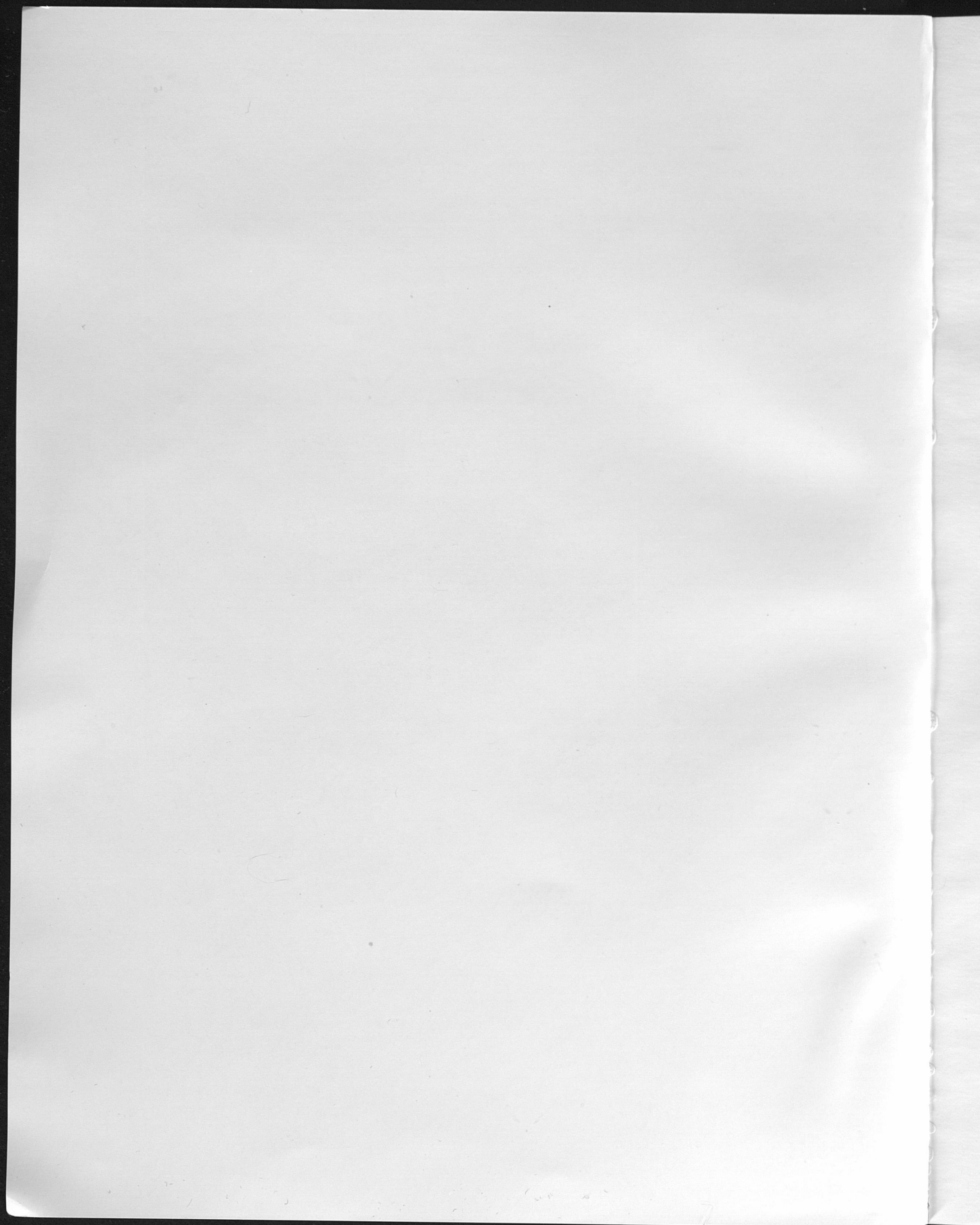


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Literature from the Kentucky Agricultural Experiment Station 1885-1985

