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AGRICULTURAL LIBRARIES INFORMATION NOTES



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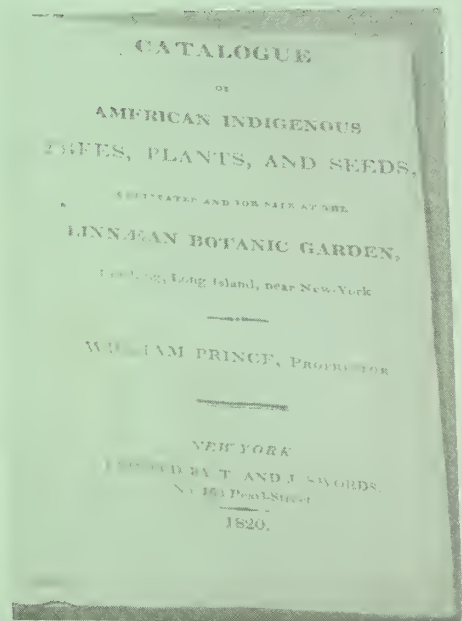
NURSERY AND SEED CATALOGS

By Jayne T. MacLean*

A charming book of collected essays by Katherine S. White, entitled *Onward and Upward in the Garden* (Ed. E.B. White, N.Y., Farrar, Straus, Giroux, 1979), is a review of nursery and seed catalogs, an appreciation of their authors, and a sharing of the winter vision of sun-warmed earth and flourishing acres of flowers, vegetables, and trees that these catalogs evoke. The extensive popularity it enjoys is a testament to the degree that it touches a common chord in the fraternity of devoted gardeners. By mid-summer, when one's garden is a reality, the catalogs so eagerly ordered and read from last winter are usually tossed out. In libraries these trade lists are also often discarded when the next year's edition arrives. Very few libraries in this country maintain their catalogs for long periods or collect them from a large number of firms. However, there are good arguments for doing so.

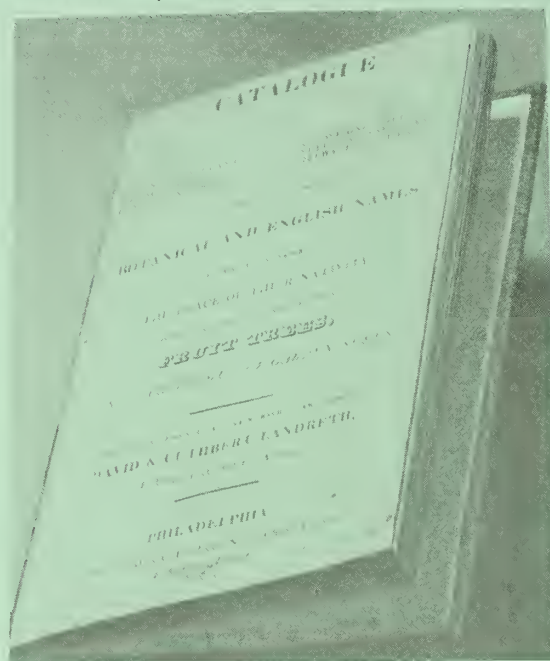
For example, when a plant systematist is conducting a literature search to determine the first officially published description of a species or variety, he may need to consult old nursery and seed trade catalogs -- an underexploited historical treasure. Often these catalogs contain the first announcements of plant varieties imported or developed by the commercial plantsman. They range from one-page broadsides to lavishly illustrated tomes complete with growing instructions or discourses on the joys of horticulture.

Early Prince nursery catalog

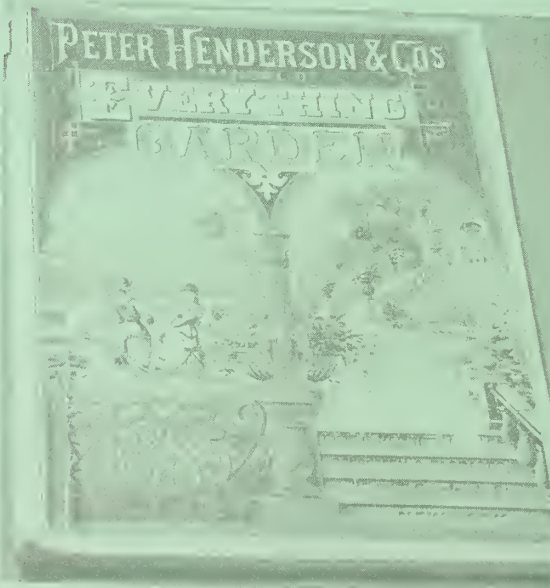


Professional nurserymen and seedsmen were doing business in America by the time of the Revolution, although botanists and hobbyists on both sides of the Atlantic had been trafficking in and exchanging seeds and plants from the earliest colonial times. One of the first indigenous catalogs that we know of (dated 1771) was issued by William Prince, of Flushing, New York; a broadside listing fruit trees for sale. The Prince family tradition in the nursery trade continued through three generations to 1866. Other nurserymen who were established around the turn of the 19th Century included David Landreth Seed Company of Philadelphia (first catalog in 1811); Bernard McMahon, also of Philadelphia, most famous for his multi-edition book, *American Gardener's Calendar*, first published in 1806 and continued for 60 years; Ephraim Goodale of Bucksport,

Landreth was well established by the time this catalog was issued



Tastes in dress and garden design were often illustrated on catalog covers during the late 1800's



Lavishly colorful pictures attracted the Victorian period gardener



One of the foremost western artists, C.M. Russell enlivened this Northrup seed catalog



Maine; John Bartram & Son of Philadelphia; and Grant Thorburn & Son, New York. Examples of the catalogs and advertisements of these early plantsmen fortunately have been preserved in some public and private collections.

Others who find nursery and seed catalogs a rich vein of historical information are social historians tracing the daily lives of people in various periods and sections of the country as they shaped, and were shaped by, their surroundings. Glimpses of industrial and economic history are also found, as frequently pictures of gardening and farming implements appear in the same catalogs as plants and seeds. Art historians are able to gain insights into popular tastes during a given

period. Specialists in landscape or garden restoration find many important clues to plants used at a particular time and to styles of layout and design of gardens.

