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**Pacific Southwest
Forest and Range
Experiment Station**

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General Technical
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International Directory of Documentation Services Concerning Forestry and Forest Products



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International Directory of Documentation Services Concerning Forestry and Forest Products

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Compilers

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Plans for an international directory of documentation services concerning forestry and forest products extend back at least to FAO's 2d Expert Consultation on AGRIS-Forestry in Rome, January 1975. Participants at this meeting identified the need for "a catalog of scientific and technical information data bases related to forestry."¹ These recommendations were developed further at a workshop in Madison, Wisconsin, in November 1975, and again at the 3d Technical Consultation on AGRIS-Forestry in Nancy, France, in June 1976. Studies called attention to Boyle and Buntrock's *Survey of the World Agricultural Documentation Services*² and to the work of others, but the need was felt for a survey more closely aligned with forestry and forest products. In the fall of 1977, therefore, the Forest Service, U.S. Department of Agriculture, began a cooperative agreement with the University of California to assemble and publish this directory.

The purpose of the directory is to provide an international listing of documentation services concerning forestry and forest products, services that index and abstract the primary literature in the field. It differs from the recent FAO publication, *AGRIS-Forestry, World Catalogue of Information and Documentation Services*,³ in that the FAO publication covers a wider range of forestry-related activities. In contrast, this directory lists only those documentation services that meet the following requirements:

- They must be an indexing, abstracting, or title service, or any combination of the three.
- Their output should be current and regular.
- There must be at least 100 citations per year.
- The service must be available in any one or more of the following forms: journals, sheets or pages, cards, microfiche, computer tape, printout from tape.
- Qualified users must be able to access the service through subscription, purchase, exchange, or some

other common avenue; for example, membership, cooperative input, or other.

- At least 10 percent of the citations must be of interest for forestry, forest products, or related fields.

Although the compilers have used these six requirements as guidelines, they have deviated from them on occasion. Some services that publish on an irregular basis have been listed if their output appeared substantial and if documentation services from that geographical region were limited. Also, owing to the wide range of interests relative to forestry and forest products, the last requirement has been interpreted broadly. The compilers have preferred to list services in peripheral areas rather than ignore them if there is a possibility that the information is of interest to a forester.

This directory provides information about 120 documentation services in 28 countries.⁴ Entry titles are arranged in alphabetical order in language of origin. All entries are indexed in these categories:

- Title (in language of origin, in English, by former title, by associated titles)
- Acronym and title abbreviation
- Subject
- Geographical coverage
- Country of origin
- Publisher or issuing organization
- Language(s) of input sources
- Language(s) in which abstracts are published
- Language(s) in which titles are published
- Additional services provided (beyond that of documentation).

It is hoped that this directory will be a useful contribution to the on-going development of an international information network for forestry and forest products.

¹Callaham, R.Z. "Scientific and technical data bases related to forestry." (Discussion paper) XVI IUFRO World Congress, Oslo, Norway, 1976. Congress report, p. 335.

²Boyle, P.J., and H. Buntrock. *Survey of the World Agricultural Documentation Services*. Luxembourg: Food and Agricultural Organization of the United Nations, 1973.

³Brewer, Susan Lederer, compiler. *A GRIS Forestry World Catalogue of Information and Documentation Services*. Rome: Food and Agricultural Organization of the United Nations, 1979.

⁴For all but eight of the 120 entries, the information was supplied by the producer of the service in response to a questionnaire (*app. B*). The eight exceptions are marked with an asterisk in the listing of *Documentation Services*. These are documentation services which are well known but which did not respond to our questionnaire or services about which our information is incomplete. In these instances, the compilers of this directory, rather than the producer of the service, have supplied the information.

EXPLANATION OF ENTRY FORMAT

Although the appearance of entries will vary according to the nature of the service described, the information will generally consist of the following items:

- A Title in language of origin
- B Acronym or initials (when applicable)
- C Title translated into English (will appear within parentheses when applicable)
- D Type of service—journal, microfiche, tape, etc.—and cost. The cost is on the basis of 1977 figures. Although out of date, it is provided here as a basis of comparison. The figure in brackets is the cost of this service when provided outside the issuing country.
- E Initial date of publication under current title
- F Previous or associated titles
- G Name and address of publisher, issuing organization, or both

- H Subject coverage (See the subject index for fuller coverage)
- I Output information—number of citations, format, geographical coverage. Again, the figures are estimates on the basis of 1977 data, out of date but still presumably useful for comparative purposes. (A service which provided 7000 citations in 1977 is still probably larger than one which produced 170 citations in that year.) In the section labeled "Format," "full bibliographic coverage" means author, title, volume, place of publication, publisher, and date of publication.
- J Input sources
- K Indexes—type and frequency of publication
- L Data handling
- M Additional services—that is, in addition to documentation of the literature of forestry and forest products

Sample of entry format

- A — **ABSTRACT BULLETIN OF THE** B
ABIPC —
INSTITUTE OF PAPER CHEMISTRY
- C —
- D — { Journal, monthly, \$750., [\$750]; microfiche, monthly, \$750., [\$750] (lease agreement required); keyword index,
monthly (except June) with semiannual cumulations, price not given; Sept. 1958- ————— E
- F — **Previously published as:** BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY (1930-1958). *Contents overlap with:* PAPERCHEM (on-line version of ABIPC from July 1968 to present); IPC LIST OF TRANSLATIONS (free on request).
- G — **Published by:** The Institute of Paper Chemistry, 1043 E. South River Street, P.O. Box 1039, Appleton, Wis. 54912, U.S.A. *Issuing organization:* same as publisher. *Associated library:* Division of Information Services, The Institute of Paper Chemistry, 1043 E. South River Street, P.O. Box 1039, Appleton, Wis. 54912, U.S.A.
- H — **Subject coverage:** pulp, paper, and related subjects.
- I — **Output:** 300,000 citations through 1977 (11,143 abstracts, 478 cited titles in 1977). Arranged by subject first, then author. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, language of original text and of summaries. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.
- J — **Input:** regularly scans 800 journals, 100 secondary sources. List of publications regularly scanned available. Almost all languages included. *Sources (percent):* journal articles (37), monographs (3), government documents and reports (1), conference papers (10), patents (40), secondary sources (5), translations (3), bibliographies and reviews (1).
- K — **Indexes:** *Author:* monthly, with annual cumulations. *Subject:* conventional alphabetical, monthly, with annual cumulations; about six terms per citation, controlled vocabulary, available for examination; thesaurus-based keyword index, monthly, with semiannual cumulations about 24 terms per citation, thesaurus available for examination. *Specific name index:* trade names, company names, and others; monthly, with annual cumulations. *Patent Number Index:* monthly, with annual cumulations.
- L — **Data handling:** computerized.
- M — **Additional services:** SDI and retrospective retrieval searches (through ORBIT); annotated bibliographic series; full-size copies; translation from all languages into English.

DOCUMENTATION SERVICES

1 ABI/INFORM

(Abstracted Business Information)

Magnetic tapes, monthly; contact Data Courier for price; 1978-

Published by: Data Courier, Inc., 620 South Fifth Street, Louisville, Ky. 40202, U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: economics, management science, marketing, public administration, telecommunications, and other related subjects.

Output: about 72,000 citations through 1977 (18,218 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, CODEN, and ISSN. Titles in original language. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 400 journals. English. *Sources (percent):* journal articles (100).

Indexes: on-line searching can use words in title or abstract, keywords (eight to twelve per citation), author, CODEN, ISSN, and document type.

Data handling: computerized.

Additional services: on-line searching available through DIALOG, ORBIT, BRS, and Information Retrieval Service (European Space Agency); full-size copies.

2 ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY

ABIPC

Journal, monthly, \$750., [\$750]; microfiche, monthly, \$750., [\$750] (lease agreement required); keyword index, monthly (except June) with semiannual cumulations, price not given; Sept. 1958

Previously published as: BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY (1930-1958). *Contents overlap with:* PAPERCHEM (on-line version of ABIPC from July 1968 to present); IPC LIST OF TRANSLATIONS (free on request).

Published by: The Institute of Paper Chemistry, 1043 E. South River Street, P.O. Box 1039, Appleton, Wis. 54912, U.S.A. *Issuing organization:* same as publisher. *Associated library:* Division of Information Services, The Institute of Paper Chemistry, 1043 E. South River Street, P.O. Box 1039, Appleton, Wis. 54912, U.S.A.

Subject coverage: pulp, paper, and related subjects.

Output: 300,000 citations through 1977 (11,143 abstracts, 478 cited titles in 1977). Arranged by subject first, then author. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, language of original text and of summaries. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 800 journals, 100 secondary sources. List of publications regularly scanned available. Almost all languages included. *Sources (percent):* journal articles (37), monographs (3), government documents and reports (1), conference papers (10), patents (40), secondary sources (5), translations (3), bibliographies and reviews (1).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* conventional alphabetical, monthly, with annual cumulations (about six terms per citation, controlled vocabulary, available for examination); thesaurus-based keyword index, monthly, with semiannual cumulations (about 24 terms per citation, thesaurus available for examination). *Specific name index:* trade names, company names, and others; monthly, with annual cumulations. *Patent Number Index:* monthly, with annual cumulations.

Data handling: computerized.

Additional services: SDI and retrospective retrieval searches (through ORBIT); annotated bibliographic series; full-size copies; translation from all languages into English.

3 ABSTRACT INFORMATION DIGEST SERVICE

AIDS

Microfiche, semiannual; magnetic tapes, semiannual; price not given; 1974-

Contents overlap with: WOOD INDUSTRY ABSTRACTS.

Published by: Forest Products Research Society, 2801 Marshall Court, Madison, Wis. 53705, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: forest products.

Output: 10,109 citations through 1977 (1200 to 1500 citations in 1977). Arranged by subject. *Format:* full bibliographic citations plus keywords, subject headings, species, and author affiliation. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 350 journals, 200 secondary sources. List of publications regularly scanned available for examination. English and non-English articles that include English abstract and title. *Sources (percent):* journal articles (60), government documents and reports (29), conference papers (1), patents (10).

Indexes: *Author:* semiannual. *Subject:* KWOC, semiannual (10 to 15 terms per citation, controlled vocabulary, available for examination). *Taxonomic:* semiannual.

Data handling: computerized and mechanical.

Additional services: retrospective retrieval searches; full-size copies; abstract copies.

4 ABSTRACTS—U.S. INTERNATIONAL BIOLOGICAL PROGRAM ECOSYSTEM ANALYSIS STUDIES US/IBP ABSTRACTS

Journal, irregularly, free; computer printout, microforms, and magnetic tapes by request only, free; 1972-

Previously published as: ABSTRACTS—U.S.-IBP ECOSYSTEM ANALYSIS STUDIES (1972); BIOME ABSTRACTS—U.S.-IBP ECOSYSTEM ANALYSIS (1972); U.S.-IBP Analyses of Ecosystems Program Interbiome Abstracts (1971); U.S./IBP Abstracts (1970). *Contents cumulate into:* ORLOOK (on-line retrieval file).

Published by: Environmental Sciences Division, Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, Tenn. 37830, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: ecology of coniferous forests, deserts, Eastern deciduous forests, grasslands and tundras in the United States.

Output: (950 abstracts in 1977). Arranged by authors within biome groups. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, taxonomic names, geographic descriptors and data collection information (such as dates of research and parameters measured). Titles in English. Abstracts in English. *Geographic coverage:* United States: Coniferous Forest Biome, Desert Biome, Eastern Deciduous Forest Biome, Grassland Biome, Tundra Biome.

Input: regularly inputs reports and datasets of the US/IBP biomes (Coniferous Forest Biome, Desert Biome, Eastern Deciduous Forest Biome, Grassland Biome, and Tundra Biome). English; occasionally French, German, or Russian. *Sources (percent):* journal articles (60), monographs (10), government documents and reports (25), conference papers (5).

Indexes: *Author:* every issue, with cumulations every four issues. *Subject:* KWOC, every issue, with cumulations every four issues (6 to 10 terms per citation, controlled vocabulary, available for examination). *Geographic:* every four issues.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, numeric data sets from the Eastern Deciduous Forest Biome Studies.

5 *ABSTRACTS OF BULGARIAN SCIENTIFIC LITERATURE (AGRICULTURE AND FORESTRY, VETERINARY MEDICINE) SERIES A: PLANT BREEDING AND FOREST ECONOMY

Journal, quarterly, price not given; 1956-

Published by: National Center for Scientific and Technical Information in Agriculture, Food Industry and Forestry, Sofia, 6 Dragan Tsankov Blvd., Bulgaria. *Issuing organization:* same as publisher.

Subject coverage: agriculture, soil science, and forestry in Bulgaria.

Output: editions published in English and in Russian. (870 abstracts in 1978). Arranged by subject categories. *Format:* full bibliographic citations plus abstracts, authors' addresses, and names of abstracters. Titles in Bulgarian, and in English or Russian. Abstracts in English or Russian. *Geographic coverage:* Bulgaria.

Input: items on plant breeding and forest economy published in Bulgaria. Bulgarian. *Sources (percent):* journal articles (~100).

Indexes: *Author:* quarterly. *Subject:* quarterly.

6 ABSTRACTS OF ENTOMOLOGY

Journal, monthly, \$95. [\$95.], plus \$35. [\$35.] for the annual cumulative index; 1970-

Contents cumulate into: BIOS IS PREVIEWS. *Contents selected from:* BIOLOGICAL ABSTRACTS and BIORESEARCH INDEX.

Published by: Biosciences Information Service (BIOSIS), 2100 Arch Street, Philadelphia, Pa. 19103, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: entomology.

Output: 115,000 abstracts through 1977 (13,000 abstracts in 1977). Arranged by reference number originally assigned to items when listed for Biological Abstracts and BioResearch Index. *Format:* full bibliographic

citations plus abstracts, keywords, authors' addresses, CODEN and ISBN. Titles in English. Abstracts in English. *Geographic coverage*: worldwide.

Input: regularly scans more than 8000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent)*: journal articles plus government documents and reports (94), monographs (1), conference papers (5).

Indexes: *Author*: monthly, with annual cumulations. *Subject*: title words in context, preceded or followed, or both, by other keywords not in context; permuted format, monthly, with annual cumulations (about 19 terms per citation.) *Taxonomic*: Generic Index (genus and species); Biosystematic Index (above genus level). *Other*: Concept Index (more than 500 broad subject headings in biology).

Data handling: computerized.

7 ABSTRACTS OF MYCOLOGY

Journal, monthly, \$75. [\$75.], plus \$30. [\$30.] for the annual cumulative index; 1967-

Contents cumulate into: BIOSIS PREVIEWS. *Contents selected from:* BIOLOGICAL ABSTRACTS and BIORESEARCH INDEX.

Published by: Biosciences Information Service (BIOSIS), 2100 Arch Street, Philadelphia, Pa. 19103, U.S.A.

Issuing organization: same as publisher.

Subject coverage: mycology.

Output: 120,000 abstracts through 1977 (12,500 abstracts in 1977). Arranged by reference number originally assigned to items when listed for Biological Abstracts and BioResearch Index. (BA items first, followed by Biol items). *Format*: full bibliographic citations plus abstracts, keywords, authors' addresses, CODEN and ISBN. Titles in English. Abstracts in English. *Geographic coverage*: worldwide.

Input: regularly scans more than 8000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent)*: journal articles plus government documents and reports (94), monographs (1), conference papers (5).

Indexes: *Author*: monthly, with annual cumulations. *Subject*: title words in context, preceded or followed, or both, by other keywords not in context; permuted format, monthly, with annual cumulations (about 19 terms per citation). *Taxonomic*: Generic Index (genus and species); Biosystematic index (above genus level). *Other*: Concept Index (more than 500 broad subject headings in biology).

Data handling: computerized.

8 ABSTRACTS ON HEALTH EFFECTS OF ENVIRONMENTAL POLLUTANTS

HEEP

Journal, monthly, \$120. [\$120.], plus \$50. [\$50.] for the annual cumulative index; 1972

Contents cumulate into: BIOSIS PREVIEWS. *Contents selected from:* BIOLOGICAL ABSTRACTS and BIORESEARCH INDEX.

Published by: Biosciences Information Service (BIOSIS), 2100 Arch Street, Philadelphia, Pa. 19103, U.S.A.

Issuing organization: same as publisher.

Subject coverage: environmental pollution and its effects on health.

Output: 75,000 abstracts through 1977 (13,500 abstracts in 1977). Arranged by reference number originally assigned to items when listed for Biological Abstracts and BioResearch Index (BA items first, followed by Biol items). *Format*: full bibliographic citations plus abstracts, keywords, authors' addresses, CODEN and ISBN. Titles in English. Abstracts in English. *Geographic coverage*: worldwide.

Input: regularly scans more than 8000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent)*: journal articles plus government documents and reports (94), monographs (1), conference papers (5).

Indexes: *Author*: monthly, with annual cumulations. *Subject*: title words in context, preceded or followed, or both, by other keywords not in context; permuted format, monthly, with annual cumulations (about 19 terms per citation). *Taxonomic*: Generic Index (genus and species); Biosystematic Index (above genus level). *Other*: Concept Index (more than 500 broad subject headings in biology).

Data handling: computerized.

9 ABSTRACTS ON TROPICAL AGRICULTURE

ATA

Journal, monthly, Dfl. 1. 235., \$120. [Dfl. 235., \$120.]; card service, monthly, price per card: Dfl. 0.20, \$.10; 1975-

Previously published as: TROPICAL ABSTRACTS (1946-1974).

Published by: Koninklijk Instituut voor de Tropen, (Royal Tropical Institute), Department of Agricultural Research, Mauritskade 63, 1092 AD Amsterdam, Netherlands. *Issuing organization:* same as publisher.

Associated library: Koninklijk Instituut voor de Tropen, Centrale Bibliotheek, Mauritskade 63, 1092 AD Amsterdam, Netherlands.

Subject coverage: tropical agriculture.

Output: 18,137 citations through 1977 (6000 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, primary authors' addresses, ISSN, ISBN and language of item. Titles in original language and English. Abstracts in English. *Geographic coverage:* tropical and subtropical regions.

Input: regularly scans 1500 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (10), government documents and reports (10), conference papers (10).

Indexes: *Author:* monthly. *Subject:* monthly, with annual cumulations (about 5 terms per citation). *Geographic:* monthly. *Taxonomic:* annual (plants only). *Author affiliation:* monthly.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies.

10 ACCESSIONS BULLETIN

Journal, every 3 weeks, free, 1958-

Published by: Library, Tropical Products Institute, 56-62 Grays Inn Road, London WC1X 8LU, England. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: products of tropical agriculture, including forest products.

Output: about 675,000 citations through 1977 (3811 citations printed, 16,000 citations compiled in 1977). Arranged by author. *Format:* full bibliographic citations plus ISBN, and UDC for nonserial monographs. Titles in English. *Geographic coverage:* worldwide, with emphasis on developing countries.

Input: regularly scans 1200 journals. List of publications regularly scanned available for examination. English, French, Spanish, German, Portuguese. *Sources (percent):* journal articles (30), monographs (30), government documents and reports (30), conference papers (5), patents (1), other (4).

Data handling: manual.

Additional services: retrospective retrieval searches, full-size copies, library loans (to U.K. libraries only). Translation services from French, German, and Spanish into English.

11 AGRARMETEOROLOGISCHE BIBLIOGRAPHIE 19_ (AGRICULTURAL METEOROLOGY BIBLIOGRAPHY)

Journal, monthly, DM 42, —; 1950-

Published by: Deutscher Wetterdienst, Zentralamt, Frankfurter Str. 135, 6050 Offenbach a. M., Bundesrepublik Deutschland. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: agricultural meteorology.

Output: 40,000 citations through 1977 (1800 abstracts, 2100 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts. Titles in original language and in German, English, or French. Abstracts in German, English, or French. *Geographic coverage:* worldwide.

Input: regularly scans 1500 journals, 15 secondary sources. German, English, and French. *Sources (percent):* journal articles (70), monographs (30).

Indexes: *Author:* annual. *Subject:* annual (about three terms per citation).

Data handling: manual.

12 AGRIASIA: A CURRENT BIBLIOGRAPHY OF SOUTHEAST ASIAN AGRICULTURAL LITERATURE

AGRIASIA

Journal, every 4 months, P240, \$35. [U.S. \$60.]; magnetic tapes, every 4 months, price not given; 1977-

Contents overlap with: NATIONAL AGRICULTURAL BIBLIOGRAPHY SERIES.

Published by: Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), College, Laguna 3720, Philippines. *Issuing organization:* Agricultural Information Bank for Asia, College, Laguna 3720, Philippines. *Associated libraries:* Bangladesh National Scientific and Technological Documentation Centre; Agriculture and Fisheries Department, Canton Road Government Offices (Hong Kong); Bibliotheca Bogoriensis (Indonesia); Perpustakaan Negara Malaysia; University of the Philippines at Los Banos Library; Korea Scientific and Technological Information Centre (South Korea); Nanyang University (Singapore); and Thai National Documentation Centre.

Subject coverage: agriculture.

Output: (4387 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus keywords, subject headings, source, authors' addresses, ISSN and ISBN. Titles in original language and English. *Geographic coverage:* Asia (Bangladesh, Hong Kong, Indonesia, Malaysia, Philippines, Republic of Korea, Singapore, and Thailand).

Input: regularly scans 279 journals, 10 secondary sources. English, Thai, Bahasa-Indonesian, Malay, Filipino, Korean, Chinese. *Sources (percent):* journal articles (30), monographs (20.5), government documents and reports (0.5), conference papers (14), other (35).

Indexes: *Author:* every 4 months. *Subject:* KWIC, every 4 months. *Geographic:* every 4 months. *Other:* index to scientific names.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, microcopies.

13 AGRICultural On-Line Access

AGRICOLA

Magnetic tapes, monthly, \$45 [\$45.]; 1976-

Previously published as: CAIN [Cataloging and INDEXing Records] (1970-1976). *Contents overlap with:* BIBLIOGRAPHY OF AGRICULTURE, the NATIONAL AGRICULTURAL LIBRARY CATALOG, and the AG-ECON database.

Issuing organization: U.S. Department of Agriculture, Science and Education Administration, Technical Information Systems, Resource Development Division, NAL Building, Beltsville, Md. 20705, U.S.A. *Associated library:* National Agricultural Library, SEA/TIS, U.S. Department of Agriculture, Beltsville, Md. 20705, U.S.A.

Subject coverage: agriculture.

Output: 1,024,197 citations through 1977 (144,358 cited titles in 1977). Output arrangement determined by online search strategy. Database searchable by keywords, subject headings, subject category codes, author, corporate author, date of publication, date of indexing, document type, geographic codes, journal title abbreviations, language, and source codes. *Format:* full bibliographic citations plus keywords, subject headings, subject categories, ISSN, ISBN, language of item, and summaries for foreign articles. Titles in original language and English. *Geographic coverage:* worldwide.

Input: regularly scans 7000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (77), monographs (10), government documents and reports (5), conference papers (8).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, library loans.

14 AGRINDEX

Journal, monthly, \$250. [\$250.]; magnetic tapes (AGRIS), monthly, only available to AGRIS participating centers (distribution policy in process of being defined); 1975-

Contents cumulate into: AGRIS⁵.

