**GUIDELINES ON THESIS PREPARATION AND SUBMISSION**

**(THSBIO3)**

The thesis should be characterized by first-class workmanship. Copies should be accurate and clear and must be on 8 ½" x 11" white bond paper. Ruled paper with "De La Salle University" heading should ONLY be used on the title page, with the rest of the pages on plain white, substance 20 bond paper.

**PRINT SIZE**

The print size must be 12 using TIMES NEW ROMAN font. Headings, major and minor, should also be in this font size.

**MARGINS**

A margin of 1 ½ inches MUST be left at the top and left side of each page and 1 inch on the right and bottom. All thesis print must be inside these margins, with all lines being justified.

**SPACING**

Three spaces must be allowed between the main heading and the major subsection and two spaces between the major and minor subsections. Paragraphs must be indented five spaces and typed double spaced.

**TITLE PAGE**

Title should have an inverted pyramid format,. all characters in upper case, typed 1.5 spaced, all entries must be centered and justly distributed within the ruled area (see sample title page).

**PRELIMINARY PAGES**

For preliminary pages, use small Roman numerals (ii, iii, iv, etc.). Place the Roman numerals at the bottom center of the page. The title page bears no number but is considered i. A blank page bearing no number follows the title page. The acceptance sheet bears no number but is considered ii. Other preliminary pages are numbered in the following orders: acknowledgement, dedication (if any), table of contents, list of tables (if any) and list of figures (if any).

**TEXT PAGES**

Arabic numerals should be used in the text. Page numbers should be placed on the upper right-hand corner, 1 inch from both edges. The page numbers should not be enclosed in parenthesis, hyphens or any other characters.

**TABLES**

Table title should be typed on the top side of the table, leaving 1 space before the actual table. The table itself should have three horizontal lines only, with two lines separating the table heading from the data and a final line indicating end of the table (see sample title).

Tables that are typed sideways on the page must be placed in the thesis so that the top of the table is at the binding side, i.e., the left side of the thesis.

**FIGURES**

Figures include graphs, photographs and illustrations. These should be numbered using Arabic numerals. Figure title should be placed on the lower side, allowing one space from the figure. The text should be written in such a way that the readers can understand them without having to rely entirely on the figure.

**LINES, NUMBERING AND LETTERING** on tables, graphs, drawings and in equations must be clear, dark, neat and sharp. No fading out or fuzziness is acceptable.

**REDUCTION**

If it is necessary to reduce some items in the thesis, they are acceptable only if they are clear, dark and sharp.

**COVER**

Hard-bound green cover is required for all copies. On it is reflected the information and formatting of the title page.

**QUESTIONS**

Do not rely on theses in the department or at the library for being final sources of correct thesis form. Consult adviser or the research coordinator for the correct form.

**REQUIRED COPIES**

Four hard-copies should be submitted which are to be distributed follows: 2 for the library, 1 for the adviser and 1 for the students.

**INSTRUCTIONS FOR THE PREPARING OF ABSTRACT**

*The student must submit an extra copy of the abstract to the department for purposes of compilation.*

1. The abstract is an abridged version of the most important results and conclusion reported in the thesis writtein in **NOT MORE THAN 400 WORDS** including numbers and articles.

2. It should contain the name of the candidate, year of compilation, title of thesis underscored, university and number of pages.

 e.g., De La Cruz, J.V. 1998. The science and the art of thesis writing. De La Salle

 University. 75 pp.

3. They should not contain tabular or graphic material, references or unusual abbreviations.

4. It should be so written that it can be read and understood without consulting the paper to which it relates.

 *Sample of Title Page*

**EFFECTS OF WATER STRESS ON THE**

**GROWTH OF** *Coffee arabica* L. (**Coffee)**

A Thesis

Presented to

The Faculty of Biology Department

De La Salle University

Taft Avenue, Manila

In Partial Fulfillment

of the Requirements for the Degree

of Bachelor of Science in Biology

by

Juan dela Cruz

April 2015

**APPROVAL SHEET**

(*SAMPLE*)

 The thesis entitled "Evaluation of Genetic Variability of Representative Species of *Trichoglottis* Blume, by RAPD (Random Amplified Polymorphic DNA)" prepared by Abigail S. Villaruel, in partial fulfillment of the requirement for the Degree of Bachelor of Science in Biology has been examined and is recommended for acceptance and approval.

