

**U.S. DEPARTMENT OF AGRICULTURE.  
OFFICE OF EXPERIMENT STATIONS-  
CIRCULAR NO.62.  
LIST OF ABBREVIATIONS EMPLOYED IN  
EXPERIMENT STATION RECORD FOR  
TITLES OF PERIODICALS**

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**E. W. ALLEN**

**U.S. DEPARTMENT OF AGRICULTURE.  
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U. S. DEPARTMENT OF AGRICULTURE.

OFFICE OF EXPERIMENT STATIONS—CIRCULAR NO. 82.

A. C. TRUE, Director.

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## LIST OF ABBREVIATIONS

EMPLOYED IN

# EXPERIMENT STATION RECORD

FOR

## TITLES OF PERIODICALS.

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PREPARED UNDER THE DIRECTION OF

**E. W. ALLEN, Ph. D.,**

*Editor of Experiment Station Record.*



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## LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF EXPERIMENT STATIONS,  
*Washington, D. C., April 19, 1905.*

SIR: I have the honor to transmit herewith, for publication as a circular of this Office, a List of Abbreviations employed in Experiment Station Record for Titles of Periodicals, which has been prepared under the direction of Dr. E. W. Allen, the editor of the Record, by Mrs. D. K. Murphy, of this Office.

Respectfully,

A. C. TRUE,  
*Director.*

HON. JAMES WILSON,  
*Secretary of Agriculture.*

## LIST OF ABBREVIATIONS.

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### INTRODUCTORY NOTE.

This list of abbreviations used in Experiment Station Record has been prepared in response to repeated requests, and has become necessary with the increased field covered by the Record. The number of periodicals from which abstracts are now made, some of them quite regularly and others only occasionally, includes some 1,600. These come from many countries and represent at least ten different languages. Some of them are journals issued at regular intervals, others are annuals, proceedings and transactions of societies and other organizations, reports of standing committees, State and municipal officers and institutions, while still others are public documents issued occasionally.

In general, the abbreviations used are those which have been quite commonly employed by others, although there are some departures. A simple form of abbreviation has been adopted, sufficiently full to suggest the title of the publication to one familiar with the literature. The aim has been to make the reader in a measure independent of any key, so far as the more common periodicals are concerned. There are many publications, however, which are less familiar to most readers, and hence a list giving the full title will be helpful in looking up articles in the original. The plan has been to follow the order of words as they appear in the full title, omitting unnecessary words. Brevity has been sought, but not to the extent of sacrificing clearness.

The orthographical usages of the various languages have not been followed strictly. In some cases long, composite words have been split up in making the abbreviations, for the sake of brevity and clearness. So much variation exists in the capitalization of important words in the title, even among journals in the same language, that it has been thought best to adopt the plan of capitalizing the principal words in all cases, regardless of the usages of the individual journals or the countries from which they are issued. This simplifies the abbreviations, at the same time giving rather more prominence to the words, and it removes a constant source of error in proof reading. The same rule has been followed in the full title, the principal words being capitalized, as is customary with publications issued in English.

In connection with the full title, the place of publication has been given where this could be ascertained or was found to be regular. Where there are two or more publications with similar titles, the place of publication of each is indicated in brackets as a part of the abbreviation, and this is also done in some other cases to better identify the periodical.

There is considerable confusion in the serial publications of some institutions, successive numbers appearing under slightly changed titles, or possibly as a new series. The occasional reports, bulletins, and leaflets of foreign institutions give, perhaps, the most trouble, owing to lack of consistency in the title. For example, a line of work will be reported one year from an agricultural college by a county council, apparently as one of the latter's publications, and the next year from the agricultural department of the university with which the college is affiliated; or a series of botanical investigations will be issued for a time by the botanical department of an experiment station, and then suddenly change to the botanical department of the technical museum in the same town, making it uncertain whether both series of publications should be retained on the list or one substituted for the other. There are certain anomalies, moreover, such as the issuing of a bulletin in the island of Jersey with a French title but the contents uniformly in English. Established journals change their names, or the spelling of important words, as in the German, and new periodicals are being added constantly. These things add to the difficulties of preparing a list for publication.

It is recognized that a set of abbreviations could hardly be made which would meet with universal approval or not be open to just criticism. The chief claim which can be made for this list is that the abbreviations are consistent in the main, as applied to different periodicals, and are used consistently in the Record. The list in its present form represents to some extent a revision of the abbreviations which have been in use in the past, some changes having been made now which in the absence of any published key did not seem wise heretofore.

To aid in making up abbreviations for new periodicals and to preserve consistency, a list of the abbreviations used for the principal words which occur commonly throughout the list has been added.