Published by: APIMONDIA, St. Pitar Mos no. 20,. Bucuresti, Romania (main office); APIMONDIA, Corso Vittorio Emanuele 101, 00186 Roma, Italy. *Coordinating organization:* AGRIS Coordinating Centre, FAO, Via delle Terme di Caracalla, 00100 Roma, Italy. *Associated libraries:* AGLINET Libraries (Worldwide Network of Agricultural Libraries), listed in each issue.

Subject coverage: agriculture.

Output: 223,045 citations through 1977 (97,666 cited titles in 1977). Arranged by subject categories (headings) and commodity codes (subheadings). *Format:* full bibliographic citations plus subject categories, source, authors' affiliations, ISSN, ISBN, availability statement for nonconventional documents, language of text, commodity codes and geographic codes. Titles in original language and English. Abstracts in any language as submitted for inclusion on AGRIS tapes. *Geographic coverage:* worldwide.

Input: regularly scans 5000 journals. Almost all languages included. *Sources:* journal articles, monographs, dissertations and theses, government documents and reports, conference papers, patents, nonconventional literature.

Indexes: *Author:* monthly, with cumulations every 2 years (except 3-yr. index for 1975-1977). *Subject:* AGRIS classification scheme, monthly, with cumulations every 2 years (except 3 yr. index for 1975-1977); (controlled vocabulary, available for examination). *Other:* commodities index, corporate authors index, and report and patent number index.

Data handling: computerized.

Additional services: (provided by AGLINET Libraries): full-size copies, microcopies, library loans, translations.

⁵AGRINDEX (printed product) and AGRIS tapes have the same subject contents. The tape version also includes data related to geographic subject aspects, document type, literary indicators, and others for which no indexes are included in the printed version. From 1979 onwards, input by participating centers of index terms and/or abstracts is allowed but not compulsory. These are recorded on AGRIS tapes only.

15 AIKAKAUSLEHTIKATSAUS—TIDSKRIFTSOVERSIKT

(WEEKLY SURVEY OF PERIODICALS)

Offset-printed list, weekly, mk 200.—; 1947-

Published by: Oy Keskuslaboratori—Centrallaboratorium Ab, (The Finnish Pulp and Paper Research Institute), Documentation Service, P.O. Box 136, SF—00101 Helsinki 10, Finland. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forestry and forest products.

Output: 45,000 citations from 1974 through 1977 (11,000 citations printed in 1977). *Format:* bibliographic citations plus subject headings. Titles in original language, except for Japanese and Slavic language citations. *Geographic coverage:* worldwide.

Input: regularly scans 330 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (80), conference papers (10), patents (10).

Data handling: manual.

Additional services: SDI, retrospective retrieval searches, full-size copies. Translation services: from Finnish and Swedish into English and German.

**16 APPLIED ECOLOGY ABSTRACTS: STUDIES
IN RENEWABLE NATURAL RESOURCES**

AEA

Journal, monthly, £80, \$160. [in U.S.A. and Canada, U.S. \$235.; elsewhere, £90]; magnetic tapes, price and frequency not given; 1975-

Published by: Information Retrieval Limited, I Falconberg Court, London W1V 5FG, U.K. (U.S.A. Office—Information Retrieval, Inc., 1911 Jefferson Davis Highway, Arlington, Va. 22202, U.S.A.) *Issuing organization:* same as publisher.

Subject coverage: ecology, including forest ecology, silviculture, forest management, insects, disease, and damage.

Output: 36,186 citations through 1977 (14,000 abstracts, 900 cited titles printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, price, authors' addresses, ISSN, ISBN, and language of original item and any summaries given. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 5000 journals, 300 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (55), monographs (15), government documents and reports (15), conference papers (10), secondary sources (3), other (5)

Indexes: *Author:* monthly, with annual cumulations. *Subject:* keywords linked in chains (modified A.S.I. type), monthly, with annual cumulations (about six terms per citation, controlled vocabulary, available for examination). *Geographic:* monthly. *Taxonomic:* included as part of subject index.

Data handling: computerized and manual.

Additional services: SDI, reprints of journal articles.

**17 AQUATIC SCIENCES AND FISHERIES ABSTRACTS-
PART 1: BIOLOGICAL SCIENCES AND LIVING RESOURCES**

**ASFA
PART 1**

Journal, monthly, £105. U.K. and India. [£115 elsewhere]; magnetic tapes, monthly, contact FAO for details; 1978-

Previously published as: AQUATIC SCIENCES AND FISHERIES ABSTRACTS (1971-1977) was formed when AQUATIC BIOLOGY ABSTRACTS and CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES were merged in 1971. *Contents cumulate into:* AQUATIC SCIENCES AND FISHERIES INFORMATION SYSTEM (ASFIS).

Published by: Information Retrieval Limited, I Falconberg Court, London W1V 5FG, United Kingdom. *Issuing organization:* Food and Agriculture Organization of the United Nations, Via delle Terme di Caracalla, Rome, Italy.

Subject coverage: aquatic biology and fisheries.

Output: (16,000 abstracts printed in 1978). Arranged by subject categories. *Format:* full bibliographic citations plus abstracts, first author's affiliation and language of item and any summaries. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 5000 journals. Almost all languages included.

Indexes: *Author:* monthly with annual cumulations. *Subject:* rotated-chain keyword, monthly, with annual cumulations (controlled vocabulary). *Geographic:* monthly, with annual cumulations. *Taxonomic:* monthly, with annual cumulations.

Data handling: computerized.

18 ASSISTANCE WITH ARBORICULTURAL READING

AAR

Sheets, weekly, £5 [£5]; 1977-

Contents overlap with: ASSISTANCE WITH RESEARCH READING.

Published by: Arboricultural Advisory and Information Service, Forestry Commission Research Station, Alice Holt Lodge, Wrecclesham, Farnham, Surrey GU 10 4LH, England. *Issuing organization:* same as publisher.

Associated library: same as publisher.

Subject coverage: arboriculture.

Output: 1000 citations printed in 1977. Arranged by titles of primary journals or sources scanned. *Format:* bibliographic citations. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 1000 journal issues per year. List of publications regularly scanned available for examination. English, French, German, and Dutch. *Sources (percent):* journal articles (100).

Data handling: manual.

Additional services: full-size copies.

19 BIBLIOGRAFIA AGROPECUARIA VENEZOLANA

Journal, semiannual, price not given; 1975-

Contents cumulate into (as cooperative input): AGRIS, AGRINTER, and EL INDICE AGRICOLA DE AMERICA LATINA Y EL CARIBE.

Published by: Orfila Marquez y Dilia Ramos, CENIAP, Biblioteca, Aptdo. 4653, Maracay, Estado Aragua, Venezuela. *Issuing organization:* Red de Informacion para las Ciencias Agropecuarias (REDIAGRO), Aptdo. 4653, Maracay, Estado Aragua, Venezuela. *Associated library:* Biblioteca, CENIAP, Aptdo. 4653, Maracay, Estado Aragua, Venezuela.

Subject coverage: agriculture in Venezuela.

Output: (683 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus subject headings and source. Titles in original language. *Geographic coverage:* Venezuela.

Input: Spanish. *Sources (percent):* monographs (25), government documents and reports (50), conference papers (25).

Indexes: *Author:* semiannual. *Subject:* semiannual (4 to 6 terms per citation, controlled vocabulary, available for examination).

Data handling: manual.

Additional services: full-size copies, library loans.

20 BIBLIOGRAFIA BRASILEIRA DE BOTANICA (BRAZILIAN BIBLIOGRAPHY OF BOTANY)

Book, approximately annual, Cr. \$100. [U.S. \$13.]; V.1 1950-55

Published by: Instituto Brasileiro de Informacao em Ciencia e Tecnologia (IBICT), Av. General Justo 171—4o andar—20021—Rio de Janeiro, RJ, Brasil. *Issuing organization:* same as publisher. *Associated library:* Biblioteca do IBICT, Av. General Justo 171—terreo —20021—Rio de Janeiro, RJ, Brasil.

Subject coverage: botany.

Output: 4200 cited titles throughout 1977 (600 cited titles in 1977). Arranged by number. *Format:* full bibliographic citations plus keywords and subject headings. Titles in original language. *Geographic coverage:* Brazil.

Input: regularly scans 47 journals. List of publications regularly scanned available for examination. Mostly Portuguese. *Sources (percent):* journal articles (60), monographs (30), conference papers (10).

Indexes: *Author:* annual. *Subject:* KWIC, annual (about five terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: full-size copies, microcopies.

21 BIBLIOGRAFIA BRASILEIRA DE CIENCIAS AGRICOLAS (BRAZILIAN BIBLIOGRAPHY OF AGRICULTURAL SCIENCES)

Book, approximately annual, Cr. \$400 [U.S. \$25.]; 1967/ 68-

Previously published as: BIBLIOGRAFIA BRASILEIRA DE AGRICULTURA (1956/58-1965-66?).

Published by: Instituto Brasileiro de Informacao em Ciencia e Tecnologia (IBICT), Av., General Justo 171—4o andar—20021—Rio de Janeiro, RJ, Brasil. *Issuing organization:* same as publisher. *Associated library:* Biblioteca do IBICT, Av., General Justo 171—terreo —20021 —Rio de Janeiro, RJ, Brasil.

Subject coverage: agricultural sciences in Brazil.

Output: 24,000 cited titles through 1977 (3200 cited titles in 1977). Arranged by index number. *Format:* full bibliographic citation plus keywords and subject headings. Titles in original language. *Geographic coverage:* Brazil.

Input: regularly scans 61 journals. List of publications regularly scanned available for examination. Mostly Portuguese. *Sources (percent):* journal articles (60), monographs (30), conference papers (10).

Indexes: *Author:* annual. *Subject:* KWIC, annual (about five terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: full-size copies, microcopies.

**22 BIBLIOGRAFIA BRASILEIRA DE ZOOLOGIA
(BRAZILIAN BIBLIOGRAPHY OF ZOOLOGY)**

Book, approximately annual, Cr. \$200 [U.S. \$16.]; V. 1 1950/55-

Published by: Instituto Brasileiro de Informacao em Ciencia e Tecnologia (IBICT), Av., General Justo 171 — 4o andar— 20021 — Rio de Janeiro, RJ, Brasil. *Issuing organization:* same as publisher. *Associated library:* Biblioteca do IBICT, Av., General Justo 171 — terreo — 20021 — Rio de Janeiro, RJ, Brasil.

Subject coverage: zoology.

Output: 6033 cited titles through 1977 (853 cited titles in 1977). Arranged by number. *Format:* full bibliographic citations plus keywords and subject headings. Titles in original language. *Geographic coverage:* Brazil.

Input: regularly scans 37 journals. List of publications regularly scanned available for examination. Mostly Portuguese. *Sources (percent):* journal articles (60), monographs (30), conference papers (10).

Indexes: *Author:* annual. *Subject:* KWIC, annual (about 5 terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: full-size copies, microcopies.

**23 BIBLIOGRAFIA EN CIENCIAS FORSTALES
(BIBLIOGRAPHY ON FOREST SCIENCES)**

BCF

Book, irregular, Argentine \$240.000.-, U.S. \$200. [Arg. \$264.000.—, U.S. \$220.]; card service, price and frequency not given; 1978?-

Published by: Centro de Informacion Bioagropecuaria y Forestal, Direccion de Bibliotecas, Universidad Nacional de Nordeste, Av. Las Heras 727, 3.500 Resistencia—Chaco—Argentina. *Issuing organization:* same as publisher. *Associated library:* Instituto Forestal Nacional, Pueyrredon 2446, 1119 Buenos Aires —Argentina.

Subject coverage: forestry and forest products.

Output: (26,950 citations compiled, 16,400 printed in 1978). Arranged by subject, author. *Format:* full bibliographic citations plus keywords, source and subject headings. Titles in original language. *Geographic coverage:* worldwide.

Input: regularly receives input from 11 participating centers. Mostly Spanish and English. *Sources (percent):* monographs (20), government documents and reports (5), conference papers (5), secondary sources (70).

Indexes: *Author:* annual; *Subject:* KWIC, annual, (controlled vocabulary, available for examination).

Data handling: manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, library loans, Translation services: from English into Spanish, from German into Spanish.

**24 BIBLIOGRAPHIE DER PFLANZENSCHUTZ-LITERATUR, NEUE FOLGE
(BIBLIOGRAPHY OF PLANT PROTECTION LITERATURE, NEW SERIES)**

Journal, every 4 months, DM. 220 [DM.220]; (original series, 1921-1967) 1968-

Published by: Paul Parey, Zindenstr. 44-47, D1000 Berlin 61, Federal Republic of Germany. *Issuing organization:* Dokumentationsschwerpunkt, Pflanzenkrankheiten und Pflanzenschutz der Biologischen Bundesanstalt für Land und Forstwirtschaft, 1 Berlin 33 Dahlem, Königin-Luise-Strasse 19, Federal Republic of Germany. *Associated libraries:* Bibliothek der Biologischen Bundesanstalt für Land und Forstwirtschaft, Königin-Luise-Strasse 19, 1000 Berlin 33, Germany; and Dokumentationsschwerpunkt, Pflanzenkrankheiten und Pflanzenschutz der Biologischen Bundesanstalt für Land- und Forstwirtschaft, 1 Berlin 33 Dahlem, Königin-Luise-Strasse 19, Federal Republic of Germany.

Subject coverage: plant pathology and plant protection, including pesticides and breeding for resistance.

Output: 176,000 citations through 1977 (16,000 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus subject headings. Titles in original language and German or English or French. *Geographic coverage:* worldwide.

Input: regularly scans 1500 journals. Almost all languages included. *Sources (percent):* journal articles (80), monographs (5), government documents and reports (2), conference papers (10), other (3).

Indexes: *Author:* every 4 months, with annual cumulations. *Subject:* every 4 months, with annual cumulations (about 8 terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: retrospective retrieval searches, full-size copies, library loans.

- 25 BIBLIOGRAPHY OF IRRIGATION, DRAINAGE, RIVER TRAINING AND FLOOD CONTROL (BIBLIOGRAPHIE RELATIF AUX IRRIGATIONS, AU DRAINAGE, A LA REGULARISATION DES COURS D'EAU ET LA MAITRISE DES CRUES)** **ICID BIBLIOGRAPHY**
 Book, annual, \$2.50 [\$2.50]; 1954/ 56-
Published by: Secretary-General, International Commission on Irrigation and Drainage (ICID), 48 Nyaya Marg, Chanakyapuri, New Dehli 110021, India. *Issuing organization:* same as publisher.
Subject coverage: irrigation, drainage, river training and flood control.
Output: (2069 abstracts in 1977). Arranged by ODC classification. *Format:* full bibliographic citations plus some digests, keywords, subject headings, and ODC classification. Titles translated into English, except French titles. Digests in English. *Geographic coverage:* ICID member countries (almost worldwide).
Input: regularly scans 200 journals, 20 secondary sources. List of publications regularly scanned published at end of bibliography. Almost all languages included. *Sources (percent):* Journal articles (70), monographs (11), government documents and reports (4), conference papers (10), secondary sources (5).
Indexes: *Author:* annual. *Subject:* KWOC, annual (two or three terms per citation, controlled vocabulary, available for examination).
Data handling: manual.
- 26 BIBLIOGRAPHY OF SYSTEMATIC MYCOLOGY**
 Journal, semiannual, £4.50 in Commonwealth [\$8 for non-Commonwealth countries]; 1947-
Published by: Commonwealth Agricultural Bureaux, Farnham House, Farnham Royal, Slough SL2 3BN, England. *Issuing organization:* Commonwealth Mycological Institute, Ferry Lane, Kew, Surrey TW9 3AF, England. *Associated library:* Library, Commonwealth Mycological Institute, Ferry Lane, Kew, Surrey, TW9 3AF, England.
Subject coverage: mycology.
Output: 26,240 citations through 1977 (1256 citations printed in 1977). Arranged by country and systematic group with cross-references. *Format:* bibliographic citations plus price (for books) and geographic cross-references (newly published taxa when appropriate). Titles in English for transliterated and East European citations; otherwise in original language). *Geographic coverage:* worldwide.
Input: regularly scans 1472 journals, six secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (85), monographs (5), government documents and reports (5), conference papers (5).
Indexes: *Author:* semiannual, with 5-year cumulations. *Subject:* semiannual, with 5-year cumulations.
Data handling: manual.
Additional services: full-size copies, library loans.
- 27 BILIMSEL VE TEKNİK YAYINLAR AYLIK DUYURU BULTENİ (CURRENT TITLES IN TURKISH SCIENCE)**
 Journal, monthly, free; 1976-
Previously published as: TEMEL VE UYGULAMALI BİLİMLER AYLIK BIBLIYOGRAFYA DUYURUSU (1974-75); KEY TO TURKISH SCIENCE (1968-71). *Contents overlap with:* CURRENT TITLES IN TURKISH SCIENCE, the English version of BILIMSEL VE TEKNİK ...
Published by: TUBITAK-TURDOK, Atatürk Bulvarı no. 221, Kavaklıdere, Ankara, Turkey. *Issuing organization:* same as publisher. *Associated library:* Türkiye Bilimsel ve Teknik Dokümantasyon Merkezi (TUR-DOK), Turkish Scientific and Technical Documentation Center, Atatürk Bulvarı no. 221, Kavaklıdere, Ankara, Turkey.
Subject coverage: science in Turkey, or science related to Turkey.
Output: (110 cited titles related to forestry and forest products in 1977). Arranged by subject. *Format:* full bibliographic citations plus keywords. Titles in original language and Turkish. *Geographic coverage:* Turkey.
Input: regularly scans 350 primary sources. Turkish, German, English and French. *Sources (percent):* journal articles (85), monographs (5), government documents and reports (5), conference papers (5).
Indexes: *Author:* annual. *Subject:* annual (about three terms per citation).
Data handling: manual.
Additional services: retrospective retrieval searches, full-size copies.
- 28 BILTEN DOKUMENTACIJE-(SERIJA D41-INDUSTRIJA TEKSTILA I PAPIRA (BULLETIN OF DOCUMENTATION-SERIES D4-TEXTILE AND PAPER INDUSTRY))**
 Journal, monthly, 3,850.-din., \$385. [\$385.]; card service, irregular, price not given; microforms, irregular, price not given; 1951-

Published by: Jugoslovenski Centar za Technicku i Naucnu Dokumentaciju, 11,000 Beograd, S1. Penezica-Krcuna br. 29-31, P. Box 724, Yugoslavia. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: pulp and paper.

Output: 11,000 citations through 1977 (430 abstracts printed, of 500 citations compiled in 1977). Arranged by subject, keywords and UDC system. *Format:* bibliographic citations plus abstracts, keywords, and UDC. Titles in original language and Serbo-Croatian. Abstracts in Serbo-Croatian. *Geographic coverage:* Europe and North America.

Input: regularly scans 25 journals. English, French, German, Russian, Romanian, Hungarian, Polish and Czechoslovakian. *Sources (percent):* journal articles (95 to 98), secondary sources (2 to 5).

Indexes: *Subject:* UDC, monthly (about 5 terms per citation).

Data handling: manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies. Translation services: from English, French, German, Russian, Romanian, Hungarian, Polish and Czechoslovakian into Serbo-Croatian.

**29 BILTEN DOKUMENTACIJE-[SERIJA A 3]-
SUMARSTVO I DRVNA INDUSTRIJA
(BULLETIN OF DOCUMENTATION-SERIES A 3-
FORESTRY AND WOOD INDUSTRY)**

Journal, monthly, 3,850 Dinars, \$385 [\$385.]; card service, price and frequency not given; microforms, price and frequency not given; 1952-

Published by: Jugoslovenski centar za technicku i naucnu dokumentaciju, 11000 BEOGRAD, Slobodana Penezica-Krcuna 29-31; POB 724, Yugoslavia. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forestry and forest products.

Output: (1760 abstracts printed, 2000 citations compiled in 1977). Arranged by UDC *Format:* full bibliographic citations plus abstracts and keywords. Titles in original language and Serbo-Croatian. *Geographic coverage:* Europe and North America.

Input: regularly scans 50 to 60 journals. English, French, German, Russian, Italian, Serbo-Croatian, Czechoslovakian, and Bulgarian. *Sources (percent):* journal articles (95), secondary sources (5).

Data handling: manual.

Additional services: retrospective retrieval searches, full-size copies, microcopies. Translation services: from Serbo-Croatian into English, French, German, Russian, Italian, Czechoslovakian, Bulgarian, Hungarian and Polish; from English, French, German, Russian, Italian, Czechoslovakian, Bulgarian, Hungarian and Polish into Serbo-Croatian.

30 BIODETERIORATION RESEARCH TITLES

B.R.T.

Journal, every 3 months, £18. [\$37.80.]; microfiche, every 3 months, £18. [\$37.80.]; 1972-

Previously published as: INTERNATIONAL BIODETERIORATION BULLETIN-REFERENCE INDEX SUPPLEMENT (IBBRIS) (1967-71). *Contents cumulate into:* WASTE MATERIALS BIODEGRADATION RESEARCH TITLES.

Published by: Biodeterioration Centre, St. Peter's College, University of Aston, College Road, Saltley, Birmingham B8 3TE, England. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: deterioration of biological materials, preservation of wood.

Output: (1800 cited titles in 1977). Arranged by subject. *Format:* bibliographic citations plus price. Titles in English. *Geographic coverage:* worldwide.

Input: Mostly English.

Indexes: *Subject:* own classification system, annual cumulations (controlled vocabulary, available for examination).

Data handling: computerized and manual.

Additional services: retrospective retrieval searches, full-size copies, research and advisory services, and specialized bibliographies. (SDI will soon be available).

31 BIOLOGICAL ABSTRACTS

BA

Journal, 24 issues per year, \$1360., \$1225. to educational institutions [\$1500., \$1350. to educational institutions.] (does not include price on the two sets of cumulative indexes per year, which cost: \$545., \$485 to educational

institutions. [\$610., \$550. to educational institutions.]; magnetic tapes (BAT), contact BIOSIS for price; 1926-
Contents cumulate into: BIOSIS PREVIEWS (60 percent of its content) and BIOLOGICAL ABSTRACTS ON TAPE [BAT] (100 percent). *Contents overlap with:* ABSTRACTS OF ENTOMOLOGY, ABSTRACTS OF MYCOLOGY, ABSTRACTS ON HEALTH EFFECTS OF ENVIRONMENTAL POLLUTANTS (HEEP), and the 14 titles in the BIORESEARCH TODAY series.

Published by: Biosciences Information Service (BIOSIS), 2100 Arch Street, Philadelphia, Pa. 19103, U.S.A.
Issuing organization: same as publisher.

Subject coverage: all aspects of biological sciences, including forestry.

Output: more than three million abstracts through 1977 (155,012 abstracts in 1977 [2450 abstracts on forestry]). Arranged by subject. *Format:* full bibliographic citations plus abstracts, authors' addresses and ISBN. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 8000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles plus government documents and reports (94), monographs (1), conference papers (5).

