell Telephone Film.
Travelogue with scenes from Europe, South America, Hawaii, and Japan with animation to illustrate trans-oceanic service.
- *So 1233 **Communications News and Views.** 1 reel. Southwestern Bell Telephone Film.
Sequences on: vacuum tube used in radio telephone service, TWX switchboard which connects thousands of teletypewriter machines, and radio telephone antennas.
- *So 1250 **Modern Magic in Fire Protection.** 1 reel.
By automatically and instantaneously detecting, controlling and extinguishing fires, modern fire protection engineering safeguards life, property and production schedules more completely than ever before. Damage from fire, smoke, and water combined, are shown curbed for the first time by the one amazing fire protection system . . . known as the Rockwood Sprinkler System Dualguard. Scientific study of fires is shown in world's most outstanding fire protection laboratory at Worcester, Massachusetts. Here engineers start fires so that they can learn how to control them most effectively.
- *So 1251 **Remember Jimmy.** 1 reel.
A graphic motion picture presentation of the traffic safety problem . . . presented by the Fireman's Fund Insurance Company. A dramatic journey with a young family who were motoring to the home of grandparents for a family reunion. Everyone laughed at and loved ten-year-old Jimmy whose head was full of football and who was devoted to the family dog, Bill. The film shows how the accident which crippled Jimmy sent him to the sidelines for life.
- *So 1253 **Sheppard and Son.** 2 large reels.
Variety of farming methods. Demonstration of tractors of various kinds. Introduced by cowboys singing "Bury Me Not" and "Adieu, Adieu, Kind Friends, Adieu."
- *So 1254 **This Changing World.** 1 reel.
Compares old and new methods of civilization and shows how nickel and its alloys create luxuries.

*Included in Group Rental.

Nos.

- *So 1255 **Feeding the Multitude.** 1 reel.
Treating seed to control black rot, black mold, and other pests that attack plants, to insure bountiful crop yields.
- *So 1256 **Forest Treasures.** 1 reel, 877 feet.
The fascinating story of the world's rare woods, in making furniture and decorations, from the time of the Pharaohs of Egypt to the latest luxury liners.
- *So 1257 **Chance to Lose, The.** 1 reel.
Various types of highway traffic accidents and the safety measures employed in their prevention. The picture carries the full sponsorship of The National Safety Council, and has just been awarded highest honors by the C. I. T. Safety Foundation for "the most effective motion picture on traffic safety" for 1938.
- *So 1258 **Sponge Fishing.** 1 reel.
A good presentation of sponge fishing and of the preparing and grading of sponges for market.
- *So 1259 **Heads Up Baseball.** 2 large reels.
Views of the 1936 World Series in New York; a group of plays illustrating many misunderstood rules of the game; demonstrations of the scientific aspects of pitching, catching, fielding, batting and baserunning.
- *So 1264 **Fit for the Future.** 1 reel, 1,200 feet.
The activities and interesting life of the Cadets of the Culver Military Academy, Culver, Indiana.
- *So 1265 **Culver Woodcrafters.** (Culver Military Academy, Culver, Indiana.) 1 reel, 600 feet.
Showing activities and camp including parades, canoe trips, council fires, athletic and recreational activities, posture training and handicraft.
- *So 1266 **Alaska's Silver Millions.** 1 reel, 1,200 feet.
Animated maps showing Alaska's relation to the world, scenes of breath-taking grandeur, icebergs forming, salmon battling up the streams to their spawning ground, canneries speedily preparing and canning salmon for market.
- *So 1267 **Manufacture of Beaver Brand Steel Wool, The.** 1 reel.
Growth of the industry; processing machinery, packing and shipping.
- *So 1268 **Bicycling with Complete Safety.** 1 reel.
Bicycling—a lot of fun, an all-round exercise, a great sport, and the cheapest form of transportation—is safe

*Included in Group Rental.

- Nos. for the rider and others, provided the nine rules of safe riding are observed. These rules are demonstrated and explained.
- *So 1269 **Hat Parade.** 1 reel, 850 feet.
A comprehensive story of the hat industry. Beavers, hares, a great rabbit drive in Australia, the principal source of hatters' fur; a short history of Danbury, the "Hat City," and scenes of ancient methods. The ingenious and little known operations in the forming, shaping and finishing of felts, straws, Panamas, boys' hats, millinery bodies—a complete story of "from fur to felt to fashion."
- *So 1270 **Wonder World of Chemistry.** 2 reels.
Scenes in Du Pont chemical plants and laboratories. The story of man-made rubber, of the chemical rainbow of dyes hidden away in coal-tar, and of many other contributions to better living. Scenes showing how plastics and rayon are made from cotton and a style show featuring the latest creations from man-made yarns.
- *So 1271 **Solid Foods in the Infant Dietary.** 1 reel.
How solid foods can and are being used in infant diets.
- *So 1272 **Foods, Romance of.** 1 reel.
Packing and storing of foods in a large packing plant.
- *So 1273 **America, They Discovered.** 1 large reel.
Travelogue of the entire United States.
- *So 1279 **Trees to Tribunes.** 1 large reel.
The Chicago Tribune.
- *So 1280 **Farming—Her Husband's Choice.** 1 reel.
Farm equipment.
- *So 1281 **Canada's Plowing Classic.** 1 reel.
Farm equipment.
- *So 1283 **Paint Production, Modern Methods of.** 1 large reel.
Production of paint; tests and uses of various paints.
- *So 1400 **Alice in Wonderland.** 1 reel. Rental 50c per day.
Screen version of Lewis Carroll's classic for children, portrayed with beauty and imagination. Irving Berlin plays the piano while the magic figures dance through the looking glass.
- *So 1401 **Africa Squeaks.** 1 reel. Rental 50c per day.
Flip finds himself a hunted hunter in a parody on Darkest Africa horror pictures. (Flip the Frog Cartoon.)

*Included in Group Rental.

Nos.

- *So 1402 **Fiddlesticks.** 1 reel. Rental 50c per day.
Flip accompanies Miss Fiddle Mouse on the piano at a Bugville concert. (Flip the Frog Cartoon.)
- *So 1403 **Puppy Love.** 1 reel. Rental 50c per day.
Flip's puppy girl-friend falls into the clutches of a dog-catcher. The rescue brings happiness to everyone but the dog-catcher. (Flip the Frog Cartoon.)
- *So 1450 **W. A. Futter Curiosity No. 9.** 1 reel. Rental 15c per day.
Most interesting picturization of some of the little known curiosities of the world, including the largest and the smallest Bibles, singing trees, sacred cows.
- *So 1451 **Nassau in the Bahamas.** 1 reel. Rental 50c per day.
A travelogue of Nassau.
- *So 1452 **Glimpses of French Country Life.** 1 reel. Rental 50c per day.
For centuries there has been little change in the lives of the devout peasants of Brittany and Normandy. The church is the all-important hub of their existence and the old cathedrals are the solid evidence of their undying faith. Religious processions and a wedding ceremony are shown along with intimate scenes of home life, industry and market activities in the quaint French villages.
- *So 1453 **The American Way.** 1 reel. Rental \$1.00 per day.
An outstanding patriotic, educational sound short. Events of last 20 years in kaleidoscopic resumé, with rise of dictators in Europe. Stresses the meaning of the sacred rights guaranteed Americans by our Constitution. A sincere plea to revalue our precious heritage of freedom!
- *So 1454 **The Star-Spangled Banner.** 1 reel. Rental \$1.00 per day.
Portraying the life of Francis Scott Key, this thrilling costume photoplay has, as its thrill-packed climax, the attack on Fort McHenry, in 1812, witnessed by the captive Key from a British Man-of-War, on which he composed our National Anthem.
- *So 1455 **Wake Up, America!** 1 reel. Rental \$1.00 per day.
A plea for the United States citizen to wake up to the conditions that are taking away the things that have made America great; not to heed the radicals who would change our form of government.

*Included in Group Rental.

Nos.

- *So 1456 **Which Way, America?** 1 reel. Rental \$1.00 per day.
Urgent plea for the United States to stay out of foreign conflicts and out of war.
- *So 1460 **Story of Coal, The.** 1 reel. Rental 50c per day.
How coal is formed through the ages; the mining processes; regions where it is found; uses in the business world, etc.
- *So 1461 **Ceremonial Dances.** 1 reel. Rental \$1.25 per day.
Yei-Ba-Chai Dancers, Navajo; Buffalo Dance, Santa Clara; Sun Dance, Santa Clara; Mountain Sheep, Jemez; Hoop Dance, Taos; Horsetail, Taos; Eagle, Tesuque; Rabbit, Kiowa; Deer, San Juan; Devil Apache; Eagle, Hopi; Corn, Hopi.
- *So 1462 **Life of the Zuni Indians.** 1 reel. Rental \$1.25 per day.
Primitive methods of agriculture, baking, pottery making and handcraft of the Zuni Indians.
- *So 1470 **Aloha.** 1 reel. Rental 50c per day.
A trip through Hawaii: recreations, industries, scenery, natives, etc.
- *So 1800 **Principles of Magnetism (Part 1).** 1 reel. Rental \$1.00 per day.
Polarity: lines of force: reluctance and permeability. Magnetic induction: uses of magnets. Molecular theory of magnetization. Terrestrial magnetism.
- *So 1802 **Principles of Electro-Magnetism (Part 1).** 1 reel. Rental \$1.00 per day.
Electromagnetic phenomena. Relationship between current and magnetic fields: Coils and solenoids: practical applications. Electromagnetic induction: transformers.
- *So 1820 **Earth and Its Seasons, The.** 1 reel. Rental \$1.00 per day.
Why we have changes of seasons, Vernal and Autumnal Equinoxes, Summer and Winter Solstices. Vividly portrayed by photography, animated drawings and voice.
- *So 1821 **Mysteries of Water, The.** 1 reel. Rental \$1.00 per day.
Water as a Chemical, a Food, and a Beverage. The action portrays water, the most common of nature's elements, as man's friend, as a worker, as a builder, and, in turn, as his enemy, a destroyer. Animated drawings are employed to clarify the action.

*Included in Group Rental.

Nos.

- *So 1885 **Dodder, The.** 1 reel. Rental \$2.00 per day.
A parasitic plant. University of Chicago.
The entire life story of the dodder, one of the best known of the group of parasitic flowering plants, is shown by means of time-lapse photography, accompanied by an explanatory narrative. Among the more impressive features is the presentation of the dodder twining about the host plant. Animation aids in revealing details in the structure and operation of the suckers. The destructive character of this plant is demonstrated, as well as the beauty of the flowers.
- *So 1886 **Fungus Plants.** 1 reel. Rental \$2.00 per day.
University of Chicago.
Growth and reproduction of various mushrooms illustrated by time-lapse photography and animation; molds and other fungi. The economic importance of these plants in their use as food, destruction of dead organic matter, their cause of disease in plants. The picture has an unusual aesthetic appeal.
- *So 1887 **Seed Dispersal.** 1 reel. Rental \$2.00 per day. University of Chicago.
Interesting ways by which seeds of plants are scattered in order to insure the propagation of the species; dispersal by the wind, transportation by animals, and forceful propulsion from the seed case. Attention is given to the germination of seeds under various conditions; struggle for survival in the plant world.
- *So 1888 **Frog, The.** 1 reel. Rental \$2.00 per day. University of Chicago.
The entire life cycle of the frog, as the most representative amphibian, is presented, aided by many stopmotion scenes and microscopic views. The development of the embryo is thus brought to the screen in a continuous scene of only a few seconds. The several changes taking place in the tadpole stage are carefully portrayed by picture and narrative. Slow-motion photography demonstrates the graceful movements of the frog in jumping.
- *So 1889 **Butterflies.** 1 reel. Rental \$2.00 per day.
University of Chicago.
The film on butterflies illustrates the complete life history of the cabbage butterfly and the swallow-tail butterfly with their different characteristics and habits, in-

*Included in Group Rental.

Nos.

cluding their role in nature, that of aiding in the cross-fertilization of flowers. Time-lapse photography is employed to show in a few seconds processes which require an hour or more. The destructiveness of the cabbage butterfly, as well as its unusual control by a natural enemy, is dramatically depicted.

- *So 1891 **Oxidation and Reduction.** 1 reel. Rental \$2.00 per day. University of Chicago.

The simultaneous process of oxidation and reduction is presented first by burning phosphorous and rusting iron under experimental conditions. Mercury rust is then decomposed to discover the component of air responsible for oxidation. Other examples of oxidation and oxidizing agents follow. The process of reduction is strikingly presented in the operation of the blast furnace, magnesium burning in dry ice, and thermite welding. Everyday examples of oxidation and reduction conclude the picture.

- *So 1892 **Sound Waves and Their Sources.** 1 reel. Rental \$2.00 per day. University of Chicago.

Demonstration and explanation of several types of sound sources. Transmission of sound waves through the air clearly visualized. Characteristics of sound waves, such as frequency, amplitude, wave length, fundamentals, harmonics, explained visually with acoustic accompaniment.

- *So 1893 **Fundamentals of Acoustics.** 1 reel. Rental \$2.00 per day. University of Chicago.

The phenomenon of hearing and the modification of sound between the source and the hearer are emphasized in this film. The specific elements explained or demonstrated are velocity of sound, refraction, range of hearing, lower intensity, attenuation in air, eliminating high and low frequencies, reverberation and focussing of sound. Extensive use is made of animation and sound effects. The film concludes by indicating advances in communication which have resulted from combining our knowledge of sound and of electricity.

- *So 1894 **Reactions in Plants and Animals.** 1 reel. Rental \$2.00 per day. University of Chicago.

After first characterizing the concepts of "stimulus" and "reaction," the film presents a study of different types

*Included in Group Rental.

Nos.

- *So 1902 **Heart and Circulation of the Blood, The.** 1 reel. Rental \$2.00 per day. University of Chicago.
Mechanics of the pulmonary and systemic systems. Heart action shown by technical animation and natural photography. Amplified heart beat sounds. Microscopic scenes of capillary action. Blood pressure and its relation to health.
- *So 1903 **Energy and Its Transformations.** 1 reel. Rental \$2.00 per day. Erpi film.
Potential, kinetic and radiant energy as manifested in mechanical, chemical, and thermal form, are vividly illustrated and explained. The principle of conservation of energy, and the concepts "power" and "work" are demonstrated in experiments.
- *So 1904 **Bunny Rabbit, Adventures of.** 1 reel. Rental \$2.00 per day. Erpi film.
The characteristics and habits of rabbits in their natural environments are presented. Bunny's experience with Frog, Squirrel and Turtle in woods; with Cows, Chicks, Puppies, Turkeys, on the farm.
- *So 1905 **Gray Squirrel.** 1 reel. Rental \$2.00 per day. Erpi film.
Life portrayed in detail; mother and babies, building nest, etc. A thrilling race with a red fox.
- *So 1906 **Jumps and Pole Vault.** 1 reel. Rental \$2.00 per day. Erpi film.
Includes spectacular demonstrations from actual competition in the running high-jump; running broad-jump; hop, step and jump; and the pole vault. Slow-motion photography makes possible detailed study of form.
- *So 1907 **Ailmentary Tract.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
Motility phenomena of gastro-intestinal tract treated in detail; types of movements in stomach; segmentation and peristalsis of the intestines.
- *So 1908 **Body Defenses Against Disease.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
The body's three lines of defense—skin, phagocytic cells and lymphatics, and the blood; action of liver and spleen.
- *So 1909 **Digestion of Foods.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
Mechanical and chemical aspects of digestion presented, with their controlling factors.