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 Name of Adviser Date

 The thesis is accepted in partial fulfillment of the requirement for the Degree of Bachelor of Science in Biology.

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 Dr. Mary Jane Flores Date

 Chairperson, Biology Department

**ABSTRACT**

(3 spaces)

AUTHOR. Year of Graduation. Title. De La Salle University-Manila. No. of pages.

(2 spaces)

Adviser :

(2 spaces)

 Body of Abstract (single space) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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NOTE : Use Times New Roman Font Size 12 for Windows. For final thesis, use DLSU paper and follow printed margins. Headings and subheadings should be typed **BOLD**. Scientific names should be **italicized.** Use no dash or dot to connect the entry with the page.

**CHAPTER I**

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**INTRODUCTION**

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 Introduction should include statement of the problem and significance of the study.

(3 spaces)

**Objectives**

 Introduce this part with a sentence.

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Scope and Limitations**

 Introduce this part with a sentence.

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Note : Use Times New Roman Font Size 12 for Windows.

 Headings and subheadings should be typed **BOLD**. Scientific names should be *italicized*.

**CHAPTER II**

(3 spaces)

**REVIEW OF RELATED LITERATURE**

Note :

Various ways of citing authors:

 Hickman and Brown (1990)

 (Hickman and Brown, 1990)

 Santos et al. (1975)

 Ramos (1990a, 1990b)

 \*(Hickman and Brown, 1990; Ramos, 1982; Santos et al., 1975)

\*For group citation, list authors with most recent work done.

**CHAPTER III**

(3 spaces)

**MATERIALS AND METHODS**

**Collection of Samples**

 This section describes how the sample was collected. The number of replicates should be identified.

 **Description of the Study Site** (optional – depends on the nature of the study)

 A general description of the area where the study was conducted is included in this section. A map with scale to denote distance should be included.

**Laboratory Analysis**

 Identification of laboratory procedure(s) to be followed should be given in this section. Detailed standard procedures should be presented in the appendix section. Modifications should be mentioned in this chapter.

**Data Analysis/Statistical Tool** (if needed)

 Validity of data collected could be evaluated using statistical tools. Statistical tools have pertinent uses depending on the research design and objectives.

**CHAPTER IV**

**RESULTS AND DISCUSSION**

Note : All Tables and Figures must be incorporated in Results and Discussion.

Table 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 **Figure 1.**

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 **Figure 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**CHAPTER V**

**SUMMARY, CONCLUSION AND RECOMMENDATION**

**LITERATURE CITED**

(separate page)

(Samples taken from CBE [Council of Biology Editors] Style Manual, 1983 with modifications).

**DATABASES**

**Format**:

Last Name and Initial(s) of Author, [followed by last names and initials of other authors, if any]. Title of Database. Version. Place of Publication: Publisher. Date of Publication [Date of Update/Revision; Date of Citation].

**Example**:

Prevention News Update Database [Internet]. Rockville (MD): Centers for Disease

 Control and Prevention (US), National Prevention Information Network. 1988 Jun -

 [cited 2001 Apr 12]. Available from: http://www.cdcnpin.org/db/public/dnmain.htm

## Discussion Lists

**Format**:

Author of Message. Title of Message. In: Title of List. [Place of Publication: Publisher]; Date of Publication; Date of [Citation date]. Numeration of Message. Available from: Insert URL

**Example**:

Kennedy, J. AMA Physician Characteristics. In: Medlib. [NY: Univ of Buffalo]; 2001

 December week 3, [Cited 2004 July 10]. 1. Available from:

 http://listserv.acsu.buffalo.edu/cgi-bin/wa?A1=ind0112c&L=medlib-l

## Electronic Books (Monographs)

**Format**:

[Abbreviated Name of Corporate Author, if appropriate] Name of Corporate Author. Year of Publication. TITLE OF MONOGRAPH [monograph online]. Place of Publication: Publisher; [Update Information, if appropriate]. Availability Information. Date of Access.

