

1949

# An analysis of the pictures found in seven fifth grade American history textbooks

---

<https://hdl.handle.net/2144/17245>

*"Downloaded from OpenBU. Boston University's institutional repository."*

**FOR REFERENCE**

Do Not Take From This Room

BOSTON UNIVERSITY  
SCHOOL OF EDUCATION

LIBRARY

Ed.

Thesis  
Fleming, M.F.  
1949

The Gift of Mary F. Fleming

Starey

Thesis  
Fleming, M F  
1949  
stored

BOSTON UNIVERSITY  
SCHOOL OF EDUCATION

Thesis

AN ANALYSIS OF THE PICTURES  
FOUND IN SEVEN FIFTH GRADE  
AMERICAN HISTORY TEXTBOOKS

Submitted by

Mary Frances Fleming

(B.S. in Ed., Worcester State Teachers College, 1943)

In partial fulfillment of requirements  
for the degree of Master of Education

1949

✓

School of education  
May 23, 1949  
30713

First Reader: W. Linwood Chase, Professor of Education

Second Reader: Robert L. Burch, Assistant Professor of  
Education

Third Reader: William H. Cartwright, Assistant Professor  
of Education



### ACKNOWLEDGMENT

The writer wishes to express her appreciation to Dr. W. Linwood Chase, Professor of Education, Boston University, School of Education, for his guidance in carrying this study to its completion.



## TABLE OF CONTENTS

CHAPTER	PAGE
I. STATEMENT OF THE PROBLEM . . . . .	1
II. REVIEW OF THE LITERATURE . . . . .	4
III. PROCEDURE USED IN THE STUDY. . . . .	10
IV. ANALYSIS OF THE DATA . . . . .	18
V. SUMMARY AND CONCLUSIONS. . . . .	58
BIBLIOGRAPHY. . . . .	66



LIST OF TABLES

TABLE	PAGE
I. Numerical Distribution of the Total Number of Pages, Total Number of Pictures, and Total Number of Pages of Copy Per Picture Found in Seven Fifth Grade American History Text-Books . . . . .	19
II. Numerical Distribution of the Various Sizes of Pictures Found in Seven Fifth Grade American History Textbooks . . . . .	21
III. Numerical Distribution of the Coloring Found in the Pictures in Seven Fifth Grade American History Textbooks . . . . .	23
IV. Numerical Distribution of the Number of Pictures with Captions, The Number Without Captions, and the Various Forms of Captions Found in Seven Fifth Grade American History Textbooks .	25
V. Numerical Distribution of the Types of Pictures Found in Seven Fifth Grade American History Textbooks . . . . .	27
VI. Numerical Distribution of the Number of Pictures to Each Page in Each Fifth Grade American History Textbook . . . . .	28

Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is arranged in several paragraphs and includes some lines that appear to be bulleted or numbered lists.

LIST OF TABLES  
(Continued)

TABLE	PAGE
VII. Numerical Distribution of the Location of Pictures on Each Page of Seven Fifth Grade American History Textbooks . . . . .	30
VIII. Numerical Distribution of the Location of Pictures of Seven Fifth Grade American History Textbooks In Relation To Their Accompanying Textual Matter . . . . .	32
IX. Numerical Distribution of Seven Fifth Grade American History Textbooks That Include A List of Colored Pictures in their Table of Contents, Denote Pictures in their Indices, and Mention Pictures of Textbooks in Their Activities . . . . .	34
X. Numerical Distribution of the Pictures That Include People and the Pictures That do not Include People In Seven Fifth Grade American History Textbooks . . . . .	35
XI. Number of Times People Are Shown in the Pictures of Seven Fifth Grade American History Textbooks . . . . .	37
XII. People Shown in the Pictures of Seven Fifth Grade American History Textbooks. . . . .	46

Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is arranged in several paragraphs and includes some faint markings that could be numbers or symbols, such as "100" and "1000".

LIST OF TABLES  
(Continued)

TABLE	PAGE
XIII. People Shown in the Pictures of Six Fifth Grade American History Textbooks . . . . .	46
XIV. People Shown in the Pictures of Five Fifth Grade American History Textbooks . . . . .	47
XV. People Shown in the Pictures of Four Fifth Grade American History Textbooks . . . . .	47
XVI. People Shown in the Pictures of Three Fifth Grade American History Textbooks . . . . .	48
XVII. People Shown in the Pictures of Two Fifth Grade American History Textbooks . . . . .	48
XVIII. People Shown in the Pictures of One Fifth Grade American History Textbook . . . . .	49
XIX. People Recommended for Middle Grade Study in Wesley Report, Textbooks Which Include These People in their Pictures, and the Number of Times in Which These People Appear in the Seven Fifth Grade American History Textbooks .	51

1900

1901

1902

1903

1904

1905

1906

1907

LIST OF TABLES  
(Continued)

TABLE	PAGE
XX. Numerical Distribution of the Portraits Included in Seven Fifth Grade American History Text- books . . . . .	54
XXI. . Number of Pages of Text, Number of Pictures, Number of Colored Pictures, Number of Black and White Pictures, Number of People Included in Pictures, Number of Portraits, and Number of People in Pictures Who Appeared in the Wesley Report . . . . .	55

[Faint, illegible text, possibly bleed-through from the reverse side of the page]

## CHAPTER I

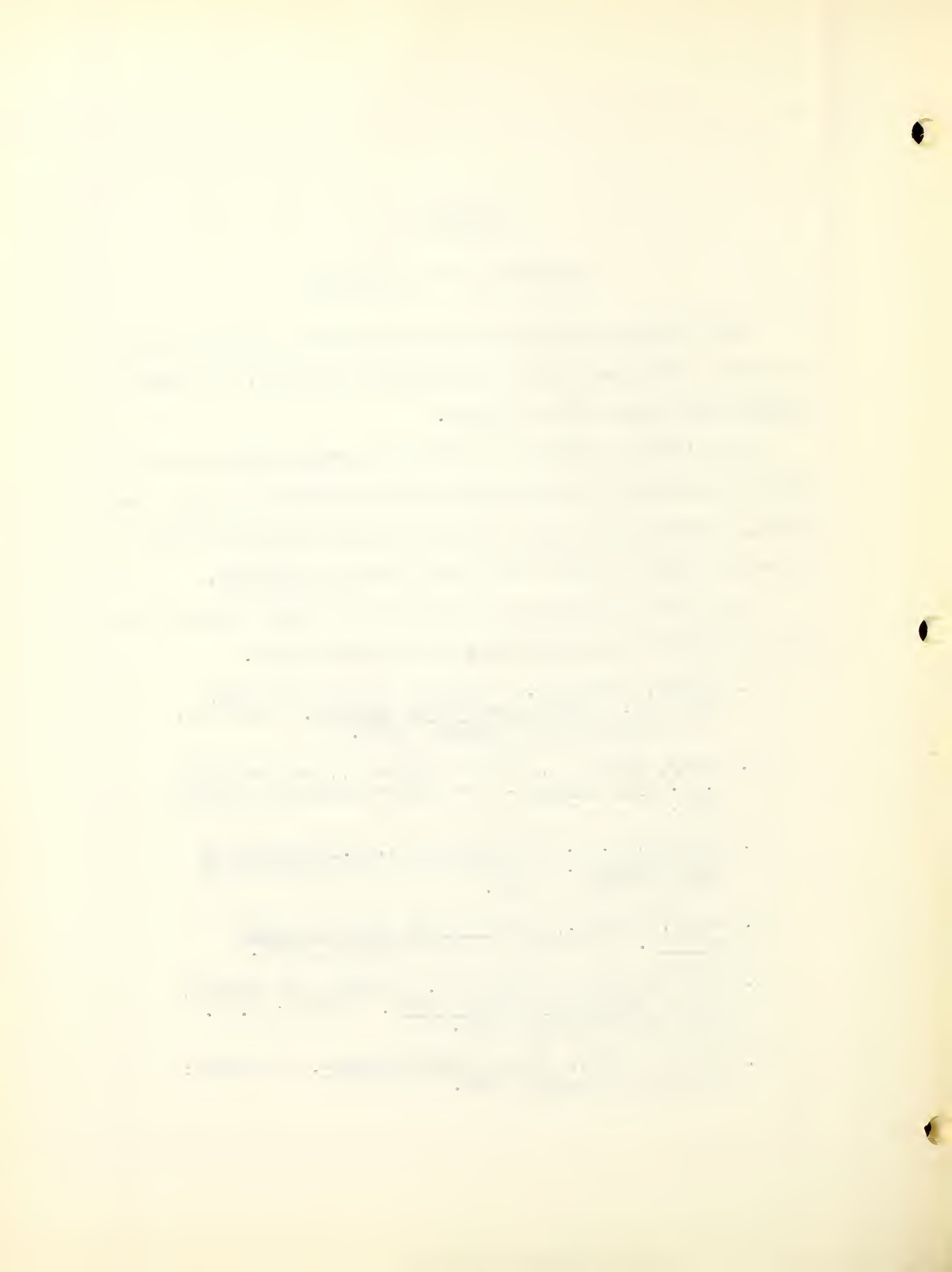
### STATEMENT OF THE PROBLEM

This study is an attempt to analyze the pictures found in seven fifth grade American history textbooks, published between the years 1942 and 1948.

The picture analysis is part of a group thesis plan in which other members of the group have analyzed the men, the dates, the maps, the place names, the references, and the selected events of the same seven history textbooks.

The letter preceding each book is the code letter representing that book throughout the present study.

- A. Barker, Eugene C., Alsager, Marie; and Webb, Walter P., The Story of Our Country. New York: Row Peterson and Company, 1943.
- B. Beeby, Daniel J.; Hanna, Joyce L., and McClure, C. H., Our Country. New York: Laidlaw Brothers, 1942.
- C. Cordier, R. W., and Robert, E. B., History of Young America. New York: Rand McNally Social Studies Series, 1948.
- D. Kelty, Mary G., The Story of Life in Early America. Boston: Ginn and Company, 1947.
- E. Lansing, Marion; Chase, W. Linwood; and Nevins, Allan, Makers of the Americas. Boston: D. C. Heath and Company, 1947.
- F. Maguire, Edna, America Then and Now. New York: Macmillan Company, 1948.



G. Moore, Clyde B.; Painter, Fred B.; Carpenter, Helen M.; and Lewis, Gertrude M., Building Our America. New York: Charles Scribner's and Sons, 1948.

These books were examined for:

1. The total number of pictures in each book, the total number of text pages in each book, and the total number of text pages per illustration.
2. The size of the pictures in each book.
3. The coloring of the pictures in each book.
4. The number of pictures with captions, the number of pictures without captions, and the various forms of captions found in the various books.
5. The types of pictures found in each book.
6. The number of pictures to each page in each book.
7. The location of pictures on each page of each book.
8. The location of pictures in relation to their accompanying textual matter.
9. The number of texts that included a list of colored pictures in their tables of contents, the number of texts that denoted pictures in their indices, and the number of texts that mentioned the pictures of the texts in their activities.
10. The number of pictures that included people and

the number of pictures that did not include people.

11. The alphabetical listing and frequency rating of people appearing in the pictures of each of the seven textbooks.

12. The number of portraits included in the seven textbooks.



## CHAPTER II

### REVIEW OF THE LITERATURE

Recent years have witnessed many changes in the pictures of elementary textbooks, especially the social studies books. In some of the present-day geography and history books, pictures comprise one of the chief features.

In the reading field, much research on the illustrations contained in primary and intermediate grade books has been effected. As reading is so directly connected with history, it was thought worthwhile to mention some of the results found in this area.

Miller<sup>1/</sup> found that there was no agreement on the best illustrative technique. The choice of illustrations is probably determined by the personal ideas of the artist, the publisher's ideas, and the cost of reproducing the pictures.

Mellinger<sup>2/</sup> made a study of 821 children in grades one, three, and five for the purpose of finding out whether

---

<sup>1/</sup>William A. Miller, "The Picture Choice of Primary Grade Children," Elementary School Journal 37: 273-82, December, 1936.

<sup>2/</sup>Bonnie E. Mellinger, "Children's Interests in Pictures," Teachers College Contributions to Education, No. 516, New York: Teachers College, Columbia University, New York, 1932.

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

children preferred black or white illustrations, and whether they preferred a conventionalized style or a realistic. She reported that:

1. Children have decided preferences.
2. Prefer color to black and white.
3. Prefer realistic rather than conventionalized styles.