*Included in Group Rental.

Nos.

- *So 1910 **House Fly.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
Four stages of life cycle shown—egg, larva, pupa, and adult; activities as disease carrier.
- *So 1911 **Mechanisms of Breathing.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
Portrays gaseous exchange in the lungs and body tissue cells, artificial respiration; nervous control of breathing.
- *So 1912 **Reproduction Among Mammals.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
Fundamentally complete story of embryology, using domestic pig for illustration.
- *So 1913 **Heredity.** 1 reel, Sound. Rental \$2.00 per day. Erpi film.
Animated drawings explain mitosis and meiosis in relation to the genes; chance combination of sperms and eggs; genotypes and phenotypes and their relationship.
- *So 1914 **Navajo Indians.** 1 reel. Rental \$2.00 per day. Erpi film.
Glimpses of Navajo Indian life: a dance, weaving, gardening, silversmithing, home-building, and cooking; a native wedding.
- *So 1915 **Clothing.** 1 reel. Rental \$2.00 per day. Erpi film.
How man has met his needs for clothing, from primitive days to development of textile arts; influence of environment.
- *So 1916 **Dashes, Hurdles, and Relays.** Large reel. Rental \$3.00 per day. Erpi film.
The technique of the dashes—100, 200, and 400 meters. Three types of good form in hurdling are illustrated. Attention also is given to the techniques of passing the baton in relay races. Slow motion is extensively used.
- *So 1917 **String Choir, The.** 1 reel. Rental \$2.00 per day. Erpi film.
Portrays the wide variety of musical moods and effects conveyed by stringed instruments and thus demonstrates the reason for their bearing the brunt of orchestral interpretations. Reveals the various techniques of performance of stringed instruments from the most advantageous position possible.

*Included in Group Rental.

Nos.

- *So 1941 **Four Seasons, The.—Spring.** 1 reel. Rental 50c per day.
In the early part of the year, when the trees are budding, when the sun brings the frost out of the ground and the woodchuck wakes from his winter's nap, an amazing thing happens to the majestic buck—he loses his spreading antlers.
- *So 1942 **Four Seasons, The.—Summer.** 1 reel. Rental 50c per day.
Summer comes on. The trees are in full bloom, the birds are hunting food for their young, tiny bear cubs frolic through the woods, and the deer starts to sprout a new set of antlers, at the rate of half an inch a day until late in summer the antlers are nearly half their original size.
- *So 1943 **Four Seasons, The.—Autumn.** 1 reel. Rental 50c per day.
Autumn is the brilliant and busy season out of doors. The birds are in flight for the south and the small furred animals are busy in preparation for the winter. The buck's horns have now reached nearly their full size, but they are encased in a soft, moss-like substance. The tadpoles of early spring are full-fledged bull frogs and the caterpillar of the winter before is now a beautiful butterfly.
- *So 1944 **Four Seasons, The.—Winter.** 1 reel. Rental 50c per day.
The season of winter deals largely with the lives of the animals in the cold and snow. Tiny flakes of snow magnified many times their size show them to be more beautiful in their construction than jewels. This is a chapter of the cycle that shows the hibernating animals deep in their winter sleep. The buck deer's spreading antlers have reached their full spread. With the world thus buried under drifts of snow and ice, the cycle of the four seasons is brought to a close.
- *So 1959 **Venice and the Glass-Master.** 1 reel. Rental 50c per day.
Various interesting and beautiful shots of the Grand Canal, Rialto Bridge, St. Marks and its myraid of pigeons, and the Palace of the Doges.
- *So 1960 **Proudest Americans.** 1 reel. Rental 50c per day.
The fast disappearing tribe of American Indians who live in the tangled marshes of South Florida, known as

*Included in Group Rental.

Nos.

the Everglades. These natives have never bowed their heads in submission to the government. They make their own laws and mete out punishment to those members who infringe the laws of the tribe. They fish and hunt in the wild section where they live and respect no game laws of the white man. The film depicts their every-day life.

- *So 1961 **Beautiful Czechoslovakia.** 1 reel. Rental 50c per day. Commonly known as the "Garden of Europe." An exceptional scenic of this beautiful but little known Democracy.

- *So 1962 **Spain, Yesterday and Today.** 1 reel. Rental 50c per day.

Contrasting the Spain of yesterday with that of today.

- *So 1966 **News Parade of the Year (No. 3).** 1 reel. Rental 25c per day.

A real life dramatization of the events which made history during 1937.

- *So 1967 **World Parade No. 1, Venice the Magnificent.** 1 reel. Rental 25c per day.

A most artistic picture of the Queen City of the Adriatic.

- *So 1968 **World Parade No. 2, Exotic Egypt.** 1 reel. Rental 25c per day.

The story of the Nile. A pageant of ancient and modern religious and national customs.

- *So 1969 **World Parade No. 3, Paris the Beautiful.** 1 reel. Rental 25c per day.

A fascinating pictorial record of life in the world's most colorful city. The Eiffel Tower, Champs Elysees, Cathedral of Notre Dame, Old Paris, the Seine.

- *So 1970 **Old Time Movies No. 1, Yesterday Lives Again.** 1 reel. Priceless historic films brought to life again from negatives taken thirty years ago. Lillian Russell, Andrew Carnegie, William Jennings Bryan, Teddy Roosevelt, Caruso, The Kaiser. Sinking of an Austrian battleship, etc.

- So 3000 **Mickey's Good Deed.** 2 reels. Rental \$2.00 per day. Our Gang Comedy.

- So 3001 **Tapping Toes.** 1 reel. Rental 25c per day. Series of tap dances by Kindergarten children.

- So 3002 **Little Boy Blue.** 1 reel. Rental \$1.00 per day. Nursery rhyme comes to life, with Mary's lamb and big bad wolf also adding to the fun. Animated cartoon.

*Included in Group Rental.

Nos.

- So 3003 **Romeo and Juliet.** 1 reel. Rental \$1.00 per day.
A burlesque classic . . . Romeo Mouse . . . lonely Juliet
. . . love . . . action . . . laughs. Animated cartoon.
- So 3004 **Pirate Ship, The.** 1 reel. Rental \$1.00 per day.
Everything jolly in a merry mouse romance on the high
seas. Animated cartoon.

Not Included in Group Rental

- So 3020 **Poetry of Motion, The and Olympic Diving Champions.**
1 reel. Rental \$1.25 per day.
The poetry of motion, as typified by our athletes in
all forms of sport. Our Olympic Diving Champions
demonstrate, in slow motion, the perfect form and grace
that makes the champion in this sport.
- So 3021 **Kentucky Jubilee Singers (1).** 1 reel. Rental \$1.25 per
day.
The following well-known spirituals and old plantation
songs: "Old Kentucky Home," "Swing Low, Sweet
Chariot," and "Great Morning," sung by this outstand-
ing organization of negroes.
- So 3022 **Kentucky Jubilee Singers (2).** 1 reel. Rental \$1.25 per
day.
The following well-known spirituals and old plantation
songs: "Deep River," "Carry Me Back to Old Virginny,"
and "All God's Chillun," sung by this outstanding
organization of negroes.
- So 3023 **Tidal Theory of the Earth's and Moon's Creation: The
Moon in Close-up.** 1 reel. Rental \$1.25 per day.
A graphic description of the earth's evolution with an-
imated drawings showing this evolution according to
the tidal theory compared to the nebular hypothesis.
We see how the pull of gravity of a passing star caused
tidal explosions in the sun that resulted in the birth
of the earth and her sister planets, and the earth's
change from her gaseous state of five billion years ago
into the shrunken solid form she is now. There follows
the story of the birth of the moon and what is hap-
pening to it.
A series of close-up pictures of the moon, taken at the
McMath-Hulbert Observatory. These are said to be
the only ones of their kind ever taken.

Nos.

- So 3024 Evolution.** 1 reel, 1000 feet. Rental \$3.75 per day.
The story of our world and its inhabitants of land, sea, and air, from Creation to the present day.
- So 3025 Holy Land, The.** 1 reel. Rental \$1.25 per day.
Scenes of the life and customs of the Holy Land, which have changed little in 2,000 years.
- So 3026 Carrie Jacobs Bond.** 1 reel. Rental \$1.25 per day.
The songs of Carrie Jacobs Bond, sung by Ralph Kirby. The songs include "The End of a Perfect Day" and "I Love You Truly." Comments by Edwin C. Hill.
- So 3027 Stephen Foster.** 1 reel. Rental \$1.25 per day.
The songs of this American composer are sung during the action of an appropriate playlet. Nancy McCord, John Huntley and the Plantation Singers render: "Uncle Ned," "My Old Kentucky Home," "Oh, Susanna," and "Old Black Joe."
- So 3028 Workshops of Old Mexico.** 1 reel. Rental \$1.25 per day.
Rope, clay, and glass making by hand.
- So 3029 Dance of the Hours.** 1 reel. Rental \$1.25 per day.
Beautiful scenery to interpret the varying moods of the different hours. ("Musical Moods" Series.)
- So 3030 Norwegian Sketches.** 1 reel. Rental \$1.25 per day.
The beautiful scenery of Norway—mountains, fjords, rivers, valleys, with an accompaniment of Norwegian music.
- So 3031 Santa's Toy Shop.** 1 reel. Rental \$1.25 per day.
A charming Marionette show of Santa's toy shop at the North Pole. Dolls, teddy bears, etc., come to life and dance for us.
- So 3032 Teddy Bear's Picnic.** 1 reel. Rental 50c per day.
Scenes of Koala Bears, adult and young, eating and playing.
- So 3033 Hungarian Rhapsody (Liszt) No. 2.** 1 reel. Rental \$1.25 per day.
Played by the symphony orchestra of the Paris Conservatory of Music directed by Professor Oscar Fried.
- So 3050 New York, The Wonder City.** 1 reel. Rental 50c per day.
Intimate glimpses of how people live, skyscrapers, waterfront, famous avenues, Harlem, Rockefeller Center, historic places.

Nos.

- So 3051 **Flag, The Story of Our.** 1 reel. Rental \$1.00 per day. Shows how the flag of England, The Union Jack, was made. How the first colonies adopted a similar flag and the evolution of the flag to the first Stars and Stripes and what each star and stripe stands for. A vivid picture of the United States and how the flag grew with it.
- So 3060 **More Dangerous Than Dynamite.** 1 reel. Rental 50c per day.
A splendid film on prevention of accidents in the home; fires from common causes, etc. Sponsored and highly recommended by the National Junior Chamber of Commerce and the International Association of Fire Chiefs.
- So 3080 **Football Thrills of 1939!** 1 reel. Rental \$1.50 per day. Outstanding plays of 1939 season's ten best games: Ohio-Cornell; Notre Dame-Navy; Northwestern-Oklahoma; Princeton-Harvard; Pennsylvania-Michigan; Pitt-Carnegie Tech; Missouri-New York University; Michigan-Minnesota; Yale-Harvard; Army-Navy. Hardhitting plays and game winning plays, in close-up.
- So 3997 **Dog Show.** 1 reel. Rental \$1.00 per day. A canine carnival! Complete—from mutts to the blue-bloods of dogdom. One of the most appealing movies ever made. Performing dogs—high divers—Labrador retrievers—a thrilling hunt with a pack of thoroughbreds—and a dog show of the finest pedigreed champions in the world.

Not Included in Group Rental**CINEPIX PROGRAMS**

(Musical accompaniment, no dialogue)

Nos.

- So 4000 **Betsy Ross.** 5 reels. Rental \$5.00 per day.
Story of the Revolution and the making of the first American Flag. Includes flags of 1812, 1865, 1891, and 1918.
- So 4001 **Birth of a Nation, The.** 11 reels. Rental \$10.00 per day.
Sound version, released in 1934, of the original silent production of 1915.
- So 4002 **Across the World with Mr. and Mrs. Martin Johnson.** 9 reels. Rental \$9.00 per day.
Travels of the Martin Johnsons in South Seas and Africa.
- So 4003 **Bottom of the World.** 4 reels. Rental \$4.00 per day.
Story of an Antarctic expedition, showing animal and bird life.
- So 4004 **South Sea Adventures.** 6 reels. Rental \$6.00 per day.
High adventures in the South Seas, with Mr. and Mrs. Gifford Pinchot and their son Giffy. Natives, animals, fish, birds, and flora. Replete with thrills, laughs, and romance.
- So 4100 **El Terrible Toreador.** 1 reel. Rental 50c per day.
A Silly Symphony. Clever cartoon.
- So 4101 **In the Park.** 1 reel. Rental 50c per day.
Charlie Chaplin Comedy—with his famous moustache, cane, and derby.
- So 4102 **Toodle—O—O.** 1 reel. Rental 50c per day.
A clever marionette show, introducing Pepper and Pup and other characters.

Nos.

- So 4006 **Football—Outstanding Games of the 1938 Season.** 1 reel. Rental \$1.50 per day.
 Outstanding plays of 1938 season's nine best games: Michigan-Yale; Carnegie Tech-Notre Dame; Columbia-Pennsylvania; Tulane-Mississippi; Cornell-Portsmouth; Notre Dame-Northwestern; Army-Navy; Luke-Pitt.; Texas Christian University-Carnegie Tech.
- So 4105 **March of the Movies.** 2 large reels, 2,4000 feet. Rental \$10.00 per day.
 The development of motion pictures, from the time of Rameses to the perfected sound films of today, including the Egyptian Zoetrope, the Kinematograph, the Cinematoscope, the Kinetoscope, the Mutoscope. Outstanding stars of the silent motion pictures: John Bunny and Flora Finch, Mary Pickford, Mabel Normand, Lillian Gish, Lionel Barrymore, Mae Marsh, Sidney Drew, in "shots" from their first pictures; scenes from "The Birth of a Nation"; also, "shots" of Charles Ray, Rudolph Valentino, Milton Sills, Charlie Chaplin, Lloyd Hamilton, Wm. S. Hart, Dorothy Gish, Dick Barthelmes, Harold Lloyd, Polly Moran, Marie Dressler, Louise Fazenda, Buster Keaton, and Lon Chaney.
- So 5200 **Milk.** 1 reel. Rental \$1.50 per day.
 Primary film on milk—from cow to table.
- So 5201 **Miracle of the Meadows.** 1 large reel. Rental \$3.00 per day.
 Production of raw and pasteurized milk.
- So 5202 **Airliner.** 1 large reel. Rental \$3.00 per day.
 A modern transport plane in actual service.
- So 5204 **Horned Owl.** 1 reel. Rental \$1.50 per day.
 Life cycle of the Horned Owl. Points out characteristics.
- So 5205 **Kangaroo Rat.** 1 reel. Rental \$1.50 per day.
 A nocturnal desert rat, which lives in the desert around the Colorado River. Diets. Use of long tail similar to that of the Kangaroo. Spectacular fight between the Kangaroo Rat and the Sidewinder Rattlesnake.
- So 5206 **Cooper Hawk.** 1 reel. Rental \$1.50 per day.
 The life cycle of the Cooper Hawk, which includes nests, eggs, the young, the adult; their habitats and diets.
- So 5207 **Cony.** 1 reel. Rental \$1.50 per day.
 Life cycle of the Cony, which is related to the rabbit. Lives in mountainous parts of the United States.