**Example**:

University of Medicine and Dentistry of New Jersey and Robert Wood

 Johnson Medical School Department of Obstetrics, Gynecology, and Reproductive

 Services. 1998. RECOGNITION AND MANAGEMENT OF THE

 PERIMENOPAUSAL PATIENT IN CLINICAL PRACTICE [monograph online].

 Available from: Femhealth, http: //peri-menopause.com. Accessed 1999 May 20.

## Electronic-Journal Articles

**Format**:

Last Name and Initial(s) of Author, [followed by last names and initials of other authors]. Year of Publication. Title of article. Abbreviated Journal Title [medium]; Volume (Issue): Inclusive Page Numbers [if available]. Availability Information. Date of Access.

**Example**:

Loker WM. 1996. "Campesinos" and the crisis of modernization in Latin America.

 Jour of Pol Ecol [serial online]; 3(1). Available:

 http://www.library.arizona.edu/ej/jpe/volume\_3/ascii-lokeriso.txt via the INTERNET.

 Accessed 1996 Aug 11.

## Email Messages from Authorities in the Field

**Format**:

Author of Message. Title of Message. Message to: Message Recipient. Date of Publication [Date of Citation].

**Example**:

Harris J. P. RE: determining rH factor [Internet]. Message to: Adam Zacharias.

 1998 Feb 23, 12:08 pm [cited 1998 Feb 28].

## Entire Webpages

**Format**:

Last Name and Initial(s) of Author ; Title of Webpage [Internet]. Place of Publication: Publisher; Date of Publication [Date of Update/Revision; Date of Citation]. Available from: (Insert URL)

**Example**:

British Medical Journal [Internet]. Stanford, CA: Stanford Univ; 2004 July 10;

 Available from: http://bmj.bmjjournals.com/

**JOURNALS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Standard journal article**

Steele, R. 1982. Role of 3-ethylthiopropionate in ethionine metabolism and toxicity in rats. Journal of Nutrition 112: 118-125.

White, H. 1976. Coenzymes as fossils of an earlier molecular state. Journal of Molecular Evolution 7: 101-104.

Livanou, T. 1972. A quick test for protein bound iodine based on the dry ash method. Folia Biochimica Biologie Graeca 9: 110-112.

**Corporate author of article**

The Committee on Enzymes of the Scandinavian Society for Clinical Chemistry and Clinical Physiology. 1976. Recommended method for the determination - glutamytransferase in blood. Scandinavian Journal Clinical Laboratory Investigation 36: 119-125.

Fujian Institute of Microbiology. 1975. [Studies on antibiotics 104: I. Identification of Micromonospora rascopurpurea n. sp.] Acta Microbiologica 15:271-274.

**Article with no identifiable author**

Anonymous. 1976. Epidemiology for primary health care. International Journal of Epidemiology 5:224-225.

Anonymous. 1980. Food allergy and intolerance. Lancet 2: 1344-1345.

**Article with author affiliation**

Norton, E., Boc, a. 1982. (Dept. of Plant and Soil Sciences, Univ. of Idaho, Moscow). In vitro propagation of ornamental rosaceous plants. HortiScience 17: 199-201.

Rosen, B. 1973. (Section of Biochemistry and Molecular Biology. Cornell Univ., Ithaca, NY and Dept. of Biological Chemistry, Univ. of Maryland, School of Medicine, Baltimore). Basic amino acid transport in *Escherichia coli* : properties of canavanine-resistant mutants. Journal of Bacteriology 116: 627-635.

Halberg, F. 1973. (Chronobiology Laboratories, Dept. of Pathology, Univ. of Minnesota, Minneapolis); Katinas, G.S. (Dept. of Histology, Pavlov Medical Institute, Leningrad). Chronobiologic glossary of the International Society for the Study of Biologic Rhythmus. International Journal of Chronobiology 1(1) :31-63.

**Article with subtitle**

Johnson, L., Briggs, B. 1974. On the Proteaceae: the evolution and classification of a southern family. Botanical Journal 70: 83-182.

Scheller, R., Anderson, D., Psakony, J., McAllister, L., Britten, R., Davidson, E. 1981. Repetitive sequences of sea urchin genome : H. Subfamily structure and evolutionary conservation. Journal of Molecular Biology 149: 15-39.