Indexes: *Author:* each issue (24 per year), with semiannual cumulations. *Subject:* title words in context, preceded or followed, or both, by other keywords not in context, permuted format, each issue (24 per year), with semiannual cumulations (about 19 terms per citation). *Taxonomic:* Generic Index (genus and species); Biosystematic Index (above genus level). *Other:* Concept Index (more than 500 broad subject headings in biology).

Data handling: computerized.

32 *BIOLOGICAL ABSTRACTS/RRM (REPORTS, REVIEWS, MEETINGS)

Journal, monthly, \$725., \$650 to education institutions [\$800, \$720 to educational institutions outside U.S.A.]; 1980-

Previously published as: BIORESEARCH TITLES (1965-66); BIORESEARCH INDEX (1967-1979). *Contents cumulate into:* BIOSIS PREVIEWS. *Contents overlap with:* ABSTRACTS OF ENTOMOLOGY, ABSTRACTS OF MYCOLOGY, and ABSTRACTS ON HEALTH EFFECTS OF ENVIRONMENTAL POLLUTANTS (HEEP).

Published by: Biosciences Information Service, 2100 Arch Street, Philadelphia, Pa. 19103, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: biology in general.

Output: more than one million citations through 1977 (125,000 content summaries anticipated for 1980). Arranged by subject categories. *Format:* content summaries (bibliographic citations plus keywords, subject headings, subject concepts, taxonomic descriptors, authors' addresses and ISBN). Titles in English. *Geographic coverage:* worldwide.

Input: books, book chapters, technical reports, annual reports, nomenclature rules, review journals, bibliographies, conference abstracts, symposia papers, workshops and colloquia. Almost all languages included. *Sources (percent):* reports (25), reviews (15), meetings (60).

Indexes: *Author:* monthly. *Subject:* monthly. *Taxonomic:* Generic Index (genus and species), Biosystematic Index (above genus level). *Other:* Concept Index (more than 500 broad subject headings in biology).

Data handling: computerized.

33 BIORESEARCH TODAY-PESTICIDES

Journal, monthly, \$60. [\$60.]; 1972-

Contents cumulate into: BIOSIS PREVIEWS, BIOLOGICAL ABSTRACTS and BIOLOGICAL ABSTRACTS ON TAPE.

Published by: Biosciences Information Service (BIOSIS), 2100 Arch Street, Philadelphia, Pa., 19103, U.S.A.
Issuing organization: same as publisher.

Subject coverage: pesticides.

Output: (about 1800 abstracts in 1977). Arranged by BIOLOGICAL ABSTRACTS reference number. *Format:* full bibliographic citations plus abstracts and authors' addresses. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 8000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles plus government documents and reports (94), monographs (1), conference papers (5).

Data handling: computerized.

34 BIOSIS PREVIEWS

Magnetic tapes, 3 times per month, lease agreement—basic fee is \$3750, plus additional usage charges; 1975-
Previously published as: BA PREVIEWS (1969-1975). *Contents overlap with:* BIOLOGICAL ABSTRACTS and BIOLOGICAL ABSTRACTS/ RRM (together, these constitute BIOSIS PREVIEWS).
Published by: Biosciences Information Service (BIOSIS), 2100 Arch Street, Philadelphia, Pa. 19103, U.S.A.
Issuing organization: same as publisher.
Subject coverage: biology in general.
Output: 2,130,000 citations for 1969-1977 (260,148 citations compiled in 1977 [3771 on forestry]). Arranged by numeric system for computer (output is tailored by search strategy). *Format:* full bibliographic citations plus keywords, authors' addresses, CODEN and ISBN. Titles in English. *Geographic coverage:* worldwide.
Input: regularly scans more than 8000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles plus government documents and reports (94), monographs (1), conference papers (5).
Indexes: keywords, author names, concept codes and biosystematic (taxonomic) codes are all searchable (about 19 terms per citation).
Data handling: computerized.
Additional services: SDI, retrospective retrieval searches, standard profiles (28 different profiles).

35 *BOLETIM BIBLIOGRAFICO—CELULOSE NIPO-BRASILEIRA S.A.

Bulletin; price and frequency not given.
Published by: Celulose Nipo-Brasileira S.A., Central de Informacoes Tecnicas, Av. Amazonas 491—10o andar, 30.000—Belo Horizonte, MG, Brazil. *Issuing organization:* same as publisher. *Associated library:* same as publisher.
Subject coverage: cellulose and other forest products.

36 BOLETIN BIBLIOGRAFICO—BIBLIOGRAPHICAL BULLETIN, INSTITUTO LATINO-AMERICANO DE INVESTIGACION Y CAPACITACION (EDICION CASTELLANA E INGLESA)

Journal, irregularly, free on request (also included as part of subscription to Boletin Tecnico de IFLAIC); 1976?-
Previously published as: NO. 1: BOLETIN BIBLIOGRAFICO DEL INSTITUTO FORESTAL LATINO-AMERICANO DE INVESTIGACION Y CAPACITACION; NO. 2-35: BOLETIN BIBLIOGRAFICO EDITADO POR EL INSTITUTO FORESTAL LATINO-AMERICANO (1963-1975).
Published by: Director, Instituto Forestal Latino-Americano de Investigacion y Capacitacion, Apartado 36, Merida, Venezuela. (Cables: IFLAIC—Merida, Tel. 074-22709). *Issuing organization:* same -as publisher. *Associated libraries:* Biblioteca de la Facultad de Ciencias Forestales (and other libraries), La Universidad de Los Andes, Merida, Venezuela; Biblioteca del Laboratorio Nacional de Productos Forestales, Merida, Venezuela.
Subject coverage: forestry and forest products.
Output: 120,000 citations through 1977 (417 abstracts printed of 7320 citations compiled in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, digests, subject headings, source, price, and authors' addresses. Titles in original language, Spanish, and English. Abstracts in Spanish and about half also in English. *Geographic coverage:* principally Latin America.
Input: regularly scans 170 journals, seven secondary sources. English, Portuguese, French, German, Italian, and Dutch. *Sources (percent):* journal articles (35), monographs (5), government documents and reports (5), conference papers (5), secondary sources (50).
Indexes: *Author:* each issue. *Subject:* each issue. *Taxonomic:* each issue. Cumulative indexes for each 5 years are planned.
Data handling: manual.
Additional services: SDI, retrospective retrieval searches, reference service, full-size copies. Translation services: from Spanish into English, French, German and Dutch, and from English, French, German, and Dutch into Spanish.

37 BOLETIN BIBLIOGRAFICO Y DOCUMENTAL, Escuela Tecnica Superior de Ingenieros de Montes (Bibliographic and Documentation Bulletin, Senior Technical School of Forest Engineers)

Journal, every 3 months, 600 pts. [750 pts., \$12.]; 1968-

**Bol. Bib. Doc.
ETSIM**

Published by: Biblioteca, Escuela Tecnica Superior de Ingenieros de Montes, Ciudad Universitaria, Madrid-3, Espana (Rosario Martin-Montalvo, ed.). *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forestry and forest products.

Output: 11,415 citations through 1977 (569 abstracts, 567 cited titles printed in 1977, 1814 citations compiled in 1977). Arranged by subject, author, and titles of journals scanned. *Format:* full bibliographic citations plus source, ISBN, and UDC. Titles in original language. *Geographic coverage:* principally Spain, with some coverage of Europe, parts of Latin America, Canada, United States, and other countries.

Input: regularly scans 72 journals. List of publications regularly scanned available for examination. Spanish, French, English, Italian, German. *Sources (percent):* journal articles (45), monographs (45), secondary sources (6), other (4).

Indexes: *Subject:* UDC-ODC, every 3 months.

Data handling: manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, library loans.

**38 *BULETIN DE INFORMARE-SERIE: SILV.-IND. LEMNULUI
(INFORMATION BULLETIN-SERIES: SILVICULTURE
AND WOODWORKING INDUSTRIES)**

Bulletin: price and frequency not given.

Published by: Universitatea din Brasov, Biblioteca Centrala, 2200 Brasov, Romania. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: silviculture and woodworking industries.

**39 BULLETIN BIBLIOGRAPHIQUE
(BIBLIOGRAPHICAL BULLETIN)**

B.B.

Journal, 5 issues per year, 48 FF [53 FF]; 1950-

Published by: Centre Technique du Bois, 10 avenue de Saint Mande, 75012 Paris, France. *Issuing organization:* same as publisher. *Associated library:* Bibliotheque, CTB, 10 avenue de Saint Mande, 75012 Paris, France.

Subject coverage: forest products.

Output: (800 abstracts printed, 850 citations compiled in 1977). Arranged by subject according to CTB's own decimal classification scheme. *Format:* full bibliographic citations plus abstracts and ISSN. Titles in original language and French. Abstracts in French. *Geographic coverage:* worldwide.

Input: regularly scans 200 journals, four secondary sources. List of journals regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (80), monographs (5), government documents and reports (2), conference papers (1), secondary sources (2), other (10).

Data handling: manual.

Additional services: bibliographical searches, full-size copies.

**40 *BULLETIN SIGNALETIQUE 370: BIOLOGIE ET
PHYSIOLOGIE VEGETALES**

Journal, monthly, contact CNRS for price; magnetic tapes, monthly, contact CNRS for price; 1961-

Contents cumulate into: PASCAL (Programme Applique a la Selection et a la Compilation Automatique de la Literature).

Published by: Centre de Documentation, Centre National de la Recherche Scientifique, 26, rue Boyer, 75971 Paris CEDEX, France. *Issuing organization:* Same as publisher. *Associated library:* same as publisher.

Subject coverage: biology and physiology of plants.

Output: arranged by subject categories. *Format:* full bibliographic citations plus digests, first author's affiliation, and language(s) of item and any summaries. Titles in original language and French. Digests in French. *Geographic coverage:* worldwide.

Input: regularly scans 9000 journals. Almost all languages included.

Indexes: *Author:* monthly, with annual cumulations. *Subject:* KWOC, monthly, with annual cumulations (controlled vocabulary, available for examination). *Geographic:* monthly, with annual cumulations. *Taxonomic:* monthly, with annual cumulations.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches.

41 CA CONDENSATES

CACon

Magnetic tapes, biweekly, \$4000, plus quarterly-use fees and handling charges; 1967-

Contents cumulate into: CHEMICAL ABSTRACTS.

Published by: Chemical Abstracts Service (A Division of the American Chemical Society), P.O. Box 3012, Columbus, Ohio, 43210, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: all fields of chemistry.

Output: 3,131,800 cited titles through 1977 (409,841 cited titles printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus keywords, source, price, authors' addresses, CODEN, and ISSN. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans 12,000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (11), government documents and reports (4), conference papers (5), patents (10).

Indexes: *Author:* bimonthly. *Subject:* bimonthly.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches.

42 CANADA WATER

CWA

Magnetic tapes, monthly, available at a nominal cost for on-line searching in North America through QL Systems Limited (contact WATDOC for further information); 1977

Previously published as: ENVIRONMENT (1972-77).

Published by: WATDOC (Water Resources Document Reference Centre), Inland Waters Directorate, Fisheries and Environment Canada, Ottawa, Ontario, Canada K1A 0E7. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: water resources and water management in Canada.

Output: 27,700 citations through 1977 (4375 citations in 1977). Arrangement determined by search strategy for terminal display. *Format:* full bibliographic citations plus abstracts, keywords, authors' addresses, CODEN and water research category codes. Titles in English. Abstracts in English. *Geographic coverage:* Canada.

Input: regularly scans 200 journals. List of journals regularly scanned available for examination. English. *Sources (percent):* journal articles (26), monographs (6), government documents and reports (58), conference papers (10).

Indexes: *Subject:* full text retrieval on-line by keywords, descriptors, or any word in the citation or abstract (controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: retrospective retrieval searches, irregular newsletter.

43 CHEMICAL ABSTRACTS

CA

Journal, weekly, \$4200 [\$4200 plus postage]; microfiche⁶, weekly, \$3150 plus annual license to copy fee; microfilm⁶, 12 to 14 per year, \$2500 plus annual license to copy fee; 1907-

Published by: Chemical Abstracts Service (A Division of the American Chemical Society), P.O. Box 3012, Columbus, Ohio 43210, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: chemistry.

Output: 7,759,931 citations through 1977 (410,137 abstracts printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, authors' addresses, and CODEN. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 12,000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (11), government documents and reports (4), conference papers (5), patents (10).

Indexes: *Author:* weekly, with semiannual and 5-year cumulations. *Subject:* semiannual and 5-year cumulations (about 11 terms per citation, controlled vocabulary, available for examination). A noncumulated keyword index is published every week. *Other:* molecular formula index, patent index, patent concordance index, index of ring systems.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, Chemical Abstracts Service Source Index (for use in identifying journal titles and libraries holding them).

44 CHEMICAL TITLES

CT

Journal, biweekly, \$120 [\$135.]; magnetic tape, biweekly, \$1300, plus quarterly use fees and handling charges; 1961-

⁶Both the microfiche version (CA Chemissues) and the microfilm version (Chemical Abstracts on Microfilm) start the subscription with a complete backfile from 1907 to the present. Annual price for the updates drops after the first year: microfiche—\$2400 plus fee; microfilm—\$1750 plus fee. No indexes are included. They may be purchased separately, either in microfilm or printed.

Published by: Chemical Abstracts Service (A Division of the American Chemical Society), P.O. Box 3012, Columbus, Ohio 43210, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: chemistry.

Output: 1,995,219 cited titles through 1977 (152,357 cited titles printed in 1977). Arranged by titles of primary journals scanned. *Format:* full bibliographic citations plus keywords, CODEN, ISSN, and CODEN CAS Issue Identification. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans 700 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (100).

Indexes: *Author:* biweekly, *Subject:* KWIC, biweekly, (about five terms per citation).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, CASSI.

45 CHEMICAL-BIOLOGICAL ACTIVITIES

CBAC

Magnetic tape, biweekly, \$2900, plus quarterly use charges and handling charge; 1965-

Contents cumulate into: CHEMICAL ABSTRACTS, sections 1 to 5, 62 to 64.

Published by: Chemical Abstracts Service (A Division of the American Chemical Society), P.O. Box 3012, Columbus, Ohio, 43210, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: biochemistry, pharmacology and pharmaceuticals, essential oils and cosmetics, toxicology, and agrochemicals.

Output: 338,813 citations through 1977 (47,430 abstracts printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, authors' addresses, and CODEN. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 12,000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (11), government documents and reports (4), conference papers (5), patents (10).

Indexes: *Author:* biweekly. *Subject:* biweekly (about 11 terms per citation, controlled vocabulary, available for examination. *Other:* molecular formula index, patent index, registry number index.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches.

46 CIMFORDITASOK KULFOLDI SZAKFOLYOIRATOKBOL

CIMFORDITASOK

(Title Translations from Foreign Periodical Publications)

Journal, monthly; price not given; 1968-

Published by: Erdeszeti es Faipari Egyetem, Kozponti Konyvtara, Sopron, Pf. 132, Hungary, H-9401. *Issuing organization:* same as publisher.

Subject coverage: forestry and forest products.

Output: (7000 citations compiled, 6566 cited titles printed in 1977). Arranged by titles of primary journals. *Format:* bibliographic citations. Titles in original language and Hungarian. *Geographic coverage:* worldwide.

Input: List of publications regularly scanned available for examination. European languages only. *Sources (percent):* journal articles (100).

Indexes: *Subject:* monthly (controlled vocabulary, available for examination).

Data handling: manual.

Additional services: SDI, full-size copies, library loans.

47 COMPREHENSIVE DISSERTATION INDEX

CDI

Magnetic tapes (searchable through BRS, SDC, and Lockheed), monthly, price determined by vendor and size of search; 1973-

Contents overlap with: DISSERTATION ABSTRACTS INTERNATIONAL, MASTERS ABSTRACTS, and AMERICAN DOCTORAL DISSERTATIONS.

Published by: University Microfilms International, 300 N. Zeeb Rd., Ann Arbor, Mich. 48106, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: all academic subjects, including forestry, forest products, and related fields.

Output: 660,000 citations through 1978 (39,000 citations in 1977). Searchable by keywords, authors or schools, and can be limited to certain years. *Format:* full bibliographic citations plus keywords and subject headings. Titles in original language and English. *Geographic coverage:* worldwide.

Input: 99.5 percent English, remainder in other languages. *Sources (percent):* dissertations and theses (100).

Indexes: *Author:* monthly. *Subject:* monthly (about 1.1 terms per citation).

Data handling: computerized.

Additional services: Datrix II, in-house, batch mode search, xerographic, microfilm and microfiche copies of dissertations and theses.

48 CONFERENCE PAPERS INDEX

CPI

Journal, monthly, \$270. [\$270.]; magnetic tapes, monthly, contact Data Courier for price; 1978-

Previously published as: CURRENT PROGRAMS (1973-1977).

Published by: Data Courier, Inc., 620 South Fifth Street, Louisville, Ky. 40202, U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: life and physical sciences, medicine, and engineering.

Output: about 500,000 citations through 1977 (116,050 cited titles in 1977). Arranged by subject. *Format:* bibliographic citations plus subject headings, source, price, authors' addresses and World Meetings Registry Number. Titles in original language. *Geographic coverage:* worldwide.

Input: regularly scans papers of about 800 regional, national, and international meetings per year. Mostly English. *Sources (percent):* conference papers (100).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* monthly, with annual cumulations. (Pandex Thesaurus terms are matched with words in papers' titles.)

Data handling: computerized.

Additional services: on-line searching available through DIALOG, ORBIT, BRS and Information Retrieval Service (European Space Agency).

**49 CURRENT AWARENESS BULLETIN OF
EDITED REFERENCES**

CABER

Journal, bimonthly, handling charge of £5 for those outside the Forestry Commission; 1971-

Contents overlap with: FORESTRY COMMISSION LIBRARY REVIEW.

Published by: Forestry Commission Library, Alice Holt Lodge, Wrecclesham, Farnham, Surrey, GU10 4LH, England. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forestry and forest products.

Output: 6720 citations through 1977 (960 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus ODC classification numbers. Titles in original language and English. *Geographic coverage:* temperate regions, particularly Great Britain.

Input: nearly all English, with a little French, German, and Scandinavian. *Sources (percent):* journal articles (30), monographs (50), government documents and reports (5), conference papers (10), other (5).

Indexes: *Subject classification:* Oxford Decimal Classification for forestry.

Data handling: computerized and manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, library loans, (translations for FC Staff).

**50 CURRENT CONTENTS(R)/AGRICULTURE, BIOLOGY
AND ENVIRONMENTAL SCIENCES**

CC(R)/AB&ES

Journal, weekly, \$150 (\$180 for Central and South America; \$200 elsewhere); 1973-

Previously published as: CURRENT CONTENTS(R)/ AGRICULTURE, FOOD AND VETERINARY SCIENCES (1969-1972). *Contents cumulate into:* SCIENCE CITATION INDEX(R) and SCISEARCH(R).

Published by: The Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pa. 19106, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: agriculture, biology, and environmental sciences.

Output: (more than 80,000 citations in 1977). Arranged by titles of primary journals or sources scanned. *Format:* full bibliographic citations plus source, price, authors' addresses, ISSN, ISBN, and LC Card number. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 1000 journals. Almost all languages included. *Sources (percent):* journal articles (70), conference papers (30).

Indexes: *Author:* weekly. *Subject:* weekly (about five terms per citation).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies (original article tear sheet [OATSR] service).

51 CURRENT CONTENTS(R)/LIFE SCIENCES

CC(R)/LS

Journal, weekly, \$150. (\$180 in Central and South America; \$200. elsewhere); 1967-

Previously published as: CURRENT CONTENTS(R)/ PHARMACEUTICAL PUBLICATIONS (1957); CURRENT CONTENTS(R)/YOUR WEEKLY GUIDE TO THE CHEMICAL, PHARMACOMEDICAL AND LIFE SCIENCE (1958-1966). *Contents cumulate into:* SCIENCE CITATION INDEX R) and SCISEARCH(R).

Published by: The Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pa. 19106, U.S.A.
Issuing organization: same as publisher.

Subject coverage: biology, medicine, nutrition, and pharmacology.

Output: (220,000 cited titles in 1977). Arranged by subject, titles of the documents, author. *Format:* full bibliographic citations plus source, price, authors' addresses, ISSN, ISBN, and LC Card Number. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 1000 journals. Almost all languages included. *Sources (percent):* journal articles (95), conference papers (5).

Indexes: *Author:* weekly. *Subject:* weekly (about five terms per citation).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies (original article tear-sheet [OATS(R)] service).

52 "CURRENT LITERATURE" (Journal of Forestry)

Bibliography in journal, monthly, \$22. for individuals, \$25. for institutions [\$25. for individuals, \$31. for inst.]; 1945

Published by: Society of American Foresters, 5400 Grosvenor Lane, Washington, D.C. 20014, U.S.A. (M.P. Kinch, ed.). *Issuing organization:* same as publisher.

Subject coverage: forestry and forest products.

Output: 12,000 citations through 1977 (600 citations compiled, 420 cited titles printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus source and price. Titles in English. *Geographic coverage:* North America, and some other English-speaking countries.

Input: regularly scans 15 journals. English. *Sources (percent):* monographs (10), government documents and reports (80), conference papers (10).

Data handling: manual.

53 CURRENT PACKAGING ABSTRACTS

CPA

Journal, bimonthly, \$75. [in N. America \$85.]; Jan. 1973-

Previously published as: PACKAGING BULLETIN (Jan. 1969-Jan. 1973).

Published by: Packaging Library, Main Library Bldg., Room 450, University of California, Davis, Calif. 95616, U.S.A. (Carol Cooper, ed.). *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: packaging research and development.

Output: 40,000 citations through 1977 (1201 abstracts, 138 citations printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts and authors' addresses. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 200 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (100).

Data handling: manual.

Additional services: retrospective retrieval searches, full-size copies.

54 ECOLOGICAL ABSTRACTS

Journal, bimonthly, £23., \$46. [\$46.]; 1974-

Previously published as: GEOGRAPHICAL ABSTRACTS-PART B: BIOGEOGRAPHY AND CLIMATOLOGY (1966-1971); GEO ABSTRACTS -PART B: BIOGEOGRAPHY AND CLIMATOLOGY (1972-1973).

Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:* Geo Abstracts LTD, Old Station House, Trowse, Norwich NR1 2EE, England.

Subject coverage: ecology, including forest ecology.

Output: 18,167 citations through 1977. Arranged by subject. *Format:* full bibliographic citations plus abstracts, ISBN, source and price. (Titles in original language and English). Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 500 journals, 15 secondary sources. List of primary publications regularly scanned published in the index. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (90), secondary sources (10).

Indexes: *Author:* annual. *Subject:* variation on KWIC, annual (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, and manual.

Additional services: retrospective retrieval searches under development.

55 ECOLOGY AND ENVIRONMENT

Magnetic tapes, biweekly, \$2500 plus quarterly use charges and handling charge; 1975-

Contents cumulate into: CHEMICAL ABSTRACTS.

Published by: Chemical Abstracts Service (A Division of the American Chemical Society), P.O. Box 3012, Columbus, Ohio 43210, U.S.A. *Issuing organization:* same as publisher.

Subject coverage: environmental sciences as related to chemistry.

Output: 135,144 citations through 1977 (49,825 abstracts printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, authors' addresses, and CODEN. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 12,000 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (11), government documents and reports (4), conference papers (5), patents (10).