Nos.

So 5208 **Roadrunner.** 1 reel. Rental \$1.50 per day.

Life cycle of the Roadrunner. Shows actual hatching of baby bird.

FOR THE IMPROVEMENT OF SOUND-ON-FILM PROJECTION

Efficient projection of talking motion pictures depends on the careful handling of the sound film.

Caution. Never attempt to run a "sound" film on any other than a sound projector. Irreparable damage to sound film will result from running it on a "silent" projector.

The beam of light in the sound head is so fine, and the photo-electric cell so delicate, that every grain of dust on the sound track or the least scratch in the emulsion will cause magnified, unnatural noises and a distortion of the sound.

The film should never be pulled tight, or "cinched" on the reels. When this is done, each layer of film slides on the next and dust particles scratch the emulsion and damage the sound track.

Keep the film gate clean. As the film passes through the gate, a certain amount of emulsion is scraped off which, if allowed to accumulate, forms a hard scale on the guides. Sometimes the friction of this scale is so great that the perforations of the film are torn by the intermittent trying to feed the films thus tightly held.

When the film breaks. If the film should break stop the machine immediately to prevent injuring the film. Rethread the remaining portion, putting the tip end of the rethreaded part far enough under the loose end of the previously projected film on the take-up reel so that the loose end of the projected portion will lap over the tip at least one complete revolution of the lower reel, and thus hold it securely when the projector is started again.

Make no splices in sound films. Breaks in the films will be repaired by the Bureau, where the splices will be properly opaqued. Should the film be mutilated, return the damaged part with the reel, so that the Bureau can make replacement of the identical part, thereby keeping the continuity complete.

Never use bent or defective reels which may injure the sound track.

Be sure to read and preserve the book of instructions sent with your projector. **Follow threading operations in every detail.** Oil as directed. Failure to read and follow instructions causes trouble.

RETURN FILMS PROMPTLY

SILENT

16 mm. Silent Motion Pictures

(Films Nos. 1 to 70, inclusive, and 204 to 206, inclusive, secured from the U. S. Department of Agriculture.)

Nos.

- *1 **Green Pastures.** 1 reel.
Shows how and why forage on range is depleted by over-grazing and how stock should be distributed seasonally.
- *2 **On a Thousand Hills.** 1 reel.
How to save range pasture by deferred and rotation grazing.
- *3 **Brooding and Rearing Chicks.** 2 reels.
Designed to show up-to-date procedure in handling chicks in the brooder house.
- *4 **Duck Farming.** 1 reel.
Breeds of ducks; farm flocks; commercial duck farming on Long Island.
- *5 **Big Game and the National Forests.** 1 reel.
Brings out the relation of the national forests to the preservation of big game and discusses management problems.
- *9 **Porcupine Control in the Western States.** 2 reels.
Shows physical characteristics of the porcupine; damage done; control methods.
- *10 **Routing Rodent Robbers.** 2 reels.
Shows why and how coöperative control of ground squirrels and prairie dogs is conducted.
- *13 **Friends of Man.** 4 reels.
A story picture designed to discourage the practice of "burning off." Includes spectacular scenes of forest fires.
- *14 **It Might Have Been You.** 1 reel.
Portrays a disastrous forest fire and shows what the Forest Service is doing to prevent such a catastrophe.
- *15 **Lest We Forget.** 1 reel.
A story of fire and flood—results in Southern California from a fire in the chaparral cover on the mountains followed by heavy rain.
- *16 **We Can Take It.** 2 reels.
Shows what the Civilian Conservation Corps is doing in California.

*Included in Group Rental.

Nos.

- *17 **Marketing Cotton.** 2 reels.
Coöperative cotton-marketing; the bale from the gin to the mill, or to the seaboard for export shipment.
- *21 **Game Bird Farming.** 1 reel.
Shows how game-bird farming is conducted and how to control disease on game-bird farms.
- *24 **Smoke.** 1 reel.
Forest fires. How to put out a camp fire.
- *25 **Birdbanding, The How and Why of.** 2 reels.
A record of birdbanding activities—how done, why, and results.
- *29 **Regulated Deer Hunting.** 2 reels.
Shows damage done by deer when they become too numerous, and methods of control.
- *39 **Bread, Our Daily.** 1 reel.
Animated cartoon portraying the A.A.A. farm program in the Wheat Belt.
- *40 **Plenty Without Waste.** 1 reel.
Animated cartoon portraying the A.A.A. farm program in the Corn Belt.
- *41 **Mt. Vernon Memorial Highway, Historic Scenes Along the.** 1 reel.
Contains views of many historic colonial homes and public buildings, and the reënactment of colonial events.
- *44 **Balanced Plenty.** 1 reel.
Animated sketch, showing the A.A.A. program for balanced marketing of grains.
- *52 **Game Management.** 2 reels.
Methods employed in managing deer on the Kaibab National Forest, Arizona.
- *53 **Forests and Streams.** 1 reel.
The importance of protecting the forest soil and maintaining its water-storage capacity.
- *54 **Forests Serve, How.** 1 reel.
The values of the forest to mankind and the importance of proper management of the forest.
- *55 **Forestry—Marking Timber.** 2 reels.
Fundamentals of timber marking, using western yellow pine in the Black Hills as an example.
- *60 **Screw Worms.** 2 reels.
Life cycle, typical cases of infestation, and methods of control.

*Included in Group Rental.

Nos.

- *61 **Forest Fires or Game?** 1 reel.
An exposition of forests as a home for game, forest streams a home for fish. Forest fires and unrestricted hunting and fishing destroy both the occupants and the home.
- *64 **Forestry—Harvesting Uncle Sam's Timber.** 2 reels.
Disposal of mature timber in the national forests—how the Forest Service supervises logging operations to insure the perpetuation of the forest.
- *65 **Why Moths Leave Home.** 1 reel.
Shows damage done by clothes moths to fabrics, feathers, bristles, and upholstery and different methods of getting rid of this pest.
- *66 **Horses and Bots.** 2 reels.
Shows the three types of botflies; how they attack horses and mules; how they render horses useless for work; methods of treatment; how botfly-eradication campaigns are carried out.
- *67 **Irrigation—A Brief Outline.** 1 reel.
Important points on irrigation.
- *68 **Mosquitoes.** 3 reels.
Life history.
- *69 **Honeybee, The Realm of the.** 4 reels.
Its life history.
- *70 **Winter Sports in the National Forests of California.** 1 reel.
Opportunities for winter sports offered by California's national forests.
(Films Nos. 71 to 176, inclusive, secured from the U.S. Bureau of Mines.)
- *71 **Story of Sulphur, The.** 2 reels.
Sources and deposits of sulphur; Frasch process; uses of sulphur, manufacture and uses of sulphuric acid, taken at Sulphur, Texas.
- *74 **Asbestos.** 2 reels.
Mining, cobbing, crushing, drying, sorting asbestos fiber and making asbestos yarn; spinning, weaving, grading asbestos tubing; asbestos roofing, manufacture of asbestos wood and electrobestos.
- *88 **Water Power.** 2 reels.
Beautiful scenic pictures and animated drawings explaining how the energy of falling water may be utilized.

*Included in Group Rental.

Nos.

- *89 Transportation. 2 reels.**
Shows methods of transportation beginning with the sled, drawn and pushed by slaves under the lash, and then the development up to the high-powered electric locomotive.
- *99 Story of Gasoline. 2 reels.**
An oil field, a tank farm, pumping station, view of oil refineries, etc.; chemical treatment of gasoline and final distillation; recovery of gasoline from natural gas by compression and condensation, with test laboratories on processes of distilling.
- *100 Story of a Storage Battery. 2 reels.**
Shows the uses of a storage battery, automobile starting and lighting, farmhouse lighting systems and radio; inspection of plates and testing of rubber cases for leaks, making of wooden cases for batteries. An animated drawing shows how the specific gravity of the electrolyte in a battery goes up and down as battery is charged and discharged.
- *106 Story of a Spark Plug, The. 2 reels.**
First reel: operation and use of spark plugs in gasoline engines, fire trucks, airplanes, motor boats and tractors. Action of spark plug in cylinder and value of good insulator are shown by animated photography. Also depicts mining of sillimanite in California. Second reel: insulators machined to proper shape, glazed and baked, and completed insulators subjected to heat, chill, pull and electric tests; making of brass caps and electrodes, assembling, point setting and packing. Gives suggestions on proper operation of spark plugs.
- *113 Through Oil Lands of Europe and Africa—Germany, France, Spain, Morocco, and Algeria. 2 reels.**
Reel 1 shows the oil field at Wietze, Germany; Celle oil field; Pechelbronn field near Strassburg, Alsace, with drill in action, and production of oil by mining oil sands; docks at Havre, France; shipping of oil in Paris by barge on Seine and by truck. Reel 2 shows scenes in Madrid, and irrigation water wheel outside city, with peasants washing clothes; ancient gates at Toledo, panorama of city, and views of natives; the Alhambra at Granada, with close-up views of the richly-carved walls and ceilings; stripping bark from cork oaks and

***Included in Group Rental.**

Nos.

its transportation by carts and donkeys to manufacturing centers; Morocco seaport, Cueta, across straits from Gibraltar, and market place at Tangier. There are also views of Fez, capital of Morocco, Oran, Medjilah oil fields near Tiluanet, and Mohammedan burial places, known as Tombs of Holy Men.

***114 Through Oil Lands of Europe and Africa—Italy, Hungary, The Danube, and Rumania. 2 reels.**

Reel 1, Naples, Mount Vesuvius, and harbor, and also oil field of Villeja, with 200 wells, south of River Po; wells of Montechino, Centro Pozzi, Salsomaggiore; view of glass-enclosed reservoir where mud, water, and gas are separated from oil; and views in Venice of Rialto, Rialto Bridge, Grand Canal, Ca'd'Oro palace, built in 1421, St. Mark's Cathedral, and Bridge of Sighs. Views are shown of market place of Mezokovesa, Hungary, Hungarian soldiers, people in fete-day costumes, floating mills in Danube River below Budapest with machinery driven by current, Trajan's road along the river bank, Island of Ada Kaleh, and famous Iron Gates at eastern end of Kazan Pass; transportation of oil from Rumanian fields on Danube by barge, oil port of Giurgiu, Rumania; and Russe across river. Reel 2 shows army encampment in Rumania, Rumanian village wedding, and making of mats and baskets from reeds grown in Danube swamps. Reel 3 shows supplies transported to oil fields by bullock wagons, field storage tanks of wood reinforced with reeds, gypsies, modern steel derricks at Balcoi field, Bustenari field with its many hand-dug wells, and women raising and lowering pipe by hand.

***120 Story of Lubricating Oil. 2 reels.**

Reel 1: importance of lubrication to machinery; stills used in separating various products from crude oil; animated drawings of operation of still; treatment of crude lubricating oil to remove impurities; removal of paraffin wax; separation of oil into various grades in reducing stills; filtration. Reel 2: bottom stock remaining after distillation of crude oil through treatment with chemicals to take out impurities, separation of petroleum by centrifuges, and blending of various grades and types of oils to make lubricants for every purpose; flash and viscosity tests in laboratory and application of correct lubricants to automobile, airplane, and Diesel engines.

***Included in Group Rental.**

Nos.

- *136 **Power Within, The.** 2 reels.
Story of the Internal Combustion Engine.
- *140 **Valves, Their Manufacture and Uses.** 2 reels.
Reel 1 gives close-up views and cross sections of angle, globe, gate, and check valves, with salesman demonstrating use in home to his family. He explains how valves are made, and his story is illustrated by scenes of manufacture at plant—mixture of tin, lead, and zinc for brass valves; charging into electric brass-melting furnaces; topping; pouring molten metal into molds; making cores; breaking molds; knocking cores out of castings; and sand-blasting castings.
Reel 2 shows machining of castings; assembling of valves; steam testing for leakage; and wrapping for shipment. Close-up views of automobile engine, with cross sections of poppet, butterfly, check, and gate valves; show 27-foot butterfly valve, largest made, controlling flow of water to great turbogenerators at powerful Conowingo (Md.) hydro-electric plant; and depict passage of ship through Panama Canal with 7-foot gate valve regulating water level in locks. Reel 3 pictures Roosevelt irrigation dam in Arizona, where gate valves hold back water and feed it to farming projects in desert; scenes in Oklahoma oil field, where valves are used to bring gushing oil well under control and handle flow of oil through thousand-mile pipe lines; Bureau of Mines plant at Amarillo, Texas, where helium is extracted from natural gas and valves are indispensable in controlling separation of helium from natural gas and in storing separated helium in tanks while awaiting shipment; large dirigible landing in front of Capitol in Washington; and fire engine subduing flames that threaten building, showing important part of valves in fire fighting.
- *142 **"Wildwood," a 100-Per Cent-Mechanized Mine.** 3 reels.
The story of a 100-per cent-mechanized Pennsylvania coal mine.
- *148 **From Mountain to Cement Sack.** 1 reel.
Opens with familiar sight—boys watching cement being mixed. One of group later asks his father about Portland cement and is directed to consult encyclopedia. Succeeding scenes picture most important of 80 processes involved in cement manufacture as explained to

*Included in Group Rental.

Nos.

boy by manikin who steps from encyclopedia. Portland cement is defined and parallel drawn between bread making and cement making. Views follow of quarrying, loading, crushing, and grinding of limestone and preparation of clay, slag, and shale. Just as bread is baked to make it edible raw cement materials are "burned" in intense heat to produce clinker. Before use as cement the latter must, however, be ground and mixed with gypsum—a white material that regulates setting time. Tube mills are shown pulverizing mixture of clinker and gypsum fine enough to pass through sieve that holds water. Device is shown picking up sample for testing, and typical laboratory scene follows: Reel concludes with final steps in preparing cement—tying and filling sacks.