**Article in translated journal**

Mokul'skaya, T., Smetanina, E., Mychko, G., Mokul'skii, M. 1975. Secondary structure of DNA from phages T4 and T6 Molecular Biology (USSR) 9:446-449. Translation of Molecular Biology (Moscow) 9:552-555, 1975.

**Single page of an article**

Tatemoto, K. 1982. Neutropeptide Y: complete amino acid sequence of the brain peptide. Proceedings of the National Academy of Science. USA 79: 5485-5489 (p. 5187, Table 2)

**Article on discontinuous page**

Saperstein, S., Spiller, G. Amen, R. 1974. Nutritional problems and the use of special dietary foods. Food Product Development (April): 58, 61-64.

Crews, D., Gartska, W. 1981. The ecological physiology of the garter snake. Scientific American 245 (5): 158-164, 166-168.

**Entire issue of journal**

Weiss, B. Chairman. 1975. Current status of behavioral pharmacology : a symposium. Federation Proceedings 34(9).

**Journal paginated by issue**

Oppenheimer, S. 1982. Causes of cancer : gene alteration versus gene activation. American Laboratory (Fairfield, CT) 14(11): 40-46.

Eliel, E. 1976. Sterochemistry since LeBel and van't Hoff: Part II. Chemistry 49(3): 8-13.

**Unpaged periodical**

Evans, J. 1976. How many botany books did Thomas Jefferson own? Botanical Garden Bulletin 64(6): 8p.

**Article in parent journal and in subdivision**

Merriam, G., Wachter, K. 1982. Algorithms for the study of episodic hormone secretion. American Journal of Physiology 243(4) : E310-E318.

Merriam, G., Wachter, K. 1982. Algorithms for the study of episodic hormone secretion. American Journal Physiology and Endocrinology Metabolism 6(4) : E310-E318.

Article in issue published in more than one part

Cochrane, C. 1971. Mechanisms involved in the deposition of immune complexes in tissues. Journal Experimental Medicine 134(3, pt.2): 75-89.

**Article in issue with special volume designation**

Thammer, C., Karlson, P. 1972. Nachweis der Proteinbindung von Ecdhyson bei der Schemeissfliege Mei *Caliphora erythrocephale*, Z. Naturforsch. 27B: 1191-1195.

**Item within another periodical**

Bertolo, L., Novakovic, L., Penna, B. 1972. Les effets antirhythmiques du Droperidol. Anesthetics Analgesics 31: 155-156; 1974. Anesthesiology 37: 529-535.

Etienne, M., Henry, Y. 1975. [Apparent digestibility and metabolic utilization of nutrients and reproductive performances in pregnant gilts as affected by the energy supply] Annual Zooethnical 22:311-326; 1973. Biological Abstract 59: 1273 (abstract no. 11904).

**Article on computer-readable magnetic tape**

Poglazov, B., Levshenko, M. 1974. Bacteriophage T4D-induced proteinase. Journal Molecular Biology 84: 463-467. In : Chemical Abstract Condensates [Data base]. Columbus, OH: Chemical Abstracts Service. September 30(81)13: abstract no. 747145f. Magnetic tape; 9 track, 800 and 1600 bpi, CAS standard distribution format, ASCII.

**Journal published in microform**

Obsborn, E., Rigby, C. 1974. The radioimmunoassay of angiotensin: further studies, IRCS Library Compendium [Microform]. May, 2(5):1294. microfilm reel; 16 mm, 24X reduction ratio.

**BOOKS AND MONOGRAPHS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Personal author(s)**

Osler, A. 1976. Complement : mechanisms and functions. Englewood Cliffs, NJ : Prentice-Hall Inc.

Altschul, S von R. 1973. Drugs and foods from little-known plants : notes in Harvard University Herbaria. Cambridge, MA: Harvard University Press.

Eason, G., Coles, C., Gettingby, G. 1980. Mathematics and statistics for the bio-sciences. West Sussex, England: Ellis Horwood Limited.

De Robertis, E., Saez, F., De Robertis, E., Jr. 1975. Cell biology. 6th. Philadelphia: W.B. Saunders Co.