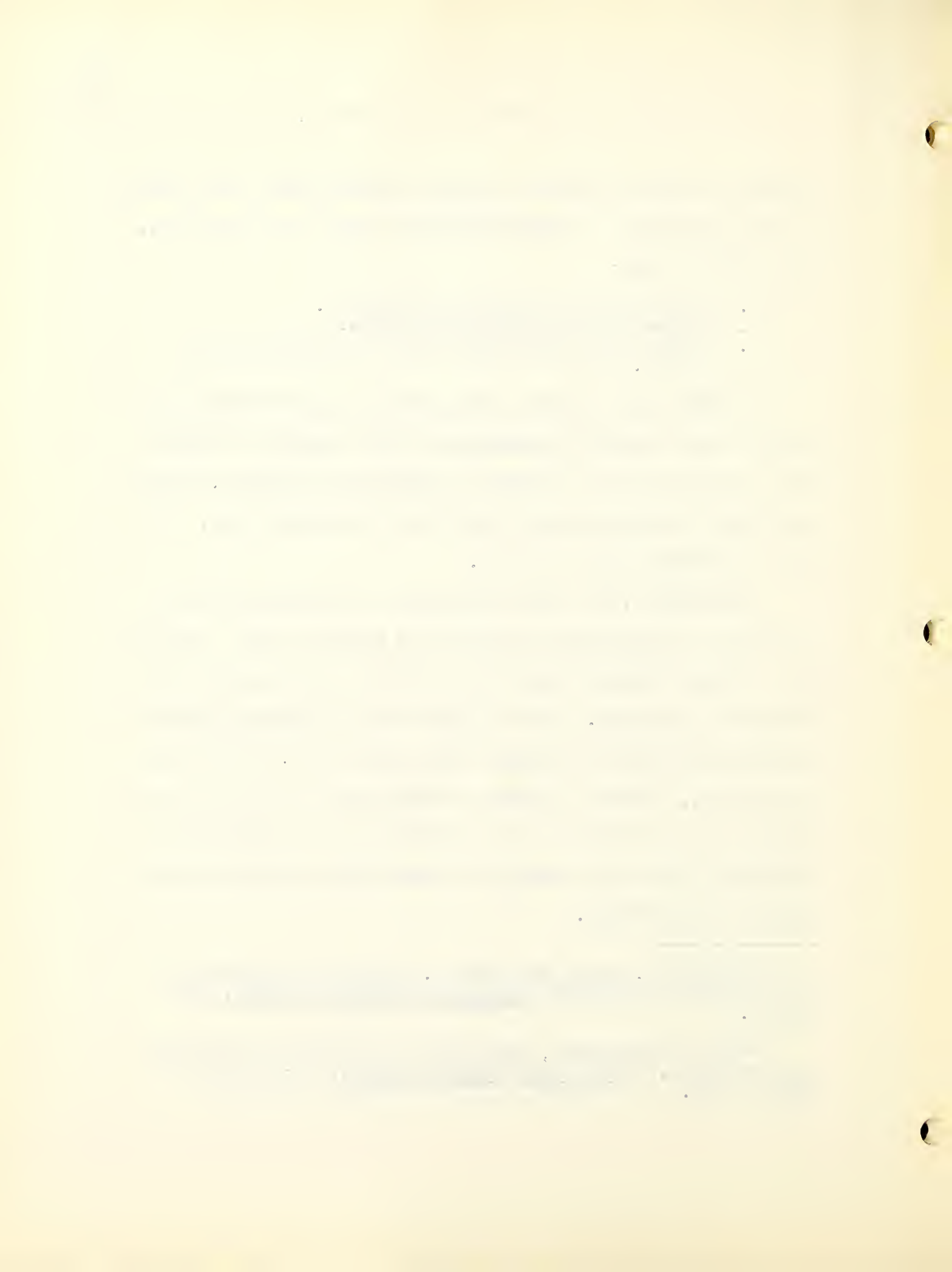
In the social studies field, Melbo and Waterman<sup>1/</sup> reported that pictures accounted for from twenty to twenty-five per cent of the content of geography textbooks. Therefore these pictures should function as teaching aids, and not as ornaments for the book.

Goodykoontz,<sup>2/</sup> in her evaluation of illustrations in textbooks for children in grades six through eight, implied that a close relationship exists between the text and the reading of pictures. She concluded that although pictures undoubtedly provide vicarious experiences which add to understanding, further evidence is necessary in order to help authors and publishers in the selection and arrangement of pictures, and to aid teachers in educating children to use pictures effectively.

---

<sup>1/</sup>Irving R. Melbo and Ivan R. Waterman, "Pictures in Our Geography Textbooks, Elementary School Journal, 36: 362-76.

<sup>2/</sup>Bess Goodykoontz, "Relation of Pictures in Reading Comprehension," Elementary English Review, 13: 125-30, April, 1936.



According to Hartley<sup>1/</sup> "the history texts today are for the most part quite well illustrated." He has considered the qualities which characterize a well illustrated American history textbook, and has given the following criteria.

A. Overall Design

1. Illustrations should be smoothly woven into text and constitute an integral part of the story.
  - a. Graphs, charts, pictures, maps and text closely integrated and used as tools to develop major understandings.
  - b. Illustrations follow the central theme and avoid distracting details.
  - c. Related illustrations should be placed in juxtaposition to show comparison, contrast or change.
2. The textbook should form an artistic whole.
  - a. Monotony of black type on white sheet should be broken by attractive and eye-appealing illustrations.
  - b. A judicious use of color adds artistic appeal and helps emphasize important points.
  - c. Spirited title page and well designed chapter headings should be appropriate to the main theme of the book.
  - d. An attractive cover should be suggestive of the subject of the book.
  - e. A variety of different types of illustrations should be included, tastefully arranged; not one map after the other, nor one color print after the other.
  - f. A goodly number of photos, sketches, and graphic devices should be prepared expressly for the text.

---

<sup>1/</sup> William H. Hartley, "Audio-Visual Materials and Techniques," The Study and Teaching of American History, Richard E. Thursfield, editor, Seventeenth Yearbook of the National Council for the Social Studies, Washington, D. C., 1946. pp. 307-308.

Faint, illegible text at the top of the page, possibly a header or introductory paragraph.

Main body of faint, illegible text, appearing to be several paragraphs of a document.

Faint, illegible text at the bottom of the page, possibly a footer or concluding paragraph.

- 3. The type of illustration should be suited to the purpose to be served.
  - a. Photographs for human interest and people in relation to their environment.
  - b. Maps, plans, and charts to place events in relation to each other and in relation to the environment.
  - c. Charts, graphs, and tables to present quantitative data.
  - d. Diagrams, charts, and blue prints to show processes.
- 4. Captions should be appropriate and challenging.
  - a. Should add to text, illustrating points in the text and challenging the reader with questions or directions as to possible learnings from the illustrations.
  - b. Not too long but not too brief.
  - c. Captions should not introduce new words or phrases without explaining them.
- 5. Illustrations should be suited to the grade level for which the text is designed.
- 6. Illustrations should not stress the exotic or unusual. They should not present these as the usual or typical.
- 7. Illustrations should not be too somber. They should show a sense of humor and appeal to the imagination.
- 8. Illustrations should not be numbered but should be referred to simply by the page upon which they appear.
- 9. All illustrations should be large enough to be easily studied, probably a half page minimum.
- 10. They should be well placed on the page and not lost in a corner nor overcrowding the text.

Up to the present time, there has been little pertinent material for the analysis of pictures contained in fifth grade American history textbooks.

Some work has been completed on textbook analysis in

[The text in this block is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

general. Certain theses and service papers were consulted in the carrying out of this study.

Conforth<sup>1/</sup> made an analysis of World War I as contained in ten junior high school books.

In her textbook analysis of ten junior high school books, Walsh<sup>2/</sup> also analyzed the treatment of World War I in textbooks published since the Conforth study was made.

Bixby<sup>3/</sup> has analyzed the treatment of Africa in eight sixth grade geography books.

On a fifth grade level, one textbook study by Worters<sup>4/</sup> analyzed ten textbooks to compare the purely verbal activities with the other activities.

Also, on a fifth grade level, Edwards<sup>5/</sup> analyzed the people found in American history textbooks.

---

<sup>1/</sup>Mary C. Conforth, "The World War In Ten Junior High School History Textbooks," Unpublished Master's thesis, Boston University, 1932.

<sup>2/</sup>Emily L. Walsh, "An Analysis of the Treatment of the World War In Ten Junior High School History Textbooks," Unpublished Master's Thesis, Boston University, 1946.

<sup>3/</sup>Edith P. Bixby, "The Treatment of Africa in Eight Sixth Grade Geography Books," Unpublished Master's Service Paper, Boston University, 1946.

<sup>4/</sup>Norma L. Worters, "An Analysis of Fifth Grade Textbooks To Compare The Purely Verbal With The Other Activities," Unpublished Master's Thesis, Boston University, 1943.

<sup>5/</sup>Mary M. Edwards, "An Analysis of People in Fifth Grade American History Textbooks," Unpublished Master's Service Paper, Boston University, 1947.

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

Having based this analysis on the finding of Goodykoontz<sup>1/</sup> that further evidence is needed to help authors, publishers, and teachers in the selection and arrangement of pictures, and the criteria for American history textbooks given by Hartley,<sup>2/</sup> the writer has analyzed the pictures found in seven fifth grade American history textbooks.

---

<sup>1/</sup>Bess Goodykoontz, "Relation of Pictures in Reading Comprehension," Elementary English Review, 13: 125-30, April, 1936.

<sup>2/</sup>William H. Hartley, "Audio-Visual Materials and Techniques," The Study and Teaching of American History, Richard E. Thursfield, editor, Seventeenth Yearbook of the National Council for the Social Studies, Washington, D. C., 1946.

Faint, illegible text at the top of the page, possibly a header or introductory paragraph.

Faint, illegible text at the bottom of the page, possibly a footer or concluding paragraph.

## CHAPTER III

### PROCEDURE USED IN THE STUDY

The seven books that were chosen by the group working on textbook analysis of fifth grade American history books were selected on a basis of recent publication and present use in the elementary schools.

The textbooks that were used are listed below. The letter preceding the name of each book represents the textbook throughout the study, and is used as a code letter.

- A. Barker, Eugene C., Alsager, Marie; and Webb, Walter P., The Story of Our Country. New York: Row Peterson and Company, 1943.
- B. Beeby, Daniel J.; Hanna, Joyce L., and McClure, C. H., Our Country. New York: Laidlaw Brothers, 1942.
- C. Cordier, R. W., and Robert, E. B., History of Young America. New York: Rand McNally, 1948.
- D. Kelty, Mary G., The Story of Life in Early America. Boston: Ginn and Company, 1947.
- E. Lansing, Marion; Chase, W. Linwood; and Nevins, Allan, Makers of the Americas. Boston: D. C. Heath and Company, 1947.
- F. Maguire, Edna, America Then and Now. New York: Macmillan Company, 1948.
- G. Moore, Clyde B.; Painter, Fred B.; Carpenter, Helen M.; and Lewis, Gertrude M., Building Our America. New York: Charles Scribner's and Sons, 1948.

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

All of the pictures in the aforementioned books were then analyzed by this writer in the following manner.

Number of pages, pictures, and pages of copy per picture.

The total number of pages were first determined by adding all of the numbered pages including textual matter. A total number of pictures for each book was found. The pictures in the frontispiece, the activities, and the table of contents were included in this count. No symbolic pictures used as decorative material were tabulated.

Next, the number of pages of copy per illustration for each book was determined by dividing the total number of pages of each book by the total number of pictures, giving an average number of text pages for each illustration contained in all of the pages of the individual books.

Size. For purposes of classification, each picture of each book was tabulated according to size - a double page picture, a full page picture, a picture covering from more than a half to a full page, one covering from a quarter to a half page, and one covering less than a quarter of a page.

A double page denoted a picture taking two full pages, and excluded any printed material, except captions. If a picture ran on to two full pages, with textual matter, each

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

part of the picture was tabulated as a separate picture.

Coloring. In a preliminary examination of the illustrations of the books included in this study, it was found that none of the pictures contained more than four colors. Therefore the coloring of a picture was classified as two-colored, four-colored, or black and white. Each picture of each book was then tabulated under the aforementioned categories, and a total for each type of coloring was found.

Captions. Captions were found in six of the seven books; it was decided to tabulate the total number of captions in each book.

The form of a caption is of importance in the interpretation of a picture. Wesley<sup>1/</sup> says that "some authors have apparently succeeded in making the picture effective by brief comments or by directive questions."

Captions were then classified according to the following forms: questions, statements, phrases, or a combination of questions and statements.

Types of pictures. For purposes of classification according to type, the pictures of the seven books were divided into three categories - drawings, paintings, and photographs.

---

<sup>1/</sup>Edgar B. Wesley, Teaching The Social Studies, Boston: D. C. Heath and Company, 1942. pp. 341-342.

[The text on this page is extremely faint and illegible. It appears to be a standard page of typed text with several paragraphs. The content is not discernible.]

A drawing, in this study, denoted a picture executed in black or white or colors by illustrators for a particular text.

A painting signified the reproduction of works done by artists for museums and public use and then reproduced in the texts.

A photograph was classified as an image taken with a camera and reproduced in a textbook.

Distribution of pictures to each page of text. The distribution of pictures to a page of a text was found by going through each page and counting the number of pictures on each page of each book. Those pages tabulated as pages without pictures also included the pages that contained maps, graphs, and charts, but no pictures. The pages were tabulated as those without pictures, those with one picture, those with two pictures, and those with three or more pictures.

Location of pictures on each page of textbooks. The pictures of the seven textbooks were next tabulated according to their location on a page - those that were located in the upper half of a page, those that occurred in the middle of a page with textual matter above and below the pictures, and those that appeared on the lower half of a page.

[The text on this page is extremely faint and illegible. It appears to be a standard page of typed or printed text, possibly containing a list or a series of paragraphs. The content is not discernible.]

Location of pictures in relation to accompanying textual matter. "Illustrations should be smoothly woven into the text and constitute an integral part of the story," Hartley<sup>1/</sup> says.

It was decided to tabulate the location of pictures in regard to textual matter according to six categories. Those pictures that had their textual matter on the same page were tabulated. If any part of the textual matter ran on to any other page, as well as on the picture page, it was tabulated as being on the same page as the picture.

The next classification was that of those pictures that preceded the textual matter, but faced it; that is, those pictures that were on the left-hand side of a double page.

The third classification was that in which the textual matter preceded the picture, that is, a double page on which the picture occurred on the right-hand side of the double page.

The fourth classification was that of a picture which had its related textual matter on the page following, but not facing it.