***153 Evolution of the Oil Industry, The. 4 reels.**

Reel 1 traces development of petroleum industry from earliest times and emphasizes importance of petroleum to modern civilization. Shows building of Noah's ark, construction of temples by disciples of Zoroaster over petroleum seepages where the sacred flames were worshipped, use of petroleum pitch and oil by Babylonians in defense of their cities, burning of petroleum in sacrificial rites of Central American Aztecs; and utilization of petroleum for medicinal purposes by American Indians. Presents details of bringing-in Drake well, first producing oil well in America in 1859.

Reel 2 shows pioneer days of the American oil industry—difficult transportation of crude oil over bad roads, by teams of horses and wagons, and on creeks by barges floated by spring freshets to the Allegheny River where steamers awaited cargoes; "spring-pole" method of drilling; first use of kerosene as illuminating fluid; early use of petroleum as lubricant on trains; use of gasoline as fuel for internal-combustion engines, which marked beginning of automobile industry; successful laying of 4-mile pipe line in 1865.

Reel 3 shows transportation of oil by specially constructed tank ships, improvements in drilling methods—modern 2-ton "string" tool capable of forcing its way through earth and rock to depth of several thousand feet compared to tools weighing 300 pounds used by

***Included in Group Rental.**

Nos.

Colonel Drake; steel rigs sometime reaching height of 136 feet compared to Drake rig 49 feet high. Pictures part played by petroleum during World War—its use in automobiles and army transport trucks, transportation of oil to Europe by tank ships. Shows pipe-line pump station; panorama of oil storage tanks, many of 80,000-barrel capacity; modern refineries embodying latest improvements in refinery practice; use of fuel oil in Diesel engines, and, instead of coal, on steamships and railroads. Reel closes with animated map of United States showing location of 110,000 miles of pipe line, and gives, by animation, statistics on oil consumption for 1890, 1918, and 1931.

***156 Nickel. 2 reels.**

Reel 1 opens with a scene more than half a mile below the earth's surface, where nickel ore is being mined, loaded into cars, hauled to the bottom of the shaft, and crushed. Huge electric hoists bring the ore to the surface where it is crushed again, passed over a picking belt, pulverized in rod mills, concentrated by flotation, and smelted, in reverberatory furnaces and converters. Scenes that follow show spectacular operations of drawing the slag and tapping a cupola furnace, also electrolytic refining and casting.

Reel 2 portrays the increased importance of nickel alloys, chiefly those with iron, steel, and copper. It shows the electric furnace in which the alloys are made, tapping the furnace, pouring into molds, and forging ingots. Other scenes portray handling of ingots, pre-heating of blooms, annealing furnaces, rolling mills, a pickling plant, and other incidental manufacturing operations. The film ends with several spectacular scenes showing how nickel is utilized in industry, in sports, and in the home.

***157 Making a V-Type Engine. 2 reels.**

This picture shows unloading of ore boat, storage of iron ore, charging and tapping of blast furnaces, hauling of molten iron, charging electric or air furnaces, adding alloys, building molds, and casting molten iron. Other scenes picture heat treatment and machining operations on various parts of the engine, as well as checking the finished parts for accuracy. The picture

***Included in Group Rental.**

Nos.

concludes with views showing assembly of the various parts to complete the engine, which is tested and placed in the chassis of an automobile.

***162 Safety Glass. 2 reels.**

Quarrying of silica sand. Milling and shipment of glass plant. Entire process of making safety glass.

***163 Aluminum: Mine to Metal. 2 reels.**

Uses of aluminum in transportation, in the home, in building, and in industry. Illustrates, by animation, operation of the electrolytic cell in which aluminum is made. Charging pigs in furnace, removing metal from furnace, and pouring into ingots which are then ready for fabrication of products.

***164 Aluminum: Fabricating Processes. 2 reels.**

Working and shaping of aluminum into various forms. Illustrates making of castings by three processes: sand, die, and permanent-mold castings.

***169 Fabrication of Copper. 3 reels.**

Transportation of copper as wire bars from refinery to rolling mill. Shows braided cotton being impregnated with air-blown petroleum asphalt and coated with stearine pitch. Testing tinned wire in polysulphide solution; weighing and mixing materials that form rubber compound. Explains, in detail, the making of paper-insulated cable which is standard for underground transmission. Describes making and operation of oil-filled cable used for transmission at very high voltages. Depicts fabrication in huge press where 5,000,000 pounds pressure is applied to hot-forge, pierce, and extrude billets. Scenes showing research and scientific studies being carried on in laboratory.

***170 Steel—Raw Materials. 1 reel.**

Title explanatory.

***171 Steel—The Making of Steel. 1 reel.**

Title explanatory.

***172 Steel—Flat Rolled Products. 1 reel.**

Title explanatory.

***173 Steel—Bars and Structural Shapes. 1 reel.**

Title explanatory.

***174 Steel—Rails, Wheels and Axles. 1 reel.**

Title explanatory.

***Included in Group Rental.**

Nos.

- *175 **Steel—Wire and Wire Products.** 1 reel.
Title explanatory.
- *176 **Steel—Pipe and Tube Manufacture.** 1 reel.
Title explanatory.
- *204 **Food Makes a Difference.** 2 reels.
The results of proper nutrition for children; how laboratory tests are conducted to determine the effects of various foods; development and growth of flesh and bone.
- *205 **T. B. Or Not T. B.** 2 reels.
Fowl tuberculosis and methods of combatting a plague that is taking a high toll among the flocks of Midwestern States.
- *206 **Coöperative Marketing—Dried Prunes.** 2 reels.
Shows what has been accomplished by coöperative organizations and gives, in detail, every important step in picking, packing, and marketing prunes.
- *266 **Alaska's Silver Millions.** 3 reels.
Animated maps showing Alaska's relation to the world, scenes of breath-taking grandeur, icebergs forming, salmon battling up the streams to their spawning ground, canneries speedily preparing and canning salmon for market.
- *277 **Alaskan Interlude.** 3 reels.
Travelogue.
- *308 **Big Bend of Texas, The.** 1 reel.
Illustrates and emphasizes geographical extent of State, shows oil and gas fields, Government helium plant, sulphur industry, C.C.C work, ranching, and natural scenic wonders of the Big Bend Park.
- *310 **Yellowstone National Park.** 2 reels.
The natural wonders of the oldest and largest national park in the United States, featuring the geysers, hot springs, and the magnificent canyon—"Old Faithful"—in all her glory.
- *314 **Green Acres.** 2 reels. Natural color.
Importance of fertilizing pasture lands. Same field with and without fertilizer shown. Comparison made. How and when to graze is emphasized.
- *316 **Corn, The Golden Grain.** 1 reel. Corn flakes.

*Included in Group Rental.

Nos.

- *317 **Boulder Dam.** 5 reels.
Construction of Boulder Dam, from start to finish, is described. Scenes of construction processes are explained.
- *325 **Modern Coal Mining.** 1 reel.
A tour, underground, where labor-saving machinery, electrically driven, has replaced the methods used for hundreds of years.
- *326 **Inner Tube, The.** 1 reel.
Various stages of construction of the Goodyear inner tube.
- *333 **Follow The White Traffic Marker.** 1 reel.
Illustrates the important part played by white traffic markers in center of the road—the ingredients and methods of making these markers, their utilization from coast to coast in the streets, highways, at school and railroad crossings, and at safety islands and curbsings. Shows safety signs which aid in preventing accidents: "Slow Dangerous Dip"; "Stop"; "Slippery When Wet"; "S Curve"; "School Caution Crossing."
- *340 **Principles of Planning and Constructing Low-Priced Homes.** 4 reels. Federal Housing Administration film.
Selection of economical house plans and desirable neighborhood. Emphasis in last three reels on details of good construction practices.
- 342 **Speaking of Safety.** 1 reel.
Safety education for children. Types of accidents that are likely to occur and how to avoid. Instructions in looking at traffic signals and following them. Examples of why children should not hook rides; play or ride bicycles in street.
- *350 **Bread The Story of a Loaf of.** 3 reels.
A brief history of baking; from ancient times; trip through a modern bakery.
- *351 **Glass Magic.** 3 reels. The manufacture of spectacle lenses.
- *352 **Fashions in Foods.** 2 reels. Natural color.
Varieties of menus of how to serve fresh fruits. Many recipes given, with demonstration followups.
- *353 **Kansas 4-H Club Exhibit, 1933.** 1 reel.
Exhibit of prize-winning stock: hogs, calves, baby beef, etc.
4-H Club work.

*Included in Group Rental.

Nos.

- *354 **Red Robber, The.** 2 reels. Fire prevention. Features the large annual loss to farm homes from fires and the great danger of such fires to human life. It demonstrates conclusively the wisdom of fire prevention by the use of fire extinguishers.
- *356 **Books—From Manuscript to Classroom.** 1 reel. The motion picture story of a textbook; the typesetting, presses, trimming and all other processes in making a book are shown.
- *361 **Seeing How You See.** 1 reel. Comparison of eye with scientifically ground lens of camera—showing distortion of true vision—result of eye defects.
- *364 **Story of Soap.** 1 reel. Manufacture of soap from the crude ingredients to the finished product.
- *365 **Manufacture of Milled Toilet Soap.** 1 reel. Making of high quality toilet soap from vegetable oils.
- *369 **Civilizations Fabric.** 2 reels. The manufacture of cotton fabric, including methods of ginning, carding, drawing, weaving, and finished product.
- *372 **Living Cell, The.** 1 reel. Pictures the division and growth of single-celled organisms: yeast, amoeba, paramecium—many celled organisms: tissue cells.
- *373 **Cultivation of Living Tissue.** 1 reel. Growth of normal and cancer cells in artificial media; effect of radium on both. Good microphotography of cell growth and division.
- *374 **Yosemite Skiways.** 1 reel. The sunny, snow-clad slopes of Yosemite in winter and the popular sport of ski riding. Includes long inspiring ski run, with thrills and spills.
- *375 **Sumatra—Island of Yesterday.** 1 reel. Native celebration; dances; oxcarts; cleaning of lands for plantations; young trees; natives; bathing; distributing rice; tom-tom wakes the natives; tapping for and refining of latex; smoke-crowned volcanoes.
- *376 **U.S.S. Akron.** 2 reels. Building of frame; completed skeleton; covering of frame; motor compartments; cabin space; mechanism;

*Included in Group Rental.

Nos.

- central cabin; helium for inflation; christening by Mrs. Herbert Hoover; Admiral Moffett; maiden flight, 1931.
- *377 **Balloon Racing.** 1 reel.
Stunting. Taking off on races.
- *378 **Bad Master, The.** 1 reel.
Fire hazards in the home, vividly portrayed.
- *380 **Magellan of the Air.** 1 reel.
Dr. Hugo Eckener and his Graf Zeppelin. Parades in his honor.
Lindbergh and wife. Balloon flying scenes. Airship factory.
- *384 **Jewel of the Sierras.** 1 reel. Kodachrome.
Valley of Yosemite, with waterfalls, mountains, trails, recreational facilities, wild life. Mariposa Grove of big trees and Glacier Point.
- *385 **House of Dreams, The.** 1 reel.
Poor example with rusted gutters, screens, pipes, leaking roof. A model home with bronze and copper plumbing and screening, special roofing and weather insulating.
- *386 **Skyline Trails.** 1 reel. Kodachrome.
Horseback trip through Yosemite High Sierras to lakes, forests, streams, and mountain fastnesses that can be reached by no other means.
- *389 **Broken Aro Mine.** 1 reel
Operations at the Broken Aro Mine.
- *390 **Preventing Blindness and Saving Sight.** 2 reels.
Shows the causes of blindness, and the simple precautions which, if observed, will preserve the vision of many people.
- *393 **From Rags to Roofs.** 2 reels.
The story of how asphalt shingles are made from rags, slate and asphalt.
- *395 **Columbia Basin Project.** 2 reels. Grand Coulee Dam.
- *398 **Mining of Sulphur in the Gulf Coast Region.** 1 reel,
1,200 feet.
Shows, by animated photography, how sulphur is melted, 1,000 feet below the earth's surface by superheated water and is forced, by compressed air, to the surface, where it is run into huge vats and solidified; also shows building of vats and blasting and loading of sulphur into cars. Shows how sulphur is used—for

*Included in Group Rental.

Nos.

drugs, fumigating and bleaching in the preparation of dried fruits, in the rubber industry, in explosives, in the paper industry and for sulphuric acid.
(Films Nos. 419 to 451, inclusive, secured from the Canadian Government.)

- *419 **Battling The Tuna.** 1 reel.
Fishing for game tuna from a small boat off the coast of Nova Scotia.
- *420 **Bird City.** 1 reel.
Scenes of bird family life on shores near Johnson Lake, in Canada; pelicans, gulls, terns, teals, cormorants, great blue herons.
- *421 **Warriors of the Deep.** 1 reel.
Broadbill swordfish—off coast of Nova Scotia. Four hours' fight to catch 600-pound fish.
- *422 **Hunting Without a Gun.** 1 reel.
Deer, moose, grizzly bear and other species of wild animals, in Canadian National Parks.
- *423 **Wild Life Ways.** 1 reel.
Various species of Canadian animals and birds in their native habitat.
- *424 **Land of Evangeline.** 1 reel.
Historic Minas region of Nova Scotia immortalized in Longfellow's poem, "Evangeline." Views of the scenery of this old Acadian land as well as glimpses of Evangeline's Well, Grand Pré, the old dykes, mighty Blomidon, and other famous landmarks.
- *425 **Falling Waters.** 1 reel.
A scenic film depicting many of Canada's most picturesque waterfalls with descriptive poetic titles from the works of famous nature poets.
- *426 **Ride 'Em Cowboy!** 1 reel.
Calgary Stampede where many famous cowboys and riders compete in broncho busting, wild steer and horse riding, calf tying, bulldogging, and other contests.
- *427 **When Winter Comes.** 1 reel.
The experiences of a party of tourists vacationing on a "dude ranch" in the heart of the Canadian Rockies.
- *428 **River of Deep Waters.** 1 reel.
The Saguenay River of Canada from Montreal to Chicoutimi.

*Included in Group Rental.

Nos.