Nursery and seed trade catalogs are becoming more and more recognized as a valuable resource; unfortunately collections are scarce. One reason has been the lack of recognition of their value as research material. Another aspect, very real in most libraries, historical societies, and institutions where collections exist, is a shortage of storage space. With collections that contain historical catalogs, another problem prevails - the actual disintegration of the paper on which they were printed, a familiar problem with many older books, pamphlets and periodicals. Preservation measures, such as encasing materials in acid-free folders or boxes, are expensive time-consuming, and are usually undertaken for only the most valuable items. Incidentally, antiquarian book dealers report that old and rare catalogs now enjoy a considerable monetary value.

Nurseries and seed houses were frequently family businesses; family photographs imparted an aura of reliability valuable to a mail order trade



An organization which has become increasingly concerned about the scarcity of nursery and seed trade catalogs is the Council on Botanical and Horticultural Libraries, of which the National Agricultural Library (NAL) is a member. The Council has set in motion a nationwide survey intended to discover, first, what institutions have collections of catalogs, and later, what the actual holdings consist of, *i.e.*, the companies represented and for what years. The polling of likely institutions is being conducted by Council members on a regional basis, using a standard questionnaire. The information requested includes:

-Do you have nursery or seed catalogs?

-In approximately what quantities?

-From what time periods (before 1830, 1830-1870, 1870-1920, or contemporary)

-Is collection listed or cataloged?

-What geographic areas predominate?

An interim report of the survey yields eye-opening results. In the 20 states and provinces of the U.S. and eastern Canada surveyed so far only about 288 libraries and institutions reported holdings of nursery or seed catalogs (mostly current rather than historical). This is well below the figures estimated prior to the survey. Final tabulations will be published by the Council, when the survey is completed.

Preliminary to the Council's survey, NAL provided a record of its file of older catalogs to various members as a resource for the regional polling. Since the NAL collection is one of the most extensive in the U.S., these records present an accurate picture of firms in the nursery and seed trade business during the period from the turn of the 19th century to the mid-1950's.

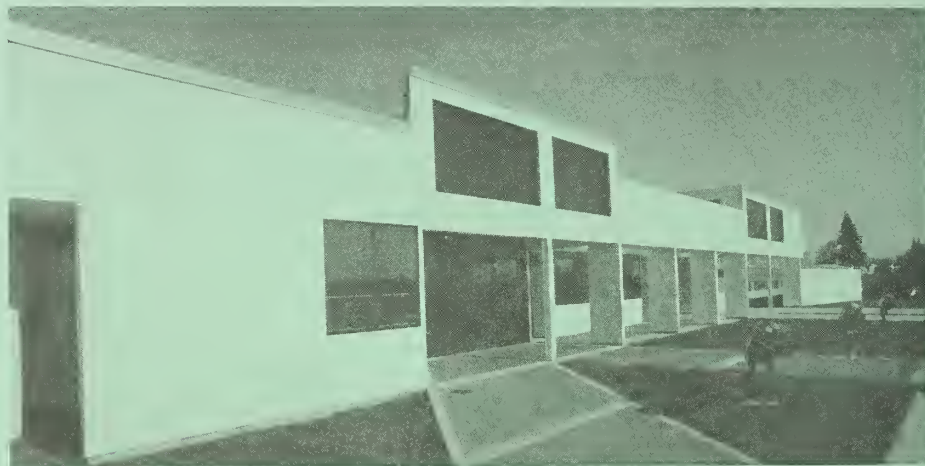
The Library's newest additions are recorded by an automated check-in system designed to facilitate record-keeping and assist the reference staff in retrieving information from the catalogs. Records for 1978, consisting of about 500 catalogs, have been computer-loaded and can be searched online. Updates for the 1979 and 1980 catalogs are soon to be entered.

Such efforts give hope that a neglected research resource will begin to receive the attention and care that it deserves. For further information on nursery and seed catalogs contact *the author* at NAL; telephone: (301) 344-3937. ☎

**Jayne T. MacLean is a reference librarian, National Agricultural Library, Beltsville, MD.*

GERMPLASM REPOSITORY SYSTEM

The first U.S. Department of Agriculture facility in a nationally coordinated system that will provide a major source of germplasm needed to develop improved varieties of fruit and nut plants that must be propagated vegetatively was dedicated at Corvallis, Oregon on April 15.



The building is a white, ultramodern, 40,000 square foot facility sitting on 3.79 acres. It has six greenhouses, in which most plant materials will be grown with the exception of pears and filberts, which will be grown outside.

Germplasm is the hereditary materials scientists use to breed superior plants. These efforts result in new varieties that resist insects and diseases, are more tolerant of adverse environmental stresses and have other traits conducive to sustained high yields.

The germplasm, often whole plants, will be made available to agricultural scientists doing research for the USDA, state agricultural experiment stations and industry throughout the country. To the extent possible, germplasm materials also will be made available to researchers and plant breeders in other countries.

Preservation of germplasm is important for a strong and productive agriculture. Wild plants are being lost as their habitats are destroyed by industrialization and urbanization. Cultivated native varieties around the world are being discarded as farmers plant the new higher yielding varieties. Unless we take steps to prevent it, much valuable plant germplasm will be lost forever.

The clonal germplasm repository system will, when completed, consist of 12 facilities throughout the country. Locations will be selected to provide the full range of climatic requirements of the plants to be included in the repository collections.

(GERMPLASM, Con. on p. 9)

AWARDS

The Associates of the National Agricultural Library, Inc. present awards annually in recognition of achievements in agricultural librarianship by the staff of the National Agricultural Library, the land-grant agricultural libraries, or the agricultural library community at large. Two awards were presented at the annual meeting of the Associates NAL, Inc. on July 9.

Tatiana Tontarski, reference librarian with the National Agricultural Library, received the DISTINGUISHED SERVICE AWARD.