---

<sup>1/</sup>William H. Hartley, "Audio-Visual Materials and Techniques," The Study and Teaching of American History, Richard E. Thursfield, editor, Seventeenth Yearbook of the National Council for the Social Studies, Washington, D. C. 1942, pp. 307-308.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
5800 S. UNIVERSITY AVENUE  
CHICAGO, ILLINOIS 60637

RECEIVED  
JAN 15 1964

FROM  
DR. J. H. GOLDSTEIN

TO  
DR. R. M. MAYER

RE  
NMR SPECTRA OF POLYMER SOLUTIONS

A fifth classification was one in which the picture followed the textual matter, and did not face it.

A final classification was that in which there was no textual matter immediately preceding or following a picture, either on a facing or a non-facing page, but occurred in other pages of the text. This last type of picture was found to be the type that introduced new section of a book, or one with related textual material occurring two or three pages away from it.

Books that included a list of colored illustrations, books that indicated illustrations in their indices, books that mentioned pictures in their activities. In order to find out what books included a list of colored illustrations, each table of contents was consulted, and the results tabulated. It was thought worthwhile also to indicate which books mentioned their pictures in their indices. This was determined by going through all of the indices, and finding which ones mentioned illustrations or pictures.

What books mentioned their own illustrations in their activities? This was determined by going through all of the activities at the ends of chapters or units to see if the textbook's pictures were mentioned. Examples of these activities were STUDY EXERCISES (Book B); CAN YOU PROVE IT?

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

(Book D); TALKING TOGETHER, INTERESTING THINGS TO TRY, and LET'S READ (Book E).

Pictures that included people, pictures that did not include people. Hartley,<sup>1/</sup> in his criteria for textbook illustrations, states that photographs for human interest and people in relation to their environment should be a type of picture found in history textbooks. Therefore it was decided to determine how many pictures of each textbook included people, and how many did not. People, in this tabulation, signified either real persons, or fictitious, or models used as backgrounds for pictures.

Who were the people shown in these pictures? The people were found by combing the pictures, the accompanying textual matter, the captions, and the indices which indicated pictures. They were listed alphabetically for each textbook, and the frequency of their appearance in the individual pictures was tabulated.

Number of portraits. Although portraits were tabulated as pictures including people, it was thought profitable to tabulate them also as portraits. A portrait, in this study,

---

<sup>1/</sup>William H. Hartley, "Audio-Visual Materials and Techniques," The Study and Teaching of American History, Richard E. Thursfield, editor, Seventeenth Yearbook of the National Council for the Social Studies, Washington, D. C. 1942, pp. 307-308.

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

denoted a likeness of an individual in water colors, oils, pen and ink, or a photograph. No attempt was made to classify portraits as to size, color, or media.



## CHAPTER IV

### ANALYSIS OF DATA

The data were analyzed to determine the characteristics of the pictures included in seven fifth grade American history textbooks.

Pictures were analyzed according to their number, their size, their coloring, their captions, their types, their distribution to each page, their location on a page, their location in regard to accompanying textual matter, the number that included people and the number that did not include people.

The people who appeared in the pictures of the seven American history textbooks were analyzed according to the number of times of appearance in the various textbooks, and according to their appearance in the pictures as related to their appearance in the Wesley<sup>1/</sup> Report of the Committee on American History in Schools and Colleges.

---

<sup>1/</sup>Committee on American History in Schools and Colleges. American History in Schools and Colleges. New York, Macmillan Company, 1944.

[Faint Title]

[Faint, illegible text block]

[Faint signature or footer text]

TABLE I

NUMERICAL DISTRIBUTION OF THE TOTAL NUMBER OF PAGES,  
TOTAL NUMBER OF PICTURES, AND TOTAL NUMBER OF  
PAGES OF TEXT PER PICTURE FOUND IN SEVEN  
FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

Book	Number of pages of text	Number of pictures	Number of pages of text per picture
A	457	218	2.1
B	365	74	4.9
C	234	164	1.4
D	580	254	2.3
E	442	207	2.1
F	430	287	1.5
G	451	188	2.4
Totals	2959	1392	2.39 Average

Textbooks A, B, C, D, E, F, and G contained a total of 2959 pages of text. They had a total of 1392 pictures, and averaged 2.39 pages of text to each picture.

The number of pages of text ranged from 580 pages in Book D to 234 pages in Book C. Book A had the second largest number of pages of text with a total of 457 pages, and Book G ranked third with a total of 451 pages.

The number of pictures in each book varied from 287 in Book F to 74 in Book B.



Book D had the second largest number of pictures - 254, while Book E had the third largest number - 207.

The number of pages of text per picture varied from 1.4 in Text C to 4.9 in Text B. Text G had the second greatest number of pages of text per picture - 2.4. Text D had the third largest number of pages of text per picture with an average of 2.3 pages per picture.

Book F had the greatest number of pictures in relation to the number of pages of text. It had 287 pictures to 430 pages of text.

Book B had the smallest number of pictures in relation to the number of pages of text. It had seventy-four pictures to 365 pages of text.

Book D had had the second greatest number of pictures in relation to the number of pages of text. It had 254 pictures to 580 pages of text, and Book E had the third largest number of pictures in relation to the number of pages of text. It had 207 pictures to 442 pages of text.



TABLE II

NUMERICAL DISTRIBUTION OF THE VARIOUS SIZES OF  
PICTURES FOUND IN SEVEN FIFTH GRADE  
AMERICAN HISTORY TEXTBOOKS

Book	Double Page	Full Page	More than half to full page	Quarter to half page	Less than Quarter	Total
A	0	10	27	160	21	218
B	0	6	1	53	14	74
C	0	11	1	128	24	164
D	2	41	22	169	20	254
E	0	12	35	143	17	207
F	0	14	92	130	51	287
G	15	9	30	119	15	188
Totals	17	103	208	902	162	1392

In textbooks A, B, C, D, E, F and G there were seventeen double-page pictures, 103 full page pictures, 208 more than half to full page pictures, 902 quarter to half page pictures, and 162 less than quarter page pictures.

Five books out of the seven had no double page pictures. Book D had two double-page pictures while Book G had fifteen.

Full page pictures were found in all of the seven textbooks. Book D had the greatest number of this size picture - forty-one, while Book B had the smallest number -



six. Book F ranked second in largest number of full page pictures with a total of fourteen pictures.

More than half to full size pictures were found in all seven books. Book F had the greatest number of this size - ninety-two. Books B and C had only one each of this size picture. Book E ranked second in number with thirty-five, and Book G had thirty of the more than half to full size page pictures.

The greatest number of pictures were found in the quarter to half page category. Book D had the greatest number of this size - 169. Book B had the smallest number - fifty-three. Book E had the second largest number of this size picture with a total of 143, and Book F had the third largest number with a total of 130.

Less than quarter size pictures were also found in all of the seven textbooks. Book F had the largest number of this size with a total of fifty-one, and Book B had the smallest number with a total of fourteen. Book E had the second largest number of the less than quarter size pictures with a total of twenty-four, and Book D ranked third with a total of twenty.



TABLE III

NUMERICAL DISTRIBUTION OF THE COLORING FOUND IN  
THE PICTURES IN SEVEN FIFTH GRADE  
AMERICAN HISTORY TEXTBOOKS

Book	Two-colored Pictures	Four-Colored Pictures	Black and White	Total
A	150	0	68	218
B	0	74	0	74
C	5	0	159	164
D	7	0	247	254
E	0	102	105	207
F	0	0	287	287
G	0	16	172	188
Total	162	192	1038	1392

In textbooks A, B, C, D, E, F, and G there were 162 two-colored pictures, 192 four-colored pictures, and 1038 black and white pictures.

Three of the seven textbooks had two-colored pictures, while four of them did not have this type of colored picture. Book A had the greatest number of two-colored pictures - 150. Book D had the next greatest number of this type of colored picture - seven. Book C ranked third with a total of five two-colored pictures.



Three of the seven textbooks had four-colored pictures. Book E had the greatest number of this type of coloring with a total of 102. Book B had the second greatest number of four-colored pictures, and Book G ranked third with a total of sixteen pictures.

By far, the greatest number of pictures were in black and white. Six books out of the seven had some black and white pictures. Book B did not have any black and white pictures. The greatest number of black and white pictures were found in Book F which had a total of 287 of this type of picture. Book D had the second greatest number of black and white pictures with a total of 247. Book G ranked third with a total of 172 pictures.

[Faint, illegible text, possibly bleed-through from the reverse side of the page]

TABLE IV

NUMERICAL DISTRIBUTION OF THE NUMBER OF PICTURES WITH CAPTIONS, THE NUMBER WITHOUT CAPTIONS, AND THE VARIOUS FORMS OF CAPTIONS FOUND IN SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

Book	Pictures with Captions	Pictures without Captions	Captions in Statement Form	Captions in Phrase Form	Captions with combination of Question and Statement
A	101	117	101	0	0
B	57	17	57	0	0
C	111	53	23	88	0
D	254	0	54	98	102
E	0	207	0	0	0
F	10	277	6	4	0
G	188	0	188	0	0
Totals	721	671	429	190	102

In textbooks A, B, C, D, E, F, and G there were 721 pictures with captions and 671 without captions. Of the 721 pictures with captions, none was in Question Form, 429 were in the form of a statement, 190 were in phrase form, and 102 combined a question and a statement.

Book D had the greatest number of pictures with captions - 254. Book E contained no captions. Five out of the seven textbooks contained a combination of pictures with captions and pictures without captions. Both books



D and G had captions with every picture.

Book F contained the greatest number of pictures without captions - 277. Book E had the second greatest number of pictures without captions - 207. Book A had the third greatest number without captions - 117. Both books D and G had no pictures without captions.

Books A, B, and C had all of their captions in statement form.

Books C and F had a combination of captions with statements and phrases.

Book D was the only book which contained all three forms of captions - statements, phrases, and combinations of questions and statements.

[Faint, illegible text, possibly bleed-through from the reverse side of the page]

TABLE V

NUMERICAL DISTRIBUTION OF THE TYPE OF PICTURES  
 FOUND IN SEVEN FIFTH GRADE  
 AMERICAN HISTORY TEXTBOOKS

Book	Drawings	Paintings	Photographs	Total
A	218	0	0	218
B	73	1	0	74
C	164	0	0	164
D	122	62	70	254
E	207	0	0	207
F	287	0	0	287
G	61	54	73	188
Totals	1132	117	143	1392

In textbooks A, B, C, D, E, F, and G there were 1132 drawings, 117 paintings, and 143 photographs.

Books A, C, E, and F contained only that type of picture designated as a drawing. Book F contained the greatest number of drawings - 287. Book A contained the second greatest number of drawings - 218. Book E contained the third greatest number of drawings - 207. Book G had the least number of drawings - sixty-one.

Books B, D, and G contained pictures designated as paintings. Books A, C, E, and F contained no paintings.



Book D had the greatest number of paintings - sixty-two. Book G had the second greatest number of paintings - fifty-four. Book B had one picture designated as a painting.

Two books, D and G, contained photographs. Books A, B, C, E, and F did not contain any photographs. Book G contained the greatest number of photographs - seventy-three.

By far the greatest number of pictures were classified as drawings.

TABLE VI

NUMERICAL DISTRIBUTION OF THE NUMBER OF PICTURES  
TO EACH PAGE IN EACH FIFTH GRADE  
AMERICAN HISTORY TEXTBOOK

Book	No. of pages without pictures	No. of pages with 1 picture	No. of pages with 2 pictures	No. of pages with 3 or more	Total
A	251	202	2	2	457
B	300	62	2	1	365
C	122	14	98	0	234
D	317	261	2	0	580
E	241	199	2	0	442
F	133	291	6	0	430
G	285	155	11	0	451
Totals	1649	1184	123	3	2959



In textbooks A, B, C, D, E, F, and G there were 1649 pages without pictures, 1184 pages with one picture, 123 pages with two pictures, and three pages with three or more pictures.

The greatest number of pages did not include pictures. Of the pages that did include pictures, the one picture to a page was the most popular arrangement.

The number of pages without pictures varied from 317 in Book D to 133 in Book F. Book B had the second greatest number of pages without pictures - 300, and Book G the third greatest number - 285.

The number of pages with one picture varied from 291 in Book F to fourteen in Book C. Book D had the second greatest number with one picture to a page - 261, and Book A the third greatest with 202 pages that had only one picture.

The number of pages with two pictures varied from ninety-eight in Book C to two in Books A, B, and E.

The number of pages with three pictures, or more, were very much in the minority. Five books out of the seven did not contain any such arrangement of pictures. These were books C, D, E, F, and G. Book A had only two pages with three or more pictures, and Book B had one page with three or more pictures.



TABLE VII

NUMERICAL DISTRIBUTION OF THE LOCATION OF PICTURES  
ON EACH PAGE OF SEVEN FIFTH GRADE  
AMERICAN HISTORY TEXTBOOKS

Book	Upper half of page	Lower half of page	Middle of page	Entire page	Total
A	113	94	1	10	218
B	42	3	22	7	74
C	82	70	7	5	164
D	125	87	2	40	254
E	87	76	30	14	207
F	172	90	8	17	287
G	152	3	1	32	188
Totals	773	423	71	125	1392

In textbooks A, B, C, D, E, F, and G there were 773 pictures which were located on the upper half of a page, 423 pictures which were located on the lower half of a page, 71 pictures which were situated in the middle of a page, and 125 pictures which covered an entire page.