- *429 **Maritime Provinces, The.** 1 reel.
Visits through Nova Scotia, New Brunswick, Prince Edward Island, and Cape Breton Island with the important cities and scenic spots of these districts.
- *430 **Mountaineering Memories.** 1 reel.
Efforts to climb the tremendous glacier, Mount Asiniboine.
- *431 **Where Snowtime Is Joytime.** 1 reel.
Skiing, popular sport which has taken winter sport enthusiasts of the world by storm, as indulged in by members of the world's largest ski clubs in the snow-clad Gattineau Hills adjacent to Ottawa, Canada.
- *432 **Battling With Muskies.** 1 reel. A sporting film replete with action depicting a fishing trip in the lake district of Northern Ontario and containing thrilling views of expert anglers in action against the fiercest and largest of fresh water fish—the Maskinonge.
- *433 **Harvest of the Sugar Maple Tree.** 1 reel.
Depicting life in the sugar bush, demonstrating the old and new methods of tapping maple trees, of gathering sap, of transporting and canning maple sirup in the factory; a real old-fashioned sugar bush picnic.
- *434 **Winter Witchery of Niagara.** 1 reel.
Incomparable beauty of Niagara Falls in winter. Frozen spray transforms the environs into fantastically shaped ice formations.
- *435 **Nimrods in Duckland.** 1 reel.
On the wings of October's northern blasts come the ducks, pausing in their passage south to rest upon the broad bosom of the upper St. Lawrence. Here the camera joins a party of hunters in quest of these feathered prizes, and brings to you striking scenes of great flocks at rest upon the water and sweeping upward in flight, of hunters lying in wait behind their "blinds," shooting, hitting, missing, and intelligent retrievers glorying in their part of the sport. This film provides a living record of a day's shooting crammed into ten minutes of action.
- *436 **Tenderfoot Trails.** 1 reel.
The experiences of three city men who sought something new in the way of vacations on a "Dude Ranch" in the heart of the Canadian Rockies. Mountain scenery

*Included in Group Rental.

Nos.

- action views of cowboys riding wild, bucking horses, trail riding, angling for rainbow and cut-throat trout in glacial lakes and streams; a visit to a Cree Indian encampment.
- *437 Birds of Bonaventure.** 1 reel.
Glimpses of the famous Canadian bird sanctuary at Bonaventure Island in the Gulf of St. Lawrence and the various types of Canadian seafowl that nest in countless thousands on the cliffs of this picturesque home of birds.
- *438 Making Money.** 1 reel.
A film trip through the Royal Mint at Ottawa, the capital of Canada, showing the various processes in the making of Canada's coinage.
- *439 Camp Fires Among Snowpeaks.** 1 reel.
A scenic film of a journey up the Bow Valley into Yoho National Park and Wilcox Pass, showing how alpinists at the top of the world make this ascent into territory hitherto unexplored.
- *440 Valley of a Hundred Peaks, The.** 1 reel.
A film depiction of a trail ride into the Tonquin Valley, one of the most picturesque sections of Jasper National Park, Alberta, with interesting views of spectacular mountain scenery.
- *441 Drive Is On, The.** 1 reel.
An epic of the lumber industry when thousands of logs are driven down rivers to the mills.
- *442 When Day Is Done.** 1 reel.
The sky is a blaze of color in the west, and, under its spell, the world lays aside its day's work to muse awhile in the stillness of dusk. Each sunset brings a new combination of colors, a different mood. The camera has caught and woven into a little picture poem these glories—old yet ever new—which come to thrill the soul of man when day is done.
- *443 Daughter of the Glaciers.** 1 reel.
Maligne Lake in Jasper National Park of the Canadian Rockies proves to be one of the most colorful of nature's masterpieces. Big timber, glaciers, snow-capped mountains, and huge precipices make this region one of the most impressive in the world.

***Included in Group Rental.**

Nos.

- *444 **Home of the Birds, The.** 1 reel.
The first of a series of films entitled "Canadian Sea Fowl" dealing with the north shore of the Gulf of St. Lawrence where many varieties of Canadian sea fowl make their home and breed their young in protected areas. The film includes glimpses of the scenery and inhabitants of this district. (Bilingual titles.)
- *445 **Fleet Wings.** 1 reel.
Dealing with the life and habits of the Herring Gull, the Ring-billed Gull, and the Caspian Tern.
- *446 **Birds Rare and Fantastic.** 1 reel.
Life and habits of the Red-throated Loon, the Double-crested Cormorant, and the common Cormorant. Bilingual titles. (English and French).
- *447 **American Eider Duck, The.** 1 reel.
How the American eider duck lives, nests, and breeds. How eiderdown is collected, cleaned, and made ready for use in the manufacture of eiderdown quilts and pillows. Bilingual titles (English and French).
- *448 **Nomads of the Ocean.** 1 reel.
A camera party pays a visit to the land of countless common and rare sea fowl, on the northern shore of the St. Lawrence Gulf. The life and habits of the Puffin, Common Murre, Ringed Murre, and Razor-billed Auk, and how they are protected under the migratory Birds Convention Act.
- *449 **Turkey Time in Manitoulin.** 1 reel.
In recent years, Manitoulin Island, on the northern shores of Lake Huron, has become one of the foremost poultry breeding districts of Canada. The various phases of the commercial turkey industry in this section are portrayed.
- *450 **Day in Duckland, A.** 1 reel.
Modern commercial methods of rearing and fattening ducks, as carried on at the famous Brome Lake Duck Farm, Knowlton, Quebec.
- *451 **Hunting Dinosaurs in the Badlands of Alberta.** 3 reels.
An informative and educational subject dealing with the work of the Geological Survey in the Badlands of Alberta, Canada, with especial regard to palaeontological research and illustrating how the bones of dinosaurs and other animals, who lived millions of years ago, are

*Included in Group Rental.

Nos.

located and secured, later to be assembled for exhibition and scientific study.

- *452 **Chicken of the Sea.** 2 reels.

Depicting the catch and production of Tuna Fish in the California industry.

- *453 **Story of My Life, The.--Shoemaking.** 2 reels.

An elementary geography text film prepared by the Thom McAnn Shoe Stores, in cōoperation with Rita Hochheimer, Assistant Director of Visual Education of New York City, and Emily Ansen.

- *454 **Mexico and Its West Coast.** 2 reels.

Nogales, Arizona, to Mexico City and environs, along the West Coast.

- *456 **Flea Hopper.** 1 reel, 649 feet.

Control of the flea hopper by dusting cotton with sulphur.

- *457 **Leather, The Story of.** 1 reel.

Structure of leather; branding and skinning of calves; showing that branding injures the leather; tanning; raw materials necessary for tanning; sources of raw materials; treatment after tanning; chrome and oak tanned; grading leather.

- *458 **Washington—The Greatest National Capital.** 1 reel.

Washington and its beautiful Federal buildings, including the White House, the Capitol, Washington Monument; and a trip to Mt. Vernon.

- *459 **Modern Milk.** 1 reel.

Evaporated Milk.

- *460 **Airplane—From Coast to Coast by Plane.** 3 reels.

History of old and new ships. Care and training necessary before a transcontinental trip is made. Flight scenes across the country; dinner served above the clouds; Signal systems; servicing of radio equipment.

- *461 **N.Y.A. Student Aid.** 1 reel.

Work done by students in the N.Y.A. program in colleges.

- *462 **Bananas, About.** 1 reel.

From plant to consumer.

- *463 **Daylighting the Padres' Trail.** 2 reels.

Travelogue.

The story of the famous route of the Franciscan Padres, who blazed a trail between Los Angeles and San Francisco, dotting their journey with the now famous Cali-

*Included in Group Rental.

Nos.

fornia Missions. From the days of the padres, we are whisked into the present to traverse the same route aboard a modern train.

*558 **Inside Out.** 1 reel.

The whole digestive process is shown—work of the teeth, saliva, oesophagus, stomach, intestines; results of clogging digestive tract thoroughly explained; need for exercise and balanced diet stressed. Excellent use of animated diagrams.

*568 **Man's Greatest Heritage.** 1 reel.

An excellent film on the art of writing. Our alphabet is man's greatest invention. This motion picture traces the steps in its development.

*601 **Magic Jar, The.** 1 reel.

The evolution of preserving foodstuff, beginning with early methods of the cave man down to the present time.

*603 **Romance of Glass.** 2 reels.

Shows how glass was discovered and contrasts the old method of glass-blowing with the modern method of making glass vessels by machinery.

*633 **Diphtheria, The Conquest of.** 1 reel.

Story of the progress made by science in conquering diphtheria.

*656 **Drinking Health.** 2 reels.

This is an appeal for the necessity of exercising care in drinking water during summer months, emphasizing the need for using sanitary drinking cups. Some of the most beautiful water scenes are shown and the method of aeration of water is carefully portrayed.

*676 **Miracles of Mulch Paper, The.** 1 reel.

Shows how the use of "Gator Hide" mulch paper increases the garden yield and improves the plants.

*681 **Man Made Miracles.** 1 reel.

Showing how the heart of a radio set is made. Dedicated to all small boys from six to sixty.

*682 **Sports of Sailormen.** 1 reel. U. S. Navy film.

Showing the part athletics play in training of sailormen. Scenes of boxing, wrestling, football, fencing, and some of the Navy's own distinctive sports.

*683 **High Speed.** 1 reel. U. S. Navy film.

Life on a cruiser, with romantic comedy.

*684 **Cairo to Capetown.** 1 reel. U. S. Navy film.

A visit to ports on the coast of Africa—with a running talk by the "Globe Trotter."

*Included in Group Rental.

Nos.

- *685 **Peiping—Land of Khan.** 1 reel. U. S. Navy film. Scenes of Peiping (Pekin),—Forbidden City—Palace of Kang Hsi.
- *686 **Wild Life Near Your Home.** 2 reels. Shows how many wild creatures, such as birds, the woodchuck, squirrel, chipmunk, and rabbit keep their teeth (beaks of birds), strong and healthy.
- *687 **Romance of Rubber.** 2 reels. The cutting and clearing of the forest, preparation of the soil and planting, care of the young plant, budding, tapping for rubber, how latex (juice of rubber tree) is shipped to various factories for making into rubber goods.
- *689 **Pasadena Tournament of Roses Parade, 1940.** 2 reels. Natural Color. Theme: Twentieth Century in Flowers. Grand Marshal, Charlie McCarthy; Leo Carillo greets friends as he rides horseback through the streets. Theme winner: Modern Transportation, depicted by Brotherhood of Railroad Clerks. Pictorial survey of each float as it passes in front of the camera. Study of float designing and construction, illustrated by Mission Dry Corporation entry: artist's sketch, with predominant theme; 250,000 flowers used in building entry. University of Southern California and University of Tennessee football game.
- *690 **Mouth Health.** 1 reel. Toothbrush drill. Dentist demonstrates the correct use of a Pycopé package.
- *691 **What's In a Dress.** 1½ reels. Old problems in the dress industry and new ways of solving them. Legislative action and coöperative efforts of employers and employees, as responsible for the shorter hours and better wages now in force for most workers engaged in making dresses. In contrast are the scenes of sweatshop conditions and industrial home work which still prevail in some places. The possibility of solving these and other problems, such as seasonal unemployment, chiseling, and the speed-up system, through the help of all concerned—manufacturers, employers, workers, and consumers—is stressed. The interest of the Women's Bureau in this whole program affecting thousands of women wage earners is also featured.

*Included in Group Rental.

Nos.

- *692 **Guardian of the Home.** 1 reel.
A chemical film on antiseptic Dioxogen.
- *693 **Within the Gates.** 2 reels.
The story of Dad's shirt, the part played by women in the country's mass production and business. It begins with the picking of cotton, follows it through the mills where raw cotton is turned into thread, then into cloth; goes to the factory where the cloth is turned into a shirt.
- *694 **Preventing Fires Through Electrical Safety.** 2 reels.
An excellent presentation of the dangers of using improper fuses, defective electrical cords and devices, insufficient insulation; fire hazard from careless use of electricity.
- *695 **From Cocoon to Spool.** 1 reel.
The silk industry showing all the life processes of the silkworm and the mills of the Corticelli Silk Company where the entire process of manufacture is shown.
- *717 **Food and Growth.** 1 reel.
Health and Nutrition Bureau experiment with white rats.
- *718 **Jewels of Industry.** 2 reels.
Science has, with nature's aid, combined such common materials as sand, sawdust, salt, and coke, and these, after a terrific heating process, produce sparkling crystals—Jewels of Industry. Scenes of Niagara Falls; the manufacturing plants where these abrasives are made; industrial plants where they are used in many ways.
- *719 **Story of Monel Metal.** 2 reels.
The various phases in the manufacture of Montel Metal and its many uses in industry and the home.
- *720 **From the Woods to the Mill.** 1 reel.
The complete logging operations of the Red River Lumber Company, at Westwood, California.
- *729 **Golden Health.** 1 reel.
The orange industry of California; contains an excellent health story.
- *731 **From Desert Sands to Sparkling Glass Creations.** 1 reel.
Portrays the making of glass, from start to finish.
- *734 **Behind the Scenes in the Machine Age.** 3 reels.
Human waste in industry, particularly as related to women workers; technological changes as a possible

*Included in Group Rental.

Nos.

- factor in unemployment; investigations by Women's Bureau of conditions of employed women and standards formulated to promote their welfare.
- *735 **Helpful Hints for Successful Home Canning.** Large reel.
Canning fruits and vegetables in glass jars.
- *736 **Silk Industry, The.** 1 reel.
From the cocoon to the finished product.
- *737 **Teeth—Styles in Smiles.** 1 reel.
How good care helps preserve good teeth.
- *743 **East Meets West.** 1 reel.
The sericulture of silk in Japan and the manufacture of hosiery in this country.
- *744 **Man Against Microbe.** 1 reel.
The story of the highlights in the fight of science against preventable disease, from the days of the London Plague to the present.
- *751 **Conquering the Jungle.** 1 reel.
Transforming the wilds of Sumatra into a modern rubber plantation. Amusements and pastimes of the people are depicted in an interesting manner.
- *752 **Story of a Tire, The.** 1 reel.
An interesting study in the manufacture of automobile tires—from the rubber and cotton plantations down through the various operations to the wrapping for shipment to the dealer.
- *753 **America's Heritage—Boy Scout Picture.** 2 reels.
The story of a day in camp with a troop of Boy Scouts. Fire building, camping, trailing, life-saving and other activities assigned to them by their scoutmaster are executed loyally and efficiently.
- *756 **Story of the Airship, The.** 1 reel.
The development of the airship, from free balloon to giant aircraft; the christening of the Los Angeles, the christening of the U.S.S. Macon, and views of the Graf Zeppelin.
- *760 **Interesting Animals of the Lower Rio Grande Valley.**
100-foot reel. In color.
Javelina, deer, armadillo.
- *761 **Finland.** 1 reel.
Presents general views of Helsingfors, the capital—a complete continuity of the lumber, pulp, and paper industries—water power—country life and agricultural

*Included in Group Rental.

Nos.

routine—the dairy industry—canals—salmon fishing—athletics—winter sports—views of the icebreakers which keep the harbors open.

- *762 **Syphilis, Its Nature, Prevention and Treatment.** 2 reels.
U.S. Public Health Service film.