**Corporate author**

AMA Department of Drugs. 1980. AMA drug evaluations. 4th ed. New York : John Wiley and Sons.

ASTM Committee E-8 on Nomenclature and Definitions. 1976. Compilations of ASTM standard definitions. 3rd ed. Philadelphia: American Society for Testing and Materials.

International Anatomical Committee. 1972. Nomina anatomica. Amsterdam: Excerpts Medica.

**Editor, compiler, chairman as author**

Wood, R., editor. 1982. Active defense mechanisms in plants. New York : Plenum Press.

Rhodes, A., Von Rooyen, C. , compilers. 1968. Textbook of virology: for students and practitioners of medicine and other health sciences. 5th ed. Baltimore: Williams and Wilkins Co.

Padilla y Padilla, C., Padilla, G., compilers and editors. 1974. Amebiasis in man : epidemiology, therapeutics, clinical correlations and prophylaxis. Springfield, II: Charles C. Thomas.

**Section, selective pages, or chapter in a book**

Strauss, J., Strauss, E., Togaviruses, Nayak, D. editors. 1977. The molecular biology of animal viruses. New York : Marcel Dekker, Inc. 111-166.

Kirkpatrick, C., Sohnle, P. 1981. Chronic mucocutaneous candidiasis. In : Safai, B., Good, R. eds. Immunodermatology. New York : Plenum Medical Book Co. 7:495-514.

Schenider, B.; Flatt, W. 1976. Stage of maturity terms to describe foods. The evaluation of feed through digestibility experiments. Athens, GA: Univ. of Georgia Press. 198-200 (Table II).

**Reprint**

Willis, J. 1940. The course of evolution : by differentiation or divergent mutation rather than by selection. Cambridge, England : University Press, New York: Hafner Press Reprint, 1974.

**Author as publisher**

Dimon, J. 1995. American horses and horse breeding: a complete history of the horse from the remotest period in history to date. Hartford, CT: J. Dimon.

Sommer, H. 1938. Market milk and related products. Madison, WI: Hugo Summer.

**Book in preparation**

Westley, J. editor. 1983. Polyether antibodies: naturally occurring acid ion-ophores. Vol. 2. Chemistry. New York: Marcel Delkker.

McDougald, L., Long, P. 1983. Handbook of poultry parasitology. New York: Praegen Publications: 256 pp.

**Better known by title**

American men and women of science. 1982. 15 ed. Jacques Cattell Press, ed. New York: R.R. Bowker Co. 7 vol.

Harrison's principles of internal medicine. 1980. 9th ed. Isselbacher, K., Adams, R., Braunwald, E., Petersdorf, R., Wilson, J. eds. New York: McGraw-Hill Book Co.

Bergey's manual of determinative bacteriology. 1974. 8th ed. Buchanan, R., Gibbons, N. eds. Baltimore: Williams and Wilkins Co.

**All volumes of multivolume work**

Colowick, S., Kaplan, N. 1955-1963. Methods in enzymology. New York : Academic Press. 6 vol.

Handbook of psychopharmacology . 1975. Section I : basic neutropharmacology. Iversen, I.L.; Versen, S., Synder, S. eds. New York: Plenum Press. 6 vol.

**Translation**

Stubbe, H. 1972. History of genetics: from prehistoric times to the rediscovery of Mendel's Laws. Cambridge, MA: MTT Press. Waters, T., W., translator. Kurze Geschichte der Genetik. bis zur Widderrentdeckung der Vererbugsregeln Gregor Mendels. 2nd ed. rev. 1965.

Vol'kenshtein, M.V. 1970. Molecules and life: an introduction to molecular biology. New York: Plenum Press. Translated from the Russian by S.N. Timasheflt.

**TECHNICAL REPORTS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Personal author**

Brill, R. 1971. The TAXIR primer. Occasional paper – Institute of Arctic and Alphine Research. 71 p. Occasional paper no. 1. University of Colorado, Boulder, Co.

Zavitkovski, J. editor. 1977. The Enterprise Wisconsin, radiation forest: radio-ecological studies. Oak Ridge, TN: Energy Research and Development Administration, Technical Information Center, 211p. NTIS, Springfield, VA: TID-26113-P2.