All of the seven textbooks had pictures located on the upper half of a page. Book F had the greatest number in this location - 172. Book B had the least number in this location - 42. Book G had the second greatest number in this location - 152, and Book D had the third greatest



number with a total of 125.

Pictures that were located on the lower half of a page ranged from a total of ninety-four in Book A to a total of three in Books B and G. Pictures that were located on the lower half of a page ranked second in number to those that were located on the upper half of a page.

The least number of pictures were found in the middle of a page. Book E had a total of thirty in this location, while Books A and G had only one each in this location.

Book D had the greatest number of pictures covering an entire page with a total of forty. Book C had the least number - five.



TABLE VIII

NUMERICAL DISTRIBUTION OF THE LOCATION OF PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS  
IN RELATION TO THEIR ACCOMPANYING TEXTUAL MATTER

Book	Textual Matter on Same page	Picture on pre- ceding page with textual matter facing it	Picture on fol- lowing page with textual matter facing it	Picture on pre- ceding page, not facing textual matter	Picture on page following, not facing textual matter	Textual matter not following or preceding, but on other pages	Total
A	165	5	11	4	7	26	218
B	47	5	15	4	2	1	74
C	141	3	7	0	2	11	164
D	133	24	21	14	20	42	254
E	171	4	2	0	0	30	207
F	247	3	20	3	4	10	287
G	86	3	35	18	17	29	188
Totals	990	47	111	43	52	149	1392

In textbooks A, B, C, D, E, F, and G 990 pictures were on the same page as the accompanying textual matter; forty-seven pictures were on preceding pages with textual matter facing them; 111 pictures followed the textual mat-

[Faint, illegible title text]

[Faint header 1]	[Faint header 2]	[Faint header 3]	[Faint header 4]	[Faint header 5]	[Faint header 6]
[Faint data 1.1]	[Faint data 1.2]	[Faint data 1.3]	[Faint data 1.4]	[Faint data 1.5]	[Faint data 1.6]
[Faint data 2.1]	[Faint data 2.2]	[Faint data 2.3]	[Faint data 2.4]	[Faint data 2.5]	[Faint data 2.6]
[Faint data 3.1]	[Faint data 3.2]	[Faint data 3.3]	[Faint data 3.4]	[Faint data 3.5]	[Faint data 3.6]
[Faint data 4.1]	[Faint data 4.2]	[Faint data 4.3]	[Faint data 4.4]	[Faint data 4.5]	[Faint data 4.6]
[Faint data 5.1]	[Faint data 5.2]	[Faint data 5.3]	[Faint data 5.4]	[Faint data 5.5]	[Faint data 5.6]
[Faint data 6.1]	[Faint data 6.2]	[Faint data 6.3]	[Faint data 6.4]	[Faint data 6.5]	[Faint data 6.6]
[Faint data 7.1]	[Faint data 7.2]	[Faint data 7.3]	[Faint data 7.4]	[Faint data 7.5]	[Faint data 7.6]
[Faint data 8.1]	[Faint data 8.2]	[Faint data 8.3]	[Faint data 8.4]	[Faint data 8.5]	[Faint data 8.6]
[Faint data 9.1]	[Faint data 9.2]	[Faint data 9.3]	[Faint data 9.4]	[Faint data 9.5]	[Faint data 9.6]
[Faint data 10.1]	[Faint data 10.2]	[Faint data 10.3]	[Faint data 10.4]	[Faint data 10.5]	[Faint data 10.6]

[Faint, illegible text at the bottom of the page]

ter with textual matter facing them; forty-three pictures were on a preceding page with textual matter not facing them; fifty-two pictures were on pages following the textual matter and not facing the textual matter; 149 pictures had textual matter, preceding or following them, but not on the page immediately following or preceding.

Books that had their pictures with textual matter on the same page ranged from Book F with a total of 247 pictures of this type to Book B with a total of forty-seven. The majority of pictures had their textual matter on the same page, as 990 out of the 1392 pictures analyzed fell in this category.

Pictures that were on a preceding page with textual matter facing them ranged from a total of twenty-four in Book D to a total of three in Books C, F, and G. Both books A and B had the same number of this type of picture - five.

Pictures that were on a following page with textual matter facing them ranged from thirty-five in Book G to two in Book E.

Pictures that were located on preceding pages not facing textual matter, ranged from eighteen in Book G to none in Books C and E.

Pictures that were located on following pages, not



facing textual matter, ranged from twenty in Book D to two in Books B and C and none in Book E.

Pictures that had their textual matter on pages, not following or preceding them, but on other pages, ranged from forty-two in Book D to one in Book B. Book E had the second greatest number of this type of picture with a total of thirty, and Book G had the third greatest number with a total of twenty-nine.

TABLE IX

NUMERICAL DISTRIBUTION OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS THAT INCLUDE A LIST OF COLORED PICTURES, INDICATE PICTURES IN THEIR INDICES, AND MENTION PICTURES OF TEXTBOOKS IN THEIR ACTIVITIES

Book	Books that contain a list of colored illustrations	Books that mention pictures in their indices	Books that mention the pictures of the text in their activities
A		*	
B			
C		*	
D	*		
E		*	
F			*
G		*	

\*Indicates that textbooks contain a list of colored illustrations, mention pictures in their indices, and men-

Faint, illegible text at the top of the page, possibly a header or introductory paragraph.

Main body of faint, illegible text, possibly containing a list or detailed notes.

tion the pictures of the text in their activities.

One book, Book D, contained a list of its colored illustrations.

Four books, A, C, E, and G indicated the pictures of their texts in the indices.

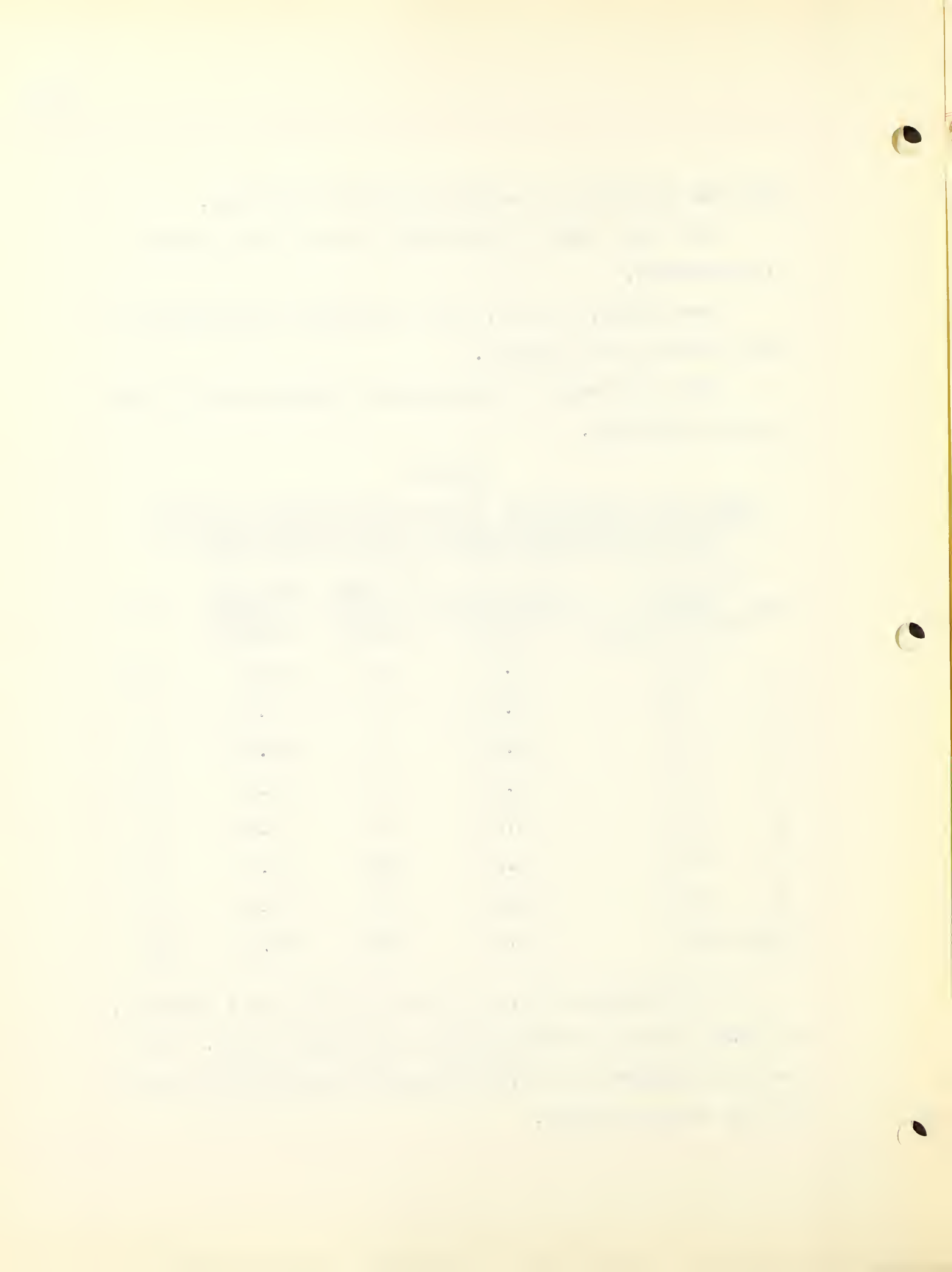
One book, Book F, mentioned the pictures of its text in its activities.

TABLE X

NUMERICAL DISTRIBUTION OF THE PICTURES THAT INCLUDE PEOPLE AND THE PICTURES THAT DO NOT INCLUDE PEOPLE IN SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

Book	Pictures that include people	Per cent that include people	Pictures without people	Per cent without people	Total
A	181	83.03	37	16.97	218
B	67	90.54	7	9.46	74
C	133	81.09	31	18.99	164
D	222	87.40	32	12.60	254
E	190	91.79	17	8.21	207
F	172	59.93	115	40.07	287
G	146	77.66	42	22.34	188
Totals	1111	79.81	281	20.19	1392

In textbooks, A, B, C, D, E, F, and G, 1111 pictures, or 79.81 per cent of the pictures, included people. There were 281 pictures, or 20.19 per cent of the pictures which did not include people.



The number of pictures that included people ranged from 222 in Book D to sixty-seven in Book B.

The per cent of the pictures that included people ranged from 90.54 per cent in Book B to 59.93 per cent in Book F.

Pictures that did not include people varied from 115 in Book F to seven in Book B.

The per cent of the pictures that did not include people varied from 40.07 per cent in Book F to 9.46 per cent in Book B.

Textbook F was the most evenly divided in the number that included people and the number that did not include people with 59.93 per cent of the pictures including people and 40.07 per cent not including people.

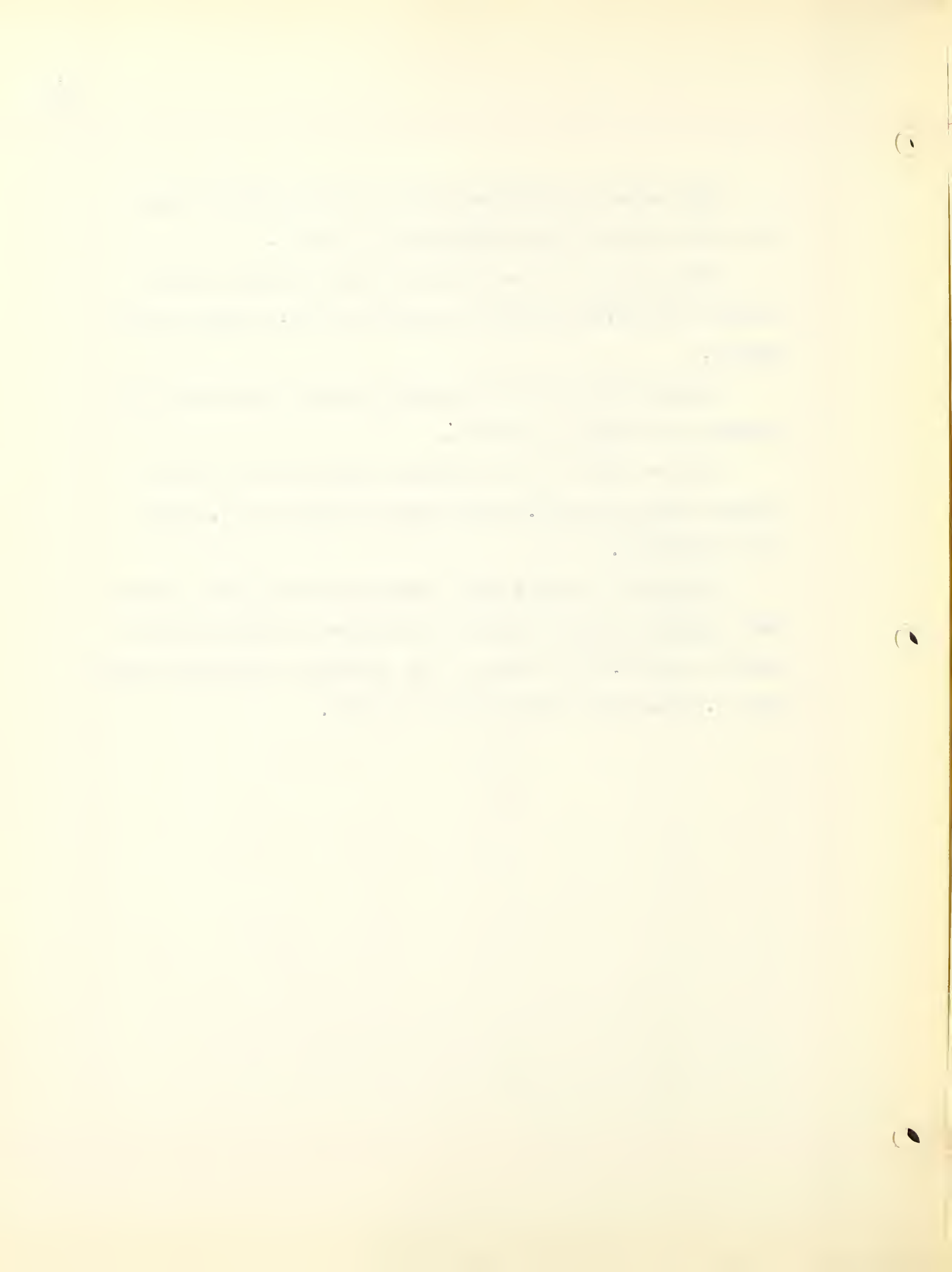


TABLE XI

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Adams, John				1				1	1
Addams, Jane				1				1	1
Allen, Ethan							1	1	1
Anthony, Susan B.				1	1	1		3	3
Balboa, Vasco	1	1	1		2	1	1	6	7
Baltimore, Lord				1			1	2	2
Barton, Clara				1				1	1
Becknell, William					1			1	1
Bell, Alexander	1			1	1	1	1	5	5
Berkley, Governor							1	1	1
Bolivar, Simon			1					1	1
Boone, Daniel			1				1	2	2
Burbank, Luther				1				1	1
Byrd, Richard E.	1							1	1
Cabot, John	1		1				1	3	3
Cadillac, Antoine					1			1	1
Calhoun, John		1						1	1
Calvert, Leonard				1				1	1