## ABBREVIATIONS FOR TITLES.

<b>Aarsber. Dansk Frökontrol.</b>	Aarsberetning fra Dansk Frökontrol. Copenhagen, Denmark.
<b>Aarsber. Offentl. Foranst. Landbr. Fremme.</b>	Aarsberetning Angaaende de Offentlige Foranstaltninger til Landbrugets Fremme. Christiania, Norway.
<b>Aberdeen and No. Scot. Col. Agr. Bul.</b>	Aberdeen and North of Scotland College of Agriculture. Bulletin. Aberdeen.
<b>Abhandl. K. Leopold. Carolin. Deut. Akad. Naturf.</b>	Abhandlungen der Kaiserlichen Leopoldinisch-Carolinischen Deutschen Akademie der Naturforscher. (Nova Acta Academiae Caesareae Leopoldino-Carolinae Germanicae Naturae Curiosorum.) Halle, Germany.
<b>Abhandl. Math. Phys. Cl. K. Sächs. Gesell. Wiss.</b>	Abhandlungen der Mathematisch-Physischen Classe der Königl. Sächsischen Gesellschaft der Wissenschaften. Leipsic.
<b>Abhandl. Naturf. Gesell. Halle.</b>	Abhandlungen der Naturforschenden Gesellschaft zu Halle. Halle, Germany.
<b>Abhandl. Naturhist. Gesell. Nürnberg.</b>	Abhandlungen der Naturhistorischen Gesellschaft zu Nürnberg. Nuremberg, Germany.
<b>Abhandl. Naturw. Ver. Hamburg.</b>	Abhandlungen aus dem Gebiete der Naturwissenschaften, herausgegeben vom Naturwissenschaftlichen Verein in Hamburg. Hamburg, Germany.
<b>Abhandl. u. Ber. Ver. Naturk. Kassel.</b>	Abhandlungen und Bericht des Vereins für Naturkunde zu Kassel. Cassel, Germany.
<b>Abonos Químicos.</b>	Los Abonos Químicos. Revista Mensual de Agricultura. Madrid, Spain.
<b>Acad. Roy. Belg., Bul. Cl. Sci.</b>	Académie Royale de Belgique. Bulletin de la Classe des Sciences. Brussels.
<b>Acta Horti Bergiani.</b>	Acta Horti Bergiani. Stockholm.
<b>Acta Horti Petropolitani.</b>	Acta Horti Petropolitani. St. Petersburg.
<b>Actes Soc. Sci. Chili.</b>	Actes de la Société Scientifique du Chili. Santiago de Chile.
<b>Admin. Rpt. Forest Dept. Bombay.</b>	Administration Report of the Forest Department in the Bombay Presidency, including Sind. Bombay, India.
<b>Admin. Rpts., Roy. Bot. Gard. Ceylon.</b>	Ceylon. Administration Reports. Royal Botanic Gardens.
<b>Aerztl. Sachverständ. Ztg.</b>	Aerztliche Sachverständigen-Zeitung. Berlin.
<b>Agricultor [Bogota].</b>	El Agricultor. Bogota, Colombia.
<b>Agricultura [Buenos Ayres].</b>	La Agricultura. Buenos Ayres, Argentine Republic.
<b>Agriculture [Nebraska].</b>	Agriculture. Lincoln, Nebr.