Indexes: *Author:* biweekly. *Subject:* biweekly about 11 terms per citation, controlled vocabulary, available for examination. *Other:* molecular formula index, patent index, registry numbers index.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches.

56 ENTOMOLOGY ABSTRACTS

Journal, monthly, £80 [\$225.]; 1969/1970-

Contents overlap with: APPLIED ECOLOGY ABSTRACTS.

Published by: Information Retrieval Ltd., 1 Falconberg Court, London W1V 5FG, U.K. *Issuing organization:* same as publisher.

Subject coverage: entomology.

Output: 9300 citations in 1977. Arranged by subject. *Format:* bibliographic citations plus abstracts, source available, price, authors' addresses, ISSN and ISBN. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: Regular scans 5000 journals, 5 to 10 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (90), monographs (0.5), government documents and reports (1), conference papers (5), secondary sources (0.5), other (3).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* KWIC, monthly, with annual cumulations (about six terms per citation). *Taxonomic:* combined into subject index.

Data handling: computerized and mechanical.

Additional services: a database and allied computer-produced services such as S.D. I., and others will be available in the near future.

57 ENVIRONMENT ABSTRACTS

Journal, monthly, price not given; microforms, price and frequency not given; magnetic tapes, monthly, price not given; 1974-

Previously published as: ENVIRONMENT INFORMATION ACCESS (1970-73). *Contents overlap with:* LAND USE PLANNING ABSTRACTS.

Published by: Environment Information Center (EIC), 292 Madison Ave., 3rd Floor, New York, N.Y. 10017, U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: environment and energy.

Output: (6800 abstracts, 7510 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, and source. Titles in original language. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 2500 journals, 350 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (53), monographs (5), government documents and reports (7), conference papers (35).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* KWIC, monthly, with annual cumulations (about eight terms per citation, controlled vocabulary, available for examination). *Geographic:* annual. *Source index:* frequency not given.

Data handling: computerized and manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies.

**58 EPA PUBLICATIONS BIBLIOGRAPHY,
QUARTERLY ABSTRACT BULLETIN**

Journal, quarterly, \$50 in North America (others contact NTIS); 1970

Contents cumulate into: NTIS BIBLIOGRAPHIC DATA FILE; GOVERNMENT REPORTS ANNOUNCEMENTS and INDEX. [Note: There is a retrospective cumulation EPA CUMULATIVE BIBLIOGRAPHY, 1970-1976.]

Published by: National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Rd., Springfield, Va. 22161, U.S.A. *Sponsoring organization:* Library Systems Branch, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460, U.S.A. *Associated library:* same as publisher.

Subject coverage: environmental protection and management.

Output: (2100 abstracts in 1977). Arranged by NTIS accession number. *Format:* full bibliographic citations plus abstracts, descriptors, identifiers, source, price, geographic descriptors, NTIS order number, and sponsoring organization. Titles in English. Abstracts in English. *Geographic coverage:* principally United States.

Input: Government-sponsored research reports that are publicly available and generated by EPA authors or funding. English. *Sources (percent):* government documents and reports (100). (Some of these are in the form of dissertations, patents, conference papers, or other.)

Indexes: *Author:* quarterly, with an annual cumulation in the fourth quarterly issue. *Subject:* quarterly, with an annual cumulation in the fourth quarterly issue (about 10 terms per citation, controlled vocabulary, available for examination). *Title:* quarterly, with an annual cumulation in the fourth quarterly issue. *Corporate author:* quarterly, with an annual cumulation in the fourth quarterly issue. *Sponsoring EPA office:* quarterly, with an annual cumulation in the 4th quarterly issue. *Contract number:* quarterly, with an annual cumulation in the fourth quarterly issue. *Accession or report number:* quarterly, with an annual cumulation in the fourth quarterly issue.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, print products (such as special bibliographies), full-size copies, microcopies.

59 EXCERPTA MEDICA—SECTION 46

EMBASE section 46

(ENVIRONMENTAL HEALTH AND POLLUTION CONTROL)

Journal, 20 times per year, Dfl. 536; magnetic tapes, weekly, price negotiable; 1971-

Published by: Excerpta Medica, P.O. Box 1126, 1000 BC Amsterdam, The Netherlands. *Issuing organization:* same as publisher.

Subject coverage: environmental health and pollution.

Output: 38,000 citations through 1977 (5400 citations compiled; 4647 abstracts, 5278 cited titles printed in 1977). Arranged by subject (in journal) and date of citation input (on magnetic tape). *Format:* full bibliographic citations plus abstracts, keywords, subject headings, price, authors' addresses, CODEN, ISBN, codes for languages and for country of authors. Titles in English, and in original language if French, German, Italian, Portuguese or Spanish. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 10,000 journals. Partial list of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (90), monographs (3), government documents and reports (3), conference papers (4).

Indexes: *Author:* every 21/2 weeks, with semiannual cumulations. *Subject:* modified rotated chain index (key words followed by all other key words), every 21/2 weeks, with semiannual cumulations (about six terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies, translations from any language into any language.

60 FAO DOCUMENTATION CURRENT BIBLIOGRAPHY

FAO DOC

Journal, monthly, free on request; microfiche, annual, \$10. [\$10.]; 1967-

Contents cumulate into: AGRIS.

Published by: Food and Agriculture Organization of the United Nations, Via Delle Terme di Caracalla, Rome, Italy. *Issuing organization:* same as publisher. *Associated library:* David Lubin Memorial Library, Food and Agriculture Organization, Via Delle Terme di Caracalla, Rome, Italy.

Subject coverage: food and agriculture.

Output: 54,117 citations through 1977 (3223 abstracts in 1977). Arranged by Technical Divisions of FAO originating the documents. *Format:* full bibliographic citations plus abstracts, keywords, source, and ISBN. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 15 journals. English, French and Spanish. *Sources (percent):* journal articles (5), monographs (10), government documents and reports (25), conference papers (60). (Publications produced by FAO.)

Indexes: *Author:* monthly, cumulated each successive year up to 4 years. *Subject:* KWOC, monthly, cumulated each successive year up to 4 years (about eight terms per citation, controlled vocabulary, available for examination). *Geographic:* published monthly and incorporated in Subject Index. *Other indexes:* by originating divisions, by FAO Field Project codes.

Data handling: computerized.

Additional services: retrospective retrieval searches, full-size copies, microcopies.

61 FERTILIZER ABSTRACTS

Fert. Abstr.

Journal, monthly, \$30. [\$45.]; 1968-

Published by: Tennessee Valley Authority, Fertilizer Abstracts Service, National Fertilizer Development Center, A218, Muscle Shoals, Ala. 35660 U.S.A. *Issuing organization:* same as publisher. *Associated library:* Tennessee Valley Authority, Technical Library, National Fertilizer Development Center, Muscle Shoals, Ala. 35660 U.S.A.

Subject coverage: fertilizers, including forest fertilization.

Output: 22,000 citations through 1977 (2841 abstracts, 300 citations printed in 1977). Arranged by subject. *Format:* full bibliographic citations, plus price. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 400 journals, 20 secondary sources. List of publications regularly scanned available for examination. English. *Sources (percent):* journal articles (60), monographs (5), government documents and reports (1), conference papers (6), patents (5), secondary sources (20), other (3).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* monthly, with annual cumulations (about two terms per citation).

Data handling: manual.

Additional services: assistance in locating original copies.

62 FISH AND WILDLIFE REFERENCE SERVICE NEWSLETTER

FWRS

Newsletter, quarterly, free; 1974-

Previously published as: NEWSLETTER, LIBRARY REFERENCE SERVICE (1967-1974). *Contents cumulate into:* INDEXES OF STATE RESEARCH database.

Published by: Denver Public Library, 3840 York Street, Unit I, Denver, Colo. 80205, U.S.A. *Issuing organization:* Fish and Wildlife Reference Service, Denver Public Library, 3840 York Street, Unit I, Denver, Colo. 80205 U.S.A. *Associated library:* same as issuing organization.

Subject coverage: sports fisheries and game management, and endangered species.

Output: 12,500 citations in computer database, plus another 30,000 citations on file through 1977 (60 abstracts, 180 cited titles printed, 800 citations compiled in 1977). Arranged by subject category. *Format:* full bibliographic citations plus abstracts (for 25 percent of items). Computer database also has subject and geographic descriptors. Titles in English. Abstracts in English. *Geographic coverage:* U.S.A.

Input: regularly inputs publications of regional U.S. Fish and Wildlife Service offices, masters theses and doctoral dissertations funded by cooperative fish and wildlife units, some State Fish and Game Departments' reports, and endangered species recovery plans. English. *Sources (percent):* monographs, dissertations, theses (10), government documents and reports (90). (About 10 terms per citation in database, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: retrospective retrieval searches, Fish and Wildlife Thesaurus, referral, indexes of state research⁷, full-size copies, microcopies.

63 FOREST PRODUCTS ABSTRACTS

FPA

Journal, monthly, £60; microforms, monthly, £60. card service, monthly, price not given; magnetic tapes, monthly, contact CAB for pricing schedule; 1978-

⁷FWRS also has stored in its computer database an INDEX OF STATE RESEARCH for each state, with output arranged in four ways. The Index is available free to cooperators (those funded under the Federal Aid to Fish and Wildlife Restoration programs and the Anadromous Fish Conservation program) and for \$10 per computer print-out section (one for fish and one for wildlife) per state for other clients. It is also available in microfiche to other clients for \$5 per section. Each section comes with four differently-arranged listings for the citations: by FW RS accession number (MIN number), by authors, by project numbers, and by weighted-subject terms cross-referenced to the accession number listing.

Previously published as: part of FORESTRY ABSTRACTS (1939-1977). *Contents cumulate into:* CAB ABSTRACTS.

Published by: Commonwealth Agricultural Bureaux (CAB), Farnham Royal, Slough, SL2 3BN, U.K. *Issuing organization:* Commonwealth Forestry Bureau, South Parks Road, Oxford, OX1 3RD, U.K. *Associated library:* Commonwealth Forestry Bureau, South Parks Road, Oxford, OX1 3RD, U.K.

Subject coverage: forest products.

Output: 2250 abstracts, 250 cited titles in 1978. Arranged by subject. *Format:* full bibliographic citations plus abstracts, source, price, authors' addresses, ISSN, and ISBN. Titles in original language and English, occasionally French. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 1000 journals, 20 secondary sources. List of publications regularly scanned available for examination. Almost all languages are included.

Indexes: *Author:* monthly, with annual cumulations. *Subject:* annual (about five terms per citation). *Geographical:* included in subject index. *Taxonomic:* monthly, with annual cumulations.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies.

64 FORESTRY ABSTRACTS

FA

Journal, monthly, special rate for subscribers in CAB member countries (£100. in nonmember countries); magnetic tapes, monthly, price not given; Card Title Service, monthly, price not given; 1939-

Contents overlap with: CARD TITLE SERVICE, C.F.B. *Contents cumulate into:* CAB ABSTRACTS.

Published by: Commonwealth Agricultural Bureaux, Farnham Royal, Slough, SL2 3BN, U.K. *Issuing organization:* Commonwealth Forestry Bureau, South Parks Road, Oxford OX1 3RD, U.K.

Subject coverage: forestry and forest products.

Output: 190,000 citations through 1977 (7004 citations printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, source and price, ISSN, and ISBN. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 1200 journals, 20 secondary sources. List of publications regularly scanned available for examination. Almost all languages included.

Indexes: *Author:* monthly, with annual cumulations. *Subject:* annual (four or five terms per citation, controlled vocabulary, available for examination.) *Taxonomic:* monthly, with annual cumulations.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, annotated bibliographies, full-size copies.

65 FORESTRY COMMISSION LIBRARY REVIEW

Journal, every 4 months, free; 1965-

Contents cumulate into: CABER: Current Awareness Bulletin of Edited References.

Published by: Alice Holt Lodge, Forest Research Station, Wrecclesham, Farnham, Surrey GU 10 4LH, England. *Issuing organization:* same as publisher. *Associated library:* The Library, Alice Holt Lodge, Forest Research Station, Wrecclesham, Farnham, Surrey GU 10 4LH, England.

Subject coverage: forestry and some forest products.

Output: 320 citations printed of 960 citations compiled in 1977. Arranged by document type. *Format:* full bibliographic citation plus O.D.C. Titles in original language and English. *Geographic coverage:* temperate region, particularly Great Britain. English, with some exceptions. *Sources (percent):* journal articles (15), monographs (60), government documents and reports (10), conference papers (10), other (5).

Data handling: computerized and manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, library loans.

66 FORESTRY THESES ACCEPTED BY COLLEGES AND UNIVERSITIES IN THE UNITED STATES

Booklet, every 3 years⁸, \$3.00; 1953-

Published by: Oregon State University Press, 101 Waldo, Corvallis, Oreg. 97331 U.S.A. (edited by M.P. Kinch, Kerr Library, O.S.U.). *Issuing organization:* same as publisher.

Subject coverage: forestry and forest products.

Output: 8000 citations through 1977. Arranged by university or college, then by author. *Format:* full bibliographic citations plus keywords. Titles in English. *Geographic coverage:* U.S.A.

⁸Previous editions available in cumulative form are: 1900-1952 (\$1.50); 1953-1955 (\$1.50); 1956-1966 (\$3.00); 1966-1973 (\$3.00); 1973-1976 (\$3.00).

Input: *Sources (percent):* dissertations, theses (100). English.
Indexes: *Subject:* published every issue (about two items per citation).
Data handling: manual.

- 67 **FORSKNINGS—OCH FOSOKSMEDDELANDEN** **FORSKNING OCH FORSOK**
**FRAN INSTITUTIONER PA JORDBRUKETS, TRAD-
 GARDSODLINGENS, SKOGENS M. FL. OMRADEN
 (LIST OF PUBLICATIONS OF SWEDISH RESEARCH
 INSTITUTIONS IN AGRICULTURE, HORTICULTURE, FORESTRY,
 AND RELATED FIELDS)**
 Offprint from journal⁹, annual, 10Kr.; 1962-
Previously published as: FORSKNINGS—OCH FORSOKSMEDDELANDEN. OFFENTLIGGJORDA
 RESULTAT M. M. FRAN INSTITUTIONER PA JORDBRUKETS, TRADGARDSODLINGENS,
 SKOGENS M. FL. OMRADEN (1956-1961).
Published by: Kungl. Skogs—och Lantbruksakademien, The Royal Swedish Academy of Agriculture and
 Forestry, Box 6806, S-113 86, Stockholm, Sweden. *Issuing organization:* Kungl. Skogs—och Lantbruk-
 akademien, Biblioteket (The Royal Swedish Academy of Agriculture and Forestry, Library). *Associated*
library: same as the issuing organization.
Subject coverage: forestry and forest products.
Output: 516 cited titles in 1977. Arranged by author. *Format:* bibliographic citations plus source available. Titles
 in original language and occasionally English, German, or French. *Geographic coverage:* Sweden.
Input: citations derived from the primary literature; Swedish, some English, German, and French.
Indexes: *Author:* annual. Journal abbreviation index (frequently not given).
Additional services: full-size copies, library loans, remittance to other libraries if required titles are not available
 here.
- 68 **GEO ABSTRACTS—PART A: LANDFORMS AND THE QUATERNARY**
 Journal, bimonthly, £8.80, \$17.60 [\$17.60]; 1972-
Previously published as: GEOGRAPHICAL ABSTRACTS —PART A: GEOMORPHOLOGY (1966-1971);
 GEOMORPHOLOGICAL ABSTRACTS (1960-1965).
Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:*
 Geo Abstracts LTD, Old Station House, Trowse, Norwich NR 1 2EE, England.
Subject coverage: geomorphology, including forest ecology.
Output: 29,231 citations through 1977 (2499 abstracts in 1977). Arranged by subject. *Format:* full bibliographic
 citations plus abstracts, source, price, and ISBN. Titles in original language and English. Abstracts in
 English. *Geographic coverage:* worldwide.
Input: regularly scans 725 journals, 15 secondary sources. List of publications regularly scanned available for
 examination. Almost all languages included. *Sources (percent):* journal articles, monographs, government
 documents and reports, and conference papers (80), secondary sources (20).
Indexes: *Author:* annual, with cumulations every 6 years. *Subject:* conventional alphabetical, variation on KWIC,
 annual, with cumulations every 6 years (about seven terms per citation). *Geographic:* annual.
Data handling: computerized, mechanical, manual.
Additional services: retrospective retrieval searches are being developed.
- 69 **GEO ABSTRACTS—PART B: CLIMATOLOGY AND HYDROLOGY**
 Journal, £8.80, \$17.60 [\$17.60]; 1972-
Previously published as: GEOGRAPHICAL ABSTRACTS, PART B: BIOGEOGRAPHY AND CLIMATOL-
 OGY (1966-1971).
Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:*
 Geo Abstracts LTD, Old Station House, Trowse, Norwich NRI 2EE, England.
Subject coverage: climatology and hydrology.
Output: 28,160 citations through 1977 (3020 abstracts in 1977). Arranged by subject. *Format:* full bibliographic
 citations plus abstracts, source, price, and ISBN. Titles in original language and English. Abstracts in
 English. *Geographic coverage:* worldwide.

⁹Offprint from issue 4/ 5 each year. Also, in each number of the Journal of the Royal Swedish Academy of Agriculture and Forestry, *Kungliga Skogs— och Lantbruksakademiens tidskrift*, a series of important articles in foreign periodicals (forestry) included, "Viktigare skogliga uppsatser i nyttkomna utlandska tidskrifter".

Input: regularly scans 725 journals, 15 secondary sources. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (70), secondary sources (30).

Indexes: *Author:* annual, with cumulations every 6 years. *Subject:* conventional alphabetical, variation on KWIC, annual, with cumulations every 6 years (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, manual.

Additional services: retrospective retrieval searches are being developed.

70 GEO ABSTRACTS—PART C: ECONOMIC GEOGRAPHY

Journal, bimonthly, £8.80, \$17.60 [\$17.60]; 1972

Previously published as: GEOGRAPHICAL ABSTRACTS—PART C: ECONOMIC GEOGRAPHY (1966-1971).

Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:* Geo Abstracts LTD, Old Station House, Trowse, Norwich NR1 2EE, England.

Subject coverage: economic geography.

Output: 26,187 citations through 1977 (3205 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, source, price, and ISBN. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 730 journals, 15 secondary sources. List of the publications available. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (75), secondary sources (25).

Indexes: *Author:* annual, with cumulations every 6 years. *Subject:* variation on KWIC, annual, with cumulations every 6 years (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, manual.

Additional services: retrospective retrieval searches are being developed.

71 GEO ABSTRACTS—PART D: SOCIAL AND HISTORICAL GEOGRAPHY

Journal, bimonthly, £8.80, \$17.60 [\$17.60]; 1972-

Previously published as: GEOGRAPHICAL ABSTRACTS—PART D: SOCIAL GEOGRAPHY (1966-1967); GEOGRAPHICAL ABSTRACTS—PART D: SOCIAL GEOGRAPHY AND CARTOGRAPHY (1968-1971).

Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:* Geo Abstracts LTD, Old Station House, Trowse, Norwich NR1 2EE, England.

Subject coverage: social geography, historical geography, including some forestry.

Output: 24,758 citations through 1977 (2783 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, ISBN, source, and price. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 730 journals, 15 secondary sources. List of primary publications regularly scanned published in the index. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (75), secondary sources (25).

Indexes: *Author:* annual, with cumulations every 6 years. *Subject:* variation on KWIC, annual, with cumulations every 6 years (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, and manual.

Additional services: retrospective retrieval searches are being developed.

72 GEO ABSTRACTS—PART E: SEDIMENTOLOGY

Journal, bimonthly, £8.80, \$17.60 [\$17.60]; 1972-

Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:* Geo Abstracts LTD, Old Station House, Trowse, Norwich NR1 2EE, England.

Subject coverage: sedimentology, including forest ecology.

Output: 14,235 citations through 1977 (2535 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, ISBN, source, and price. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 725 journals, 15 secondary sources. List of primary publications regularly scanned published in the index. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (75), secondary sources (25).

Indexes: *Author:* annual. *Subject:* variation on KWIC, annual (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, and manual.

Additional services: retrospective retrieval searches are being developed.

73 GEO ABSTRACTS—PART F: REGIONAL AND COMMUNITY PLANNING

Monthly, £8.80, \$17.60 [\$17.60]; 1972-

Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:* Geo Abstracts LTD, Old Station House, Trowse, Norwich NR1 2EE, England.

Subject coverage: regional planning, community planning, land use, including recreation, range, forest, and game management.

Output: 15,349 citations through 1977 (3089 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, ISBN, source, and price. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 730 journals, 15 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (70), secondary sources (30).

Indexes: *Author:* annual. *Subject:* variation on KWIC, annual (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, and manual.

Additional services: retrospective retrieval searches are being developed.

74 GEO ABSTRACTS—PART G: REMOTE SENSING AND CARTOGRAPHY

Journal, bimonthly, £8.80, \$17.60 [\$17.60]; 1974-

Published by: Geo Abstracts LTD, University of East Anglia, Norwich NR4 7TJ, England. *Issuing organization:* Geo Abstracts LTD, Old Station House, Trowse, Norwich NR1 2EE, England.

Subject coverage: remote sensing and cartography, including forestry.

Output: 9217 citations through 1977 (2346 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, ISBN, source, and price. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 725 journals, 16 secondary sources. List of primary publications regularly scanned published in the index. Almost all languages included. *Sources (percent):* journal articles, monographs, government documents and reports, and conference papers (60), secondary sources (40).

Indexes: *Author:* annual. *Subject:* variation on KWIC, annual (about seven terms per citation). *Geographic:* annual.

Data handling: computerized, mechanical, and manual.

Additional services: retrospective retrieval searches are being developed.

75 GOVERNMENT REPORTS ANNOUNCEMENTS & INDEX

GRA&I

Journal, biweekly, \$245 in North America (For distribution in other countries, contact NTIS); 1971-

Previously published as: U.S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS (1965-1971); U.S. GOVERNMENT RESEARCH REPORTS (1944?-1964). *Contents cumulate into:* NTIS BIBLIOGRAPHIC DATA FILE. *Contents overlap with:* NATURAL RESOURCES and EARTH SCIENCES and 25 other abstract newsletters derived from the NTIS Bibliographic Data File; EPA PUBLICATIONS BIBLIOGRAPHY.

Published by: National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22161 U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: science, technology, medicine, and behavioral and social sciences.

Output: 65,000 abstracts in 1977. Arranged by subject categories (COSATI). *Format:* full bibliographic citations plus abstracts, keywords, subject category codes, source, price, geographic descriptors, GRA citation cross-reference, NTIS order number, and sponsoring organization(s). Titles in English. Abstracts in English. *Geographic coverage:* worldwide on many subjects, but primarily U.S.A.

Input: regularly abstracts government-sponsored research reports available to public. English. *Sources (percent):* government documents and reports, some of which are in the form of dissertations, patents, conference papers, and other (100).

Indexes: *Author:* biweekly, with annual cumulations. *Subject:* biweekly, with annual cumulations (about 10 terms per citation, controlled vocabulary, available for examination). *Contract Number and Report-Accession Number:* biweekly, with annual cumulations.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, print products (such as special bibliographies), full-size copies, microcopies.