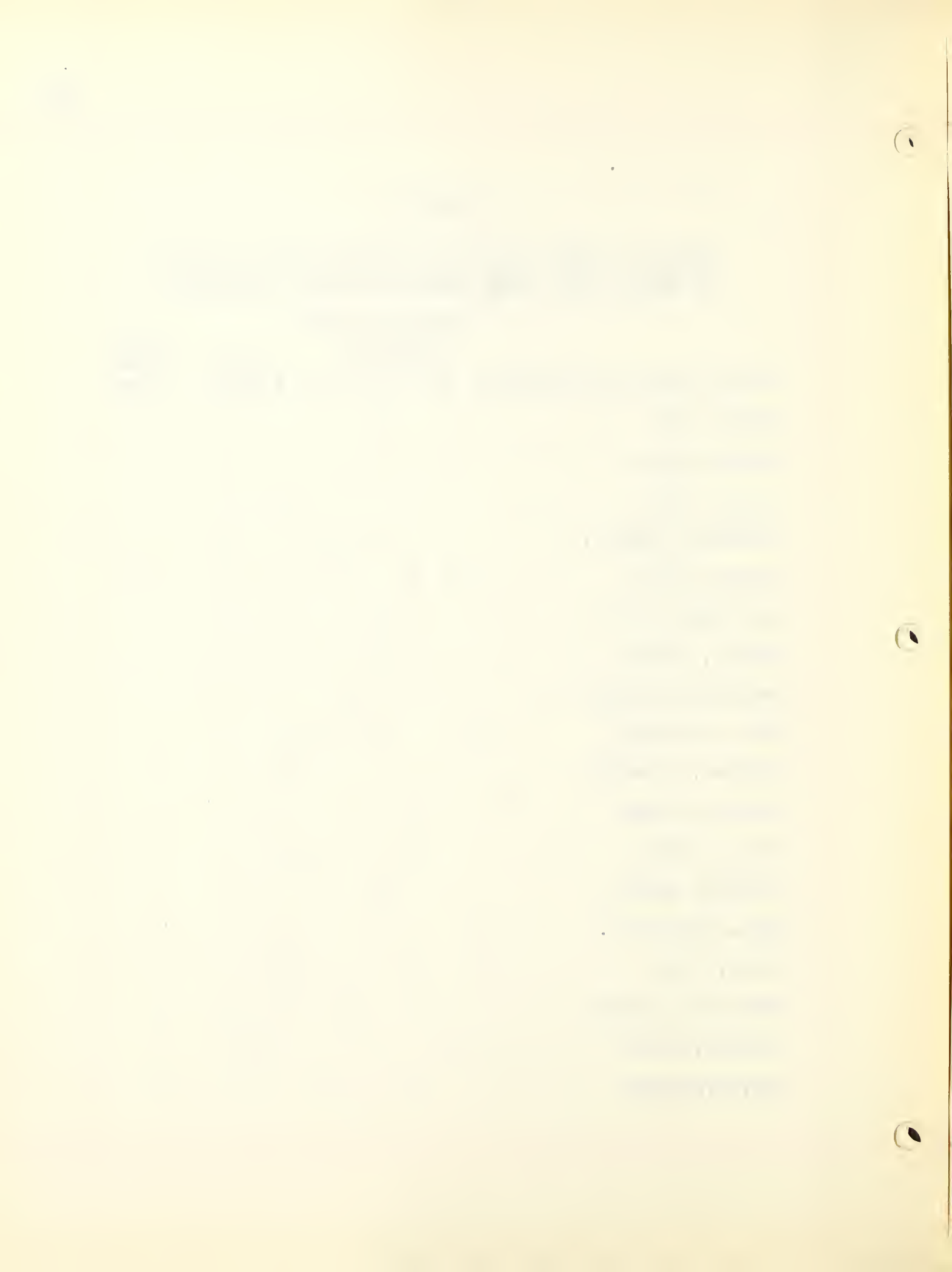


TABLE XI (Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Carson, Kit					1			1	1
Cartier, Jacques	1				2	1	1	4	5
Carver, George Washington							1	1	1
Celeron, Pierre					1			1	1
Champlain, Samuel				1	2	1		3	4
Charbonneau, Toussaint					1			1	1
Churchill, Winston							1	1	1
Clark, George Rogers					2		1	2	3
Clark, William			1	1	1	1	1	5	5
Clay, Henry	1	1			1	1		4	4
Clemens, Samuel					1			1	1
Clinton, Governor							1	1	1
Columbus, Christopher	4	4	1	2	7	3	5	7	26
Coronado, Francisco	1	1		2	1	1	1	6	7
Cortez, Hernando			1	1	1	1	1	5	5
Da Gama, Vasco		1						1	1
Davis, Jefferson	1	1						2	2
Delaware, Lord							1	1	1
De Soto, Hernando	1	1	1				1	4	4

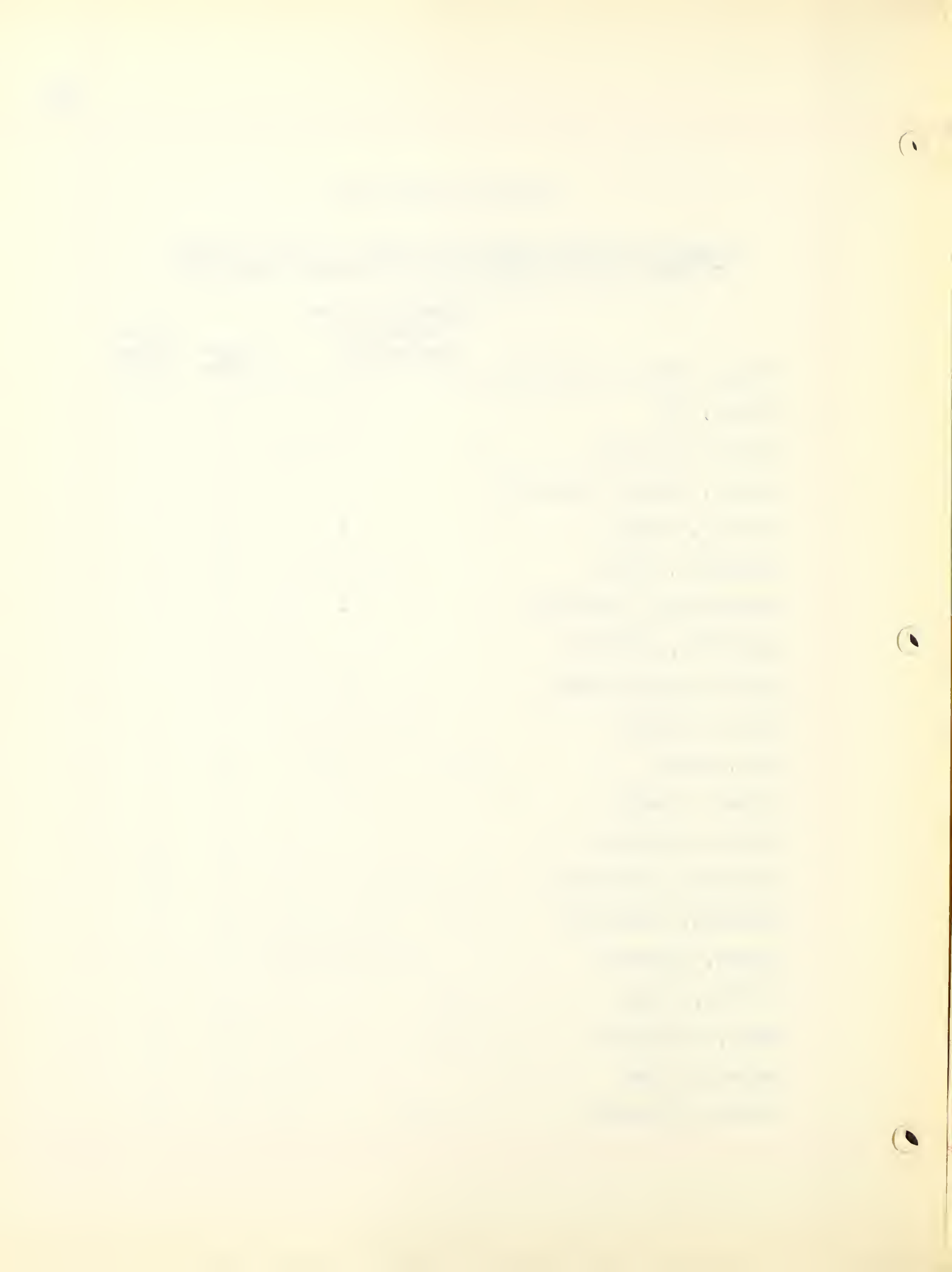


TABLE XI (Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Drake, Colonel E. L.					1			1	1
Drake, Sir Francis	1	1	1	1	1	1	2	7	8
Edison, Thomas A.	1	2			1	1	1	5	6
Elizabeth, Queen	1						1	2	2
Eisenhower, Dwight						1	1	2	2
Ericcson, Leif					1			1	1
Ferdinand, King					1			1	1
Ford, Henry							1	1	1
Franklin, Benjamin	2	1		3	3	1	3	6	13
Fremont, John					2			1	2
Fulton, Robert							1	1	1
Gist, Christopher					1			1	1
Goodyear, Charles				1				1	1
Gorgas, William					1			1	1
Grant, Ulysses	1			1		2		3	4
Gray, Robert							1	1	1
Hamilton, Alexander		1				2		2	3
Hancock, John				1				1	1