University of Kentucky
College of Agriculture
Agricultural Experiment Station
Lexington, Kentucky 40546-0091



**Bibliography of the
Literature from the
Kentucky Agricultural Experiment Station
1885-1985**

By *Agnes S. McDowell*
and
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With the assistance of
Lillian R. Mesner
Amélie E.M. Charron
Antoinette Paris Powell

Bibliography of the
Literature from the
Kentucky Agricultural Experiment Station
1885-1985

By James S. McDowell

and

Grace Hale

This bibliography is a compilation of the literature published by the Kentucky Agricultural Experiment Station from 1885 to 1985. It includes a list of authors, titles, and years of publication. The literature is arranged alphabetically by author. The bibliography is a valuable resource for researchers and students interested in the history of agriculture in Kentucky.

Dedication



*Dr. Charles E. Barnhart
Dean, College of Agriculture
1969-1988*

This project would not have happened without the vision of one man, Dr. Charles E. Barnhart, Dean of the University of Kentucky College of Agriculture and Director of the Kentucky Agricultural Experiment Station and Cooperative Extension Service from 1969 through 1988.

Dr. Barnhart believed in the project from its inception, and believed in our ability to complete it. He faithfully funded it when no results were evident. He bought equipment, funded additional help, and never gave us a deadline.

He did this because he had a keen interest in past research and felt that we needed to link the past and present together. He was proud of the accomplishments of the researchers in the College and when asked on his retirement what he felt was his greatest accomplishment, he said the quality of the faculty.

More than one third of the entries in the bibliography were written during Dr. Barnhart's tenure as Dean of the College of Agriculture and Director of the Kentucky Agricultural Experiment Station. This volume is not only a tribute to the researchers who did the work, it is a testament to the man who guided them through so many years of research.

Dedication

THE UNIVERSITY OF CHICAGO
LIBRARY

The University of Chicago Library is pleased to announce the acquisition of the complete set of the University of Chicago Press's *Journal of American Studies* and *Journal of the History of Ideas*. These two journals, which have been published since 1936 and 1937 respectively, are among the most important and influential in the field of American studies and the history of ideas. The University of Chicago Library is proud to have acquired these two journals, which will be added to its existing collection of books and periodicals. The University of Chicago Library is a leading research library and is committed to providing the best possible service to its readers. The acquisition of these two journals is a testament to the library's commitment to excellence and its dedication to the advancement of knowledge.

Acknowledgements

A number of people worked on and supported the KAES Indexing Project over the years:

Agnes McDowell began indexing at the beginning and after her retirement continues to index the next phase of this project. Agnes did subject analysis on 90% of the documents and virtually created the subject index. Agnes not only assigned subject descriptors, but also spent a considerable amount of time researching the terminology on the older publications.

Lillian Mesner designed the indexing portion of the project and worked on indexing until her energy had to go into bringing up our online catalog. Lillian set the standards to be used in the project and acted as technical consultant through the entire project.

Amélie Charron was hired as project manager and handled the physical end of the project. She continued to do this after she accepted another position in the Agriculture Library, and still acts as coordinator with the National Agricultural Library in submitting the worksheets.

Gracie Hale organized the electronic end of this project and continues to act as the technical advisor on the production of this printed index as well as the electronic file. Gracie joined the staff of the Agriculture Library in October of 1988 and still devotes part of her time to the KAES Indexing Project.

Graduate Assistants *Lisa Amato*, *Loren Curtis*, and *Lisa Maciejak* worked on some of the indexing as part of their training but took it seriously and followed through on it.

The KAES Index expanded beyond the Agriculture Library walls and various other people aided the effort:

Dr. C.O. Little, Dean of the College of Agriculture and former Associate Dean for Research, supported the project from its inception and provided funding for personnel. Dr. Little funded the indexing activity during the current phase in some tight financial times.

Dr. James Boling, Associate Dean for Research, secured the funding for printing this index in a tight budget year. His enthusiasm for the project when he saw the final product was rewarding to those of us who worked on it.