76 HERBAGE ABSTRACTS

Journal, monthly, £79.00; microform, monthly, £79.00; magnetic tapes, monthly, price not given; 1931-

Contents cumulate into: CAB ABSTRACTS.

Published by: Commonwealth Agricultural Bureau, Farnham House, Farnham Royal, Slough SL2 3BN, U.K.

Issuing organization: Commonwealth Bureau of Pastures and Field Crops, Hurley, Maidenhead, Berks. SL6 5LR, U.K.

Subject coverage: rangelands, pastures, and herbage plant ecology.

Output: 100,000 citations through 1977 (4261 abstracts, 200 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, price, authors' addresses, ISBN, and language of text. Titles in original language and English for all languages using Latin, Cyrillic, or Greek scripts. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 1400 journals, 10 secondary sources. List of publications regularly scanned available for examination. Almost all languages included.

Indexes: *Author:* monthly, with annual cumulations. *Subject:* monthly, with annual cumulations (about four terms per citation).

Data handling: computerized.

Additional services: retrospective retrieval searches, full-size copies.

77 INDEX TO SCIENTIFIC REVIEWS (TM)

ISR(TM)

Serial, semiannual, \$250; 1974-

Contents cumulate into: SCIENCE CITATION INDEX (R) and SCISearch (R).

Published by: The Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pa. 19106 U.S.A.

Issuing organization: same as publisher.

Subject coverage: science, medicine, agriculture, technology, and behavioral sciences.

Output: 25,000 source citations printed in 1977; 500,000 citations compiled in total SCISearch database in 1977. Arranged in separate sections by subject, titles of source documents, authors-editors of source items, cited authors, corporate authors, and patent numbers. *Format:* bibliographic citations plus authors' addresses. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 3300 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (82), monographic series (18).

Indexes: *Author:* every 6 months, with annual cumulations. *Subject:* permuted title words, every 6 months, with annual cumulations (about 8 terms per citation, includes indexing of author's references or citations). *Geographic:* every 6 months. *Citation Index:* designed to use author's references or footnotes, arranged alphabetically according to cited author followed by notation of the cited work.

Data handling: computerized.

Additional services: retrospective retrieval searches, full-size copies (original article tear sheets [OATS(R)] service).

78 *INDICE AGRICOLA DE AMERICA LATINA Y EL CARIBE

(AGRICULTURAL INDEX OF LATIN AMERICA AND THE CARIBBEAN)

Journal, quarterly, price not given; 1975-

Previously published as: BIBLIOGRAFIA AGRICOLA LATINOAMERICANA Y DEL CARIBE (1966-1974).

Contents cumulate into: AGRINDEX and ALERTA AL DIA series for several subjects, including ALERTA AL DIA-DASONOMIA.

Published by: Centro Interamericano de Documentacion e Informacion Agricola, Instituto Interamericano de Ciencias Agricolas-OEA, San Jose, Costa Rica. *Issuing organization:* same as publisher, which is the coordinating center for AGRINTER (Inter-American Information System for the Agricultural Sciences). *Associated libraries:* same as publisher, along with the national coordinating center libraries for the other 17 member countries, listed in each issue.

Subject coverage: agriculture.

Output: 9000 cited titles in 1976, 208 under forestry and forest products. Arranged by subject categories. *Format:* full bibliographic citations plus authors' affiliations, library locations, and keywords for some citations. Titles in original language. *Geographic coverage:* South America, Central America, Mexico, and the Caribbean.

Input: agricultural literature published in South America, Central America, Mexico, and the Caribbean. Mostly Spanish and Portuguese, with some English.

Indexes: *Author:* quarterly. *Subject:* KWIC, quarterly.

Data handling: computerized.

79 INFORMACNI ZPRAVODAJ VSZ Brno
(INFORMATION BULLETIN, UNIV. OF
AGRICULTURE, Brno)

IZ

Journal, quarterly, available on exchange; 1977-

Previously published as: KNIZNI A DOKUMENTACNI (1967-1976?).

Published by: Ustav vedeckych informaci Vysoke skokly zemedelske v Brno (Department of Scientific Information, University of Agriculture, Brno), Czechoslovakia. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: agriculture, including forestry.

Output: 165 abstracts, 640 citations in 1977 (110 plus 192 in forestry). Arranged by author within subject categories. *Format:* full bibliographic citations, plus keywords (for reports and theses), abstracts (for reports and theses), and subject headings. Titles in original language, Russian, and English. Abstracts in Czech (Slovak), Russian and English. *Geographic coverage:* Czechoslovakia.

Input: List of publications regularly scanned available for examination. Czech, Slovak. *Sources (percent):* journal articles (40), monographs (15), conference papers (5), reports, bibliographies, and translations (40).

Indexes: *Author:* annual. *Subject:* KWIC, annual (about four terms per citation).

Data handling: manual.

Additional services: retrospective retrieval searches, full-size copies, microcopies, library loans. Translation services from English, Russian and German into Czech (Slovak); from Czech (Slovak) into English, Russian, and German.

80 IPEF—BIBLIOTECA

Journal, monthly, price not given; 1975?-

Previously published as: BIBLIOGRAFIA MENSAL IPEF (1973-1974).

Published by: Instituto de Pesquisas e Estudos Florestais (IPEF), Biblioteca, Caixa Postal 9, 13,400—Piracicaba, SP, Brazil. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forestry and forest products.

Output: 10,000 cited titles through 1977 (1729 cited titles printed, of 2300 citations compiled in 1977). Arranged by subject and then author within document type (books, journals, and other). *Format:* full bibliographic citations plus keywords. Titles in original language. *Geographic coverage:* worldwide.

Input: regularly scans 390 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (50), monographs (30), government documents and reports (2), conference papers (10), secondary sources (5), other (3).

Indexes: *Subject:* monthly (about three terms per citation).

Data handling: manual.

Additional services: SDI, full-size copies.

81 LAND USE PLANNING ABSTRACTS

LUPA

Book, annual \$95 (\$110); 1971-1973-

Previously published as: part of ENVIRONMENT INFORMATION ACCESS. *Contents cumulate into:* ENVIRONMENT ABSTRACTS.

Published by: Environment Information Center (EIC), 292 Madison Ave., 3rd Floor, New York, N.Y. 10017 U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: land use planning.

Output: 5000 citations through 1977 (1700 abstracts plus bibliographic essays, statistical overviews, list of pending and recently enacted legislation, and list of recently published books in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, and source. Titles in original language. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 2500 journals, 350 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (50), monographs (5), government documents and reports (10), conference papers (35).

Indexes: *Author:* annual. *Subject:* annual (about eight terms per citation, controlled vocabulary, available for examination). *Geographic:* annual. *Other:* Standard Industrial Classification Code, annual.

Data handling: computerized and manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies.

82 LIBRARY ACCESSIONS—WESTERN FOREST PRODUCTS
LABORATORY, FORINTEK CANADA CORP.

Monthly accession list, available on exchange; 1979-

Previously published as: LIBRARY ACCESSIONS—WESTERN FOREST PRODUCTS LABORATORY, ENVIRONMENT CANADA (1975-1979).

Published by: Library, Forintek Canada Corp., Western Forest Products Laboratory, 6620 N.W. Marine Drive, Vancouver, B.C., Canada. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forest products.

Output: 1800 cited titles in 1977. Arranged by author within document-type groupings. *Format:* full bibliographic citations plus ISBN. Titles in original language and English. *Geographic coverage:* primarily western North America, especially Canada.

Input: mostly English, some German. *Sources (percent):* journal articles (10), monographs (20), government documents and reports (60), conference papers (5), patents (5).

Data handling: manual.

83 MELDETJENESTEN, LANDBRUKS-DEPARTEMENTETS OPPLYSNINGSTJENESTE

(REPORTING SERVICE, MINISTRY OF AGRICULTURE INFORMATION SERVICE)

Perforated sheets, monthly, Nkr. 30,-, \$5.50 (Nkr. 30,-, \$5.50) [this price includes Meldetjenesten on forestry also (38 in 1979)—see citation below]; 1956-

Published by: Landbruksdepartementets opplysningstjeneste, Moerveien 12, N-1430 AS, Norway. *Issuing organization:* same as publisher.

Subject coverage: agriculture.

Output: 120 abstracts in 1977. Arranged by subject. *Format:* full bibliographic citations plus abstracts and price. Titles in original language and Norwegian, Swedish, or Danish. Abstracts in Norwegian, Swedish, or Danish. *Geographic coverage:* primarily northern Europe.

Input: Norwegian, Swedish, Danish, English, German.

Indexes: None. Letter and figure subject codes on each perforated sheet so that subscriber can file each by subject in looseleaf binder.

Data handling: manual.

84 MELDETJENESTEN, DET NORSKE SKOGSELSKAP

(REPORTING SERVICE, NORWEGIAN FOREST SOCIETY)

Perforated sheets, monthly, Nkr. 30,-, \$5.50 (Nkr. 30,-, \$5.50) [this price includes Meldetjenesten on agriculture also (120 in 1977)—see citation above]; 1956-

Published by: Landbruksdepartementets opplysningstjeneste, Moerveien 12, N- 1430 AS, Norway. *Issuing organization:* same as publisher.

Subject coverage: forestry and forest products.

Output: 38 abstracts in 1977. Arranged by subject. *Format:* full bibliographic citations plus abstracts and price. Titles in original language and Norwegian, Swedish, or Danish. Abstracts in Norwegian, Swedish, or Danish. *Geographic coverage:* primarily Northern Europe.

Input: Norwegian, Swedish, Danish, English, German.

Indexes: None. Letter and figure subject codes on each perforated sheet so that subscriber can file by subject.

Data handling: manual.

85 METEOROLOGICAL AND GEOASTROPHYSICAL ABSTRACTS

MGA

Journal, monthly, \$400 (\$408).—special prices for public libraries and educational organizations; magnetic tapes, monthly, price subject to negotiation; 1960-

Previously published as: METEOROLOGICAL ABSTRACTS AND BIBLIOGRAPHY (1950-59) *Contents cumulate into:* The MGA computer-readable database. 1976-1978 corresponds exactly with the printed MGA (1976-1978).

Published by: American Meteorological Society, 45 Beacon Street, Boston, Mass. 02108 U.S.A. *Issuing organization:* same as publisher.

Subject coverage: meteorology and geostrophysics.

Output: 207,000 citations through 1977 (7200 abstracts in 1977). Arranged by subject (UDC classification). *Format:* full bibliographic citations plus abstracts, subject headings, library sources, and UDC Classification Number. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 250 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (80), monographs (10), government documents and reports (5), conference papers (5).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* monthly, with annual cumulations (about four terms per citation). *Geographic:* monthly, with annual cumulations.

Data handling: computerized and manual.

Additional services: special bibliographies.

86 MONTHLY ACCESSIONS LIST, (U.K.) NATIONAL

METEOROLOGICAL LIBRARY

Journal, monthly, available on exchange; January, 1975-

Previously published as: MONTHLY BIBLIOGRAPHY (1919-1974).

Published by: National Meteorological Library, Meteorological Office, London Road, Bracknell, Berks., RG12 2SZ, England. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: meteorology.

Output: 500,000 citations through 1977 (9000 cited titles in 1977). Arranged by UDC. *Format:* full bibliographic citations plus source, price, and UDC. Titles of Romance and Germanic language items in original and English; titles in languages with non-Roman script in English translations only. *Geographic coverage:* worldwide.

Input: regularly scans 300 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (40), monographs (25), government documents and reports (15), conference papers (15), other (5).

Indexes: *Subject:* UDC, monthly (two or three terms per citation).

Data handling: computerized and manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, library loans.

**87 MUSZAKI LAPSZEMLE. FAIPAR. PAPIR— ES NYOMDAIPAR
(TECHNICAL ABSTRACTS. WOODWORKING INDUSTRY. PAPER
AND PRINTING INDUSTRY)**

Journal, monthly, Ft 540., \$21 (\$21); 1948-

Published by: Orszagos Muszaki Konvytar es Dokumentacios Kozpont, (Hungarian Central Technical Library and Documentation Centre), H-1428 Budapest, P.O.B. 12. - Reviczky u. 6, Hungary. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: woodworking, paper, and printing industries.

Output: 112,600 citations through 1977 (4521 abstracts, 858 cited titles printed of 5379 citations compiled in 1977). Arranged by broad subject fields (items indexed by UDC). *Format:* full bibliographic citations plus abstracts. Titles in original language and Hungarian. Abstracts in Hungarian. *Geographic coverage:* worldwide.

Input: regularly scans 76 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (88), monographs (1), conference papers (8), patents (1), other (2).

Indexes: *Subject:* annual (about two terms per citation).

Data handling: manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies, library loans, translations of original documents.

88 NATIONAL AGRICULTURE LIBRARY CATALOG

Book catalog, monthly, \$100; 1966-

Previously published as: DICTIONARY CATALOG OF THE AGRICULTURAL LIBRARY (1862-1965). *Contents cumulate into:* AGRICOLA.

Published by: Rowman and Littlefield, The Library Division of Littlefield, Adams and Company, 81 Adams Drive, Totowa, N.J. 07511 U.S.A. *Issuing organization:* U.S. Department of Agriculture, Science and Education Administration, Technical Information Systems, Resource Development Division, National Agriculture Library Bldg., Beltsville, Md. 20705 U.S.A. *Associated library:* National Agricultural Library, Beltsville, Md. 20705 U.S.A.

Subject coverage: agriculture, including forestry and forest products.

Output: 45,000 citations from 1970-1977 (14,000 citations in 1977). Arranged by subject, titles of the documents, and author. *Format:* full bibliographic citations plus subject headings, CODEN, ISSN, and ISBN. Titles in original language for cataloged books and serials; titles in English only for reprints of articles that are cataloged. *Geographic coverage:* worldwide.

Input: almost all languages included. *Sources (percent):* monographs plus government documents and reports (almost 100).

Indexes: *Author:* monthly, with semiannual and annual cumulations. *Subject:* Library of Congress subject headings, monthly, with semiannual and annual cumulations. *Translation:* index of translated articles.

Data handling: computerized.

Additional services: (through NAL Library) full-size copies, microcopies, library loans.

89 NATURAL RESOURCES & EARTH SCIENCES

Journal, weekly, \$55; 1974-

Contents cumulate into: NTIS BIBLIOGRAPHIC DATA FILE; GOVERNMENT REPORTS ANNOUNCEMENTS and INDEX.

Published by: National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22161 U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: natural resource management and surveys, forestry, mineral industries, soil sciences, geology, and geophysics.

Output: 3000 abstracts in 1977. Arranged by subject categories (COSATI). *Format:* full bibliographic citations plus abstracts, source, price, NTIS order number, and sponsoring organization. Titles in English. Abstracts in English. *Geographic coverage:* worldwide on many subjects, but primarily U.S.A.

Input: regularly, abstracts government-sponsored research reports that are publicly available. English. *Sources (percent):* government documents and reports some of which are in the form of dissertations, patents, conference papers, and others (100).

Indexes: *Subject:* annual (about 10 terms per citation, controlled vocabulary, available for examination). *Taxonomic:* included in the subject index. *Report-accession number:* annual.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, print products (such as special bibliographies), full-size copies, microcopies.

90 NTIS BIBLIOGRAPHIC DATA FILE

NTIS

Magnetic tapes, biweekly, \$4000 plus use charge (available on-line through DIALOG, ORBIT, and BRS); 1970-

Previously known as: CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION [CFSTI] (1964-1969). *Contents overlap with:* GOVERNMENT REPORTS ANNOUNCEMENTS & INDEX (GRA&I); NATURAL RESOURCES and EARTH SCIENCES and 25 other abstract newsletters.

Published by: National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va. 22161 U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: science, technology, medicine, and behavioral and social sciences.

Output: 640,000 citations through 1977 (65,000 abstracts in 1977). *Format:* full bibliographic citations plus abstracts, keywords, subject category codes, source, price, geographic descriptors, GRA&I citation cross-reference, NTIS order number, and sponsoring organization. Titles in English. Abstracts in English. *Geographic coverage:* worldwide on many subjects, but primarily U.S.A.

Input: regularly abstracts government-sponsored research reports that are publicly available. English. *Sources (percent):* government documents and reports, including dissertations, patents, conference papers, and others (100).

Indexes: file searchable by authors, subject categories, descriptors, identifiers (about 10 terms per citation, controlled vocabulary, available for examination), keywords in titles and abstracts, corporate authors, and report numbers.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, print products (such as special bibliographies), full-size copies, microcopies.

91 PAPER AND BOARD ABSTRACTS

PBA

Journal, monthly, £40. (£40.); computer print-out, biweekly, £150. (£150.); microforms, price and frequency not given; magnetic tapes, price and frequency not given; 1968-

Previously published as: KENLEY ABSTRACTS (1965-1967).

Published by: Pira, Randalls Road, Leatherhead, Surrey, KT22 7RU, England. *Issuing organization:* same as publisher. *Associated library:* The Library, Pira, Randalls Road, Leatherhead, Surrey, KT22 7RU, England.

Subject coverage: forest products.

Output: about 30,000 citations through 1977 (2518 citations printed, 3200 citations compiled in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, price, and language of document. Titles in English only. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 100 journals, 12 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (65), monographs (2), government documents and reports (1), conference papers (20), manufacturers' catalogs (1), secondary sources (10), other (1).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, on-line search (DIALOG), full-size copies, (library loans to Pira members). Translation services from any language into English.

92 PAPERCHEM

Magnetic tapes (with full text plus keywords, with citations only, with full text only, with keywords only, or any combination of these), monthly, lease agreement required; July 1968-

Contents correspond exactly to: ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY (July 1968 to present). *Contents overlap with:* IPC LIST OF TRANSLATIONS.

Published by: The Institute of Paper Chemistry, 1043 E. South River Street, P.O. Box 1039, Appleton, Wis. 54912 U.S.A. *Issuing organization:* same as publisher. *Associated library:* Division of Information Services, The Institute of Paper Chemistry, 1043 E. South River Street, P.O. Box 1039, Appleton, Wis. 54912, U.S.A.

Subject coverage: pulp, paper, and related fields.

Output: 11,143 abstracts, 478 cited titles in 1977. Both inverted and direct files available. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, language of original text and of summaries. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 800 journals, 100 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (37), monographs (3), government documents and reports (1), conference papers (10), patents (40), secondary sources (5), translations (3), bibliographies and reviews (1).

Indexes: database searchable by any word in title or abstract, keywords (about 24 per citation), authors, patent countries and patent numbers, document types (book, translation, and other), date-ranging, and languages of original documents (mid-1976 to present). Keywords from THESAURUS OF PAPER TERMS and Supplement 3 (cumulative).

Data handling: computerized.

Additional services: SDI and retrospective retrieval searches (through ORBIT), Annotated Bibliographic Series, full-size copies. Translation services from all languages into English.

93 PESTDOC Pest Control Literature

PESTDOC

Documentation

Journal, weekly; abstract book (same as journal but printed on one side of page), weekly; thematic booklets (one of six subject subsets of abstracts books), weekly; microfilm; magnetic tapes, every 3 months—[contact publisher for all pricing]; 1968-

Published by: Derwent Publications Ltd., Rochdale House, 128 Theobalds Rd., London WC 1X 8RP, England. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: agricultural and general pest control.

Output: 81,000 citations through 1977 (8000 abstracts in 1977), arranged by Derwent number order. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, and authors' addresses. Titles in original language only for western European languages; titles in English only for non-western European languages. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 750 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), conference papers (30).

Indexes: *Author:* annual. *Subject:* conventional alphabetical and Ring Code, weekly, with cumulations every 3 months (about 12 terms per citation). *Ring Code:* weekly punched index cards with coding for chemical and biological information for use in subject searching.

Data handling: computerized, mechanical, and manual.

Additional services: retrospective retrieval searches, on-line retrieval available through ORBIT.

94 POLLUTION ABSTRACTS

PA

Journal, bimonthly, \$180 (\$180.); magnetic tapes, bimonthly, contact Data Courier for price; 1970-

Published by: Data Courier, Inc., 620 South Fifth Street, Louisville, Ky. 40202 U.S.A. *Issuing organization:* same as publisher.

Subject coverage: environmental pollution.

Output: 51,086 citations through 1977 (6000 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, and subject headings. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 350 journals. List of publications regularly scanned available for examination. Mostly English, French, Russian, Japanese, Spanish, Italian, German. *Sources (percent):* journal articles (60), monographs (15), government documents and reports (5), conference papers (15), other (5).

Indexes: *Author:* bimonthly, with annual cumulations. *Subject:* rotating permuted alphabetical, bimonthly, with annual cumulations (about 10 terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: on-line access through DIALOG, ORBIT, BRS, and Information Retrieval Service (European Space Agency).

95 RECENT PUBLICATIONS OF RANGE RESEARCH

Journal, irregularly, free; 1974-

Published by: U.S. Department of Agriculture, Science and Education Administration, Agricultural Research—Western Region, 2850 Telegraph Avenue, Berkeley, Calif. 94705 U.S.A. *Issuing organization:* same as publisher. *Associated library:* National Agricultural Library, Beltsville, Md. 20705, U.S.A.

Subject coverage: range management.

Output: 142 citations printed in 1977. Arranged by author within geographic region. *Format:* full bibliographic citations plus abstracts, source available, and authors' addresses. Titles in English only. *Geographic coverage:* U.S.A.

Input: content based on publications of U.S. Department of Agriculture, Science and Education Administration on range research. English.

Data handling: manual.

96 REFERATET

(REFERENCE)

Journal, every 5 weeks, free; 1975-

Published by: Domanverket, Zoja Raskasov, S-17193 Solna, Sweden. *Issuing organization:* Domanverket HK, 79181 Falun, Sweden. *Associated library:* Domanverket Biblioteket, HK, 79181 Falun, Sweden.

Subject coverage: forestry and some forest products.

Output: 536 abstracts in 1977. Arranged by subject. *Format:* bibliographic citations plus abstracts, keywords, subject headings, and price. Titles in Swedish. Abstracts in Swedish. *Geographic coverage:* Scandinavia.

Input: regularly scans one secondary source. Swedish, Norwegian, Danish, English, German, Estonian.

Indexes: *Author:* annual. *Subject:* annual (about three terms per citation, controlled vocabulary, available for examination).

Data handling: manual.

Additional services: full-size copies, library loans. Translation services from Norwegian into Swedish, from Danish into Swedish, from English into Swedish, from German into Swedish, from Estonian into Swedish.

97 *REFERATIVNYI ZHURNAL-LESOVEDENIE I LESOVODSTVO

(REFERENCE JOURNAL- FOREST SCIENCES AND FOREST MANAGEMENT)

Journal, monthly, \$18; 1963-

Contents cumulate into: VINITI database.

Published by: Vsesoyuznyi Institut Nauchno-Tekhnicheskoi Informatsii (VINITI), Baltijskaya ul. 14, 125219 Moscow, A-219, U.S.S.R. *Issuing organization:* same as publisher.

Subject coverage: forestry.

Output: 3267 abstracts in 1978. Arranged by UDC. *Format:* full bibliographic citations plus language(s) of resumes and names of abstracters. Titles in original language and Russian. Abstracts in Russian. *Geographic coverage:* worldwide.