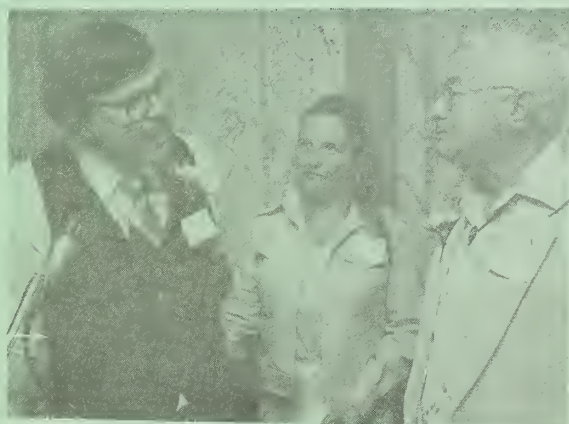
*Left to right,
Tatiana Tontarski,
Harry Trelogan, Pres.,
Leila Moran, Exec. Sec.,
Associates NAL, Inc.*



Her citation read "Besides providing a high level of traditional services, Ms. Tontarski has been, for the past five years, the TIS liaison officer to the agricultural libraries of the Soviet Union. As a result of two visits to Moscow and her continuing efforts locally our exchange and interlibrary loan relationships remain strong, despite the political situation. Ms. Tontarski is the official hostess and interpreter for visiting groups who speak the Slavic languages. She maintains the flow of publications to the NAL collections and makes quick claims for those that have not been received. Her liaison activities have proved to be of great benefit to USDA groups dealing with the Soviets."

Alan and Donna Fusonie received jointly the PROFESSIONAL ACHIEVEMENT AWARD for their work as editors of the Journal of NAL Associates. "Alan and Donna have donated many hours of

*Left to right,
Alan Fusonie,
Donna Jean Fusonie,
Harry Trelogan*



(AWARDS, Con. on p. 11)

FOOD AND NUTRITION DOCUMENTS IN MICROFORM


Food and Nutrition is the first authoritative microform reference program for institutions supporting programs in food service management, nutrition, public health, home economics, dietetics, social work and related disciplines. The microform collection is an ongoing program, reflecting a cooperative effort between the Microfilming Corporation of America and the USDA's Food and Nutrition Information Center (FNIC) located at the National Agricultural Library.

The AGRICOLA data base includes the FNIC subfile which provides bibliographic citations and abstracts for materials in the FNIC collection. FNIC's holdings meet a wide range of research needs in the areas of human nutrition, food service management, and nutrition education. FNIC's collection offers a diversity of opinions and possible solutions to problems of food and nutrition. Included are materials on the components of good nutrition as well as the technical aspects of food preparation.

The Food and Nutrition base collection's 934 documents were filmed from the holdings of FNIC. The microform collection is organized into the following 13 subject areas: 1) Consumer Protection, 2) Diet and Diet Related Diseases, 3) Nutrition Education and Career Development, 4) Food Composition, 5) Food Service Management, 6) Home Economics, 7) Human Nutrition, 8) Legislation, 9) Nutrition Education, 10) Outlook, Policies and Programs, 11) Physiology of Human Nutrition, 12) U.S. Nutrition Programs - Specific, and 13) General. The base collection features difficult to acquire materials from State Departments of Education, State Cooperative Extension Agencies, and Federal agencies such as the Department of Health and Human Services, the Department of Agriculture as well as private agencies.

Updates will be offered in the Food

and Nutrition Microform Program. The first Update, scheduled for winter 1981 release, will include approximately 250 documents on 500 microfiche. Additional specialized Updates will cover nutrition education materials developed through USDA nationwide nutrition programs such as the Nutrition Education and Training Program and the Supplemental Feeding Program for Women, Infants, and Children administered by the Food and Nutrition Service.

Food and Nutrition provides a bibliographic control and access. A printed guide and library catalog cards provide maximum access and control to information on the microfiche. The first section of the guide provides bibliographic data for each entry. The second section of the guide features subject, author and title indexes which provide direct access to the microfiche. Cost of the complete collection, including the guide, is \$3,500 and is available from Microfilming Corporation of America, New York Times Company, 1620 Hawkins Avenue, P.O. Box 10, Sanford, North Carolina 27330. (800) 344-7501. 

MICROFILMING OF AGRICULTURAL DOCUMENTS

The National Agricultural Library has signed an agreement with the libraries of the Universities of Delaware and Maryland, Cornell and Rutgers Universities, and with Pennsylvania State University to microfilm the land-grant agricultural publications of these institutions. A call for bids on the filming is expected in early fall from Pennsylvania State University which is serving as the regional coordinating institution. Dr. Keith Roe at Pennsylvania State is coordinator of the project (814-865-7056). The National Agricultural Library batches its funds with land-grant libraries to accomplish this archival filming task. This cooperative effort will provide a record of an estimated 635,000 pages of land-grant publications from these five states. Publications of SUNY College of Environmental Sciences and Forestry at Syracuse will be included in the New York
(MICROFILMING, Con. on p. 9)

ROLAND SCHOENIKE RECEIVES OBERLY AWARD

Roland E. Schoenike, professor of forestry at Clemson University, Clemson, South Carolina, received the 1981 Eunice Rockwell Oberly Award for Bibliography in the Agricultural Sciences June 27 in San Francisco at the American Library Association's 100th Annual Conference.

Schoenike was chosen for his 5,891 citation monograph, *Yellow Poplar (Liriodendron tulipifera L.): An Annotated Bibliography to and Including 1974*, published by Clemson's Department of Forestry in the College of Forest and Recreation Resources.

Schoenike has been at Clemson University since 1963 and has published extensively in the field of forestry, including articles in *Tree Planters Notes* and *Silvae Genetica*.

The Oberly Memorial Award, instituted in 1925, is presented in odd-numbered years to an American citizen who compiles the best bibliography in agriculture or related sciences in the preceding two-year period. The award is administered by the Science and Technology Section of the Association of College and Research Libraries and consists of a certificate and a check for \$300. The Oberly Fund, the Council of Botanical and Horticultural Libraries, Inc., and The Associates NAL Inc., each contribute \$100 to the award.

Copies of Schoenike's bibliography are obtainable only from the Department of Forestry, College of Forest and Recreation Resources, Clemson University, Clemson, SC 29631, at a cost of \$6.00. ☞

(GERMPLASM, Con. from p. 6)

The National Plant Germplasm Committee planned and designed the repository system. The committee includes representatives of USDA's Agricultural Research Service, state agricultural experiment stations, and industry.

A national system already is in place to preserve germplasm of plants propagated from seed. It consists of USDA's four regional plant introduction and testing stations and the national seed storage laboratory.

Germplasm collections in the form of seeds now includes more than 400,000 samples. The national fruit and nut germplasm repositories represent a major expansion of the germplasm preservation system and are designed to do the same thing for plants propagated vegetatively.