Mr. Paul Willis, Director of Libraries at the University of Kentucky, provided funding for copying of worksheets, which was a large amount of copying.

Mr. Joseph Howard, Director of the National Agricultural Library, was interested enough to provide some planning and training money to get the project off the ground.

Dr. Robert Fehr, head of the Agricultural Data Center, was interested in the project from the beginning and provided the services of *Jan Hilton*, d-Base programmer, at no cost. Jan wrote a program to do what we needed; this was the key to the success of the indexing.

Dr. Roy Sigafus, then a faculty member in the Agronomy Department, helped in researching old common plant names, a thankless task.

Dr. Deborah B. Witham, editor at the Kentucky Agricultural Experiment Station, has monitored this project from the beginning.

Mr. Jeffrey Hines, graphic designer in Agricultural Communications, is responsible for the fine appearance of this work.

The KAES Index is truly a joint effort of a number of people, and all of these people sustained their interest and labor over a number of years to produce a publication of high quality.

Antoinette Paris Powell
Director, Agricultural Library

Preface

The Kentucky Agricultural Experiment Station (KAES) Index has existed in author, title, and limited subject form since the late 1960s. This index resided as a card file in the University of Kentucky Agriculture Library and was used by library staff to locate major KAES publications. In the late 1970s plans were made to provide detailed electronic access to this material. In March of 1984, when plans were underway to celebrate the centennial of the Kentucky Agricultural Experiment Station, the time seemed right to pursue a more sophisticated access to the publications.

The project was designed to get maximum results from this effort. The National Agricultural Library (NAL) was contacted about the project to see if they wanted to include indexing from the KAES project into the AGRICOLA database. NAL was not only interested, but they agreed to train the indexing supervisor at their expense. A mini proposal for funding was written and the Dean of the College of Agriculture agreed to fund equipment and additional personnel to get the project off the ground.

The project was also designed so it could be easily duplicated by other institutions. d-Base III Plus was chosen as the indexing program, since most libraries had access to it. The services of a d-Base programmer in the Agricultural Data Center were put at our disposal at no cost, and a program was written to provide both the online access and produce the paper copy. Indexing conventions were drawn up and the *CAB Thesaurus* was selected to provide the controlled vocabulary. In early 1985 indexing began in earnest.

As is common with similar projects, the index took longer than anticipated. It was slated for

completion in the Spring of 1985 with copies of the publication to be available in November for the centennial celebration of the Experiment Station. Unfortunately, department needs and unanticipated developments put this project in the background for the last half of 1985 and most of 1986. Work continued, but at a slower pace.

The years passed, but we never lost sight of our goal, and in the spring of 1990 indexing was completed, records were submitted to NAL, and

the electronic file for printing was created. The end result was a bibliography with 2,884 entries, an author index with more than 6,000 entries, and a subject index with more than 12,000 subject access points to the publications.

The publication of this tool was designed to honor our past researchers by providing access to their efforts. This index will not be updated in its printed form, but

indexing will continue to be contributed to the AGRICOLA database.

The final phase of this project will be the addition of full text of descriptions of research projects in the *Kentucky Agricultural Experiment Station Annual Report*. This sub-file will contain thousands of entries and will be available electronically through the University of Kentucky Agriculture Library. As with this project, the final phase of the KAES project has been temporarily put on hold due to budget constraints, but we hope to return to it this year.

Antoinette Paris Powell
Director, Agriculture Library
July 1992



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Instructions for Use

General Notes about the Index

This bibliography and index is comprehensive for the series that are included. Each piece within the series was accounted for and given comprehensive treatment. The only major series not indexed for this publication is the *Kentucky Agricultural Experiment Station Annual Reports*.

The *Annual Reports* are the last phase of the KAES project, a full-text project. Complete indexing is now being done on each entry in the reports, and this will be included in an electronic file with a full text entry of the research report. To date more than 1,000 worksheets have been generated with subject analysis done. Once that is completed there will be a comprehensive record of the research done by the Kentucky Agricultural Experiment Station, and the mechanism will be in place to continue recording the research.