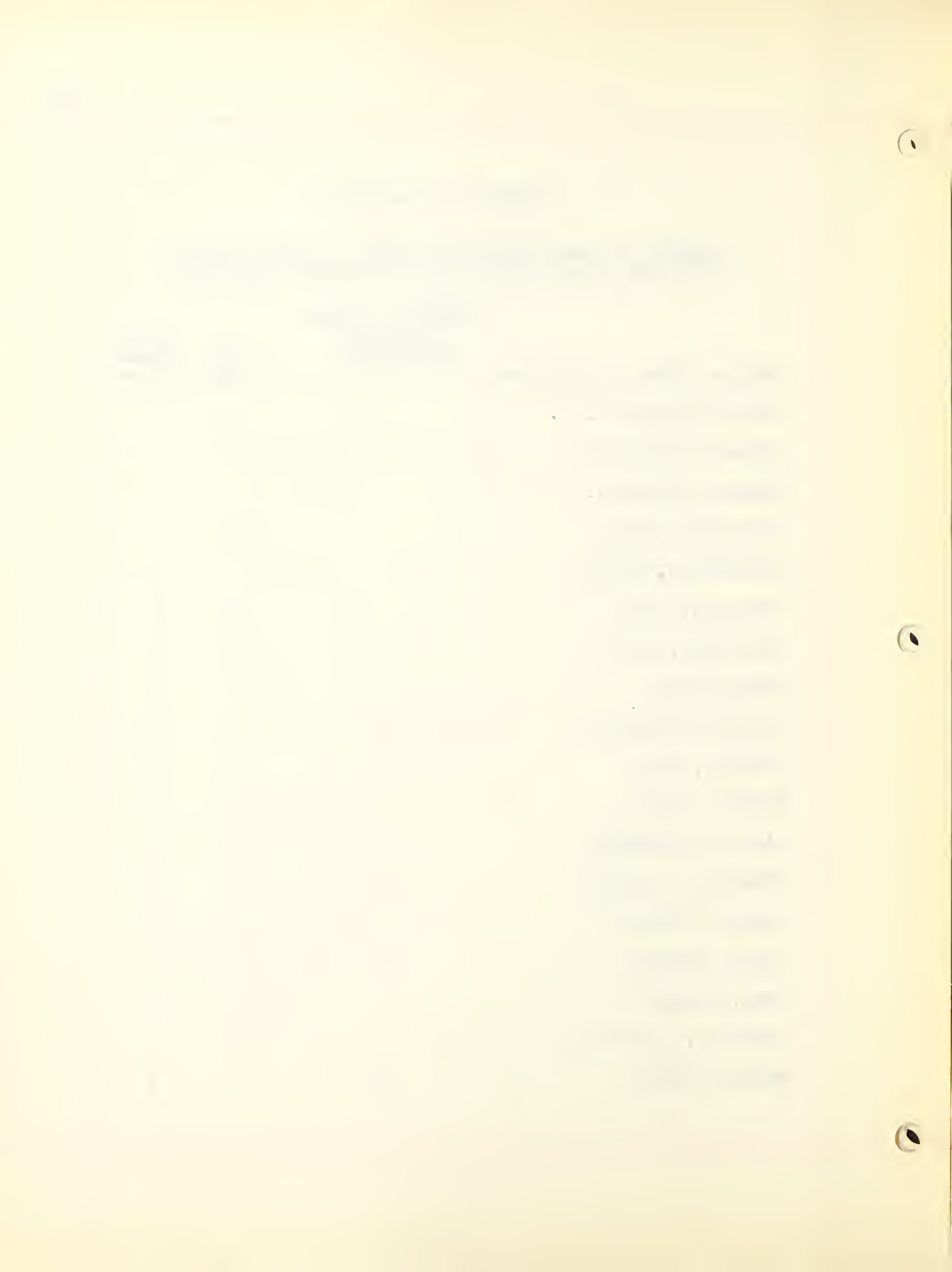


TABLE XI (Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Henry, Patrick	1	1	1		1		1	5	5
Henry, Prince		1						1	1
Hidalgo, Father					1			1	1
Hooker, Thomas			1		1		1	3	3
Hoover, Herbert							1	1	1
Houston, Samuel						1		1	1
Howe, Elias	1					1		2	2
Hudson, Henry							3	1	3
Hutchinson, Ann		1						1	1
Isabella, Queen					1			1	1
Jackson, Andrew					1	1	1	3	3
Jackson, Stonewall				1	1			2	2
Jefferson, Thomas	1	1		1		2		4	5
Joliet, Louis	1		1	1		1	1	5	5
Jones, John Paul					1			1	1
Juarez						1		1	1
Key, Francis Scott	1			1				2	2
Khan			1	1			1	3	3



TABLE XI (Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
LaSalle, Robert	1	1	1	1	1	1	1	6	6
Lee, Robert E.	1			1	1	3	1	5	7
Lewis, Meriwether	1			2	2	1	1	5	7
Lincoln, Abraham	1		2	5	3	3	3	6	17
Lucas, Eliza					1			1	1
Lyon, Mary	1							1	1
MacArthur, General							1	1	1
Madison, James						1		1	1
Magellan, Ferdinand	1			1				2	2
Marconi, Guglielmo						1		1	1
Marquette, Father	1	1	1	1		1	1	6	6
Marshall, James	1							1	1
Marshall, John						1		1	1
McCormick, Cyrus					1	1		2	2
Minuit, Peter					1			1	1
Montezuma				1			1	2	2
Montcalm, General						1		1	1
Morse, Samuel	1	1			1			3	3



TABLE XI (Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Ogelthorpe, General						1	1	2	2
O'Hara	1						1	2	2
Oswald, John							1	1	1
Pedro I, Prince					1			1	1
Penn, William		2	2		1	1	1	5	7
Peter the Hermit	1							1	1
Pike, Zebulon	1							1	1
Pizarro					1			1	1
Pocahontas	1	1			1			3	3
Polo, Marco	1		1	1		1	1	5	5
Ponce de Leon	1						1	2	2
Pontiac							1	1	1
Portola, Gaspar De			1					1	1
Powhatan							1	1	1
Raleigh, Sir Walter				1				1	1
Reed, Walter	1		1					2	2
Revere, Paul	2	1			1	1		4	5
Riis, Jacob				1				1	1



TABLE XI (Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Rolfe, John					1			1	1
Roosevelt, F.D.R.		1			1	1	1	4	4
Roosevelt, Theodore					2			1	2
Sacajawea		1			2			2	3
San Martin, Jose De				1	1			2	2
Santa Anna, General						1		1	1
Sholes, Christopher							1	1	1
Smith, Jedediah	1			1				2	2
Smith, John	1	1			2	1	1	5	6
Squanto				1				1	1
Steubon, Baron	1						1	2	2
St. Lussion, Daumonte de					1			1	1
Stuyvesant, Peter		1			1	1	1	4	4
Sutter, John						1		1	1
Thompson, David				1				1	1
Truman, Harry							1	1	1
Umeza, General Yeshira					1			1	1
Verendrye, Pierre				1				1	1

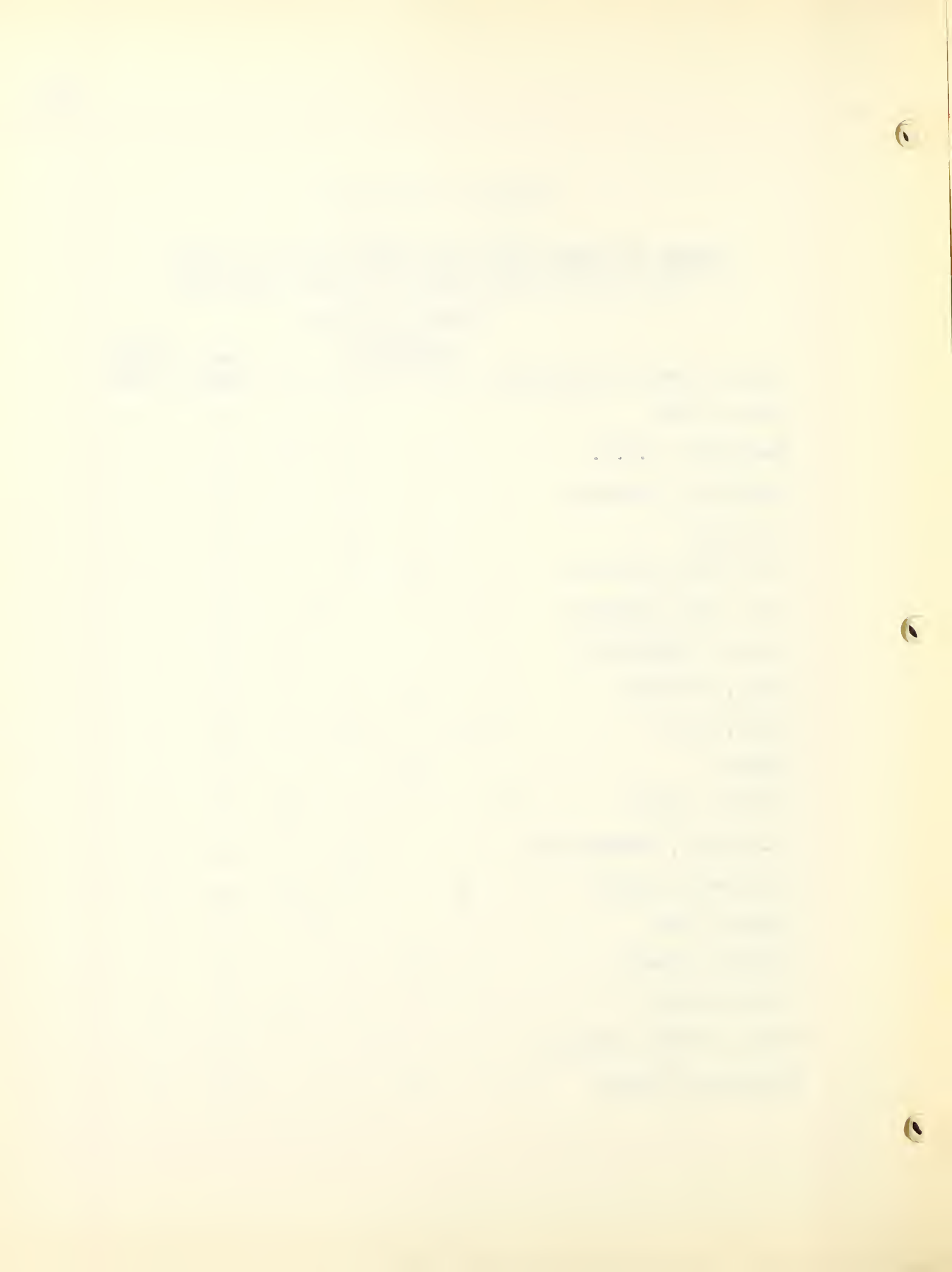


TABLE XI ( Continued)

NUMBER OF TIMES PEOPLE ARE SHOWN IN THE PICTURES  
OF SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

People shown in pictures	Number of times shown in Textbooks							Total Books	Total times shown
	A	B	C	D	E	F	G		
Verrazano					1			1	1
Vespucci, Amerigo	1							1	1
Washington, Booker T.					1			1	1
Washington, George	6	4		6	4	8	1	6	29
Webster, Daniel	1	1						2	2
Wayne, Anthony						1		1	1
White, John					1			1	1
Whitney, Eli	1				2			2	3
Williams, Roger					1		1	2	2
Wilson, Woodrow					1	1	1	3	3
Winthrop, John					1		1	2	2
Wolfe, James	1							1	1
Wright, Orville and Wilbur		1			1	1	1	4	4
Totals	56	35	27	48	88	62	67		383

One hundred and thirty-nine people appeared a total of 383 times in the seven textbooks. George Washington was shown in the greatest number of pictures - 29. He also was shown



in the greatest number of pictures in one textbook. In Book A he appeared eight times. Columbus ranked second with a total of twenty-six pictures. He also appeared in pictures in all seven books. Lincoln ranked third with a total of seventeen pictures.

In Book A, from a total of 139 people who appeared in all of the seven textbooks forty-seven people appeared fifty-six times.

In Book B, from a total of 139 people who appeared in all of the textbooks, thirty-two people appeared in thirty-five pictures.

In Book C, from a total of 139 people who appeared in all of the textbooks, twenty-five people appeared twenty-seven times.

In Book D, from a total of 139 people who appeared in all of the textbooks, thirty-four people appeared forty-eight times.

In Book E, from a total of 139 people who appeared in all of the textbooks, sixty-five people appeared in eighty-eight pictures.

In Book F, from a total of 139 people who appeared in all of the textbooks, forty-six people appeared in sixty-two pictures.

In Book G, from a total of 139 people who appeared in



all of the textbooks, fifty-six people appeared sixty-seven times.

Book E had the greatest number of people shown - sixty-five, from the total of 139 people included in the pictures of the seven textbooks.

#### TABLE XII

##### PEOPLE SHOWN IN THE PICTURES OF ALL SEVEN TEXTBOOKS

Columbus, Christopher

Drake, Sir Francis

Two people were shown in the pictures in all seven textbooks.

#### TABLE XIII

##### PEOPLE SHOWN IN THE PICTURES OF SIX OF THE SEVEN TEXTBOOKS

Balboa, Vasco

Lincoln, Abraham

Coronado, Francisco

Marquette, Father

Franklin, Benjamin

Washington, George

La Salle, Robert

Seven people were shown in the pictures of six of the seven textbooks.



TABLE XIV

## PEOPLE SHOWN IN THE PICTURES OF FIVE OF THE SEVEN TEXTBOOKS

Bell, Alexander	Lee, Robert E.
Clark, William	Lewis, Meriwether
Cortez, Francisco	Penn, William
Edison, Thomas A.	Polo, Marco
Henry, Patrick	Smith, John
Joliet, Louis	

Eleven people were shown in the pictures of five of the seven books.

TABLE XV

## PEOPLE SHOWN IN THE PICTURES OF FOUR OF THE SEVEN TEXTBOOKS

Cartier, Jacques	Revere, Paul
Clay, Henry	Roosevelt, F.D.R.
De Soto, Hernando	Stuyvesant, Peter
Jefferson, Thomas	Wright, Orville and Wilbur

Eight people were shown in the pictures of four of the seven textbooks.



TABLE XVI

## PEOPLE SHOWN IN THE PICTURES OF THREE OF THE SEVEN TEXTBOOKS

Anthony, Susan B.	Jackson, Andrew
Cabot, John	Khan
Champlain, Samuel	Morse, Samuel
Grant, Ulysses	Pocahontas
Hooker, Thomas	Wilson, Woodrow

Ten people were shown in the pictures of three of the seven textbooks.

TABLE XVII

## PEOPLE SHOWN IN THE PICTURES OF TWO OF THE SEVEN TEXTBOOKS

Baltimore, Lord	Ogelthorpe, General
Boone, Daniel	O'Hara
Clark, George Rogers	Ponce de Leon
Davis, Jefferson	Reed, Walter
Elizabeth, Queen	Sacajawea
Eisenhower, Dwight	San Martin, Jose
Hamilton, Alexander	Smith, Jedediah
Jackson, Stonewall	Steubon, Baron
Key, Francis Scott	Webster, Daniel
Magellan, Ferdinand	Whitney, Eli
McCormick, Cyrus	Williams, Roger
Montezuma	Winthrop, John



Twenty-four people were shown in the pictures of two of the seven textbooks.