The curator of the new plant germplasm repository is Dr. Otto Jahn. The telephone number of the laboratory is (503) 757-4448 and (FTS) 420-4448. The address is: The North West Plant Germplasm Repository, 33447 Peoria Road, Corvallis, Oregon 97331. ☞

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State filming through Cornell. When these states are completed, a total of 38 states will have been covered in this cooperative effort which has been underway for seven years.

The states which most recently completed filming are the land-grants of Colorado, Kansas, Minnesota, Montana, North and South Dakota whose film will be available for sale in September by Graphic Microfilm Division of the Spaulding Company, 80 Hawes Way, Stoughton, MA 02072 (617-838-8090). They may be contacted for price lists on these new sets or on other states they have filmed. The agricultural publications of Washington State University are presently being filmed by the same firm. ☞

AGRICULTURAL
TRANSLATIONS



National Agricultural Library reviews titles before translations are made in order to avoid duplication within USDA. We also receive copies often for in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at NAL. These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. _____ along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. _____ MUST be on the request. Both types of requests should be sent to:

Lending Division
National Agricultural Library
U.S. Department of Agriculture
Beltsville, Maryland 20705

The Technical Translation Number will also be cited for those translations prepared for the U.S. Department of Agriculture and the National Science Foundation under the P.L. 480 program. Copies of these translations may also be ordered from the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, IL 60616.

Akimov, I. A. and Starovir, I. S.
Morpho-Functional Adaptation of
Digestive System of Three Species of
Phytoseiidae (Parasitiformes,
Phytoseiidae) to Predatoriness.

Translated from Russian: *Dopovydy
Akademiy Nauk Ukrayns'koy RSR, Seryya
B. Geologychny, Khymychny ta
Biologychny Nauki*, 7: 635-638, 1978.
Trans. No. 27235.

Bozhko, M. F. Desiccation of Sunflower
Fields--An Important Reserve for
Increasing Production and Improving the
Qualities of Seeds and Oil. Translated
from Russian: *Maslo-zhirovaya Prom.*,
12: 9-12, 1978. Trans. No. 27203.

Cancellieri, Sandro, with Ravagnan,
Gino. The "Italian Way" of Eel
Farming. Translated from Italian:
*Italian Fishfarming and Ichthyopathology
Review (Rivista Italiana di Piscicoltura
e Ittiopatologia)*, 14: (1), 1979.
Trans. No. 27092.

Georgiev, B. Dynamics of Development
of *Fasciola hepatica* L., 1758, in
truncatula Galba. Translated from
Bulgarian: *Veterinary Science, Sofia*,
15(10): 45-50, 1978. Trans. No.
27101.

Hamasaki, Hiroko and Uemura, Sakan.
One or Two Nutritional Conditions
Connected with the Production of Welsh
Bacillus Enterotoxin. Translated from
Japanese: *Japanese Journal of
Bacteriology*, 34(1): 215, 1979.
Trans. No. 27194.

Kravchuk, V. F. Helminthological
Evaluation of Pastures in Relation to
Prophylaxis of Fascioliasis. Translated
from Russian: *Veterinariia*, 56: 48-50,
1979. Trans. No. 27113.

Murata, Manoru. A Newly Discovered
Squid Drift Netting Method. Translated
from Japanese: *Hokkaido Regional
Fisheries Research News (Hokusuiken
Nyusu)*, 20: 10, 1979. Trans. No.
27089.

Sarkisyan, B. G., et al. Certain
Physical-Chemical Properties of
Okhotskiy Virus. Translated from
Russian: *Vop. Virus.*, 24(4): 372-377,
1979. Trans. No. 27229.

Schlotfeldt, H. J. Infectious
Pancreatic Necrosis (IPN) of Salmonids.
Part I: Etiology, Epizootology and
Control. Translated from German:
Tieraertzliche Umschau, 34: 539-546,
1979. Trans. No. 27084-5.

Schlotfeldt, H. J. Infectious
Pancreatic Necrosis (IPN) of Salmonids.
Part II: Laboratory Diagnosis.
Translated from German: *Veterinary
Review*, 9(1): 599-605, 1979. Trans.
No. 27085.

Uemura, Sakan. Conditions For
Production of Welsh Bacillus
Enterotoxin--Results From Heat Treatment.
Translated from Japanese: *Japanese
Journal of Bacteriology*, 34(1): 214,
1979. Trans. No. 27197.

AMERICAN FARM EXHIBITION

How do you keep them down on the farm?


With innovative machinery and increased productivity, according to a new exhibition titled "The Changing American Farm 1831-1981" at the Smithsonian's National Museum of American History from May 18 through November 1 in the third floor special exhibition gallery.

In commemoration of the 150th anniversary of McCormick's invention of the American reaper, the Smithsonian has mounted an exhibition of the landmark machines that forever altered and improved American farming. The exhibition was made possible by a grant from International Harvester.

"Ever since John Deere introduced his 'singing plow,' which boosted plowing capability in the country by a factor of 10, American farming has undergone a tremendous growth and change," curator John T. Schlebecker, organizer of the exhibition says. The Deere invention was called a singing plow because it seemed to hum with its own vibration as it sped across the prairie.

In a catalogue essay, Schlebecker comments that "150 years ago one U.S. farm worker produced enough food and goods to supply four people. Today's farmer produces enough food for 68 people--a 17 fold increase."

For the exhibition, Schlebecker and designer Deborah Bretzfelder have devised an innovative display technique incorporating large photographic dioramas, set on raised platforms, of modern-day farming technology in each of the four seasons. These murals form a proscenium and a backdrop for the early machines that made farming history.

A catalogue of the exhibition is available and may be purchased in the museum shop, National Museum of American History, Smithsonian Institution, Washington, D.C. 20560. 


INFORMATION NEEDS IN AGRICULTURE


Farmers must be provided with the best information available in order to help them decide on methods of modernising their production systems and increasing their productivity and income.

With this aim in mind, the Commission of the European Communities and a working group of agricultural delegates from the member countries have pinpointed new ideas and proposals for keeping pace with the growing requirements of the whole agricultural community.

The conclusions of their analysis have been summarised in a report "Some Information Needs of the European Community in Selected Fields of Agriculture", which lists national programmes underway and possibilities for coordination, cooperation and development at Community level.