In this bibliography, analytic entries are provided for some of the publications that had multiple articles in one issue. Indexing was done on each element in the number, at times creating more than fifty indexing entries for one number of a publication. The majority of the analytics were done in the *Progress Reports* series, but some analyzing was also necessary for the *Bulletins*.

The authors' names and page numbering were recorded as they were found on the publications. In some instances we knew the author's name was misspelled but did not correct it in the index. Page numbering varied on some of the older *Bulletins* and dual numbering was done in some of the bulletins issued but not all of them. Generally, the *Annual Reports*, the *Bulletins*, and the *Circulars* were bound together in one volume at the end of the year and continuously paged. Individual numbers of the *Bulletins* and *Circulars* were also paged at the time they were published so they could be sent out as single pieces. These went to the general public, and the bound volumes were

exchanged with other institutions. The continuous numbering was preferred for indexing purposes.

This index is organized into four major subdivisions: Bibliography, Author Index, Title Index, and Subject Index.

The Bibliography

The Bibliography is arranged chronologically by series and within the series. The *Bulletin* series appears first as it was the first series to be published by the Kentucky Agricultural Experiment Station. The publications are then listed in the order that they were issued. The entries are numbered consecutively through the entire issue with *Bulletin* no. 1 being entry number 1 and *Special Report* no. 86-2 being entry no. 2884. The index entries refer the user back to the entry number.

The bibliographic entry includes all authors of the publication, the complete title, the series and number it was issued as, the page numbers, and the location call number in the University of Kentucky Agriculture Library. This was added to the paper file for the benefit of the local people using this publication.

The Author Index

The Author Index includes up to 10 authors for each publication, arranged alphabetically by the authors' last names. All authors' names appear as last name, then first name, and middle initial if available. Some authors occasionally varied the form of their names. If the middle initial appeared on one publication and not the other, the author is listed twice, under each variation. The misspellings were also troublesome but were not corrected as that is how they will appear in the national indexing system.

The Title Index

The Title Index alphabetically lists, by the first major term in the title, all titles issued by the

KAES that are indexed in this publication. Initial articles are excluded in the alphabetical sequence of the index but are sorting elements within the title itself.

The Subject Index

The Subject Index is the most comprehensive part of this publication and was the most labor intensive to produce. Some entries received as many as 26 subject headings to adequately describe the content of the document. The Subject Index actually reflects the merging of three fields of the electronic file into one alphabetical listing: the controlled subject headings, the uncontrolled subject headings, and the geographic terms.

The "controlled" subject headings were devised from the *CAB Thesaurus*, the same thesaurus used for indexing in AGRICOLA, the database of the U.S. National Agricultural Library. Every attempt was made to adequately describe the document using those headings, but at times they simply did not reflect the local nature of the subject.

To compensate, we added "uncontrolled" headings, terms that were not in the *CAB Thesau-*

rus but were needed for retrieval of the document. Examples of uncontrolled terms are the regional common names for fruits or vegetables. The scientific name would be in the controlled vocabulary but we felt that the common name should also be included for retrieval purposes.

The "geographic" terms were added for those publications dealing with a specific area in Kentucky, whether it was an Extension area or a particular county. This was done to provide retrieval of publications of local interest.

Because the subject index was devised as a machine file with retrieval to be done using Boolean searching techniques, much cleanup and enrichment had to be done for the paper product. The general terms (such as regulations or variety trials) that added nothing to the index were deleted or moved under the subject they dealt with. Some subdividing was done on the larger subjects to help users narrow their focus. The subject index required the most human intervention on this project and took many hours to clean up and complete.

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The Bulletin series was the first major series produced by the Kentucky Agricultural Experiment Station. The series reported the results of research on a variety of topics and was the primary source of publication of Experiment Station research. Included in the last Bulletin for some years was additional material called Analyses, Mineral Waters, and Meteorological Summaries. Some Bulletins were also called Research Bulletins. The Bulletin series continues today but publication activity is light.