TABLE XVIII

PEOPLE SHOWN IN THE PICTURES OF ONE OF THE SEVEN TEXTBOOKS

Adams, John	Da Gama, Vasco
Addams, Jane	Delaware, Lord
Allen, Ethan	Drake, Col. E. L.
Barton, Clara	Ericcson, Leif
Becknell, William	Ferdinand, King
Berkley, Governor	Ford, Henry
Bolivar, Simon	Fremont, John
Burbank, Luther	Fulton, Robert
Byrd, Richard E.	Gist, Christopher
Cadillac, Antoine	Goodyear, Charles
Calhoun, John	Gorgas, William
Calvert, Leonard	Gray, Robert
Carson, Kit	Hancock, John
Carver, George Washington	Henry, Prince
Charbonneau, Toussaint	Hidalgo, Father
Churchill, Winston	Hoover, Herbert
Clemens, Samuel	Houston, Samuel
Clinton, Governor	Howe, Elias



TABLE XVIII (Continued)

## PEOPLE SHOWN IN THE PICTURES OF ONE OF THE SEVEN TEXTBOOKS

Hutchinson, Ann	Portola, Gaspar De
Hudson, Henry	Powhatan
Isabella, Queen	Raleigh, Sir Walter
Jones, John Paul	Riis, Jacob
Juarez	Rolfe, John
Lucas, Eliza	Roosevelt, Theodore
Lyon, Mary	Santa Anna, General
MacArthur, General	Sholes, Christopher
Madison, James	Squanto
Marconi, Guglielmo	St. Luson, Daumonte de
Marshall, James	Sutter, John
Marshall, John	Thompson, David
Minuit, Peter	Truman, Harry
Montcalm, General	Umeza, General
Oswald, John	Verendrye, Pierre
Pedro I, Prince	Verrazano
Peter The Hermit	Vespucci, Amerigo
Pike, Zebulon	Washington, Booker T.
Pizarro	Wayne, Anthony
Pontiac	White, John
	Wolfe, James



Seventy-seven people were shown in the pictures of one of the seven books.

TABLE XIX

PEOPLE RECOMMENDED FOR MIDDLE GRADE STUDY IN WESLEY<sup>1/</sup> REPORT, TEXTBOOKS WHICH INCLUDE THESE PEOPLE IN THEIR PICTURES, AND THE NUMBER OF TIMES IN WHICH THESE PEOPLE APPEAR IN THE SEVEN AMERICAN HISTORY TEXTBOOKS

People mentioned in report	A	B	C	D	E	F	G	Total books	Total times shown
Boone, Daniel									
Bradford, Governor									
Champlain, Samuel			1	2	1			3	4
Clark, William			1	1	1	1	1	5	5
Columbus, Christopher	4	4	1	2	7	3	5	7	26
Coronado, Francisco	1	1		2	1	1	1	6	7
Cortez, Hernando			1	1	1	1	1	5	5
De Soto, Hernando	1	1	1				1	4	4
Drake, Francis	1	1	1	1	1	1	1	7	7
Franklin, Benjamin	2	1		3	3	1	3	6	13
Houston, Samuel							1	1	1
Jefferson, Thomas	1	1			1	2		4	5
LaSalle, Robert	1		1	1	1	1	1	6	6

<sup>1/</sup>Committee on American History in Schools and Colleges. American History in Schools and Colleges. New York, Macmillan Co., 1944. p. 78.

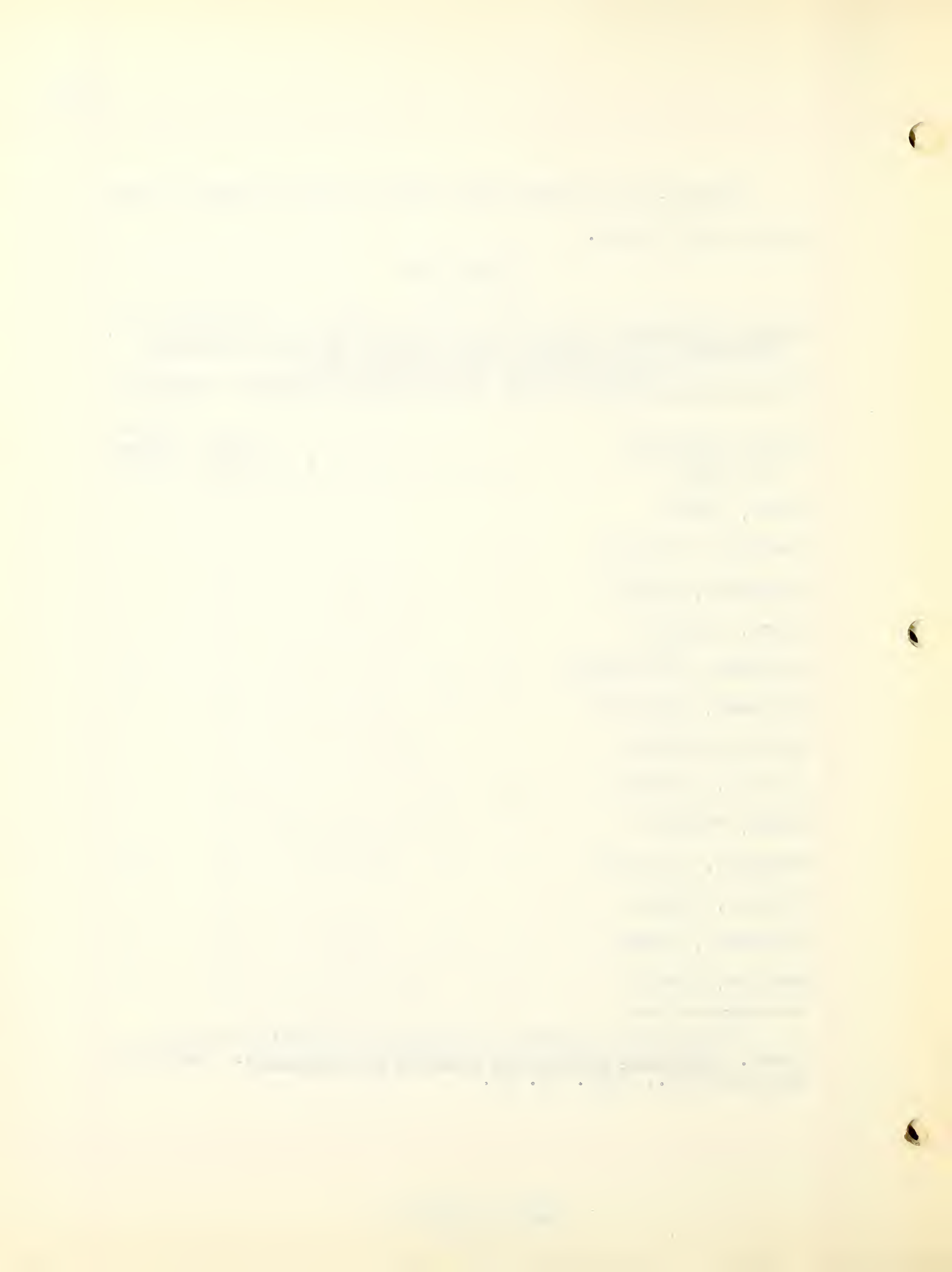


TABLE XIX (Continued)

PEOPLE RECOMMENDED FOR MIDDLE GRADE STUDY IN WESLEY REPORT,  
TEXTBOOKS WHICH INCLUDE THESE PEOPLE IN THEIR PICTURES,  
AND THE NUMBER OF TIMES IN WHICH  
THESE PEOPLE APPEAR IN THE SEVEN AMERICAN HISTORY TEXTBOOKS

People mentioned in report	A	B	C	D	E	F	G	Total books	Total times shown		
Lewis, Meriwether	1			2	2	1	1	5	7		
Magellan, Ferdinand	1			1				2	2		
Marquette, Father	1	1	1	1		1	1	6	6		
Penn, William		2	2		1	1	1	5	7		
Smith, John	1	1			2	1	1	5	6		
Washington, George	6	4		6	4	8	1	6	29		
Williams, Roger					1		1	2	2		
Young, Brigham											
Totals	21			21	17	10	23	27	23	21	142

Twenty-one people were mentioned in the Wesley Report as being representative of the people included in fifth grade American history textbooks.

Of these twenty-one people mentioned, eighteen were found in the pictures of the seven fifth grade American history textbooks analyzed. The three who were not included in any pictures in any of the textbooks were Daniel Boone, Governor Bradford, and Brigham Young.



Twelve of the people mentioned in the Wesley Report appeared twenty-one times in Book A.

Ten of the people mentioned in the report appeared a total of seventeen times in Book B.

Nine of the people in the report appeared in ten pictures in Book C.

Twelve of the people in the report appeared in twenty-three pictures in Book D.

Fourteen of the people in the report appeared in twenty-seven pictures in Book E.

Thirteen of the people in the report appeared in twenty-three pictures in Book F.

Fifteen of the people in the report appeared in twenty-one pictures in Book G.

The greatest number of people mentioned in the report were found in Book G. Fifteen of the twenty-one people were found in the pictures of this book.

Book C had the smallest number including these people - nine.

Of the eighteen people included in the pictures of the seven textbooks, two appeared in seven textbooks, five appeared in six textbooks, five appeared in five textbooks, four appeared in four textbooks, one appeared in three textbooks, and one appeared in one textbook.



TABLE XX

NUMERICAL DISTRIBUTION OF THE PORTRAITS INCLUDED  
IN SEVEN FIFTH GRADE AMERICAN HISTORY TEXTBOOKS

Book A	-	0
B	-	3
C	-	0
D	-	4
E	-	3
F	-	7
G	-	0
Total	-	17

In the textbooks A, B, C, D, E, F, and G there was a total of seventeen portraits. Three textbooks had no portraits. Two textbooks had three portraits each. One textbook had four portraits. One book had seven portraits.

Book F had the greatest number of portraits - seven. Book D had the second greatest number - four, and Books B and E had three each.

1900

# MEMORANDUM

TO THE PRESIDENT

FROM THE SECRETARY

DATE

SUBJECT

The following information was received from the Bureau of the Census on the 15th day of the month of January, 1900, and is being furnished to you for your information and guidance.

The Bureau of the Census has been instructed to prepare a report on the subject of the "Condition of the Country in 1900" and to submit the same to the President of the United States.

The report will be prepared in the form of a series of articles, each dealing with one of the principal branches of the country's industry and commerce.

The first article will deal with the "Condition of the Country in 1900" and will be published in the first issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The second article will deal with the "Condition of the Country in 1900" and will be published in the second issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The third article will deal with the "Condition of the Country in 1900" and will be published in the third issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The fourth article will deal with the "Condition of the Country in 1900" and will be published in the fourth issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The fifth article will deal with the "Condition of the Country in 1900" and will be published in the fifth issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The sixth article will deal with the "Condition of the Country in 1900" and will be published in the sixth issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The seventh article will deal with the "Condition of the Country in 1900" and will be published in the seventh issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The eighth article will deal with the "Condition of the Country in 1900" and will be published in the eighth issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The ninth article will deal with the "Condition of the Country in 1900" and will be published in the ninth issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

The tenth article will deal with the "Condition of the Country in 1900" and will be published in the tenth issue of the "Monthly Bulletin of Statistics" for the month of February, 1900.

TABLE XXI

NUMBER OF PAGES OF TEXT, NUMBER OF PICTURES, NUMBER OF COLORED PICTURES, NUMBER OF BLACK AND WHITE PICTURES, NUMBER OF PEOPLE INCLUDED IN PICTURES, NUMBER OF PORTRAITS, AND NUMBER OF PEOPLE IN PICTURES WHO APPEARED IN THE WESLEY REPORT

Book	No. of pages of text	No. of pictures	No. of colored pictures	No. of black & white pictures	No. of people included in pictures	No. of portraits	No. of people in pictures who appeared in Wesley Report
A	457	218	150	68	47	0	12
B	365	74	74	0	32	3	10
C	234	164	5	159	25	0	9
D	580	254	7	247	34	4	12
E	442	207	102	105	65	3	14
F	430	287	0	287	46	7	13
G	451	188	16	172	56	0	15
Totals	2959	1392	354	1038	4357	17	12.14 Aver.
					Aver.		

The total number of pages of text found in the seven American history textbooks was 2959. The pages of text varied from 234 in Book C to 580 in Book D.

The total number of pictures was 1392. The number of

# THE HISTORY OF THE CITY OF BOSTON

FROM THE FIRST SETTLEMENT  
TO THE PRESENT TIME

BY  
NATHANIEL BENTLEY

IN TWO VOLUMES.  
VOL. I.

pictures ranged from seventy-four in Book B to 287 in Book F.

The total number of colored pictures was 354. The number of colored pictures ranged from none in Book F to 150 in Book A. Six out of the seven textbooks included colored pictures.

The total number of black and white pictures was 1038. The number of black and white pictures ranged from none in Book B to 287 in Book F. Six out of the seven textbooks had black and white pictures.

The average number of people included in the pictures of the seven textbooks was 43.57 to each textbook. Book E had the greatest number of people, sixty-five, out of a total of 139 found in all of the seven textbooks. Book C had the smallest number, twenty-five, out of a combined total of 139.

The total number of pictures, classified as portraits, was small - seventeen out of a total of 1392 pictures were classified as portraits. Three out of the seven books had no portraits.

The average number of people who appeared in the Wesley Report and in pictures in each individual text was 12.14 (See Table XIX). Book G had the greatest number in any one text. Out of a total of twenty-one people recommended

[The text on this page is extremely faint and illegible. It appears to be a standard page of typed or printed text, possibly containing a list or a series of paragraphs. The content is not discernible.]

as representative people for middle grade study, Book G had fifteen included in its pictures.



## CHAPTER V

### SUMMARY AND CONCLUSIONS

The purpose of this study was to analyze the pictures found in seven fifth grade American history textbooks.