Important items covered include the provision of factual information, improving information exchange, and making optimal use of existing resources.

Further details on the paper can be obtained via "Euronet DIANE News," Jean Monnet Building, B4 009 CEC, 1615 Luxembourg (Grand Duchy) 

(AWARDS, Con. from p. 7)
personal time in developing the *Journal* since 1976. Their combined efforts have included solicitations of articles, editing, layout, and production. The success of their efforts can be measured by the broad character of the membership. The *Journal of the Associates* is currently indexed in *Historical Abstracts and America: History and Life and AGRICOLA.* 



The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged. The foreign titles are available from the Library through loan or photocopy.

*Alcohol Fuels Bibliography (1901-March 1980).** (Solar Energy Research Institute. SERI/SP-751-902). Golden, CO, Solar Energy Research Institute. April 1981. 458 p. Approx. 1,500 annotated citations. Order from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 061-000-00505-6. Price: \$9.50.

An Annotated Bibliography of Remote Sensing for Highway Planning and Natural Resources. Daniel L. Civco, William C. Kennard, and Michael W. Lefor. (Storrs Agricultural Experiment Station Bulletin, No. 456). Storrs, CT, Storrs Agricultural Experiment Station, College of Agriculture and Natural Resources, The University of Connecticut. January 1980. 136 p. 152 citations with abstracts. Order from: Publisher, Storrs, CT 06268. Price: \$4.00. (NAL call no.: 100 C76S).

Avian Mortality at Man-Made Structures: An Annotated Bibliography (revised). Michael L. Avery, Paul F. Springer, and Nancy S. Dailey. (U.S. Fish and Wildlife Service. Office of Biological Services. FWS/OBS-80/54). Washington, D.C., Fish and Wildlife Services, U.S. Department of the Interior. July 1980. 152 p. 1,042 citations. Order from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 024-010-00560-2. Price: \$5.50. (NAL call no.: QH540.U56).

*This bibliography has been widely distributed to land-grant libraries and agricultural libraries, cooperating forestry institutions, colleges and schools of forestry, Experiment Station directors and personnel conducting energy projects, Extension agents, foreign institutions and libraries, AID, and key USDA personnel.

Bibliografia Sinaletica sobre a Cultura do Algodao Arboreo: Gossypium hirsutum variedade marie galante, Hutch (Synalectic Bibliography on Arboreal Cotton Culture). Direceu Justiniano Vieira and Elisabete de Oliveira Serrano. Lagoa Seca, Brazil, Setor de Informacao e Documentacao, Unidade de Execucao de Pesquisa de Ambito Estadual, EMBRAPA. 1980. 54 p. 82 citations. Order from: Publisher, Edificio Venancio 2000--2 Subsolo Caixa Postal, 1316, 70.333--Brasilia, DF, Brazil. Price unavailable. (NAL call no.: Z5701.V5).

Bibliografia sobre Industrializacao de Frutas (Fruit Industry Bibliography). Suzana Sperry. Pelotas, Brazil, Setor de Informacao e Documentacao, UEPAE de Cascata, EMBRAPA. 1980. 70 p. 162 citations. Order from: Publisher, Edificio Venancio 2000--2 Subsolo Caixa Postal, 1316, 70.333--Brasilia, DF, Brazil. Price unavailable. (NAL call no.: Z5996.F8S7).

Bibliography of Aquatic Ecosystem Effects, Analytical Methods and Treatment Technologies for Organic Compounds in Advanced Fossil-Fuel Processing Effluents Michael D. Marcus, et al. (Ecological Research Series, EPA-600/3-80-026). Duluth, MN. Environmental Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency. February 1980. 354 p. 1,314 citations. Order from: National Technical Information Service, Springfield, VA 22161. Order No. PB80177140. Price: \$26.00. (NAL call no.: TD1.E2).

Bibliography of Publications on Damage Assessment in Forestry and Agriculture by Remote Sensing Techniques. J. Henninger and G. Hildebrandt. 2nd enl. edition. Freiburg, West Germany, (s.n.). April 1980. 280 p. 806 citations. Price unavailable. (NAL call no.: SD387.R4H4).

The Canada Goose (Branta canadensis): An Annotated Bibliography. Scott R. Craven. (U.S. Fish and Wildlife Service. Special Scientific Report. Wildlife No. 231). Washington, D.C., U.S. Department of the Interior, Fish and Wildlife Service. 1981. 66 p. 646 citations. Order from: Publisher, Editorial Office, Aylesworth Hall, CSU, Fort Collins, CO 80523. Free. (NAL call no.: 156.2 Sp33).

A Comprehensive Bibliography on Vacation Homes and Recreational Lands in the United States. Richard L. Ragatz and H. Ken Cordell. (USDA Forest Service Research Paper SE-202). Asheville, NC, U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. March 1980. 31 p. 619 citations. Order from: Publisher, Post Office Building, P.O. Box 2570, Asheville, NC 28802. Free. (NAL call no.: A99.9 F7623U).

English and Foreign Publications on Hops. C. E. Zimmermann. (U.S. Department of Agriculture. Bibliographies and Literature of Agriculture, No. 20). Washington, D.C., U.S. Department of Agriculture, Science and Education Administration. June 1981. 89 p. 620 English citations and 543 foreign language citations. Order from: Publications and Distribution, SEA--Information Staff, Room 6007 South Building, USDA, Washington, D.C. 20250. Free. (NAL call no.: aZ5076.A1U56).

Gel'mintozy Sel'skokhoziaistvennykh Zhivotnykh i Ptits: Ukazatel' Literaturny za 1975-1979 gg... (Helminthosis of Farm Animals and Fowl: Literature Guide for 1875-1979, 887 Domestic Titles, 402 Foreign Titles). K. IA. Tarasova. Moskva, TsNSKb VASKhNIL. 1980. 203 p. 1,289 annotated citations. Price unavailable.


Land Tenure and Agrarian Reform in East and Southeast Asia: An Annotated Bibliography. Compiled by the Staff of

the Land Tenure Center Library under the direction of Teresa J. Anderson, Librarian. Boston, G.K. Hall. 1980. 557 p. Approx. 2,110 citations. Order from: G.K. Hall & Co., 70 Lincoln Street, Boston, MA 02111. Price: \$45.00. (NAL call no.: Z7165.A743U54).