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Kentucky Livestock Field Day 1954-1961

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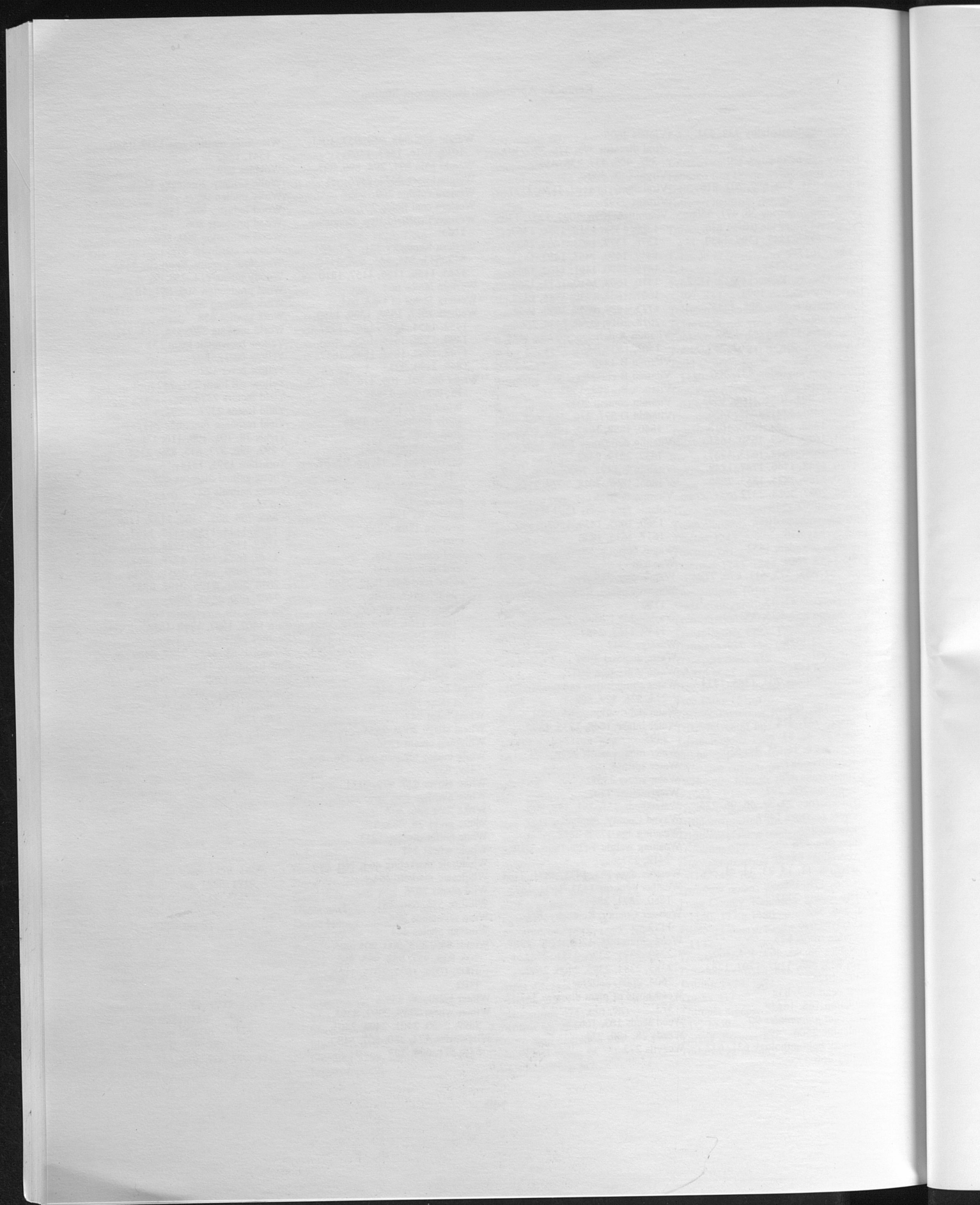
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