To carry out this study, the pictures were analyzed according to number, size, coloring, number and form of captions, types, number of pictures to each page in each textbook, location on each page, location in relation to accompanying textual matter, the number of pictures that included people and the number that did not include people.

A listing was made of the people who appeared in the pictures of the seven textbooks, and a tabulation was made of the textbooks in whose pictures these people appeared.

A frequency rating was made of these same people showing how many pictures that they appeared in in each textbook, and how many people appeared in pictures as people representative of persons included in fifth grade textbooks.

A final tabulation was made of major findings in previous tables.

Number of pages, pictures and pages of copy. In this study, 1392 pictures were analyzed from a total of 2959 pages of text in seven textbooks.

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

The number of pages of text ranged from 580 pages in Book D to 234 pages in Book C. Book A had the second largest number of pages of text with a total of 451 pages.

The number of pictures in each book varied from 287 in Book F to seventy-four in Book B.

Book D had the second largest number of pictures - 254, while Book E had the third largest number - 207.

The number of pages of text per picture varied from 1.4, in Text C, to 4.9 in Text B. Text G had the second greatest number of pages of text per picture - 2.4. Text D had the third largest number of pages of text per picture with an average of 2.3 pages per picture.

The average number of pages of text per picture for the entire seven American history textbooks was 2.39.

Book F had the greatest number of pictures in relation to the number of pages of text. It had 287 pictures to 430 pages of text.

Book B had the smallest number of pictures in relation to the number of pages of text. It had seventy-four pictures to 365 pages of text.

Various sizes of pictures. The majority of pictures fell in the quarter to one half page category for size. There were 902 pictures of this size in the seven textbooks. The



more than half to full size picture ranked next in total number of pictures -208. There were 162 less than quarter size pictures, 103 full page pictures, and there were seventeen double page pictures, the least in number according to size.

Five books out of the seven had no double page pictures.

Full page pictures were found in all of the seven textbooks. Book D had the greatest number of this size picture - forty-one while Book B had the smallest number - six.

More than half to full page pictures were found in all seven books.

Less than quarter size pictures were also found in all seven textbooks.

Coloring of pictures. The majority of pictures were black and white. From a total of 1392 pictures, 1038 pictures were black and white. Three books out of seven had four color pictures. Three out of the seven textbooks had two color pictures. One book, Book F had all black and white pictures. Six books had a combination of black and white and colored. A combination of black and white and colored illustrations would then seem to be the type most common

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

for fifth grade American history textbooks.

Captions. Six books out of seven had captions. Six books had a combination of captions and no captions. The majority of captions were in statement form. Out of a total of 721 pictures with captions, 429 were in statement form. Captions in phrase form ranked second with a total of 190, and captions with a combination of questions and statements ranked third in number with a total of 102.

Types of pictures. The majority of pictures were drawings. Out of a total of 1392 pictures, 1132 pictures were rated as drawings. Photographs were second in number with a total of 143 out of 1392 pictures, and paintings rated third in number with a total of 117.

Four books out of seven contained only that type of picture designated as a drawing. Three books out of seven contained pictures designated as paintings, and four books contained no paintings.

Number of pictures to each page. Out of a total of 2959 pages of text, the majority of pages with pictures on them had only one picture to a page. There were 1184 pages with one picture on them. There were 123 pages with two pictures on them, and three with three or more pictures on

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

them.

Location on a page. The majority of pictures were located on the upper half of a page. The next largest number were found in the lower half of a page, and the minority of pictures appeared in the middle of a page. Out of 1392 pictures, 772 were located on the upper half of a page, 423 on the lower half of a page, seventy-one in the middle of a page, and 125 covered the entire page.

Location in relation to accompanying textual matter. The majority of pictures had their accompanying textual matter on the same page. Out of a total of 1392 pictures, 990 had their textual matter on the same page. The next greatest number of pictures had their textual matter preceding or following but on other pages. There was a total of 149 of this type of picture. Pictures that were on a following page with textual matter facing them ranked next in number with a total of 111.

Pictures that listed colored pictures in tables of contents, pictures in their indices, and mentioned pictures of text in their activities. One book mentioned its pictures in its activities.

One book out of seven listed its colored illustrations.

Faint, illegible text at the top of the page, possibly a header or introductory paragraph.

Second block of faint, illegible text, appearing to be the main body of the document.

Third block of faint, illegible text, possibly a concluding paragraph or a signature area.

Faint text at the bottom of the page, likely a footer or page number.

Four books mentioned the pages on which pictures might be found in their indices. This would indicate that the latter method of mentioning pictures was most prevalent in current fifth grade history textbooks.

Pictures that include people, had no people. The majority of pictures in the seven textbooks included people, either real or models. Only 281, or 20.19 per cent did not include people.

Number of times people were shown in the pictures of seven textbooks. The majority of the people included in the pictures of the seven textbooks appeared in only one textbook. This would seem to indicate that there is a great variety in the choice of people used in the pictures of present-day middle grade history textbooks.

One hundred and thirty-nine people appeared a total of 383 times in the seven textbooks. Of the one hundred and thirty-nine people, only two, Columbus and Drake, appeared in all seven textbooks. Seven people appeared in the pictures of six of the seven textbooks. Eleven people were shown in the pictures of five of the seven books. Eight people were shown in the pictures of four of the seven books. Ten people appeared in the pictures of three of the seven textbooks. Twenty-four people were shown in the

[The text on this page is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

pictures of two of the seven textbooks. Seventy-seven people appeared in the pictures of only one textbook.

People Recommended in Wesley Report's appearance in seven textbooks. There were twenty-one people mentioned as representative of people found in middle grade studies. Eighteen of these people were found in the pictures of the seven fifth grade American history textbooks analyzed. The three people who were not included in any pictures were Daniel Boone, Governor Bradford, and Brigham Young.

Number of portraits. There were very few portraits in the seven books analyzed. From a total of 1392 pictures, only seventeen were classified as portraits.

Limitations of this study. There are certain limitations that are evident in this study. Not all of the textbooks on a fifth grade level were analyzed. No attempt was made to classify the content of the pictures that did not contain people. No classification was made of the types of people included in the pictures.

Suggestions for further study. Throughout this study the following topics came to the writer's attention as possibilities for further research.

[The text in this block is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The content is not discernible.]

1. The same type of analysis could be carried out with one series of textbooks comparing the pictures on different grade levels.

2. The same type of analysis could be made with a larger number of history textbooks.

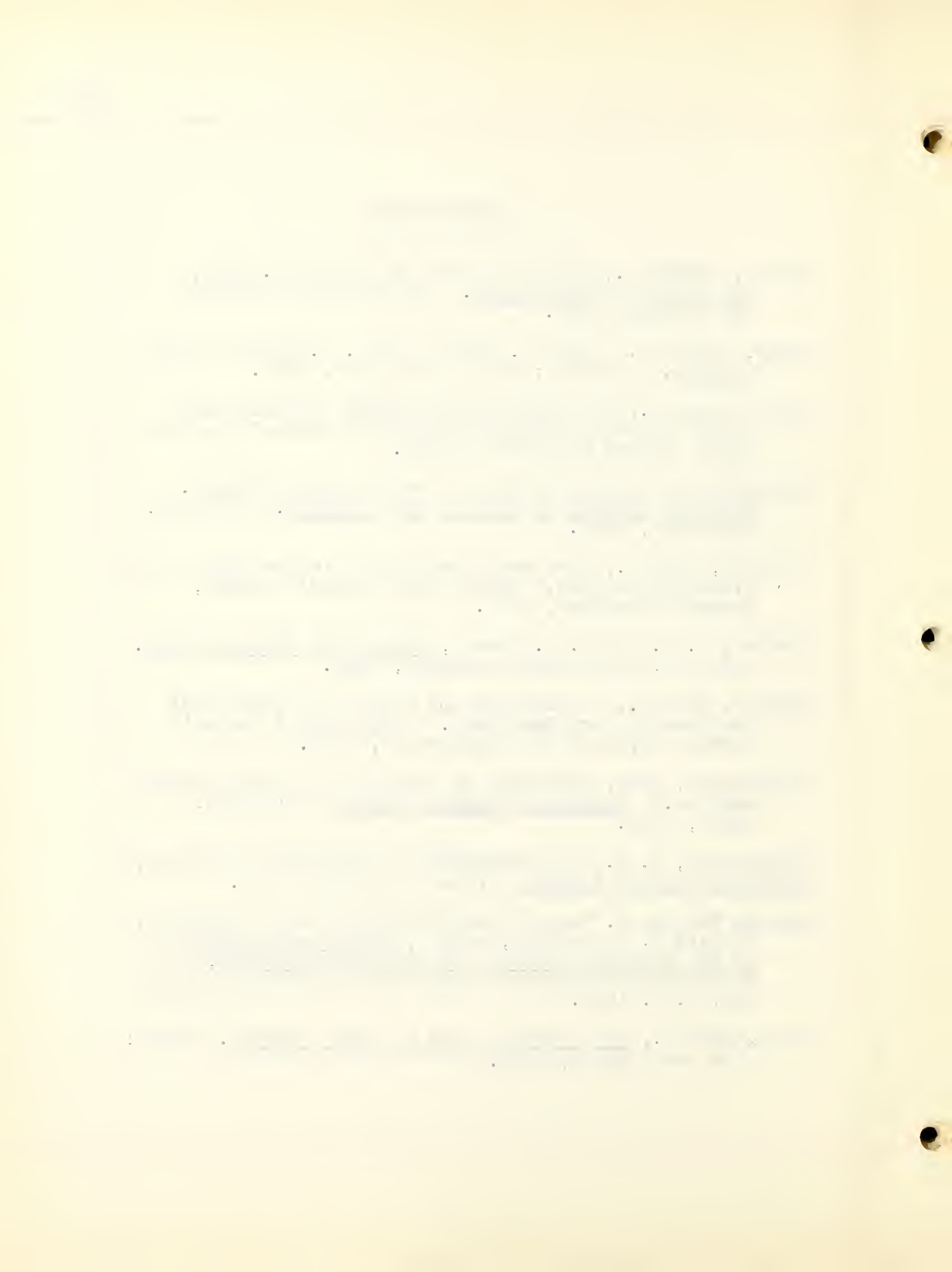
3. The same type of analysis could be made with geography textbooks.

4. An analysis could be made of the pictures that did not include people.



## BIBLIOGRAPHY

- Barker, Eugene C., Marie Alsager, and Walter P. Webb, The Story of Our Country. New York: Row Peterson and Company, 1943.
- Beeby, Daniel J., Joyce L. Hanna, and C. H. McClure, Our Country. New York: Laidlaw Brothers, 1942.
- Bixby, Edith P., "The Treatment of Africa in Eight Sixth Grade Geography Books," Unpublished Master's Service Paper, Boston University, 1946.
- Committee on American History in Schools and Colleges. American History in Schools and Colleges. New York; Macmillan, 1944.
- Conforth, Mary C., "The World War In Ten Junior High School History Textbooks," Unpublished Master's thesis, Boston University, 1932.
- Cordier, R. W. and E. B. Robert, History of Young America. New York: Rand McNally Company, 1948.
- Edwards, Mary M., "An Analysis of People in Fifth Grade American History Textbooks." Unpublished Master's Service Paper, Boston University, 1947.
- Goodykoontz, Bess, "Relation of Pictures to Reading Comprehension." Elementary English Review, 13:125-30, April, 1936.
- Grossnickle, F. E., "Illustrations in Arithmetic Textbooks," Elementary School Journal, 2:84-92, October, 1946.
- Hartley, William H. "Audio-Visual Materials and Techniques." Richard E. Thursfield, editor, Seventeenth Yearbook of the National Council for the Social Studies, The National Council for the Social Studies, Washington, D. C. 1946.
- Kelty, Mary G., The Story of Life In Early America. Boston: Ginn and Company, 1947.



- Lansing, Marion, W. Linwood Chase, and Allan Nevins, Makers of the Americas. Boston: D. C. Heath and Company, 1947.
- Maguire, Edna, America Then And Now. New York: Macmillan Company, 1948.
- Melbo, Irving R., and Waterman, Ivan R., "Pictures in Geography Textbooks," Elementary School Journal, 36: 362-76, January, 1936.
- Mellinger, Bonnie E., "Children's Interests in Pictures." Contributions to Education, No. 516. Teachers College, Columbia University, 1932.
- Moore, Clyde B., Fred B. Painter, Helen M. Carpenter, and Gertrude M. Lewis, Building Our America. New York: Charles Scribner's and Sons, 1948.
- Miller, William A., "The Picture Choice of Primary Grade Children" Elementary School Journal, 37: 275-82, December, 1936.
- Walsh, Emily L., "An Analysis of the Treatment of the World War in Ten Junior High School History Textbooks," Unpublished Master's Thesis, Boston University, 1946.
- Wesley, Edgar B., Teaching The Social Studies, Boston: D. C. Heath and Company, 1942. pp. 341-342.
- Worters, Norma L., "An Analysis of Fifth Grade Textbooks To Compare The Purely Verbal With the Other Activities," Unpublished Master's Thesis, Boston University, 1943.

[The text on this page is extremely faint and illegible. It appears to be a list or a series of entries, possibly containing names and dates, but the specific details cannot be discerned.]

Fleming, M.F.

An analysis of the pictures found in seven fifth  
grade American history textbooks.

BOSTON UNIVERSITY



1 1719 02562 6450

**REDI COVER**

USE "WJ" FASTENERS  
FOR BINDING SHEETS

TO DUPLICATE REFER TO NUMBER

**447-13**

A Product of Wilson Jones Co., U. S. A.