Mekhanizatsiia Uborki Zernovykh Kul'tur: Ukazatel' Literaturny za 1977-1979 gg... (Mechanization of Cereal Crop Harvesting: Guide to Literature for 1977-1979, 723 Domestic Titles, 191 Foreign Titles). L.G. Klosel. Moskva, TsNSKb VASKhNIL. 1980. 135 p. 914 citations. Price unavailable.

Rooting Habits of Selected Commercial Tree Species of the Eastern United States: A Bibliography. Penninah Smith and Lenne Every. (U.S. Department of Agriculture. Bibliographies and Literature of Agriculture, No. 10). Washington, D.C., U.S. Department of Agriculture, Forest Service. November 1980. 59 p. 1,360 citations. Order from: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 001-001-00560-6. Price: \$3.75. (NAL call no.: aZ5076.A1U56).

Royas del Cafeto (Hemileia spp.): Bibliografia. Suplemento Tercera Edicion (Coffee Leaf Rust (Hemileia spp.): Bibliography. Supplement, Third Edition. Carmen Villegas. (Documentacion e Informacion Agricola, No. 60). Turrialba, Costa Rica, Centro Interamericano de Documentacion, Informacion y Comunicacion Agricola, Biblioteca y Terminal de Servicios. 1980. 41 p. Approx. 400 citations. Order from: CIDIA, Centro Interamericano de Documentacion e Informacion Agricola, Turrialba, Costa Rica. Price unavailable. (NAL call no.: 241 IN86B).

Uluchshenie Lugov i Pastbischch: Ukazatel' Literaturny za 1978-1979 gg... (Improving Meadow and Pasture Lands: Guide to Domestic Literature for 1978-1979, 808 Titles, to Foreign for 1978-1979, 336 Titles). M.N. Aliamovskaia and N.P. Ivanova. Moskva, TsNSKb VASKhNIL. 1981. 183 p. 1,144 annotated citations. Price unavailable. 

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for six months. Revisions or updates will be re-numbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branch
National Agricultural Library
USDA
NAL Bldg., Room 302
Beltsville, MD 20705

NAL--BIBL.--81-03. *Ginseng, 1970-February 1981*. 194 citations from AGRICOLA. Search by Jerry Rafats. March 1981.

NAL--BIBL.--81-04. *Nitrogen Fixation in Soybeans, 1975-1980*. 130 citations from AGRICOLA. Search by Jayne T. MacLean. March 1981.

NAL--BIBL.--81-05. *Therapy Through Horticulture, 1970-1980*. 59 citations from AGRICOLA. Search by Henry Gilbert. March 1981.

NAL--BIBL.--81-06. *Allelopathy: The Harmful Effects of Chemicals Produced by One Plant Upon Another, 1978-1980*. 71 citations from AGRICOLA. Search by Henry Gilbert. March 1981.

NAL--BIBL.--81-07. *Agroforestry and Farm Woodlots, 1969-1981*. 208 citations from AGRICOLA. Search by Charles N. Bebee. March 1981.


NAL--BIBL.--81-08. *Transportation of Commodities, 1976-January 1981*. 242 citations from AGRICOLA. Search by Charles N. Bebee. March 1981.

NAL--BIBL.--81-09. *Guayule, 1969-March 1981*. 54 citations from AGRICOLA. Search by J. Rafats. April 1981.

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NAL--BIBL.--81-11. *Erosion of Slopes and Gullies, 1969-1980*. 129 citations from AGRICOLA. Search by Charles N. Bebee. April 1981.


NAL--BIBL.--81-12. *Louisiana Sugarcane Industry, 1969-1981*. 145 citations from AGRICOLA. Search by Jayne T. MacLean. June 1981.

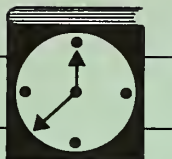
NAL--BIBL.--81-13. *Sugarcane Production, Jan. 1980-May 1981*. 179 citations from AGRICOLA. Search by Jayne T. MacLean. May 1981. 

Clearances have been given to USDA authors to compile or publish the titles listed below. These titles have not been published as yet and therefore, are not available for distribution. Upon publication, they will be cited in the "New Bibliographies" or "New Publications of Note" column of this publication.

Bibliography of the Sugarcane Borer, Diatraea saccharalis (Fabricius). Richard M. Roe, A. M. Hammond, Jr., and T. E. Reagan. For information contact: David Pyrah, Office of the Regional Administrator, ARS/USDA, 701 Loyola Avenue, P.O. Box 53326, New Orleans, LA 70153.

Great Plains Irrigation, 1975-80: A Literature Review. Curtis A. Everson and Rodney L. Sharp. For information contact: Judith Latham, ERS/IS/RIB, Room 1658 South Building, USDA, Washington, D.C. 20250.

Recent Developments in Agricultural Trade Modeling in the United States. Robert L. Thompson. For information contact: Thomas McDonald, ERS, Room 1644 South Building, USDA, Washington, D.C. 20250. 



October 5-7: *5th Biennial Wind Energy Conference*. Washington, D.C. Contact: Conference Development Branch, SERI, 1617 Cole Boulevard, Golden, CO 80401. (303) 231-7361.

October 6: *Human Nutrition Contemporary Controversies*. Lincoln University, Jefferson City, MO. Contact: E.M. Wilson, College of Applied Science & Technology, Lincoln University, Jefferson City, MO 65101.

October 6-8: *National Energy Workshop*. (ECOP approved) Fort Collins, CO. Also Washington, D.C., November 16-18. Contact: Conference Development Branch SERI, 1617 Cole Boulevard, Golden, CO 80401. (303) 231-7361.

October 25-30: *American Society for Information Science, 44th Annual Meeting*. Washington, D.C. Contact: Carol Wasserman, ASIS '81 Public Relations Committee, 1010 16th Street, N.W., Washington, D.C. 20036.

November 2-5: *USDA Outlook Conference*. Washington, D.C. Contact: Sally Michael, WFAOSB, Rm. 3510 So. Agri. Bldg., U.S. Department of Agriculture, Washington, D.C. 20250.

November 8-11: *National Association of State Universities and Land-Grant Colleges*. Contact: Ruth N. Smlth, Sulte 710, 1 Dupont Circle, Washington, D.C. 20036. Tel: (202) 293-7120.