Input: mostly journal articles and conference papers. Almost all languages included.

Indexes: *Author:* annual. *Subject:* annual.

Data handling: computerized.

98 REFERENCES ON FORESTRY AND FOREST PRODUCTS IN ISRAEL

Leaflet, annual, free on exchange; 1958-

Published by: Division of Forestry, Agricultural Research Organization, Ilanot, D.N. Lev Hasharon, Israel. *Issuing organization:* same as publisher.

Subject coverage: forestry and forest products in Israel.

Output: 926 citations through 1977 (35 cited titles printed, 45 citations compiled in 1977). Arranged by author (listed separately for staff of Forestry Division and others). *Format:* full bibliographic citations. English translations of Hebrew titles; other languages (except for Cyrillic alphabet) in original language. *Geographic coverage:* Israel.

Input: Almost all languages included. *Sources (percent):* journal articles (70), monographs (5), government documents and reports (20), conference papers (5).

Indexes: none issued.

Data handling: manual.

Additional services: full-size copies (only for publications of the Forestry Division), library loans (in Israel only), information on address of author if not on staff of Forestry Division.

99 REMOTE SENSING ON-LINE RETRIEVAL SYSTEM**RESORS**

Computerized database, regularly updated, free bibliographic searches on request; 1975?-

Issuing organization: Canada Centre for Remote Sensing—RESORS, 717 Belfast Rd., Ottawa, Ontario K1A 0Y7 CANADA.

Subject coverage: remote sensing, including forest resources.

Output: 12,000 citations through 1977 (5000 cited titles in 1977). Arrangement of output determined by user's search strategy; accessible by subject, titles of documents, author, titles of journal or other primary source, accession number, and author affiliation. *Format:* full bibliographic coverage plus keywords, sources, and authors' addresses. Titles in original language and English or French. *Geographic coverage:* worldwide.

Input: regularly scans 100 journals, 10 secondary sources. English and French. *Sources (percent):* journal articles (30), monographs (2), government documents and reports (20), conference papers (30), manufacturers' catalogs (4), patents (1), secondary sources (13).

Indexes: *Subject:* KWIC with weighted terms (about 10 terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies, library loans, translations of original documents.

100 RESOURCE INVENTORY NOTES-**RIN****CURRENT LITERATURE**

Journal, every 1 to 2 months, free; 1976-

Previously published as: INFO ON ITEMS OF INTEREST, RESOURCE INVENTORY NOTES (1975-1976) [published by the Forest Service U.S. Department of Agriculture.]

Published by: U.S. Department of Interior, Bureau of Land Management, D 340, Denver Service Center, Denver Federal Center, Bldg. 50, Denver, Colo. 80225 U.S.A. *Issuing organization:* same as publisher.

Subject coverage: natural resources inventory.

Output: 227 cited titles in 1977. Arranged by subject. *Format:* bibliographic citations plus sources. Titles in original language. *Geographic coverage:* worldwide (but primarily U.S.A.).

Input: regularly scans three or four journals, seven secondary sources. Almost all languages included. *Sources (percent):* journal articles (5), monographs (35), government documents and reports (55), conference papers (5).

Data handling: manual.

101 REVIEW OF PLANT PATHOLOGY**RPP**

Journal, monthly, L33 (\$155.); microform, monthly, L33 (\$155.); magnetic tapes, monthly, price not given; 1970-

Previously published as: REVIEW OF APPLIED MYCOLOGY (1922-1969). *Contents cumulate into:* CAB ABSTRACTS.

Published by: Commonwealth Agricultural Bureaux, Farnham Royal, Slough SL2 3BN, England. *Issuing organization:* Commonwealth Mycological Institute, Ferry Lane, Kew, Richmond, Surrey TW9 3AF, England. *Associated library:* CMI Library, Ferry Lane, Kew, Richmond, Surrey, TW9 3AF, England.

Subject coverage: plant pathology.

Output: 5560 abstracts, 351 titles printed in 1977. Arranged by subject. *Format:* full bibliographic citations plus abstracts, price, authors' addresses, and ISBN. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 900 journals, 12 secondary sources. List of publications regularly scanned available for examination. Almost all languages included.

Indexes: *Author:* monthly, with annual cumulations. *Subject* monthly, with annual cumulations (about six terms per citation).

Data handling: computerized.

Additional services: SDI, retrospective, retrieval searches, full-scale copies, and other services, as requested.

102 RINGYO RINSAN KANKEI KOKUNAI**BUNKEN BUNRUI MOKUROKU, O.D.C.****(DOMESTIC LITERATURE RELATED TO FORESTRY****AND FOREST PRODUCTS BY OXFORD DECIMAL CLASSIFICATION)**

Journal, 20,000 yen, annual; 1972-

Published by: Library, Forestry and Forest Products Research Institute, 1 — Matunosato Kukizaki Ibaraki 305, Japan. *Issuing organization:* same as publisher. *Associated library:* Ringyo Kagaku Shinkosho, c/o Library, Forest and Forest Products Research Institute 1 — Matsunosato Kukizaki, Ibaragi 305, Japan.

Subject coverage: forestry and forest products.

Output: 30,000 citations through 1977 (5000 cited titles in 1977). Arranged by ODC number. *Format:* bibliographic citations plus ODC number. Titles in Japanese. *Geographic coverage:* Japan.

Input: regularly scans 274 journals. Japanese. *Sources (percent):* journal articles (50), government documents and reports (50).

Data handling: manual.

103 S.A. WATERABSTRACTS

Journal, every 6 months, free; magnetic tapes (WATERLIT BIBL. DATABASE), monthly, price negotiable; 1976-
Previously published as: CURRENT LITERATURE ON WATER (1966-75), *Contents cumulate into:* WATERLIT BIBLIOGRAPHIC DATABASE (WATERLIT).

Published by: South African Water Information Centre, P.O. Box 395, Pretoria, 001, Republic of South Africa.
Issuing organization: same as publisher. *Associated library:* Centre for Scientific and Technical Information, Council for Scientific and Industrial Research, P.O. Box 395, Pretoria, R.S.A.

Subject coverage: water resources, including forest ecology, forest management, and recreation.

Output: 12,000 citations through 1977 (300 abstracts, 7000 cited titles in 1977). Arranged by titles of documents.
Format: full bibliographic citations plus keywords, subject headings, source, authors' addresses, and CODEN. Titles in English. Abstracts in English. *Geographic coverage:* worldwide, but with emphasis on southern Africa and articles published in South Africa.

Input: regularly scans 430 journals. English, Afrikaans, Dutch, Flemish, and German. *Sources (percent):* journal articles (90), monographs (0.5), government documents and reports (7.5), conference papers (2).

Indexes: none published with journal, but about 10 to 15 terms per citation in the WATERLIT database, controlled vocabulary.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies, library loans, other services from CSIR-Library.

104 SAHEL BIBLIOGRAPHIC BULLETIN/ BULLETIN BIBLIOGRAPHIQUE

SBB

Journal, quarterly, free; 1977-

Published by: Sahel Documentation Center, Michigan State University Libraries, East Lansing, Mich. 48824 U.S.A. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: socio-economic development of the Sahel region.

Output: 3000 citations through 1978 (700 citations printed, 1000 citations compiled in 1977). In addition to the bibliography, the bulletin has a section entitled "Communications and Information" for-current information on projects, meetings, library news, and other. Arranged by country. *Format:* full bibliographic citations plus keywords, subject headings, and price. Titles in original language only. Abstracts in English and French. *Geographic coverage:* Sahel region of Africa: Chad, Niger, Mali, Upper Volta, Mauritania, The Gambia, Cape Verde Islands, Senegal.

Input: regularly scans 30 journals, 10 secondary sources. French and English. *Sources (percent):* journal articles (15), monographs (25), government documents and reports (25), conference papers (15), other (20).

Indexes: *Author:* quarterly, with annual cumulations. *Subject:* KWOC, quarterly, with annual cumulations (about seven terms per citation, controlled vocabulary, available for examination). *Geographic:* quarterly.

Data handling: manual.

Additional services: full-size copies.

105 SCHNELLDOKUMENTATIONS—

ZELLCHEMING-KARTEI

KARTEIDIENST DES ARCHIVS ZELLCHEMING

Card service, monthly, DM 480 plus postage (DM480 plus postage); 1952-

Contents overlap with: REFERATESCHAU in the journal DAS PAPIER.

Published by: Archiv Zellcheming im Institut für Makromolekulare Chemie, Alexanderstr. 24, D-6100 Darmstadt, W. Germany. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: chemistry of wood and paper.

Output: 2400 cited titles in 1977. Arranged by subject and author. *Format:* bibliographic citations plus keywords. Titles in original language and German. Abstracts in German. *Geographic coverage:* worldwide.

Input: regularly scans 84 journals. List of publications regularly scanned available for examination. Almost all languages included except Russian and Chinese. *Sources (percent):* journal articles (80), monographs (5), conference papers (5), patents (10).

Indexes: *Author:* monthly. *Subject:* KWOC, monthly (two or three terms per citation, controlled vocabulary, available for examination).

Data handling: manual.

Additional services: retrospective retrieval searches, full-size copies, library loans.

**106 SCHRIFTTUMSKARTEIDIENST DER
BUNDESFORSCHUNGSANSTALT FÜR
FORST—UND HOLZWIRTSCHAFT
(TITLE SERVICE OF THE FEDERAL RESEARCH
CENTER FOR FORESTRY AND FOREST PRODUCTS)**

Card service, every 3 months, DM 204, \$100. (DM 204, \$100.); 1961-

Published by: Bundesforschungsanstalt für Forst— und Holzwirtschaft-Dokumentation, Leuschnerstr. 91, 2050 Hamburg 80, F.R. of Germany. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forestry and forest products.

Output: 315,000 citations through 1977 (6800 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus keywords, subject headings, and ODC. Titles in original language and German, some in English; titles in English and French untranslated. *Geographic coverage:* worldwide.

Input: regularly scans 600 journals, five secondary sources. List of publications regularly scanned available for examination. Items in Chinese, Japanese, Indonesian, and other Asian languages excluded unless they have summaries in English, French or German. *Sources (percent):* journal articles (45), monographs (10), government documents and reports (30), conference papers (10), secondary sources (5).

¹⁰**Indexes:** subject (about nine terms per citation).

Data handling: computerized, mechanical, and manual.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies, library loans.

107 SCIENCE CITATION INDEX(R) SCI(R)

Serial (paperbound volumes), bimonthly with annual hardbound cumulations, \$3500. (\$3500.); magnetic tapes (SCISEARCH), weekly, \$10,000. for citation tapes, \$10,000. for source tapes; 1961-

Contents cumulate into: SCISEARCH(R) (On-line equivalent of the SCIENCE CITATION INDEX(R)).

Published by: The Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pa. 19106 U.S.A.
Issuing organization: same as publisher.

Subject coverage: science in general.

Output: 505,038 citations in 1977. Arranged by subject (Permuterm Subject Index), author (Source Index), and by cited author (Citation Index). *Format:* bibliographic citations plus all references to the citations. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 3300 journals. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (93), conference papers (7).

Indexes: *Author:* every 2 months, with annual cumulations. *Subject:* permuted subject index using words in title, every 2 months, with annual cumulations (about 33 terms per citation). *Geographic:* semiannual, with annual cumulations. *Citation Index:* designed to use source authors' references or footnotes; abbreviated citations arranged alphabetically according to 'cited' author, followed by notations for 'citing' work(s).

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies (original article tear sheet [OATS(R)] service).

**108 SEAMALERT: CURRENT SURFACE-MINED RECLAMATION
LITERATURE ALERTING SERVICE**

Bulletin, quarterly, free; 1977-

Contents cumulate into: SEAMINFO (cumulative database of SEAMALERT).

Published by: SEAM, Office of Arid Lands Studies, University of Arizona, 845 N. Park Ave., Tucson, Ariz. 85719, U.S.A. *Issuing organization:* same as publisher. *Associated library:* Information Center, Office of Arid Lands Studies, University of Arizona, 845 N. Park Ave., Tucson, Ariz. 85719 U.S.A.

Subject coverage: reclamation of surface-mined land.

Output: 3500 citations through 1977 (2000 citations printed in 1977). Arranged by titles of documents. *Format:* full bibliographic citations plus keywords, source, and price. Titles in English. *Geographic coverage:* U.S.A., with some coverage of mining regions of Canada, Australia, and some European countries.

¹⁰Note: Author index, subject index, and geographical index not available to subscribers of title service. Titles arranged by author, subject country, and biological species (tree, insect, fungus species) in the database for question-and-answer services on request.

Input: regularly scans 150 journals, 12 secondary sources. List of publications regularly scanned available for examination. English. *Sources (percent):* journal articles (25), monographs (5), government documents and reports (30), conference papers (30), secondary sources (10).

Indexes: *Author:* quarterly. *Subject:* conventional alphabetical and keyword, quarterly (about 10 terms per citation, controlled vocabulary, available for examination).

Data handling: computerized.

Additional services: retrospective retrieval searches, copies of selected documents, SEAM-INFO computer printout on request.

109 SEL'SKOKHOZIAISTVENNAIA LITERATURA CHEKOSLAVAKII (AGRICULTURAL LITERATURE OF CZECHOSLOVAKIA)

Journal, semiannual, available on exchange; 1962-

Published by: Ustav vedeckotechnických informací pro zemědělství, Slezská 7, 120 56 Praha 2, Czechoslovakia.

Issuing organization: same as publisher. *Associated library:* Ustřední zemědělská a lesnická knihovna, Ustav vedeckotechnických informací pro zemědělství, Slezská 7, 120 56 Praha 2, Czechoslovakia.

Subject coverage: agriculture in Czechoslovakia.

Output: 350 citations compiled, 123 abstracts printed in 1977. Arranged by subject, author, chapters. *Format:* full bibliographic citations plus abstracts and source. Titles in original language and English, German, French, and Russian. Abstracts in English, German, French, and Russian. *Geographic coverage:* Czechoslovakia.

Input: regularly scans 11 journals. List of publications regularly scanned available for examination. Czech, Slovak. *Sources (percent):* journal articles (80), monographs (5), conference papers (15).

Indexes: *Author:* annual. *Subject:* annual (about three terms per citation).

Data handling: manual.

Additional services: retrospective retrieval searches, full-size copies, library loans. Translation services from Czech and Slovak into English, German, French, Russian, and Spanish.

110 SELECTED WATER RESOURCES ABSTRACTS

SWRA

Journal, bimonthly, price not given; magnetic tapes, bimonthly, price not given; 1968-

Published by: Water Resources Scientific Information Center, Office of Water Research and Technology, U.S. Department of Interior, Washington, D.C. 20240 U.S.A. *Issuing organization:* same as publisher.

Subject coverage: water resources.

Output: 116,000 citations through 1977 (13,000 abstracts printed in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, sources, and authors' addresses. Titles in original language and English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 500 journals. English. *Sources (percent):* journal articles (75), monographs (5), government documents and reports (15), conference papers (5).

Indexes: *Author:* bimonthly, with annual cumulations. *Subject:* bimonthly, with annual cumulations (about 12 terms per citation, controlled vocabulary, available for examination). *Organizational:* bimonthly, with annual cumulations.

Data handling: computerized.

Additional services: retrospective retrieval searches.

111 SOCIAL SCIENCES IN FORESTRY: A CURRENT SELECTED BIBLIOGRAPHY

Journal, every 4 months, free; 1971

Previously published as: FORESTRY ECONOMICS: A CURRENT SELECTED BIBLIOGRAPHY (1963-1971).

Published by: Virginia Polytechnic Institute and State University, School of Forestry and Wildlife Resources, Department of Forestry, Blacksburg, Va. 24061 U.S.A. (Anne W. Lauby, ed.). *Issuing organization:* same as publisher.

Subject coverage: social sciences as related to forestry and forest products.

Output: 700 abstracts in 1977. Arranged by subject. *Format:* full bibliographic citations plus abstracts and subject headings. Titles in English. Abstracts in English. *Geographic coverage:* primarily U.S.A.

Input: regularly scans 60 journals, 10 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (55), monographs (5), government documents and reports (20), conference papers (5), secondary sources (15).

Indexes: *Subject:* each issue arranged by subject.

Data handling: manual.

112 SOILS AND FERTILIZERS

SF

Journal, monthly, £40 in Commonwealth countries (\$185. for non-Commonwealth countries); 1938-

Contents overlap with: FORESTRY ABSTRACTS. *Contents cumulate into:* CAB ABSTRACTS.

Published by: Commonwealth Agricultural Bureaux, Farnham House, Farnham Royal, Slough SL2 3BN, England. *Issuing organization:* Commonwealth Bureau of Soils, Rothamsted Experimental Station, HARPENDEN, Herts. AL5 2JQ, England. *Associated library:* same as issuing organization.

Subject coverage: soils, fertilizers.

Output: 2800 citations through 1977 (535 abstracts, 30 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, source, price, authors' addresses, and ISBN. Titles in original and English for Roman alphabet citations; in English translation only for Cyrillic alphabet citations. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 1500 journals, three secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (75), monographs (5), government documents and reports (5), conference papers (10), secondary sources (5).

Indexes: *Author:* monthly, with annual cumulations. *Subject:* KWAC (Keyword and Context), monthly, with annual cumulations (about four or five terms per citation). *Geographic:* geographical descriptors included in subject index.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies.

113 SPORT FISHERY ABSTRACTS

Journal, quarterly, \$8.50 (\$10.65.); 1955-

Published by: Editorial Office, U.S. Fish and Wildlife Service, Aylesworth Hall, Colorado State University, Fort Collins, Colo. 80523 U.S.A. *Issuing organization:* same as publisher.

Subject coverage: sport fishery research and management.

Output: 25,000 citations through 1977 (2000 abstracts in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, and author's address. Titles in original language. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 450 to 500 journals, one secondary source. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (10), government documents and reports (10), conference papers (10), secondary sources (1).

Indexes: *Author:* each issue, with annual cumulations. *Subject:* each issue, with annual cumulations (about three to five terms per citation, controlled vocabulary, available for examination). *Geographic,* each issue, with annual cumulations. *Taxonomic:* quarterly, with annual cumulations.

Data handling: computerized.

Additional services: retrospective retrieval searches being developed.

114 STICHWORTVERZEICHNIS WILDBIOLOGIE

(KEY-WORD INDEX OF WILDLIFE RESEARCH)

Journal, annual, Sw.Fr. 60., \$35. (Sw.Fr. 60., \$35.); 1974-

Published by: Swiss Wildlife Information Service, Birchstr. 95, CH-8050, Zurich, Switzerland. *Issuing organization:* same as publisher.

Subject coverage: wildlife.

Output: 3500 citations in 1977. Arranged by author, keywords. *Format:* bibliographic citations plus keywords and authors' addresses. Titles in original language. *Geographic coverage:* worldwide.

Input: regularly scans 440 journals, 10 secondary sources. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (5), government documents and reports (5), conference papers (10), secondary sources (10).

Indexes: *Author:* annual. *Subject:* KWOC, annual, (controlled vocabulary, available for examination). *Geographic:* annual.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies.

115 TRADA LIBRARY BULLETIN

Journal, monthly, available on exchange; 1974-

Contents cumulate into: TINKER cumulative database.

Published by: The Library, Information and Advisory Department, Timber Research and Development Association, Stocking Lane, Hughenden Valley, High Wycombe, Bucks. HP 144ND, England. *Issuing organization:* same as publisher. *Associated library:* same as publisher.

Subject coverage: forest products.

Output: more than 2000 cited titles in 1977. Arranged by subject. *Format:* full bibliographic citations plus main subject headings and price. Titles in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 200 journals. List of journals regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (40), monographs (20), government documents and reports (20), conference papers (5), manufacturers' catalogs (1), patents (2), other (12).

Indexes: *Subject:* monthly (about one term per citation).

Data handling: manual.

Additional services: full-size copies of journal articles, library loans to TRADA members.

116 WATERLIT BIBLIOGRAPHIC DATABASE

WATERLIT

Magnetic tapes, monthly, price negotiable; journal (S.A. Waterabstracts), every 6 months, free; 1976-

Previously published as: CURRENT LITERATURE ON WATER (1966-1975). *Contents overlap with:* S.A. WATERABSTRACTS (includes only articles published in South Africa).

Published by: South African Water Information Centre, P.O. Box 395, Pretoria, 001, Republic of South Africa. *Issuing organization:* same as publisher. *Associated library:* Centre for Scientific and Technical Information, Council for Scientific and Industrial Research, P.O. Box 395, Pretoria, R.S.A.

Subject coverage: water resources, including forest ecology, forest management, and recreation.

Output: 12,000 citations through 1977 (300 abstracts, 7000 cited titles in 1977). Arranged by titles of documents. *Format:* full bibliographic citations plus keywords, subject headings, source, authors' addresses, and CODEN. Titles in English. Abstracts in English. *Geographic coverage:* worldwide wide (with emphasis on Southern Africa).

Input: regularly scans 430 journals. English, Afrikaans, Dutch, Flemish, and German. *Sources (percent):* journal articles (90), monographs (0.5), government documents and reports (7.5), conference papers (2).

Indexes: *Subject:* about 10 to 15 terms per citation in the database; controlled vocabulary is used.

Data handling: computerized.

Additional services: SDI, retrospective retrieval searches, full-size copies, microcopies, library loans, other services from CSIR-Library.

117 WESTERN FORESTRY INFORMATION NETWORK'S MONTHLY ALERT

WESTFORNET MONTHLY ALERT

Journal, monthly; computer print-out, annual; microfiche, annual; magnetic tapes, annual, available to qualified users by arrangement; 1978-

Previously published as: CALFORNET MONTHLY ALERT (1973-1975); PACFORNET MONTHLY ALERT (1975-1978). *Contents cumulate into:* WESTFORNET UNION LIBRARY CATALOG.

Published by: Pacific Southwest Forest and Range Experiment Station, Forest Service, U.S. Department of Agriculture, P.O. Box 245, Berkeley, Calif. 94701 U.S.A., and its three associated libraries. *Issuing organization:* same as publisher. *Associated libraries:* WESTFORNET—Berkeley, Forest Service, U.S. Department of Agriculture, Box 245, Berkeley, Calif. 94701, U.S.A.; WESTFORNET (RM), Forest Service, U.S. Department of Agriculture, 240 West Prospect St., Fort Collins, Colo. 80521, U.S.A.; WESTFORNET (INT), Forest Service, U.S. Department of Agriculture, Forest Service Building, 507 - 25th Street, Ogden, Utah 84401 U.S.A.; WESTFORNET NORTH, Forest Resources Library AQ-15, Bloedel Hall, University of Washington, Seattle, Wash. 98195 U.S.A.

Subject coverage: forestry and forest products.

Output: 18,161 citations through 1977 (1692 cited titles in 1977). Arranged by subject. *Format:* full bibliographic citations plus keywords and subject headings. Titles in original language and English. *Geographic coverage:* Western United States.

Input: regularly scans 30 to 60 journals, 15 to 20 secondary sources. English, a little German, French, and Spanish. *Sources (percent):* journal articles (15), monographs (30), government documents and reports (30), conference papers (20), other (5).