Tierney, J., Larkin, E. 1978. Potential sources of error during virus thermal inactivation. Selected Technical Publications. No.28, July – December. Washington, DC: U.S. Dept. of Health and Human Services, Food and Drug Administration, 1981 p. 300-305 (Reprint from Appl. Environ. Microbiol. 36: 432-437). U.S. Government Printing Office, Washington, DC.

**Corporate author**

World Health Organization. 1982. WHO Expert Committee on Specifications for Pharmaceutical Preparations. 28th rep. WHO Tech. Rep. Ser. 681, 33p.

U.S. Congress, House of Representatives. 1977. The international narcotics control community. A report on the 27th session of the United Nations Commissions on Narcotic Drugs to the Select Committee on Narcotics Abuse and Control. Ninety-Fifth Session. Feb. 37p. Available from: U.S. Government Printing Office. Washington, DC: SCNAC-95-1-10.

**Title first**

World Food and nutrition study: enhancement of food production for the United States. 1975. Report-Board of Agriculture and Renewable Resources, Commission on Natural Resources, National Research Council. 174 p. Available from: National Academy of Sciences, Washington, DC.

Chemical plant taxonomy. Mears, E. ed. Newsletter No. 27, 1977 Jan. [15p.]. Available from: The Academy of Natural Sciences of Philadelphia.

**In microform**

Baker, F., Williams, J. Jr. 1968. Research on automatic classification, indexing and extracting, annual progress report [Microform]. Washington, DC: U.S. Office of Naval Research, Information Systems Branch, August, NONR 4456(00). 2 fiche; 24X reduction ratio. Available from: NTIS, Springfield, VA; AD 673428.

**CONFERENCE PROCEEDINGS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Entire proceedings**

Giesey, J. editor. 1978. Microcosms in ecological research. DOE symposium series 52. November 8-10; Augusta, GA. 1110p. Available from: NTIS, Springfield, VA: CONF-781101.

**Page(s) in a proceedings**

Weber, D., Hess, W. 1975. Diverse spores of fungi. Gerhardt. P., Costilow, R., Sadoff, H., eds. Spores VI: selected papers from the sixth international spore conference; 1974 October 10-13; Michigan State University, East Lansing, MI. Washington, DC: American Society for Microbiology, 97-111 (p. 102-103).

Singh, S., Rebischung, J. 1976. Intervention de la science dans Faugmentation des rendements en agriculture [Rebischung]: intervention of science in the increase of production of agriculture [Singh]. Galperine, C. ed. Biology and the future of man: proceedings of the international conference, 1974 September 18-24; Sorbonne, Paris. Universities of Paris. 239-272.

**Unpaged paper in proceedings**

Merker, H., Kottge, P. 1967. Elektronemikroskopische Untersuchungen an menschlichen Lebern bei Virushepatitis. Beck, K. ed. Ikterus: International symposium: October 27-29; Freibrugi Br. Stuttgart; c1968: [Section] 12.

**AUDIOVISUAL MATERIALS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Filmstrip with sound recording**

Separation of plasma and serum from blood [Filmstrip]. 1975. American Institute of Biological Sciences. Communication Skills Corporation: 29fr.: color; 35 mm. Accompanied by: phonotape: 1 reel; 7 ½ ips; approx. 15 min. (Allied Health Skills Series).

**Motion picture**

Rapid frozen section techniques [Motion picture]. 1966. U.S. Public Health Service Audiovisual Facility and St. Joseph's Infirmary. Washington, DC: National Medical Audiovisual Center and National Audiovisual Center. 6 min,; sd; color; super 8 mm; loop film in cartridge; magnetic sound track.

**Slide set**

Rare and endangered birds and reptiles [slides]. 1974. Northbook. IL: Hubbard Scientific Co.: 20 slides; color: 2 x 2 in . Accompanied by : descriptive material.

**Videorecording**

Mammals of Australia [Videorecording]. 1972. Hamburg. Germany: Teldec. I disc; 5 min. sd. b and w; 1500 rpm: 9 min.

**PATENT DOCUMENTS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**United States**

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**Note :** All names of authors of article or book should be written down. This section must be alphabetically arranged.