Incidence, modern and ancient; cause, transmission, symptoms, effects on heart, nervous system, children at birth; diagnosis, prevention, treatment.

- *763 **Swiss Alp Climbers.** 100-foot reel.

Scenes of men climbing rocky and snowy mountain.

- *764 **Life on the Equator.** 100-foot reel.

East Indies: scenes in streets and of natives in rural regions.

- *765 **Navajo Indian Life.** 100-foot reel.

Making blankets, caring for sheep, etc., in Arizona.

- *775 **Cotton—From Seed to Cloth.** 2 reels.

Cotton growing regions of the world; picking, ginning, and marketing; cloth manufacture.

- *776 **Body Framework.** 1 reel.

Skeletal and muscular systems of the human body.

- *777 **Diphtheria.** 1 reel.

Manufacture of antitoxin and treatment of diphtheria cases.

Value of vaccination.

- *778 **First Aid—Care of Minor Wounds.** Short reel.

Stresses the importance of immediate care for even the slightest wound.

Demonstrates, in detail, the proper method of applying sterile dressings.

- *779 **Gift of Life. Part I.** 1 reel.

Shows the simplest form of life, the amoeba, or single cell, and other simple forms, such as yeast, ulothrix, and edogonium.

- *780 **Gift of Life. Part II.** 1 reel.

Rock rose, Indian corn, and willow are depicted.

- *781 **Gift of Life. Part III.** 1 reel.

Pacific salmon pictured in the spring as they swim up the rivers, force their way through rapids, and leap waterfalls. Habits of chick and rabbit.

- *782 **Gift of Life. Part IV.** 1 reel.

Deals exclusively with human reproduction.

*Included in Group Rental.

Nos.

- *783 **How We Hear.** Short reel.
A vivid, animated diagram of each part of the ear, describing how it acts when acted upon by sound waves.
- *784 **If It's Health You're Seeking.** 2 reels.
What foods, exercises, and regular habits will do toward building healthy bodies.
- *785 **Muscles.** 1 reel.
Shows structure of muscle tissues and function of muscle groups.
- *786 **Prevention of Burns.** 1 reel.
Scenes of small children being painfully burned and scalded; how these accidents might have been prevented.
- *787 **Purifying Water.** 1 reel.
Pumping station, removing sediment, action of aluminum sulphate and filters, how water is contaminated, chlorination, testing water, and a safe well.
- *788 **Safe and Sane Driver's Course.** 1 reel.
The Lone Technical Institute of Chicago shows how students are trained to handle cars on streets and highways and the meaning of the traffic signs.
- *789 **Sewage Disposal.** 1 reel.
Purification by Imhoff tank and sprinkling filter; purification by sand filtration.
- *790 **The Skin.** 1 reel.
Contrasts skins of various animals; structure and method of growth; explains sensation and proper care.
- *791 **What Price Health?** 1 reel.
Answers the question: "Is sanitation worth what it costs?" By a specific case of typhoid, the cost of insantiation is shown to far exceed the cost of sanitation.
- *792 **Story of My Life By Tee Bee.** 1 reel.
Tuberculosis germ tells his life story; animated cartoon and photographs of actual scenes.
- *800 **Tournament of Roses.** 100-foot reel.
The New Year's Day floral parade at Pasadena, California, photographed in all its beauty.
- *801 **Hummingbird Home Life.** 200-foot reel.
Close-ups of mother hummingbird feeding small birds in nest.
- *802 **In Old Madrid.** 100-foot reel.
Mutt and Jeff Cartoon.

*Included in Group Rental.

Nos.

- *804 **Hats Off!—A Story of the Flag.** 1 reel.
Designed to teach respect for the flag and to show, through a quick, visualized review of past history, what Old Glory stands for in the hearts of true Americans. From Betsy Ross and George Washington to Roosevelt and General Pershing, America's heroes "come alive" on the screen to teach a careless schoolboy a lesson in flag etiquette.
- *805 **Wasps.** 1 reel.
The life history of mud-dauber and Polistes wasps; the building of their houses, stocking them with food, and laying the eggs; hatching of the young and the development from grub to wasp.
- *806 **Mosquito, The.** 1 reel.
The ponds and puddles where one or two hundred eggs are laid at a time; the hatching under water; the breathing tube, abdomen and thorax under a microscope; the larvae or "wrigglers" feeding on animal and plant life, rising to the surface for air and moulting three times; the pupae or "tumblers" resting at the top of the water; the skin splitting, and the mosquito emerging and drying its wings.
- *807 **Saving South Sea Savages.** 1 reel.
A most interesting picture showing a trip of Martin Johnson's to a South Sea Island, which had been visited by missionaries.
- *808 **Jungleland Baseball.** 100-foot reel.
Animated cartoon.
- *809 **America Goes Over.** 5 reels.
Official United States Government pictures of the World War, showing the American Expeditionary Forces.
- *810 **Teaching Beginners How to Typewrite.** 1 reel.
This film clearly illustrates the fundamentals of correct typewriting technique. Generous use of the close-up and slow-motion gives every student in the class a definite impression of proper position and action.
- *811 **Along the Alaskan Coastline.** 1 reel.
Forests of spruce and hemlock; salmon fishing and canneries; ice breaking away from glaciers in the fjords; Kodiak, the old Russian capital; an old Russian Greek church still in use; silver fox farms; sealions on the rocky coast; coal strata and outcroppings along the shore; Aleut Indians in the Southwest; volcanic area

*Included in Group Rental.

Nos.

- of the "Valley of Ten Thousand Smokes"; wading through mud, pumice, and ashes to reach Mount Katmai.
- *812 **Down the Yukon River.** 1 reel.
Lakes and glaciers at the source of the Yukon; riding a canoe down the rapids; Miles Canyon and White-horse Rapids; picturesque Indian burying grounds at Nulato with little houses built over the graves; traveling by dog team over the frozen river in winter; break-up of the ice in spring; fish wheels; natives catching salmon; Eskimo homes on the delta; herds of reindeer pasturing on the tundra; gold mining district near Nome; the cabin where Rex Beach wrote "The Spoilers."
- *813 **Hunters of the Great White North.** 1 reel.
Eskimos hunting seal and whale, netting birds. Eskimo sports. Views of native boats and weapons.
- *814 **Teeth.** 1 reel.
Growth, structure, and care.
- *815 **George Washington.** 1 reel.
As a gentleman of Virginia, leader of the colonial soldiers, the winter at Valley Forge, as President, etc.
Only one of these **Mickey Mouse** films may be ordered at one time.
- *816 **Mickey's Barn Dance.** 100-foot reel.
All the animals dance.
- *817 **Mickey's Bicycle Race.** 100-foot reel.
He wins the race.
- *818 **Mickey's Barnyard Melodies.** 100-foot reel.
Animals play musical instruments.
- *819 **Mickey Goes Hunting.** 100-foot reel.
The ducks laugh at him.
- *820 **Mickey Goes Courting.** 100-foot reel.
He calls on Minnie Mouse.
- *821 **Mickey and the Dog Catcher.** 100-foot reel.
Mickey rescues his dog.
- *822 **How to Live Long and Well.** 1 reel.
Illustrates simple rules for healthful living. Shows value of fresh air, sunlight, and plenty of pure water. Shows value of varied diet and vitamins, and the need of a clean mind and body. Also stresses the value of a periodic physical examination.

*Included in Group Rental.

Nos.

- *823 **Rat Menace, The.** 1 reel.
A forceful, educational picture, showing the habit of the rat, how rats spread disease, damage millions of property, and how to exterminate them.
- *824 **Anthropology Exhibits in The University Centennial Exposition.** 1 reel.
Dr. J. E. Pearce explains the figure of a Comanche woman in the Central Exhibit; stone artifacts of Central Texas; shell, bone and stone ornaments; cross-section of a typical Central Texas "burnt rock mound"; three general culture levels or strata found in the large middens; a case of Texas pipes; a multiple burial; an exact copy of an Apache shield; specimens of Texas Indian pottery.
- *825 **Winter Visitors.** 1 reel.
Waterfowl which spend their summers in the North come southward for the winter: pelican, sandhill crane, Canada geese, snow goose, Hutchins's goose, white-fronted goose, grey geese, black brant, canvasbacks, whistling swan, brown pelican.
- *826 **Guatemala.** 1 reel.
Coffee plantations, natives, Guatemala City, sacred festival in honor of the Sun-God.
- *827 **Andean Trails.** 1 reel.
Scenes in Peru and other countries along the slopes of the Andes.
- *828 **Mexico.** 1 reel.
Native life and activities illustrate latent possibilities as well as progress of this country.
- *829 **Caribbean Contrasts.** 1 reel.
A travelogue of the Caribbean.
- *830 **England's Coronation.** 1 reel.
The Coronation ceremonies; procession to Canterbury Cathedral; the crowning of King George VI by the Archbishop of Canterbury; Princess and Peers pay homage to the King; crowning of the Queen; the return to Buckingham Palace. Troops from every part of the British domain march in procession. The Royal Family acknowledge cheers of the populace from the Palace balcony.
- *831 **Japanese Cabaret, A.** 100-foot reel.
Childlike entertainers play samisens and drums. Expressive feet perform the ancient dances of the Orient.

*Included in Group Rental.

Nos.

- *832 **Japanese Table Manners.** 100-foot reel.
This film shows the dainty darlings of Japanese night life using their "hashi" or chopsticks.
- *833 **Geysers of the Yellowstone.** 100-foot reel.
The greater and lesser geysers spout and the comical "paint pots" gurgle. Old Faithful performs in her most glorious manner.
- *834 **Isle of Marken, Holland.** 100-foot reel.
Tourists arriving in the village; narrow ways; washday; full skirt and queer looking hats; hay making.
- *835 **Waikiki, Surfing—Famous Sport.** 100-foot reel.
All the thrills of riding the surf board.
- *837 **Cheese Market of Alkamaar, Holland, The.** 100-foot reel.
Testing, tasting and weighing cheese before it is sent on its way to a hungry world.
- *838 **Waterfalls of the Yosemite.** 100-foot reel.
The Silver Apron, Yosemite Falls and the glorious Bridal Veil.
- *839 **Niagara Falls.** 100-foot reel.
Many views of the falls—the Maid of the Mist, and a view from beneath the falls.
- *840 **Kauai—Garden Island of Hawaii.** 100-foot reel.
The Grand Canyon of Waimea, the famous Barking Sands, the Spouting Horn and other interesting sights.
- *841 **Bre'r Rabbit and His Pals.** 1 reel.
Squirrels eating nuts. Close-up of a rabbit showing his incisors. Skeleton of the head to illustrate why rabbits are called "gnawers." Rabbit eating leaves. A snowshoe hare. The cottontail. Jumping mouse. Prairie dog. Marmot. Woodchuck taking a long sleep.
- *842 **Animal Camouflage.** 1 reel.
Crabs, worms, caterpillars, toads, lizards, "walking stick," "praying mantis," and other animals employing protective mimicry.
- *843 **Crayfish and Stickelback.** $\frac{3}{4}$ reel.
The crayfish is of universal interest in zoology and nature study. Structure of the crayfish, surroundings, habits, and breeding. The stickleback is the only fish that builds a nest somewhat similar to that of a bird. The stickleback's peculiarities, its nest with the eggs in it, the male guarding it, and the liveley family of little sticklebacks.

*Included in Group Rental.

Nos.

- *844 **Fly—Our Common Enemy, The.** 1 reel.
"The finest movie microscopic that has been produced" is what an eminent authority says of this subject. It is a motion picture study of the Housefly in which every stage of development from the egg to maturity is shown, magnified hundreds of thousands of times. A striking feature is the detailed study of the fly's marvelous eyes with their thousands of tiny lenses. Objects actually photographed through hundreds of these lenses are shown on the screen.
- *846 **By the Side of the Road.** 1 reel.
English travelogue—Ann Hathaway's cottage, Stratford-on-Avon, and quaint rural scenes.
- *847 **Milk for You and Me.** 1 reel.
A 4-minute film—for use in Milk-for-Health week campaigns. Shows persons of all ages and of all walks of life drinking milk.
- *848 **Mexico—Land of Yesterday.** 1 reel.
Views of the old and new in Mexico.
- *849 **Winged Warfare.** 2 reels.
Commercial dusting of cotton by airplane for control of the boll weevil.
- *850 **Nature—Builder of Teeth.** 1 reel.
Development of teeth, from birth to adulthood; part teeth play in facial development.
- *851 **Colonial Williamsburg Restored.** 1 reel.
The magnificent Rockefeller restoration of this entire colonial city to its ancient character and appearance when, as the capital of the Virginia colony and a center of eighteenth century culture in America, it knew its greatest glory under British sovereignty.
- *852 **Fire Protection.** 1 reel.
Contrasts old and modern equipment and methods of fighting fires. Explains the operation of extinguishers, the principle of cooling, blanketing or smothering fires, and a lesson in fire safety.
- *853 **Devil's Playground, The: Death Valley.** 200-foot reel.
The Devil's Playground, by Indian legend, accounts for the making of Death Valley. Remarkable scenes of burned lava, "The Devil's Cornfield," sand storms, dangerous reptiles, and desert plant life.

*Included in Group Rental.

Nos.

Enchanting scenes of tragic Death Valley, with its queer rock formations, mirages, dry lakes, bad water, and poison springs.

- *854 **El Paisano—The Roadrunner.** 100-foot reel.

The life of this strange bird, the Chaparral, showing the clever devices by which small lizards and other creatures elude him in his quest for food. Shows lizards dropping off section of his tail to foil this bird.

- *855 **Satan's Henchman—The Tiger Rattlesnake.** 100-foot reel.

A thrilling film covering the vicious Tiger Rattlesnake and its way of life, and a meeting between a six-foot specimen and his enemy, man.

- *856 **Amsterdam, Canals and Streets of.** 100-foot reel.

Royal Palace, Old Mint Tower, and other scenes in the city.

- *857 **First Aid—Life Saving and Resuscitation.** 1 reel.

Demonstrations in water and (in slow motion photography), out of water, of various approaches and holds used in rescuing the endangered swimmer. Methods of resuscitation shown include use of the inhalator.

- *858 **Potato Enemies.** 1 reel.

Control of pests that attack potatoes: flea beetles, Colorado potato beetles, leaf hoppers, wireworms, white grubs, slugs, and fungus diseases.

- *859 **Poland.** 1 reel.

Warsaw, historic capital; House of Parliament; President's house; street scenes; older section; market place; parks, manufacturing plants—coal, etc.

FILMS OF KNOWLEDGE

16 mm. Silent

"THE WEE ANNE SERIES"

Not included in Group Rental

Single bookings as listed. Entire series, booked in advance, \$8.00.