Indexes: *Author:* annual. *Subject:* monthly, with annual cumulations (about three terms per citation, controlled vocabulary, available for examination). *Taxonomic:* monthly.

Data handling: computerized and mechanical.

Additional services: retrospective retrieval searches, full-size copies, library loans.

118 WILDLIFE REVIEW

Journal, quarterly, \$8.75 (\$11.00); 1935-

Contents cumulate into: WILDLIFE ABSTRACTS.

Published by: Editorial Office, U.S. Fish and Wildlife Service, Aylesworth Hall, Colorado State University, Fort Collins, Colo. 80523 U.S.A. *Issuing organization:* same as publisher.

Subject coverage: game, fish, and wildlife research and management.

Output: 70,000 citations through 1977 (7000 citations in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, and author's address. Titles in original language. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans 450 to 500 journals, one secondary source. List of publications regularly scanned available for examination. Almost all languages included. *Sources (percent):* journal articles (70), monographs (10), government documents and reports (10), conference papers (10), secondary sources (1).

Indexes: *Author:* each issue, with cumulations published periodically as WILDLIFE ABSTRACTS. *Subject:* each issue, with cumulations published periodically as WILDLIFE ABSTRACTS (about three to five terms per citation, controlled vocabulary, available for examination). *Geographic:* each issue. *Taxonomic:* each issue.

Data handling: computerized.

Additional services: retrospective retrieval searches being developed.

119 WOOD INDUSTRY ABSTRACTS

Journal, bimonthly, \$60 (\$64); July 1972-

Previously published as: WOOD PRODUCTS INDUSTRY ABSTRACT BULLETIN (July 1971-May 1972). *Contents cumulate into:* ABSTRACT INFORMATION DIGEST SERVICE (maintained by the Forest Products Research Society).

Published by: Engineering Extension Service, College of Engineering, Washington State University, Pullman, Wash. 99164 U.S.A. (Charles F. Adams, Managing Editor). *Issuing organization:* same as publisher. *Associated library:* AIDS, Forest Products Research Society, 2801 Marshall Court, Madison, Wis. 53705 U.S.A.

Subject coverage: forestry and forest products.

Output: 6757 citations through 1977 (1200 citations in 1977). Arranged by subject. *Format:* full bibliographic citations plus abstracts, keywords, subject headings, source, price, and authors' addresses. Titles in English. Abstracts in English. *Geographic coverage:* worldwide.

Input: regularly scans more than 100 journals, five secondary sources. List of publications regularly scanned available for examination. English, French, German, Slovak, Russian, and Japanese. *Sources (percent):* journal articles (35), monographs (1), government documents and reports (20), conference papers (3), manufacturers' catalogs (3), patents (35), secondary sources (3).

Indexes: *Author:* annual. *Subject:* KWOC, bimonthly, with annual cumulations (controlled vocabulary, available for examination from F.P.R.S., Madison, Wis. 53705 U.S.A.). *Taxonomic:* annual.

Data handling: manual.

120 WORLD TRANSINDEX

Journal, monthly, Dfl. 650, \$290; 1978-

Previously published as: WORLD INDEX OF SCIENTIFIC TRANSLATIONS AND LIST OF TRANSLATIONS NOTIFIED TO THE INTERNATIONAL TRANSLATIONS CENTRE (1967-1977); TRANS-ATOM BULLETIN (1960-1977); BULLETIN SIGNALETIQUE—TRADUCTIONS (1952-1977).

Published by: International Translations Centre, 101 Doelenstraat, 2611 NS Delft, The Netherlands (D. van Bergeijk, Director). *Issuing organization:* same as publisher.

Subject coverage: translations of items on all fields of science and technology.

Output: 25,691 cited titles in 1978. Arranged by subject, titles of documents, author. *Format:* bibliographic citations plus source of availability of translations. *Geographic coverage:* worldwide.

Input: mostly east-European or Asiatic.

Indexes: *Author:* monthly, with annual cumulations. *Subject:* monthly. *Source index:* monthly.

Data handling: computerized.

Additional services: information service on availability of translations.

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This index reflects only a partial coverage of the additional services available. It was compiled from sections 4.7 and 4.8 on the questionnaire (*app. B*). If an organization did not respond to these sections, then its additional service(s) will not be indicated here. For instance, there are undoubtedly more than three organizations out of 120 that supply referral services, yet only three indicated this function in sections 4.7 and 4.8. On the other hand, the user of this directory can be confident of the service when the organization has made a point of mentioning it.

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APPENDIXES

A. Organizations Publishing an Acquisitions List

The following organizations—libraries, documentation centers, and similar institutions—publish an acquisitions list. These organizations do not appear in the main text of this directory for one or more of these reasons:

- The compilers of this directory were not aware of the organization until it was too late to acquire full information.
- The organization was contacted but did not respond to our questionnaire.
- The acquisitions list does not fulfill the requirements for this directory. (See introduction, p. 1, for a list of these requirements.)

Nevertheless, because an acquisitions list can be a particularly useful tool for scanning the literature of an area, these sources are listed here and are organized by country.

This information was obtained from Food and Agricultural Organization of the United Nations (FAO) *AGRIS-Forestry World Catalogue of Information and Documentation Services* (Rome 1979). More detailed information on each organization is supplied in this FAO publication, which may be obtained by writing: Publications Division, Food and Agriculture Organization of the United Nations, Via delle Terme di Caracalla, 00100 Rome, Italy. The four-digit number to the left of each entry is the accession number for that organization in FAO's *World Catalogue*.

Argentina

- 0003 Biblioteca Central. Av. Belgrano 1912, 4200 Santiago del Estero. Tel: 1955; 5727. Prof. Nestor Urtubey.

Australia

- 0006 Associated Pulp and Paper Mills Limited, Library. P.O. Box 201, Burnie, Tasmania 7320. Tel: 004-311222. Telex: AA 58575.
- 0007 Australian National Scientific and Technological Library (ANSTEL). P.O. Box E 333, Canberra, A.C.T. 2600. Tel: 062-621525. Mr. A. Wilson.
- 0010 CSIRO, Division of Building Research, P.O. Box 56, Highett, Victoria 3190. Tel: 950333. Telex: AA 33766; Cable: BUILDRESEARCH, MELBOURNE. Librarian.
- 0011 CSIRO, Division of Forest Research, Library. Banks Street, Yarralumla, A.C.T. 2600. Tel: 062-818356. Telex: 62571; Cable: FORESEARCH. Librarian.
- 0012 Department of Forestry. Box 944, G.P.O., Brisbane, Queensland 4001. Tel: 2292133. Librarian.
- 0013 Department of Forestry, Australian National University. P.O. Box 4, Canberra, A.C.T. 2600. Tel: 494313. Cable: FORESTRY, NATUNIV. Librarian.

- 0015 Forests Department Library. 54-58 Barrack St., Perth 6000, Western Australia. Tel: 3258077. Librarian, Ms. J.A. O'Neill.
- 0016 Library, Forests Commission, Victoria. P.O. Box 4018 G.P.O. Melbourne, Victoria 3001. Tel: 6179279. Cable: FORESTCOM. Librarian.
- 0017 Library, Woods and Forests Department. G.P.O. Box 1604, Adelaide, South Australia 5001. Tel: 512402. Telex: AA 82231. Librarian.
- 0020 Tasmanian Forestry Commission Library. G.P.O. Box 207B, Hobart, Tasmania 7001. Tel: 002-306042. Librarian.
- 0021 Technical and Further Education. 41, Merrivale Street, South Brisbane, Queensland 4001. Tel: 2247411. W. Bowen.

Austria

- 0026 Generaldirektion der Oesterreichischen Bundesforste. Bibliothek. Marxergasse 2, A-1030 Vienna. Tel: 0222-731531. Telex: 01-2575. Karl M. Heiden.

Bangladesh

- 0028 Forest Research Institute. P.O. Box 273, Chittagong. Tel: 212164. Cable: FORESTRES, CHITTAGONG. Dr. M. Omar Ali, Director.

Belgium

- 0030 Bureau National de Documentation sur le Bois. Rue Royale 109-111, 1000 Bruxelles. Tel: 02-2192832.

Brazil

- 0036 Biblioteca Central da Universidade Federal de Vicoso. 36570, Vicoso, Minas Gerais. Tel: 8911825.
- 0037 Biblioteca Central do Instituto Brasileiro de Desenvolvimento Florestal. Palacio do Desenvolvimento, 13 andar, Ministerio de Agricultura, Brasilia, D.F. Tel: 2550087 (PBX), ramais 126; 127. Telex: 061-1711. Bibliotecaria.
- 0039 Biblioteca Central, Universidade Federal Rural de Pernambuco. Rua Manoel de Medeiros s/ n Dois Irmaos. Tel: 2685477, ramal 91. Maria Lucia Mendonca Melo.
- 0040 Biblioteca Central, Universidade Federal Rural do Rio de Janeiro. Km. 47 da Antiga Rodovia Rio Sao Paulo, 23460 Seropedica, Rio de Janeiro. Secao de Referencia e Intercambio.
- 0043 Biblioteca do Instituto Nacional de Pesquisa da Amazonia. Caixa Postal 178, 69.000 Manaus, Amazonia. Tel: 2341818, ramal 116. Telex: 269. Algenir Ferraz Suano da Silva.
- 0044 Biblioteca do Setor de Ciencias Agrarias. Caixa Postal 672.80.000, Curitiba, Parana. Tel: 0412-523422 ramal 20. Lea T. Belczak.

- 0045 Centro de Documentacao da Madeira/ Wood Documentation Centre. Caixa Postal 7141, 05508 Sao Paulo, S. P. Tel: 2682211, ramal 516. Telex: 011-22831; Cable: TECNINST. Marcio Augusto Rabelo Nahuz; Asa Fujino.
- 0046 Centro do Documentacao e Informacao do INPA. Estrada do Aleixo, Km 3,5, Caixa Postal 478, 60.000 Manaus, Amazonia. Tel: 2326068; 2341815, ramal 116/117. Telex: (0922)269016/017; Cable: INAPA. Algenir Ferraz Suano da Silva; Ivonete Liberato da Silva.
- 0047 Instituto de Pesquisas e Estudos Florestais, Biblioteca. Caixa Postal 9, 13.400 Piracicaba, Sao Paulo. Tel: 332080. Silvia Ap. Medeiros Rodrigues.
- 0049 Servico de Documentacao e Informacao, Faculdade de Ciencias Agrarias do Para. Caixa Postal 917, 66000 Belem, Para. Tel: 216-1110; 216-1310; 216-1510. Sandra Bordalla Robilotta.
- 0050 Sistema Nacional de Informacao e Documentacao Agricola (SNIDA). Av. W/3 Norte, Quadra 515, Bloco C, I andar, Brasilia. Tel: 2733100, ramal 155. Telex: 061 1337. Yone Chastinet.

Cameroon

- 0053 Bibliotheque de L'Ecole Nationale Superieure Agronomique. B.P. 138, Yaounde. Tel: 224588. Zoue Ela Elie.

Canada

- 0056 Alberta Energy and Natural Resources Library. Petroleum Plaza South Tower, 9915-108 Street, Edmonton, Alberta T5K 2C9. Tel: 403-4277425. Chief Librarian.
- 0057 Bibliotheque Scientifique. Universite Laval, Quebec G1K 7P4. Tel: 6563478.
- 0058 Bibliotheque, Centre de Recherches Forestieres des Laurentides. C. P. 3800, Ste. Foy, Prov. Quebec G1V 4C7. Tel: 418-6944428. Telex: 051-3765. Monique Kroon.
- 0059 Departmental Library, Department of Fisheries and the Environment. Ottawa, Ontario K1A 1C7. Tel: 9971768. Telex: 053-3799. Miss Helen McCuaig.
- 0063 Forestry Library, Faculty of Forestry, University of Toronto. Toronto, Ontario, M5S 1A1. Tel: 416-9786016. Librarian.
- 0065 Library, Eastern Forest Products Laboratory. 800 Montreal Road, Ottawa, Ontario K 16 325. Tel: 613-9939900, ext. 222. Librarian, Marjorie Wickens.
- 0067 Library, Maritimes Forest Research Centre, Canadian Forestry Service. P.O. Box 4000, Fredericton, New Brunswick E313 5P7. Tel: 506-4523541. Telex: 014-4615. Librarian or Information Officer.
- 0068 Library, Ministry of Forests. Parliament Buildings, Victoria, British Columbia V8W 3E7. Tel: 3873628. S.E. Barker.
- 0069 Library, Pacific Forest Research Centre, Canadian Forestry Service. 506 West Burnside Road, Victoria, British Columbia V82 1M5. Tel: 604-388311, ext. 146. Telex: 049-7177. Librarian, Alice Solyma.

- 0070 Macdonald College Library of McGill University. Barton Building, Macdonald College, Ste. Anne de Bellevue, P.Q. HOA ICO. Tel: 514-4572000. Telex: 05-821788. Miss Janet Finlayson.
- 0071 MacMillan Forestry/ Agriculture Library. 2075 Westbrook Mall, Vancouver, British Columbia V6T 1W5. Tel: 2283445; 2283609. Mary W. Macaree.
- 0073 Northern Forest Research Centre, Fisheries and Environment Canada. 5320-122d Street, Edmonton, Alberta T6H 355. Tel: 403-4357323; 403-4357324. David Robinson; Ron Pederson.
- 0074 Science Library, University of New Brunswick. Box 4400, Fredericton, New Brunswick E313 5A3. Tel: 506-4533566; 506-4533567. Ms. M.J. Veach.
- 0075 Service de Bibliotheque et de Documentation du Complexe scientifique du Canada (SOBCS). 2700 Rue Einstein, Sainte-Foy, Quebec GIP 3W8. Tel: 418-6439730. Telex: 051-3324; TWX 610-571-5517. Pierre Bazinet.
- 0076 Technical Information Centre, Forest Fire Research Institute. 240 Bank Street, Ottawa, Ontario K1G 3Z6. Tel: 613-9960814. Telex: 053-3393. Thomas W. Miles, Information Officer.
- 0078 The Library, FORINTEK Canada Corp., 6620 N.W. Marine Drive, Vancouver, British Columbia V6T 1X2. Tel: 604-2243221, Local 216. Telex: 04-508552. Marion E. Johnson, Librarian.

Chile

- 0081 Biblioteca Area Ciencias Agropecuarias. Casilla 537, Concepcion. Tel: 22645, Anexo 265. Norma V. de Ramirez.
- 0082 Biblioteca Central de la Universidad Austral de Chile. Casilla 39A, Valdivia. Tel: 39112681. Anexo 290. Elisabeth Saelzer.
- 0084 Biblioteca Rector Ruy Barbosa. Casilla 9206, Santiago. Tel: 587042, Anexo 25. O. Carmen Perez.
- 0085 Biblioteca, Instituto Forestal. Huerfanos 554, Casilla 3085, Santiago. Tel: 36517. Teresa Munos P., Bibliotecaria.
- 0086 Centro de Ciencias Forestales, Universidad de Concepcion, Biblioteca. Casilla 537, Chillan. Tel: 22645. Sra Norma Valderrama Reyes.
- 0088 Facultad de Ingenieria Forestal. Casilla 567, Valdivia. Tel: 3911, Anexo 225. Telex: 71035. Dr. Renato Grez Z.
- 0089 Laboratorio Productos Forestales. Casilla 53-C, Concepcion. Tel: 24985, Anexo 63. Jefe Laboratorio.

Colombia

- 0090 Instituto de Investigaciones Forestales. Carrera 8, No. 40-78. Apartado Aereo No. 8668, Bogota. Tel: 2424706. Hector Rojas Leon.
- 0091 Servicio de Informacion y Documentacion Forestal (SEIDAL). Apartado Aereo 091676, Calle 84, No. 20-05, Bogota. Tel: 2361573; 2567370; 2567390. Jefe del Servicio: Angela de Caldas.
- 0092 Universidad del Valle, Departamento de Bibliotecas, Seccion de Documentacion. Apartado Aereo 2188,

Cali. Tel: 591171, ext. 157. Cable: UNIVALLE. Clara Ines L. de Gonzales.

Congo

0093 Direction des Eaux et Forets et des Ressources Naturelles. B.P. 98, Brazzaville. Tel: 812459. Directeur.

Costa Rica

0095 Centro de Informacion Tecnologica. Apartado 159, Cartago, Tel: 511122. Ing. G. Mirabelli.
0096 Centro Interamericano de Documentacion, Informacion y Comunicacion Agricola. Turrialba. Tel: 560022. Depto. Ciencias Forestales-Catie.

Czechoslovakia

0098 Documentation Centre of the Faculty of Forestry, Department of Scientific Information. Zemedelska 1, 662 65 Brno. Tel: 604. Ing. B. Horak.
0103 Vyskumny ustav lesneho hospodarstva—odborove informacne stredisko/ Forest Research Institute. 960 92 Zvolen, Marxova 2175. Tel: 27311; 27312; 23397. Telex: 7284 VULHZ. C. Katarina Kobsvdobs.

Democratic Yemen

0104 Planning and Statistics Department. Ministry of Agriculture and Agrarian Reform, Aden. Tel: 22611. Cable: MINAGRIC ADEN. ANAL.

Ecuador

0108 Biblioteca Nacional. Sucre y Garcia Moreno, Quito. Tel: 212697. Sra. Mercedes Alvarez.
0109 Centro de Capacitacion e Investigacion Forestal "Luciano Andrade Marin." Conocoto, Provincia de Pichincha. Tel: 311092. Jefe del Centro Forestal de Conocoto.
0110 Facultad de Ciencias Agropecuarias. Apartado 'B' Loja. Tel: 961730. Dra. Elida Bertha Arias B.

El Salvador

0111 Biblioteca, Direccion General de Recursos Naturales Renovables. Apdo. Postal No. 2265, San Salvador. Tel: 270622. Personal de la Biblioteca.

Fiji

0112 Fiji Forest Department Library. Forest Department, Suva. Tel: 28151. A. Alston, Principal Utilization Officer.

Finland

0113 Forestry Library, University of Helsinki. Unioninkatu 40 B, 00170 Helsinki 17. Tel: 1924236. Annikki Karjalainen.
0016 Oy Wilh. Schauman AB, Jakobstads Mills, Library. POB 42, 68601 Jakobstad. Tel: 67-10444421. Telex: 7514 WSJST SF. Mrs. Riita Grahn.
0019 Technical Information Service, Technical Research Centre of Finland. Vuorimiehentie 5 SF-02150

ESPOO 15. Tel: 35804561. Telex: 12-2972. Mr. Sauli Laitinen, Director.

France

0123 Bibliotheque Nationale et Universitaire, Sections de Sciences et Techniques. 34, Bd. de la Victoire, Strasbourg; B.P. 1037/F, 67070 Strasbourg Cedex. Tel: 88-613323. M.E. Geiss.
0127 Centre Technique Forestier Tropical (C.T.F.T.). 45, bis Avenue de la Belle Gabrielle, 94130 Nogent-sur-Marne. Tel: 8733295. Telex: c/o UPIEX 220429 F.M. Grasser.
0130 Documentation—Centre de Recherches Forestieres d'Orleans. Ardon 45160 Olivet. Tel: 38-630206. Telex: INRAORL 760359 F. Mme. Garraud.
0131 Ecole Nationale du Genie Rural, des Eaux et des Forets. 14, Rue Girandet, 5402 Nancy Cedex.
0135 Service des Forets, Documentation. 1, Avenue de Lowendal, 75007 Paris. Tel: 5559550. Mme. Lemasson.
0137 Sous-Direction Documentation Information Etudes. 85, Bd du Montparnasse, 75270 Paris Cedex 06. Tel: 5559300, poste 41-44. Telex: STISI/202624F. Mme. Pruvot.

Germany, Federal Republic of

0141 Bibliothek der Forstlichen Fakultaet. Busgenweg 5, D-3400 Goettingen. Tel: 0551-393407. Librarian, Miss Christiane Kollmeyer.

Guatemala

0166 Centro Universitario del Nor Occidente (CUNO-ROC). Apartado Postal 68, Huehuetenango. Lic. Edgar Rolando Barrios R.

Honduras

0170 Biblioteca "ESNACIFOR." No. 2, Siguatepeque, Comayagua. Tel: 732011; 732075. Cable: ESNACIFOR, Siguatepeque, Comayagua, Honduras.
0171 Biblioteca del Centro Universitario Regional del Litoral Atlantico (CURLA). Universidad Nacional Autonoma de Honduras, La Ceiba, Atlantida. P.M. Victorina A. de Rivera.
0172 Sistema Bibliotecario. Ciudad Universitaria, Tegucigalpa. Tel: 2291017; exts. 122, 123, 124, 153, 212. Cable: BIBLIOTECA UNAH. Jefe de Servicios al Publico.

Hungary

0173 Erdeszeti es Faipari Egyetem Kozponti Konyvtara. Pf. 132, H-9401 Sopron. Tel: 11100. Telex: 249126 erdfa. Dr. Istvan Hiller, General Director of the Library.
0174 Forest Research Institute, Library. Frankel Leo u. 42-44, H-1023 Budapest. Tel: 150624; 351938. Dr. Kispeter Andrasne.
0177 Orszagos Muszaki Konyvtar es Dokumentacios Kozpont/ Hungarian Central Technical Library and

Documentation Centre. P.O. Box 12, Reviczky u. 6, H-1428 Budapest. Tel: 336309. Telex: OMKDK H 22-4944.

India

- 0178 A.P. Agricultural University Library and Documentation Centre. Hyderabad 500030. Tel: 48161. Cable: AGRIVARSITY. D.B. Eswara Reddy.
- 0183 Documentation and Bibliography Section, Forest Research Institute. P.O. New Forest, Dehra Dun, 248006. Tel: 7021, ext. 45. Cable: Documentation FORESEARCH, Dehra Dun. N.K. Mathur, Senior Research Officer.
- 0186 Kerala Forest Research Institute Library. Peechi 680653, Trichur, Kerala. Tel: Kannara—37. Librarian.
- 0187 Library and Information Centre, Indian Plywood Industries Research Institute. P.O. Box 2273, Tumkur Road, Bangalore 560 022. Tel: 38231. Cable: IPIRI—Bangalore, India. Shri C.N. Deshpabhu.

Indonesia

- 0192 Library of the Forest Research Institute. P.O. Box 66, Bogor. Tel: 163. Cable: LPHUT. Mr. Rubardi.

Iran

- 0194 Central Library and Documentation Center, Tehran University. Shahreza Avenue, Tehran. Tel: 6112842. Mr. Iraj Afshar.
- 0195 Forestry and Range Organization, Tehran. Tel: 652102, 6. Public Relations and International Affairs Dep.

Ireland

- 0198 Forest and Wildlife Service, Department of Fisheries Library. Sidmonton Place, Bray, Co. Wicklow. Tel: 867751. Librarian.

Italy

- 0204 Istituto di Selvicoltura. Via G. Amendola 165/A, 70100 Bari. Tel: 0806339761; 080-338769. Dr. Guiseppe Scarascia.
- 0206 Servizio Documentazione, Istituto del Legno. 38010 San Michele all' Adige (Trento). Tel: 0461-63168. Telex: 40453 ILSMA. O. Delmarco; E. Cristellotti.