November 9-12: *National Extension Wildlife and Fisheries Workshop*. Baton Rouge, LA. Contact: James E. Miller, Program Leader, Fish & Wildlife, Natural Resources Unit, SEA-Ext., Room 5925 South Bldg., Washington, D.C. 20250. Tel: (202) 447-7947 or James Fowler, Ext. Wildlife Specialist, Louisiana State University, Cooperative Extension Service, Knapp Hall, Baton Rouge, LA 70805. Tel: (504) 388-4141.

November 11-13: *Small Farms in a Changing World: Prospects for the Eighties*. Kansas State University, Manhattan, Kansas. Contact: Farming Systems Research Symposium, International Agricultural Programs, Waters Hall, Kansas State University, Manhattan, KS 66506. (913) 532-5715.


November 15-18: *Research for Small Farms*. Beltsville Agricultural Research Center, Science and Education Administration, U.S. Dept. of Agriculture, Beltsville, MD. Contact: Special Symposium Office, Room 230, Bldg., 003, BARC-West, USDA, Beltsville, MD 20705.

December 8-10: *Fifth International On-Line Information Meeting*. London, England. Contact: Organizing Secretary, Online Information Meetings, Online Review, Learned Information, Besselsleigh Road, Abingdon, Oxford OX 13 6LG, England. Tel: 0865-730275. Telex: 837704.

1982

February 2-6: *International Conference on Chemistry and World Food Supplies--The New Frontier (CHEMRAWN II)*. Manila, Philippines. Contact: Joyce Torio, CHEMRAWN II Coordinating Office, International Food Policy Research Institute, 1776 Massachusetts Avenue, N.W., Washington, D.C. 20036.

February 8-12: *International Society for Human and Animal Mycology*. VIIIth Congress. Palmerston, N.Z. Contact: Secretariat, Massey University, University of Extension, P.O. Box 63, Palmerston, New Zealand.

March 1-6: *State 4-H and Home Economics Leaders' Workshop*. Chevy Chase, MD. National 4-H Center. Contact: Opal Mann or Eleanor Wilson, SEA/Extension, Room 5407, So. Agri. Bldg., Washington, D.C. Tel: (202) 447-2908. 

NEW SERIALS
RECEIVED AT NAL



NEW PUBLICATIONS
OF NOTE



- Pig News and Information.* Farnham Royal, England, Commonwealth Agricultural Bureaux. q. Vol. 1, 1980- SF391.P55
- PCH. Physicochemical Hydrodynamics.* Oxford, New York, Pergamon. Vol. 1, 1980- QD450.P4
- Journal of Receptor Research.* New York, New York, Dekker. Vol. 1, 1980- QH603.C43J6
- Journal of Immunoassay.* New York, New York, M. Dekker. q. Vol. 1, 1980- RB46.5.A2J6
- IAWA Bulletin. New Series.* Leiden, Netherlands, International Association of Wood Anatomists. q. Vol. 1, 1980- QK647.12
- Developments in Meat Science.* London, Applied Science Publishers. irr. Vol. 1, 1980- TS1960.D42
- Cell Calcium.* Edinburgh, New York, Churchill Livingstone. m. Vol. 1, 1980- QP772.V53C4
- Protection of the Environment, Nutrition.* Hamburg, B. Behr's Verlag. irr. Vol. 1, 1980- TD169.U6
- Quantum Theory of Chemical Reactions.* Dordrecht, Boston, D. Reidel Publishing Company. Irr. Vol. 1, 1980- QD462.5.Q38
- The NAL call no. was printed incorrectly in the June issue for *Fauna Norvegica. Ser. A.* Oslo, Norsk Zoologisk Tidsskriftsentral. q. Vol. 1, 1980-
Correct call no. is QL289.F32

Economics, Ethics, Ecology: Roots of Productive Conservation. Walter E. Jeske, ed. Based on material presented at the 35th annual meeting of the Soil Conservation Society of America, August 3-6, 1980, Dearborn, Michigan. Ankeny, Iowa, Soil Conservation Society of America (1981). 454 p. \$10; \$8 members, postpaid. Order from the Society, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021. ISBN 0-935 734-07-4.

Guide to Sources for Agricultural and Biological Research. J. Richard Blanchard and Lois Farrell. Berkeley, University of California Press, 1981. 672 p. \$47.50. Order from Publisher, ISBN 0-520-03226-8. Announced for Fall publication.

Windpower, A Handbook on Wind Energy Conversion Systems. V. Daniel Hunt. N.Y., Van Nostrand Reinhold, 1981. \$39.50. Order from Publisher.

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CAPITOL HILL LEGISLATION

- Legislation of Agricultural Significance passed by the 96th Congress. See Supplement to *ALIN* vol. 7 no. 3, March 1981 for a fuller listing.
- P.L. 96-229 Authorize appropriations for environmental research, development, and demonstration for 1980.
- P.L. 92-289 Authorize appropriations to carry out national sea grant program for 1981, 1982, and 1983, and for other purposes.
- P.L. 96-345 Provide for accelerated program of wind energy research and demonstration, to be carried out by Department of Energy with support of NASA and other Federal agencies.
- P.L. 96-355 Amend Rural Development Act of 1972.
- P.L. 96-374 Amend and extend Higher Education Act of 1965. October 3. In part, gave land-grant status to Community College of American Samoa and to College of Micronesia. The Law says that any provision of Federal law related "to the operation of or provision of assistance to the land-grant college in the Virgin Islands and Guam shall also apply to the land-grant colleges in American Samoa and Micronesia." This means they both become eligible for Hatch funding and for any other Federal support for an agricultural research program, just like any other land-grant university.
- P.L. 96-457 Extend certain authorities of Secretary of the Interior with respect to water resources research and development and saline water conversion research and development programs.
- P.L. 96-469 Provide for research in diagnosis, prevention, and control of malignant tumors in domestic animals, poultry, and wildlife.
- P.L. 96-512 Methane Transportation Research, Development, and Demonstration Act of 1980.
- P.L. 96-516 Promote the full use of human resources in science and technology through a comprehensive program to maximize potential contribution and advancement of women in scientific, professional, and technical careers.