- 860 **"Wee Anne's Dog Sandy in Just a Dog's Day.** 1 reel. 150 feet. Rental \$1.00 per day.

This is the simple story of what Sandy does during the day. You see him getting out of bed in his night gown, getting his morning dip—playing tag with Wee Anne, dressed up "like a silly clown," and taken for a ride in

*Included in Group Rental.

Nos.

the doll buggy—doing tricks—listening to the toy phonograph, and then saying his prayers and going to bed. This picture creates the desire for children to own a pet.

- 861 **"Wee Anne and the Snow Man."** 1 reel, 150 feet.
Rental \$1.00 per day.

Bobby and Wee Anne go to the mountains to play in the snow. They are seen rolling the snow into big balls to make a snow man. They dress him up and give him a funny nose. Then they have a snowball fight and a ride on the new Christmas sled. The teacher can explain about snow, and how we get our drinking water, etc.

- 862 **"Wee Anne Visits the Zoo."** 1 reel. Rental \$1.00 per day.

Wee Anne visits the zoo and sees foxes, peacocks, penguins, zebras, bison, deer, porcupines, prairie dogs, camels, elephant, tapir, otter, bears, polar bears, seals, pelicans, tigers, ducks, birds, gorillas, orang-outang. Here children get the opportunity to see the animals of the zoo by visiting it with Wee Anne. All the animals are shown with close-up views. A very good nature study film.

- 863 **"Wee Anne Visits the Farm."** 2 reels. Rental \$2.00 per day.

Wee Anne visits Stevie, the farmer's son. They ride on a hay rake. Watch mowing machine. Play on hay cocks. See Nellie, the farm horse. See rabbits, chickens, pigs. Help shock the grain and tie it into bundles. Play hide and seek in the grain shocks. Feed baby kids with nursing bottle. Bid good-bye to Rover, the dog. This is an authentic picture of work and life on a farm.

- 864 **"Wee Anne's Christmas."** 1 reel. Rental \$1.00 per day.

It is a story of Wee Anne and her Cousin Michael's Christmas—shopping for toys—gifts for the poor—hanging up their stockings—Santa Claus coming down the chimney and putting out the toys—then the joy of Christmas morning. A real Christmas story. It brings to the screen some of the religious significance as well as all the fun of Christmas.

(Note: This picture is very popular during Christmas season, so we recommend an early booking.)

Nos.

- 865 **"Wee Anne Sees the Indians."** 1 reel. Rental \$1.00 per day.

This is the story of Wee Anne visiting the Taos Pueblo. She is seen at Santa Clara and also at San Ildefonso Pueblo with Maria, famous for her black pottery. She watches the Indians separate corn, sees the outdoor oven, and looks into a Kiva. Also Wee Anne is seen with the Navajos at a real hogan on the Reservation. She sees an Indian blanket being woven. The film shows the life of the Southwest Indians. All this film is actually taken on these reservations and is authentic in every detail.

- 866 **"Wee Anne Goes Sailing."** 1 reel, 200 feet. Rental \$1.00 per day.

This picture is the story of what Wee Anne does when she goes to the Yacht Harbor. She rows a boat. She sees sail boats and motor boats and is taken for a sail on a Star sail boat. We see the sails being hoisted, lowered, furled and covered for the night.

(ANNE—of the "WEE ANNE SERIES")

- 867 **"Anne Visits Fish Harbor."** 1 reel, 200 feet. Rental \$1.00 per day.

This picture shows Anne and Bob watching Tuna Clippers coming into the harbor. They meet an old sailor who shows them the boats. They learn from him how Tuna fish are caught. Fishing scenes are shown on a tuna boat. Anne and Bob see the fish being unloaded at the harbor.

- 868 **"Anne Learns About Ocean Liners."** 2 reels. Rental \$2.00 per day.

The first reel of this picture is taken on the S.S. Lurline. It shows Anne being shown over the boat by the Chief Officer. She sees an automobile being loaded into the hold of the ship—and hatches being closed. She watches bags and trunks being hoisted on board. She sees the life-boats and learns something of how passengers live on ship-board. The vessel is seen sailing from the harbor with crowds on the pier, etc.

The second reel shows Anne and Bob visiting the S.S. Pennsylvania. Here they see a different type of passenger ship. The Captain shows the children how the boat's course is charted—and also how the sun is shot

*Included in Group Rental.

Nos.

with a sextant. Bob visits the wireless room while Anne enjoys the playroom. Lifeboats are examined by the children and they put on life belts. This film also shows how the boat is fueled by an oil barge. A very instructive motion picture on ocean passenger ships.

- 869 **"Anne Learns About Cargo Boats."** 1 reel. Rental \$1.00 per day.

Anne rides on a Ferry Boat in San Francisco Bay where she sees the famous Golden Gate Bridge and the Bay Bridge. She watches an Ocean Freighter being loaded. She and Bob visit an Oil Tanker. They learn about the operation of a Fire Boat and see it in action. Some of the outstanding types of Cargo Boats are seen in this picture. Teachers will appreciate this film for giving the students a better understanding of ocean freight transportation.

-
- 878 **Gilmore Circus Parade.** 1 reel, 210 feet. Rental \$1.00 per day.

A circus parade of balloon made animals which will delight children who are fond of Felix the Cat, Clarence, who like Topsy "just grewed," Mr. Ha. Ha., Captain Kid, and others.

- 879 **Davis Cup Team.** 1 reel, 375 feet. Rental \$1.00 per day. United States vs. Australia, North American Davis Cup Zone Finals, 1936, played on the courts of the Germantown Cricket Club. Adrian Quist of Australia vs. Wilmer Allison of the United States.

- 880 **Educated Feet.** 1 reel. Rental \$1.00 per day.

How one school in California teaches the small children to take exercises to prevent round shoulders, flat feet, knock knees, forward head, shallow back, etc.

- 881 **Pigs on the Farm.** 1 reel. Rental \$1.00 per day.

A simple story of pig raising told for the Primary grades.

- *890 **Flying Fisherman.** 1 reel. Rental 50c per day.

(Pelicans of the Texas Coast.) Brown Pelican colony on island off Texas coast; eggs, babies, and adults; habits of these birds.

- *891 **Wild Life of South Texas.** 2 reels. Rental \$1.00 per day. Kodachrome. Game, Fish and Oyster Commission film.

*Included in Group Rental.

Nos.

Rattlesnake, doves, wild turkeys, mockingbird, vermillion flycatcher, owl, great blue heron, scarlet tanager, mourning doves, starlings, pipit, red-tailed hawk, Jackrabbit, sandhill cranes, armadillo, quail, ducks, collared peccary or javelina, and young. Javelinas, coyote, Hereford cattle and deer in pasture, Harris' hawk, etc.

- *892 **Some Birds of Texas.** 1 reel. Rental 50c per day. Kodachrome. Game, Fish and Oyster Commission film.

American coot, pied-billed grebe, long-billed dowitcher, grebe, little blue heron, Louisiana heron, glossy ibis, yellow crowned night heron, glossy ibis, wild turkey (young), lesser snow geese, scissortailed flycatcher feeding young, grockle, golden fronted woodpecker, red-winged blackbird, robin red breast, field sparrow, cardinal, American goldfinch, mourning doves, Mexican ground dove, bobwhite, quail, wild turkey hen, wild turkey gobblers.

- *893 **Trapping Turkeys in Texas.** 1 reel. Rental 50c per day. Kodachrome. Title self-explanatory. Game. Fish and Oyster Commission film.

- *894 **Wildlife West of the Pecos.** 1 reel. Rental 50c per day. Kodachrome. Picturesque scenes west of Pecos River. Bighorn mountain sheep, mule deer, elk, antelope, birds, and Jackrabbit included. Game, Fish and Oyster Commission film.

- *895 **Mammals on Wings, (Bats).** 1 reel. Rental 50c per day. Kodachrome.

Bat cave in Comal County. Scenes of bats entering and leaving cave; babies; hawks catching bats on wing, etc. Game, Fish and Oyster Commission film.

- *896 **Let's Go Fishing.** 1 reel. Rental 50c per day. Kodachrome. Game, Fish and Oyster Commission film.

Man fishing for catfish in Lake Buchanan, boy fishing along Guadalupe River, using dough bait for suckers, catching crappie.

- *900 **Teaching With Motion Pictures.** 1 reel. Rental \$1.00 per day. (Third reel of "Overcoming the Limitations to Learning.") (Also in sound.)

Effective techniques for utilizing the film in the classroom, with actual scenes from the classroom. University of Chicago.

*Included in Group Rental.

Nos.

- *901 **Studies About Communication.** 1 reel, 350 feet. Rental 25c per day.
Actual situation of forty school children in class and activity groups, working on: wireless and telegraph, radio, printing press and newspaper, carrying the mail, flag signals, signs and symbols, ancient writing methods, etc. (The joyful activity and interest of these children in their units of work can be appreciated only by viewing this fine example of present-day teaching technique.)
- *902 **Home Builders at Work.** 2 reels, 850 feet. Rental 50c per day.
Father, Mother, and four-year-old Son plan to build a home. Each home-building trade is shown at its work. Modern methods of construction are featured. The various stages of development are clearly discernible, with a very rapid but smooth growth evident. A satisfied and happy family gather to enjoy their new fireside. The home, in color, with fresh red walkway winding, between young green things, to a friendly door, closes this fine educational picture. (Builders praise it highly.)
- *903 **Children's Airport Excursion.** 1 reel, 320 feet. Rental 25c per day.
Forty-two children emerge from a modern school bus at an airport, and thrill at: fantastic looking radio equipment; typewriters that run themselves; airmail delivery methods; radiophone communication; planes taking off, and planes landing; huge hangars, and in them huge planes equipped with a maze of scientific instruments, etc.
- *904 **How Teeth Grow.** 1 reel. Rental 50c per day.
The order of formation and eruption of the temporary and permanent teeth is demonstrated by animation, models, and subjects of various ages.
- *905 **Happy Hen and Her Chicks.** 1 reel, 265 feet. Rental 25c per day.
A hen and her chicks, a little girl, the family dog and a beautiful sunset. Has pleasing continuity. The actual pecking, cracking open of the shells, and the tumbling out of baby chicks is shown clearly in unusual closeups.
- *906 **Mexico—a Travelogue.** 1 reel. Rental 25c per day.
Progreso, Vera Cruz, Mexico City, San Juan. Natives in simple costumes and on burros, driving their cattle.

*Included in Group Rental.

Nos.

Women at heavy work. Markets, farmers and townspeople. Indians in gay clothes, Indian children, babies and mothers. Making tortillas.

- *907 **Circus on Parade.** 100-foot reel. Rental 10c per day.
The Greatest Show on Earth in training quarters.
- *908 **Fighters of the Deep.** 100-foot reel. Rental 10c per day.
An encounter between an octopus and a crab.
- *909 **Four Footed Dancers.** 100-foot reel. Rental 10c per day.
Dance of a Salamander at the bottom of the sea.
- *910 **Mount Etna on Fire.** 100-foot reel. Rental 10c per day.
Graphic pictorial account of volcanic eruption.
- *911 **Land of Chu Chin Chow.** 1 reel. Rental 25c per day.
China—a land of poverty, scholarship and art.
- *912 **Milky Way, The.** 1 reel. Rental 25c per day.
An imaginary trip in a space-ship, by Jupiter and Saturn, out through the Milky Way into space beyond our galaxy.
- *913 **Kingdom of the Bee.** 1 reel. Rental 25c per day.
Community life in a hive of bees.
- *914 **Solar Eclipse of August 31, 1932, The.** 1 reel. Rental \$1.50 per day.
Actual progress of the moon across the sun shown by stop-motion photography. When the eclipse is complete, the corona makes a striking and beautiful picture. A special shot of the solar prominences at the time of the eclipse is shown on an enlarged scale.
- *915 **Moon, A Motion Picture Journey to, The.** 1 reel. Rental \$1.50 per day.
Includes a panoramic picture of sunrise and sunset phenomena in lunar craters, and an occultation of the Delta Capricorni by the moon. (Produced by the McMath-Hubert Observatory of the University of Michigan.)
- *916 **Beautiful Czechoslovakia.** 1 reel. Rental 25c per day.
Commonly known as the "Garden of Europe." An exceptional scenic of this beautiful but little known Democracy.
- *917 **El Terrible Toreador.** 200-foot reel. Rental 25c per day.
Animated cartoon of a bull fight.
- *918 **Lone Ranger, The.** 100-foot reel. Rental 10c per day.
Danger on the Trail.

*Included in Group Rental.

Nos.

- *919 **Trapdoor Spider, The.** 200-foot reel. Rental 25c per day.
Spider builds home in burrow and lines it with web; constructs clever waterproof trapdoor.
- *920 **Work Dogs of the North.** 1 reel. Rental 50c per day.
Selected scenes of the beast of burden of the North. Dog-teams on a trail over rough ice and steep mountains. Care and feeding of the dogs. Dog-teams pulling canoes up-stream in summer. Excellent Arctic scenes.
- *921 **Night Before Christmas.** 2 reels. Rental \$2.00 per day.
Based on Clement C. Moore's famous poem.
- *923 **America's Polar Triumph.** 2 reels. Rental 50c per day.
Admiral Byrd's flight to the North Pole. All of the steps in this perilous and adventurous journey are shown, the difficulties in getting the big Fokker plane across the ice floes of King's Bay; preparation at Spitzbergen, the base of supplies; visits from the Norge with Amundsen and Ellsworth aboard; and their greeting after Byrd's plane has successfully circled the pole.
- *924 **Maker of Mountains.** 1 reel. Rental 50c per day.
Showing four types of mountains and how they were made; by the folding of the earth's crust; by the faulting of the earth's crust, by rock resistance, and by volcanic flow.
- *925 **Volcanoes.** 1 reel. Rental 50c per day.
Quiet overflow types. Volcanoes having explosive eruptions. Products of volcanoes and life history of a volcanic cone. Subjects include Hawaiian volcanoes, the Palisades, a South American volcano, Mt. Vesuvius, and Mt. Lassen.
- *926 **Earthquakes.** 1 reel. Rental 50c per day.
The nature of earthquakes and their causes and effects. Types of wave motion accompanying earthquakes. Methods of recording and interpreting seismic phenomena.
- *927 **Yellowstone Wonderland.** 1 reel. Rental 25c per day.
East entrance to Yellowstone National Park. Highway scenes, Sylvan Lake, Fishing Bridge, Firehole Cascades, Old Faithful Geyser, Grotto Geyser, Riverside Geyser. Bear feeding grounds, "Holdup" bears in action, browsing moose, bison, grizzly bears. The Grand Canyon.
- *928 **Singing and Stinging.** 1 reel. Rental 25c per day.
This is the life story of the universal pest of humanity, the mosquito. In images hundreds of thousands times

*Included in Group Rental.