Japan

- 0209 Faculty Library, Faculty of Agriculture, Nagoya University. Furo-Cho, Chikusa, Nagoya 464. Tel: 052-7815111. Ms. Michiko Iriyama, Staff Librarian.
- 0211 Kyoto United Nations Depository Library. Kanden Building, Shiokoji-Shinmachi, Shimogyo-ku, Kyoto 600. Tel: 075-3718331. Mr. T. Hayashi.
- 0215 Library, Wood Research Institute, Kyoto University. Uji, Kyoto. Tel: 0774-323111. Dr. Minoru Masuda, Library Committee.
- 0216 National Diet Library. Nagata-Cho 1-10-1, Chiyoda-Ku, Tokyo 100. Tel: 03-5812331. Cable: NADLIB

TOKYO. Y. Morita, Director, Division for Inter-library Services.

- 0220 Technical Coordination Division, Forestry and Forest Products Research Institute. P.O. Box 2, Ushiku, Ibaraki 300-12. Tel: 02987-33211, ext. 291. Director.

Kenya

- 0222 Kabete Library, University of Nairobi. P.O. Box 29053, Kabete. Tel: 592191. Cable: UNIVET. Assistant Librarian.

Luxembourg

- 0227 Bibliotheque, Academie Internationale de Manternach. B.P. Wecker, Luxembourg Ville. Tel: 71480. Yvan Van Garsse.

Malaysia

- 0234 Reference and Information Division, Library, Universiti Sains Malaysia. Minden, Penang. Tel: 883882, ext. 390; 881331. Telex: USMLIB MA4054.

Mexico

- 0238 Centro de Documentacion Forestal. Apd. 37, Chapingo, Edo de Mexico. Tel: 5854555, ext. 245, 230. Luis Pinonsosa.
- 0239 Centro de Ensenanza, Documentacion e Investigacion de la Produccion y Transformacion de la Madera y Derivados—CEDIMA. P.O. Box 6-725, Guadaluajara, Jalisco. Tel: 168806; 156987. Dr. Roman Lamas R.
- 0241 Instituto de Madera, Celulosa y Papel de la Universidad de Guadaluajara. Apartado Postal 4-120, Guadaluajara, Jal. Quim. Luz Elena Arce Castillo.
- 0242 Instituto Nacional de Investigacion y Capacitacion Forestales. Av. Progreso No. 5, Mexico 21, D. F. Tel: 5540422, ext. 142. Lic. Ma. de la Luz Vela Rosales.

Morocco

- 0244 Service Coordination, Synthese et Documentation. Direction des Eaux et Forets, Rabat, Chellah. Tel: 62565; 63946. Telex: 31696. Mr. Bendahman.

Netherlands

- 0246 Centre for Agricultural Publishing and Documentation (Pudoc). P.O. Box 4,6700 AA Wageningen. Tel: 08370-19146. Telex: 45015; Cable: PUDOC, Wageningen. Dr. H.C. Molster.
- 0249 International Institute for Aerial Survey and Earth Sciences (ITC). P.O. Box 6, 7500 AA Enschede. Tel: 053-320330. Telex: 44525; Cable: AERSUR Enschede. J.H. ten Haken.
- 0250 Research Institute for Forestry and Landscape Planning De Dorschkamp. P.O. Box 23, 6700 AA Wageningen. Tel: 08370-19050. Cable: DORSCHKAMP WAGENINGEN. Ms. G.H. Jansen, Librarian.
- 0252 State Forest Service. Postbox 20020, Utrecht. Tel: 030-859111. Telex: 47542. Jr. M.G. Wagenaar Hummelinck.

New Zealand

- 0254 Library, Forest Research Institute. Private Bag, Rotorua. Tel: 82179. Cable: FRESTRA. Librarian.
- 0255 N.Z. Forest Products Ltd., Head Office Technical Library. Private Bag, Auckland. Tel: 592899. Telex: NZ 2411; Cable: PINEX. Mrs. L. Comfort, Head Office Librarian.
- 0256 New Zealand Forest Service Library. Private Bag, Wellington. Tel: 721569. Telex: N.Z. 31011; Cable: FORESTRY. The Librarian.

Nicaragua

- 0257 Banco Central de Nicaragua, Biblioteca y Servicios de Informacion. 2252-2253 Managua. Tel: 22751; 22851. Telex: BANCEDENIC 56. Seccion Servicios al Publico.

Nigeria

- 0259 Department of Forest Resources Management. University of Ibadan, Ibadan. Tel: 462550, ext. 1433; ext. 1437. Telex: CAMPUS 31128 IBADAN. Head of Department.
- 0260 Department of Forest Resources Management Library. University of Ibadan, Ibadan. Tel: 62550/1433. Departmental Librarian.
- 0261 Forestry Research Institute of Nigeria Library. P.M.B. 5054, Ibadan. Tel: 24721/218. Telex: 31207; Cable: FORSEARCH. Principal Librarian.

Norway

- 0264 Library of the Agricultural University of Norway. N-1432, As-NLH. Telex: 17125 nlhbi. Astrid Alfnes.
- 0266 Norsk Treteknisk Institut/ The Norwegian Institute of Woodworking and Wood Technology. Box 337, Blindern, N-Oslo 3. Tel: 02-469880. Mr. Bjoern M oerk.

Papua New Guinea

- 0269 Papua New Guinea Office of Forests. P.O. Box 5055, Boroko. Tel: 254022. Cable: FORESTS. Chief Research Officer.

Peru

- 0270 Biblioteca Agricola Nacional. Apartado 456, Lima. Tel: 352035. Ruth Ivazeta de Barnett.
- 0271 Centro de Documentacion de la Direccion General Forestal y de Fauna. Zv. Sta. Cruz 734, Jesus Maria, Lima. Tel: 235833. Genny Alberca Vivanco.
- 0272 Departamento Academico de Forestales. Apartado 77, Universidad Nacional del Centro del Peru. Tel: 232392. Jefe del Departamento Academico de Forestales.

Philippines

- 0275 College of Forestry Library. College, Laguna 3720. Tel: 3440. The Librarian.
- 0279 Tarlac College of Agriculture Library. Camiling, Tarlac 2111. Chief, Library Services.

Poland

- 0282 Scientific Technical and Patent Information Service in the Field of Wood Science and Technology. ul. Winiarska 1, 60-654 Poznan. Tel: 46001. Telex: 0415506 ITEDE. Dr. Aleksander Kisielewski.

Romania

- 0290 Biblioteca Centrala a Universitatii Brasov. Bdul. Gh. Gheorghiu-Dej 9, 2200 Brasov. Tel: 44401. Service de Documentation.

Rwanda

- 0291 Bibliotheque de l'Universite National du Rwanda. B.P. 54, Butare. Tel: 271 (ligne exterieure UNR). Telex: 64 UNR BTE RW; Cable: UNIN-ARWA. Directeur des Bibliotheques.

Senegal

- 0294 Ecole des Agents techniques des Eaux et Forets. Ziguinchor. Tel: 91202. R. Pletscher.

Sri Lanka

- 0298 Forest Department Library. P.O. Box 509, Colombo 2. Tel: 32251. Cable: FORESTS, Colombo, Sri Lanka. Research Officer, Dr. K. Vivekanandan.

Sweden

- 0301 Extension Department, Forskningsstiffelsen Skogsarbeten. Drottninggatan 97, S-11360 Stockholm. Tel: 08-241920. Ingemar Nordanst.
- 0304 Riksdagsbiblioteket/ Parliament Library. S-100 12 Stockholm 46. Tel: 08-142020. Telex: 10184 PARL-BIB. Lennart Gronberg, Head Librarian.
- 0306 Sveriges Lantbruksuniversitets Bibliotek, Skogsbiblioteket. Box 718, S-901 10 Umeaa. Tel: 090-165000. H. Peter Hallberg, Head of Dep., Ultunabiblioteket, Uppsala.
- 0307 Sveriges Lantbruksuniversitets Bibliotek, Ultunabiblioteket. S-750 07 Uppsala. Tel: 018-102000. Telex: 76062 UTLBIBL S. Brita Rufelt.
- 0309 Troedsson Library, Swedish Forest Products Research Laboratory. Box 5604, S-I 14 86 Stockholm. Tel: 08-224340. Telex: 10880 WOODRES. Laila Gunnare.

Tanzania

- 0314 Library, Faculty of Agriculture, Forestry and Veterinary Science. P.O. Box 643, Morogoro. Tel: 2511. Cable: UNIAGRIC MOROGORO. Librarian, Head, Division of Forestry.

Tunisia

- 0321 Bibliotheque, Institut National de Recherches Forestieres (INRF). Route de la Soukra, B.P. 2, Ariana, Tunis. Tel: 230039; 230076; 230420; P. 218. Cable: TUNIREB ARIANA TUNISIE. M. Ghazi Khraief, Bibliothecaire.

United Kingdom

- 0326 Civil Engineering Library. Imperial College of Science and Technology, London SW7 2BU, England. Tel: 01-589111, ext. 1313. Telex: 261503. Librarian.
- 0334 Furniture Industry Research Association. Maxwell Road, Stevenage, Herts. SG1 2EW. Tel: 3433. Mrs. P. A. Bristow.
- 0336 Institute of Terrestrial Ecology. Bush Estate, Penicuik, Edinburgh EH26 OQB, Scotland. Tel: 031-4454343. Telex: 72579. Librarian.
- 0337 Library Service, Institute of Terrestrial Ecology. Merlewood Research Station, Grange-over-Sands, Cumbria, England. Tel: 044-842264. Telex: 65102. J. Beckett.
- 0338 Library, Building Research Establishment, Princes Risborough Laboratory. Princes Risborough, Aylesbury, Bucks., England. Tel: 084-443101. Librarian.
- 0339 Macauley Institute for Soil Research. Craigiebuckler, Aberdeen AB9 2QJ, Scotland. Tel: 38611. Librarian.

United States of America

- 0357 Current Research Information System (CRIS), U.S. Department of Agriculture, SEA/TIS. National Agricultural Library Building, Beltsville, Maryland 20705. Tel: 301-3443846. Mr. John R. Myers, Director.
- 0368 Energy and Environmental Response Centre (EERC). Oak Ridge National Laboratory, Bldg. 2028, P.O. Box X, Oak Ridge, Tennessee 37830. Tel: 4838611, ext. 30386. Don J. Wilkes.
- 0381 Hardtner Memorial Forestry Library. Louisiana Technical University, Ruston, Louisiana 71272. Tel: 318-2573555. Mr. Fred Brewer.
- 0384 Library, Department of Forestry, Wildlife and Fisheries. University of Tennessee, Knoxville, Tennessee 37901. Tel: 615-9747126. G. Schneider, Head.

- 0385 Library, Institute of Tropical Forestry, Southern Forest Experiment Station, Forest Service, U.S. Dep. Agric. P.O. Box AQ, Rio Piedras, Puerto Rico 00928. Tel: 809-7534336. J. Feheley, Library Technician.
- 0390 North Central Forest Experiment Station, Library. 1992 Folwell Avenue, St. Paul, Minnesota. Tel: 612-6450841, ext. 257. Floyd L. Henderson.
- 0399 School of Forestry Library. University of Montana, Missoula, Montana 59801. Tel: 406-2435522.
- 0400 Science Division, Morris Library. Southern Illinois University at Carbondale, Carbondale, Illinois 62901. Tel: 618-4532700. George Black, Science Librarian.
- 0405 Southeastern Forest Experiment Station. P.O. Box 2570, Asheville, North Carolina 28802. Tel: 704-2582850, ext. 621. R.C. Biesterfeldt.
- 0410 Washington State Library. Olympia, Washington 98504. Tel: 206-7533087.
- 0412 Weyerhaeuser Company. P.O. Box 420, Centralia, Washington 98531. Tel: 206-7368241. Donna Loucks.

Yugoslavia

- 0419 Forest and Wood Library. Vecna pot 2, 61000 Ljubljana. Tel: 254761. Ing. Marja Zorn.
- 0420 Indok Sluzba za Boldarstvo/Indoc Service for Forestry; Indok Sluzba za Lesarstvo/Indoc Service for Wood Technology. P.O. Box 486, Vecna Pot 30, 61001 Ljubljana. Tel: 061-264761. Marija Zorn; Dusan Robic; Marjeta Gorsic; Niko Torelli.

Zaire

- 0424 Bibliotheque Centrale, Universite Nationale du Zaire. Campus de Kisangani, B.P. 2012, Kisangani. Tel: 3007. Telex: 19. Lelo Mamosi, Bibliothecaire en Chef.

B. Questionnaire

This questionnaire was mailed to approximately 300 producers of documentation services of potential interest to forestry, or forest products, or both. In addition to

English, French and Spanish versions were used when appropriate. The response to this questionnaire provided the data for all but eight (marked with an asterisk) of the entries in this directory.

QUESTIONNAIRE

1977 Output

FIELD 1. GENERAL DESCRIPTIVE DATA

- 1.1 (a) What is the full title of the publication, magnetic tape service or other main product issued by your service? (E.g. *Forstliche Umschau*, *Wildlife Abstracts*, *Wood Industry Abstracts*, etc.) If the publication or output is issued in more than one section, please complete a separate questionnaire for each series (e.g. *Bulletin Signalétique* -- 17: *Biologie et Physiologie Végétales* ; *Bulletin Signalétique* -- 18: *Sciences Agricoles*.....).
-
-
-
- (b) Abbreviated name or ACRONYM
- (c) In what year was it first issued with the above title?
- (d) Was the above issued under any previous title(s)? If so, please give the title(s) and the inclusive years for each.
-
-
-
- (e) Do the contents of the above title in 1.1(a) overlap substantially with those of any other service you also issue and which has its own distinct title? (E.g. the computer-readable data-base *ECOLOGY AND ENVIRONMENT* corresponds exactly to the printed form *Chemistry Abstracts*, sections 4, 17, 19, 53, and 59-61.)
-
-
-
- 1.2 What is the name and full postal address of the publisher?
-
-
-
-

1.3 Issuing organization

What is the name and full postal address of the organization responsible for compiling and distributing this service (if different from 1.2)?

.....

1.3.1 How is the issuing organization financed?

- ☐ by a government
- ☐ by a university
- ☐ by a professional or industrial association
- ☐ as a commercial enterprise
- ☐ by an international organization (e.g. FAO)
- ☐ by a private foundation
- ☐ other (please specify)

1.3.2 The issuing organization belongs :

- ☐ to one country only.
- ☐ to two or more countries.
- ☐ to a regional or international organization.

Name the country/countries/organization

, ...

1.4 If the service has an associated library or documentation center, what is its name and full postal address?

.....

1.5 What type of organization(s) or group(s) of individuals would find your service helpful?

.....

FIELD 2. INPUT

2.1 Source of citations

- (a) Are all the citations derived from the primary (i.e. original) literature? ☐ YES
☐ NO
- (b) How many different journals are regularly scanned for input?
- (c) How many secondary sources (other abstract journals, bibliographic title services, etc.) are regularly scanned for input?
- (d) ☐ A list of the publications scanned is available.
- (e) Sources of data-base citations are approximately of the following percentages :
- | | |
|--|--------------------------------|
|% Journal articles |% Manufacturers' catalogs |
|% Monographs, dissertations, theses |% Patents |
|% Government documents & reports |% Secondary sources |
|% Conference papers (either from
published proceedings or preprints) |% Other |

2.2 Coverage2.2.1 Geographic coverage

- (a) ☐ The service covers the primary literature about all areas of the world.
- (b) ☐ Geographic coverage is limited to the primary literature :
- ☐ on a specific region.
- ☐ on a group of countries.
- ☐ on one country.

Name the country/countries/region :

.....

.....

2.2.2 Coverage by languages

- (a) ☐ The primary literature of forestry, forest products, and/or related fields for almost all languages is covered.
- (b) ☐ Only the following languages are ☐ COVERED or ☐ EXCLUDED :

.....

.....

.....

2.2.3 Coverage by subject

- (a) The subject coverage includes : ☐ forestry and forest products.
☐ forestry alone.
☐ forest products alone.
☐ specific subject areas (shown in 2.2.3(c) below).

- (b) What was the number of abstracts and of cited titles produced in 1977?

ABSTRACTS

CITED TITLES

- (c) What was the approximate number of abstracts and/or cited titles produced in each of the following subject areas in 1977?

FORESTRY

Abstracts

Cited titles

Forest ecology (including climate, animal habitat, water-soil-root relations, etc.)

Silviculture (including genetics)

Forest management (including mensuration, harvesting, land-use planning)

Forest economics (including taxation, land ownership, stand evaluation)

Insects, diseases and damage (other than fire)

Fire

Range management

Game, wildlife and fish management

Recreation

FOREST PRODUCTS

Abstracts

Cited titles

Physical and mechanical properties of wood
(including strength tests, standards)

Wood chemistry (including extractives)

Milling and machining of lumber

Veneer; Plywood; Composite boards (including
particleboard, hardboard, adhesion and
adhesives)

Pulp and paper

Preservation; Seasoning

Wood as a source of energy

Marketing of forest products

2.2.4 Data base (card file, magnetic tape, etc.)(a) Do you compile more citations than you actually publish or otherwise issue?☐ Yes☐ No(b) If so, what is the total number of citations you compiled in 1977?(c) What is the cumulative number of citations in your data base up to and including 1977?
.....FIELD 3. DATA HANDLING METHODS

Which method of data handling do you use?

☐ Manual (includes vertical cards, peek-a-boo cards, manually sorted cards, etc.)☐ Mechanical (paper tapes, machine-punched cards, etc.)☐ Computerized (electronic data processing)

FIELD 4. OUTPUT

4.1 Output data

Does the output consist of:

- ☐ Title citations only (i.e. bibliographic references) ?
- ☐ Title citations plus keywords?
- ☐ Title citations plus informative or indicative abstracts?

4.2 Language(s) of titles

Are the document titles given in:

- ☐ The original language(s) only?
- ☐ In translation only? Specify translation language(s)
- ☐ In both the original language(s) and in translation? Specify translation language(s) :

4.3 Language(s) of abstracts

If abstracts are published or otherwise issued, specify the language(s) in which they are written :

4.4 Arrangement

(a) The output is arranged by :

- ☐ subject
- ☐ titles of the documents
- ☐ author
- ☐ titles of primary journals or sources scanned
- ☐ other arrangement (please specify)

4.5 Indexes

4.5.1 Author index

- (a) ☐ An author index is published every months.
- (b) ☐ A cumulative author index is published every ☐ months.
☐ years.

4.5.2 Subject index

- (a) ☐ A subject index is published every months.
- (b) ☐ A cumulative subject index is published every ☐ months.
☐ years.
- (c) What is the average number of subject index terms per citation?
- (d) ☐ A controlled vocabulary (thesaurus) is used. ☐ YES
 If so, is it available for examination? ☐ NO
- (e) The following type of subject indexing is used :
- ☐ Conventional alphabetical
- ☐ KWOC (Keyword-out-of-context)
- ☐ KWIC (Keyword-in-context)
- ☐ Other (please specify)

4.5.3 Geographical index

- ☐ A geographical index is published every ☐ months.
☐ years.

4.5.4 Other indexes

If other types of indexes (e.g. taxonomic) are issued, please specify

.....

.....

4.6 Output form, price and frequency4.6.1 Output form

In which of the following forms is the output available?

- | | |
|--|---|
| ☐ Journal | ☐ Card service |
| ☐ Computer print-out | ☐ Microforms (Microfilm, microfiche, etc.) |
| ☐ Manually sorted punched cards | ☐ Machine punched cards |
| ☐ Punched tapes | ☐ Magnetic tapes |
| ☐ Other (please specify) | |

4.6.2 Annual price and frequency

Please give below the annual price and frequency of issue for each output form checked in 4.6.1.

4.6.21 Type of form (please specify)

- (a) This form is issued : ☐ irregularly.
☐ every week(s).
☐ every month(s).

(b) The annual price for this form is :

In country of issue (in its own currency)
 In country of issue (in \$ U.S.)
 Outside issuing country (in its currency)
 Outside issuing country (in \$ U.S.)

4.6.22 Type of form (please specify)

- (a) This form is issued : ☐ irregularly.
☐ every week(s).
☐ every month(s).

(b) The annual price for this form is :

In country of issue (in its own currency)
 In country of issue (in \$ U.S.)
 Outside issuing country (in its currency)
 Outside issuing country (in \$ U.S.)

IF MORE THAN TWO FORMS ARE AVAILABLE, PLEASE PUT THE ABOVE INFORMATION FOR THOSE FORMS ON A SEPARATE SHEET OF PAPER AND ATTACH AT THE END OF THIS QUESTIONNAIRE; PLEASE NUMBER THE INFORMATION --- 4.6.2.

4.6.3 Bibliographic record elements of output

Each bibliographic record of the output contains the following elements, whenever applicable to the citation :

- | | |
|--|--|
| ☐ Record number | ☐ Conference title |
| ☐ Personal author(s) | ☐ Source available |
| ☐ Corporate author(s) | ☐ Price of item, when known |
| ☐ Original title | ☐ Keywords |
| ☐ Translated title | ☐ Abstract |
| ☐ Report or patent number | ☐ Digest |
| ☐ Series and/or journal title(s) | ☐ Subject headings |
| ☐ Serial volume/issue reference | ☐ Author(s)' address(es) |
| ☐ Place of publication | ☐ CODEN |
| ☐ Publisher | ☐ ISSN |
| ☐ Date of publication | ☐ ISBN |
| ☐ Indication of item source or item type (jnl., monog., govt. doc...) | ☐ Geographic location of subject material |
| ☐ Collation (pagination, illustr., etc.) | ☐ Other (please specify) |
| | |

4.7 Additional services

What additional services are provided from the data-base?

- ☐ SDI (Selective dissemination of information)
- ☐ Retrospective retrieval searches
- ☐ Other services (please specify)

4.8 Back-up services

(a) In addition to your principal output, what other non-data-base services do you provide?

- ☐ Full size copies of original documents
- ☐ Microcopies of original documents
- ☐ Library loans of original documents
- ☐ Translations of original documents
- ☐ Other services (please specify)
-

- 4.8 (b) If a translation service is provided, please specify from which language(s) and into which language(s) :

From	Into
From	Into
From	Into
From	Into

We would very much appreciate it if you would send us any brochures or other descriptive literature that you have telling about your service.

PLEASE ATTACH ADDITIONAL NOTES, COMMENTS OR INFORMATION
BELOW OR ON SEPARATE SHEETS OF PAPER

and

please remember to include the number
of the section referred to.

THANK YOU!

Evans, Peter A., and Gary L. Skupa, compilers.

1981. **International directory of documentation services concerning forestry and forest products.** Gen. Tech. Rep. PS W-47, 71 p. Pacific Southwest Forest and Range Exp. Stn., Forest Serv., U.S. Dep. Agric., Berkeley, Calif.

This directory lists 120 documentation services concerned with forestry, forest products, or related fields in 28 countries. The entry for each service includes title of service, cost, publisher, subject coverage, formatting data, input sources, indexing and data-handling methods, and availability of special services other than the primary ones of indexing and abstracting.

Retrieval Terms: indexing services, abstracting services, documentation services, forestry—indexing and abstracting, forest products—indexing and abstracting.