- Agronome.** L'Agronome. Namur, Belgium.
- Agr. Bul. Straits and Fed. Malay States.** Agricultural Bulletin of the Straits and Federated Malay States. Singapore, Straits Settlements.
- Agr. Calabro Siculo.** L'Agricoltore Calabro Siculo. Girgenti, Sicily.
- Agr. Dept. Durham Col. Sci. Ann. Rpt.** County Councils of Cumberland, Durham, and Northumberland. Agricultural Department of the Durham College of Science, Newcastle-upon-Tyne. Annual Report on Field and Other Experiments. London and Newcastle-upon-Tyne, England.
- Agr. Dept. Univ. Col. Nottingham [and] Midland Dairy Inst. Rpt.** Agricultural Department, University College, Nottingham, [and] The Midland Dairy Institute, Kingeton. Report. Nottingham, England.
- Agr. Economist.** Agricultural Economist. London.
- Agr. Education.** Agricultural Education. West Raleigh, N. C.
- Agr. Epitomist.** Agricultural Epitomist. Indianapolis.
- Agr. Expts.** Agricultural Experiments. Minneapolis.
- Agr. Gaz. [London].** Agricultural Gazette. London.
- Agr. Gaz. N. S. Wales.** Agricultural Gazette of New South Wales. Sydney.
- Agr. Jour. Cape Good Hope.** The Agricultural Journal of the Cape of Good Hope. Cape Town, South Africa.
- Agr. Jour. Leeward Isl.** Agricultural Journal of the Leeward Islands. St. Johns, Antigua.
- Agr. Ledger.** The Agricultural Ledger. Calcutta, India.
- Agr. Mexicano.** El Agricultor Mexicano. Mexico.
- Agr. News [Barbados].** Agricultural News. Barbados, British West Indies.
- Agr. of Mass.** Agriculture of Massachusetts. (Report of the Massachusetts State Board of Agriculture.) Boston.
- Agr. Prat. Pays Chauds.** L'Agriculture Pratique des Pays Chauds. Paris.
- Agr. Research Assoc. [Scot.] Rpt.** Agricultural Research Association Report. Glasterberry, Milltimber, Aberdeen, Scotland.
- Agr. Student.** The Agricultural Student. Columbus, Ohio.
- Agr. Students' Gaz.** Agricultural Students' Gazette. Cirencester, England.
- Alexandria Hort. Soc.** The Alexandria Horticultural Society. Alexandria, Egypt.
- Algérie Agr.** L'Algérie Agricole. Algiers, North Africa.
- Alkohol.** Alkohol. Berlin.
- Allg. Brau. u. Hopfen Ztg.** Allgemeine Brauer- und Hopfen-Zeitung.
- Allg. Forst u. Jagd Ztg.** Allgemeine Forst- und Jagd-Zeitung. Frankfurt-on-the-Main, Germany.
- Allg. Molck. Ztg.** Allgemeine Molkerei-Zeitung. Stuttgart, Germany.
- Allg. Wein Ztg.** Allgemeine Wein-Zeitung. Vienna.
- Allg. Ztschr. Bierbrau. u. Malzfabrik.** Allgemeinen Zeitschrift für Bierbrauerei und Malzfabrikation. Vienna.

- Allg. Ztschr. Ent.** Allgemeine Zeitschrift für Entomologie. Neudamm, Prussia.
- Amer. Agr.** American Agriculturist. New York.
- Amer. Bee Jour.** American Bee Journal. Washington and New York.
- Amer. Brewers' Rev.** American Brewers' Review. New York and Chicago.
- Amer. Cheesemaker.** The American Cheesemaker. Grand Rapids, Mich.
- Amer. Chem. Jour.** American Chemical Journal. Baltimore.
- Amer. Cult.** The American Cultivator. Boston.
- Amer. Farmer Mag.** American Farmer Magazine. Chicago.
- Amer. Fert.** American Fertilizer. Philadelphia.
- Amer. Florist.** American Florist. Chicago.
- Amer. Gard.** American Gardening. New York.
- Amer. Geol.** The American Geologist. Minneapolis.
- Amer. Inventor.** The American Inventor. Washington.
- Amer. Jour. Pharm.** The American Journal of Pharmacy. Philadelphia.
- Amer. Jour. Physiol.** The American Journal of Physiology. Boston.
- Amer. Jour. Sci.** The American Journal of Science. New Haven, Conn.
- Amer. Med.** American Medicine. Philadelphia.
- Amer. Mo. Micros. Jour.** The American Monthly Microscopical Journal. Washington.
- Amer. Mo. Rev. of Reviews.** The American Monthly Review of Reviews. New York.
- Amer. Mus. Jour.** The American Museum Journal. New York.
- Amer. Mus. Jour., Guide Leaflet.** American Museum of Natural History. Supplement to American Museum Journal. Guide Leaflet. New York.
- Amer. Nat.** The American Naturalist. Boston.
- Amer. Thresherman.** The American Thresherman. Madison, Wis.
- Amer. Vet. Rev.** The American Veterinary Review. New York.
- An. Acad. Cien. Habana.** Anales de la Academia de Ciencias, Médicas, Físicas y Naturales de la Habana. Havana, Cuba.
- An. Asoc. Alumnos Inst. Agr. Chile.** Anuario de la Asociación de Antiguos Alumnos del Instituto Agrícola de Chile. Santiago de Chile.
- An. Estad. Costa Rica.** Anuario Estadístico de la Republica de Costa Rica. San José, Costa Rica, Central America.
- An. Min. Agr. Argentina.** Anales del Ministerio de Agricultura de la Republica Argentina. Buenos Ayres.
- An. Min. Agr. Argentina, Secc. Agr. (Agron.).** Republica Argentina. Anales del Ministerio de Agricultura. Sección de Agricultura—Botánica y Agronomía. Agronomía. Buenos Ayres.
- An. Min. Agr. Argentina, Secc. Zotec., Bact., Vet. y Zool.** Republica Argentina. Anales del Ministerio de Agricultura. Sección de Zootecnia, Bacteriología, Veterinaria y Zoología. Buenos Ayres.