Nos.

larger than natural size, the astounding make-up of both the gorgeously plumed male and the female, which alone does the stinging for the family, is presented on the screen where it can be studied in detail. How science is assailing the pest is shown, also the simple manner in which anyone can assist.

- *929 **Baby Songbirds at Mealtime.** 1 reel. Rental 25c per day. Little songbirds and their eating habits. Parent birds feeding their nestlings: sparrow, linnet, canary, bullfinch, chaffinch, brown linnet, chickadee, long-tailed tomtit, European warbler, and marsh wren.
- *930 **Little Indian Weaver, The.** 1 reel. Rental 25c per day. Bah lives on a Navajo Indian reservation and learns from her mother the art of weaving in which the women of her tribe are so skillful. Bah wants the doll of the white child more than anything in the world, and her mother tells her she may weave a blanket to exchange for the coveted treasure at the Trading Post. When the trader refuses to take the blanket, darkness and despondency descend upon the little Indian girl but her friend, the trader's son, buys the doll for her with his savings. After this act of kindness, the Navajos accept the white boy as their friend and teach him many interesting bits of Indian lore and customs.
- *931 **Wee Scotch Piper, The.** 1 reel. Rental 25c per day. The story of Ian, son of a shepherd in the Scotch Highlands, who longed for a bagpipe. Sandy, an itinerant peddler, comes by. In the back of his cart is a sick lamb. The old Scotchman tells Ian that if he will nurse the lamb back to health, his pay will be a bagpipe. Ian takes the lamb home and nurses it back to health. One morning the lamb is missing. The shepherd dog discovers the lamb caught in a thorn bush. Ian rescues the lamb, and the next morning the peddler returns and presents a bagpipe to the lad. Down the road Ian goes joyously playing "The Campbells are Coming." The picture has scenes in the Highlands, in Edinburgh, Loch Lomond, and introduces the story of Robert Bruce.
- *932 **Wanderers of the Arabian Desert.** 1 reel. Rental 25c per day. The picturesque, hardy, warlike Arab lives in the occasional stretches of fertile country in the Arabian desert. Here highly skilled horsemen breed and school the

*Included in Group Rental.

Nos.

famous Arabian horse. Sheep and goats are herded in the hills. As they move from place to place the women load the camels with goat-hair tents and unload them when the move is over. Spinning, weaving, breadmaking, and other activities of these nomadic peoples are shown.

- *933 **Hawaii The Beautiful.** 1 reel. Rental 25c per day.
Waterfalls. Honolulu: street scenes, statue of King Kamehameha. Harbor and Waikiki Beach. Native dwellings. Ceremonial robes of the royal Hawaiian family. Coffee industry: picking berries, drying yards. Pineapple plantation. Tuna fishing at dawn. Manufacturing ukeleles.
- *934 **Story of The Star-Spangled Banner.** 1 reel. Rental 25c per day.
Highlights in the career of Francis Scott Key from boyhood to the war of 1812. His imprisonment on a British frigate. The all-night battle of Fort McHenry at which Key was an agonized spectator. When dawn shows the American flag still waving over the fort, Key gives poetic expression to his relief by writing the national anthem.
- *935 **Mexico of the Indians.** 1 reel. Rental 25c per day.
Orizaba Mountains. Zapotec Indians, Mitla Temples. Tehuantepec natives. Narrow streets, the market place, ox carts, colorful costumes, the starched lace headdress called "hiupil," heavy necklaces, embroidered skirts and jackets. Religious parade. Indians of Tarascon Lake. Patzcuara. Fields of water hyacinths.
- *936 **Jewels of the Sea.** 1 reel. Rental 25c per day.
A study of Coelenterata. The beauty of these underwater scenes will appeal even to those not immediately interested in this branch of the animal kingdom. What seems to be a submarine garden is disclosed as a group of living animals. We see their leaf-like tentacles catching tiny fish. What seems to be a sea-anemone is shown to be a very peculiar marine worm.
- *937 **Traps for Insects: Insect-eating Plants and Animals.** 1 reel. Rental 25c per day.
A praying mantis catching and eating a grasshopper—also how this insect lays its eggs: how the pitcher plant

*Included in Group Rental.

Nos.

traps ants and other insects: flies entangled in the sun-dew: the Venus fly-trap capturing a fly: and the chameleon at work with its limber tongue.

- *938 **Killing the Killer.** 1 reel. Rental 25c per day.
The Cobra and the Mongoose. The snake charmers of India and their dancing cobras; the expanded hood of this deadly snake; capturing a rat. The mongoose attacks the cobra gradually wears the snake out, and thus breaks its neck.
- *939 **Underwater Households.** 1 reel. Rental 25c per day.
How the Paradise Fish cares for its young. Few fish pay any attention to their young, but those that do, provide a fascinating study. This picture records first the courtship of the Paradise Fish, the building of the nest of air-bubbles, and the protection of the young by the male.
- *940 **Sun and Its Influence on the Earth, The.** 1 reel. Rental 25c per day.
A thorough study of the sun is presented in a series of unusual episodes. The nature of the sun is first investigated. Then we see: Sun spots and their effects, the cause and nature of an eclipse, the corona seen at that time, solar prominences, and more.
- *941 **How We See.** 1 reel. Rental 25c per day.
Shows the functions of the various parts of the eye by diagrammatic drawings.
- *942 **Compressed Air.** 1 reel. Rental 25c per day.
Enumerates the principles underlying the compression of air, and its practical applications to the Bessemer converter, railway air brakes, air-driven tools, and the fire engine.
- *943 **Our Four-Footed Helpers.** 1 reel. Rental 25c per day.
Cows, camels, giraffes, and other ruminants. Digestive system explained.
- *945 **People Who Live in the Desert.** 1 reel. Rental \$1.00 per day.
How man has overcome a hostile desert environment. City and country life of Arabs, Moors, Berbers, and Egyptians along the Mediterranean coast of Africa. Negro dwellers of the Sudan. Trip by caravan over the Sahara Desert during a terrible windstorm; oases and settlements of various nomadic tribes.

*Included in Group Rental.

Nos.

- *946 People Who Live on Great Plains.** 1 reel. Rental \$1.00 per day.
How life on a vast, fertile plain influences the development of a people. The Argentine; Indian huts, ranch houses, railroad construction, sheep raising and shearing, grain fields; and scenes of Buenos Aires.
- *947 People Who Live at the Equator.** 1 reel. Rental \$1.00 per day.
How man has adapted himself to a tropical jungle environment. Tribal life on the Amazon River showing various industries such as preparation of wild rubber, lumbering, and commerce.
- *948 People Who Live in a Crowded Valley.** 1 reel. Rental \$1.00 per day.
The influence of isolation and crowded conditions of life on the development of a people. Detailed study of life, dress, and occupation of the Chinese inhabiting the territory between the Pacific Ocean and the highlands of Tibet. Scenes from North China up the Yangtze River.
- *949 People Who Live in the Arctic.** 1 reel. Rental \$1.00 per day.
How people have adapted themselves to rigorous cold. Eskimos' life; pulling a whale ashore for food and utensils; tundra; children at play; summer house; building boat frames from bone; skinning seal; preserving meat; caribou; gathering fuel; dog teams; seal hunt on ice floes; grinding ice packs; walrus; rounding up caribou herds; building ice fence and snow igloos. An arctic storm.
- *950 People Who Live in the Mountains.** 1 reel. Rental \$1.00 per day.
Life in Switzerland, showing the effect of a mountain environment upon man. The Swiss Alps, glaciers, taverns, peasant life at home, industries, and picturesque cities.
- *951 People Who Live by the Sea.** 1 reel. Rental \$1.00 per day.
Life in the countries bordering the Mediterranean, Phoenicia, Egypt, Greece, Carthage, Rome and Spain.

***Included in Group Rental.**

Nos.

illustrating the influence of the sea upon man. Diagrammatic sketches and scenics show ancient Babylonian trade routes to the Western Hemisphere.

- *954 **Potter's Wheel, The.** 1 reel. Rental 50c per day.
A study in industrial evolution, showing the manufacture of porcelain insulating parts for electric apparatus, including the mixing of ingredients, molding, turning, glazing, and firing in huge kilns.
- *955 **Land of Cotton, The.** 1 reel. Rental 50c per day.
The story of cotton, from planting the seed to weaving the fabric. Includes typical scenes from the world's largest plantation, the most important cotton terminal, and one of the largest textile mills.
- *956 **Light of a Race, The.** 1 reel. Rental 50c per day.
A historical account of artificial illumination which depicts in successive scenes, the use of the flint, stick and groove, drill, and match to obtain fire; and the use of the torch, stone lamp, candle, oil lamp, gas lamp, and incandescent lamp as sources of light.
- *957 **Cat and the Kit, The.** 1 reel. Rental 50c per day.
An animated picture, designed to promote the use of G-E Edison Mazda automobile lamps and to encourage the carrying of spare lamps.
- *959 **Fighting Lobsters.** 100-foot reel. Rental 10c per day.
A Lobster engages in a battle for life with a Panther Shark, an Electric Ray, and an Octopus.
- *960 **Camouflaged Death Traps.** 100-foot reel. 10c per day.
Plants which catch and kill insects as a means of subsistence, and a Sea Anemone which catches small fish.
- *961 **Insect Engineers.** 100-foot reel. Rental 10c per day.
The "Parasol Ant," a leaf-cutting ant living in South America and considered to be the strangest ant in the world.
- *962 **Alligator Round-Up, An.** 100-foot reel. Rental 10c per day.
Brazilian cowboys lasso and capture crocodiles and rob their nests.
- *963 **Monarchs of the Air.** 100-foot reel. Rental 10c per day.
The life story of an Imperial Eagle, from egg to maturity.

*Included in Group Rental.

Nos.

- *964 **Murderous Midget Fish, The.** 100-foot reel. 10c per day.
Hand-sized sharp-toothed little demons—the Piranha of the Amazon River—devour a 140-pound waterhog in six minutes.
- *965 **Study in Bird-Flight, A.** 100-foot reel. Rental 10c per day.
The flight of various birds photographed in slow motion.
- *966 **Hermit Crab, The.** 100-foot reel. Rental 10c per day.
Under-water study of the mutual household of a Crab and a Sea Anemone.
- *967 **Sea Hare and the Atlanta, The.** 100-foot reel. Rental 10c per day.
A photographic study of Water-Snails taken in the Mediterranean Sea.
- *968 **Starfish, The.** 100-foot reel. Rental 10c per day.
An amazing study of the Starfish, the enemy of the oyster banks.
- *969 **Honey Maker, The.** 100-foot reel. Rental 10c per day.
Diligent bees that convert nectar into honey.
- *971 **George Washington.** 100-foot reel. Rental 10c per day.
Animated clay model portraits of high lights in Washington's life.
- *972 **Deadly Enemies.** 100-foot reel. Rental 10c per day.
A fierce fight for life between two snakes.
Experiments showing how sound waves can be visible.
- *975 **Strange Playmates.** 100-foot reel. Rental 10c per day.
Various animals living and playing together.
- *977 **Chameleon, The.** 100-foot reel. Rental 10c per day.
A member of the lizard family that automatically matches its color with its surroundings.
- *978 **Kaleidoscope, The.** 100-foot reel. Rental 10c per day.
Shows the many symmetrical figures reproduced in the Kaleidoscope.
- *979 **Magnetism and Electrons.** 100-foot reel. Rental 10c per day.
Splendid demonstration of elementary physics.
- *980 **Invisible Forces.** 100-foot reel. Rental 10c per day.
Capillary attraction and surface tension of liquids is demonstrated.

*Included in Group Rental.

Nos.

- *981 **Battling Shrimps.** 100-foot reel. Rental 10c per day.
The peculiar habits of this little creature that lifts more than its own weight, and its fight for existence.
- *982 **Spreewald, The.** 100-foot reel. Rental 10c per day.
The quaint customs and costume of this old Slavonic settlement near Berlin.
- *983 **Prowling Hedgehogs.** 100-foot reel. Rental 10c per day.
The adventures of a hedgehog with other animals; the slug beetle, a cat, a dog, etc.
- *984 **Posture.** 1 reel. Rental \$1.00 per day.
West Point cadets on parade; natural position of the feet; fallen arch; effects of shoes; correct posture; corrective exercises for posture defects.
- *985 **Butterflies and Moths.** 1 reel. Rental \$1.00 per day.
Life history and metamorphosis of the monarch butterfly and the cecropia moth in detail, with some phases of transition in slow motion. The butterfly's tubed tongue; magnification of its wings, etc.
- *986 **Bees and Spiders.** 1 reel. Rental \$1.00 per day.
Importance of the queen bee; stages of development of the workers; the pollen bags; magnification of the head, etc.; swarming. The nest and web of the field spider; its mating habits; spinning the web.
- *987 **Egypt, Land of the Pyramids.** 1 reel. Rental 25c per day.
Alexandria, Cairo, and other cities visited. Planting land, pumping water by camel. Other intimate scenes of Egypt.
- *988 **Rome, the Eternal City.** 1 reel. Rental 25c per day.
Scenes of old Roman ruins and historic buildings. Scenes in Vatican City. Buildings where Christians were fed to animals.
- *989 **Seed and Seed Dispersal.** 1 reel. Rental 25c per day.
Life cycle of plant described in non-technical terms; detailed study of types of seeds and how they are dispersed by various agencies.
- *990 **Menacing Reptiles.** 1 reel. Rental 25c per day.
Capture of a large crocodile; live snakes in action; death battle between two snakes.
- *991 **Chemistry of a Match.** 1 reel. Rental 25c per day.
How chemical problems involved in producing matches for the last 150 years have been met.

*Included in Group Rental.

Nos.

- *992 **Chemistry of Combustion.** 1 reel. Rental 25c per day.
A series of non-technical experiments, showing the mixing of various chemicals to produce spectacular and interesting explosions, and illustrate oxidation.
- *993 **Jack and the Beanstalk.** 1 reel. Rental 25c per day.
The well known fairy story.

Not Included in Group Rental

- 995 **First Stages of Syphilis.** 100-foot reel. Rental 10c per day.
(For technical, not mixed groups.)
- 996 **Children Born With Syphilis.** 100-foot reel. Rental 10c per day.
(For technical, not mixed groups.)
- 997 **Dog Show.** 1 reel. Rental 50c per day.
A canine carnival! Complete—from mutts to the bluebloods of dogdom. One of the most appealing movies ever made. Performing dogs—high divers—Labrador retrievers—a thrilling hunt with a pack of thoroughbreds—and a dog show of the finest pedigreed champions in the world.
- 998 **Philippine Islands.** 2 reels, Kodachrome. Rental \$2.00 per day.
Industries, customs, and peoples of the Philippine Islands in beautiful Kodachrome. Delightful and informative trip through the islands.

*Included in Group Rental.