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 CONGRESS SENATE RECORDS

MAKING
Making appropriations for Agriculture, Rural Development, and related agencies programs for the fiscal year ending September 30, 1981.

NEW LEGISLATION
New Legislation Introduced in the Congress.

- H.R. 870 Established the Domestic and International Hunger Foundation. Rep. Gilman (NY). To Committees on Agriculture and Foreign Affairs. January 16. Bill provides, among other things, for Foundation to lend assistance for research and studies on world hunger problem and public perception of this problem; and to publish and otherwise disseminate results of hunger-related research, studies, or investigations deemed appropriate by Foundation.
- H.R. 930 Establishes a commission to study alternative methods to use of live animals in laboratory research and testing. Rep. Rosenthal (NY). To Committee on Science and Technology. January 19.
- H.R. 1309 Provides grants to 1890 land-grant colleges, including Tuskegee Institute, for the purpose of assisting these institutions in purchase of equipment and land, and planning construction, alteration, or renovation of buildings to strengthen their capacity for research in food and agricultural sciences. The whole Committee met for markup of the bill June 9 and reported the bill out to the full House. The only change made in the bill was in the subcommittee--where in Sec. 4 the provision concerning a report to Congress 69 days prior to a grants award was deleted.
- H.R. 2110 Promotes the development of methods of research, experimentation, and testing that minimize the use of, and pain and suffering to, live animals. Rep. Donnelly (MA). Jointly to the Committees on Energy and Commerce, and Science and Technology. February 25.
- H.R. 2160 Amends Potato Research and Promotion Act. Reps. Panetta (CA) and Morrison (WA). To Committee on Agriculture. February 25.
- H.R. 2216 Establishes a National Energy Trust Fund, and provides for use of such Fund by Secretary of Energy in conducting and supporting research, development, and demonstrations designed to develop alternative energy sources. Reps. Pursell (MI), Weiss (NY), Sawyer (MI), Jeffords (VT), and Stokes (OH). To Committee on Science and Technology. February 26.
- H.R. 2561 Increases by 5 years period during which activities may be carried out under Agricultural Research, Extension, and Teaching Policy Act of 1977, expands scope of activities authorized in such act, and for other purposes. Rep. Wampler (VA). To Committee on Agriculture. March 17.

- H.R. 2773 Transfers to Secretary of Agriculture certain functions relating to fish research. Rep. Bethune (AR). To Committee on Merchant Marine and Fisheries. March 23. Transfers from Department of the Interior to USDA the Stuttgart Fish Farming Experimental Station.
- H.R. 2977 Beginning Farmers Assistance Act of 1981. Hearing on June 17 by Committee on Agriculture: Subcommittee on Forests, Family Farms and Energy and Subcommittee on Conservation, Credit and Rural Development.
- H.R. 3115 Authorizes appropriations for environmental research, development, and demonstrations for 1982, and for other purposes. Rep. Scheuer (NY) et al. To Committee on Science and Technology. April 7.
- H.R. 3137 Maintains and enhances U.S. leadership in information science and technology by establishing an Institute for Information Policy and Research to address national information policy issues; provides a forum for interaction of government, industry, and commerce, and educational interests in formulation of national information policy options; provides a focus and mechanism for planning and coordinating Federal research and development activities related to information science and technology; and amends National Science and Technology Policy, Organization, and Priorities Act of 1976 to create a new position of Special Assistant for Information Technology and Science Information. Rep. Brown (CA). To Committee on Science and Technology. April.
- H.R. 3271 Extends Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for 1 year. Rep. Brown (CA). To Committee on Agriculture. April 28.
- H.R. 3354 Amends Federal Insecticide, Fungicide, and Rodenticide Act. Rep. Wampler (VA). To Committee on Agriculture. April 30.
- H.R. 3432 Water Resources Policy Act of 1981. Committee on Agriculture: Subcommittee on Conservation, Credit and Rural Development, hearing June 16.
- H.R. 3441 Establishes a coordinated program under direction of Office of Science and Technology Policy for improving and facilitating use of risk analysis by those Federal agencies concerned with scientific and technological decisions related to human life, health, and protection of the environment. Reps. Ritter (PA) Fuqua (FL), and Brown (CA). To Committee on Science and Technology. May 5.
- H.R. 3603 Provides price and income protection for farmers, assure consumers an abundance of food and fiber at reasonable prices, continue food assistance to low income households, and for other purposes. Reps. de la Garza (TX) for himself and Foley, Bedell, Bowen, Brown, Coelho, Harkin, Hatcher, Huckaby, Jeffords, Jones (TN), Jones (NC), Richmond, Rose, and Volkmer. To Committee on Agriculture. May 18. Committee reported bill, as amended, to House on May 19. On May 20, bill was referred by the Speaker of

House to Committee on Appropriations for a period not to exceed 15 legislative days, with instructions to report back to the House. This is the Ag Committee's "Food and Agriculture Act of 1981" bill.

- H.R. 3613 Enables producers and importers of flowers and plants to establish, finance, and carry out a coordinated program of research, producer and consumer information, and promotion to improve, maintain, and develop markets for flowers and plants. Rep. Coelho (CA) et al. To Committee on Agriculture. May 19.
- S. 716 Amends Federal Property and Administrative Service Act of 1949 to permit State and county extension services, and any State agricultural experiment station, to obtain excess property from the United States. Sens. Nunn (GA), Chiles (FL), and Sasser (TN). To Committee on Governmental Affairs. March 13.
- S. 842 Provides for stability and certainty in planning and management of certain National Forest lands. Committee on Energy and Natural Resources: Subcommittee on Public Lands and Reserved Water concluded hearings June 17 after receiving testimony from Senator Hart; John Crowell, Assistant Secretary of Agriculture for Natural Resources and Environment, and Max Peterson, Chief, U.S. Forest Service, Department of Agriculture.
- S. 862 Amends Potato Research and Promotion Act. Sen. Armstrong (CO). To Committee on Agriculture, Nutrition, and Forestry. April 2. Would change the method by which assessment is calculated to link assessment to the value of potatoes themselves, rather than set it "at an arbitrary level which inflation rapidly erodes" as is situation now.
- S. 884 The Senate version of the Food and Agriculture Act of 1981, was reported out of Committee to the Senate June 1. (S. Rept. No. 97-126).
- S. 945 Amends Consolidated Farm and Rural Development Act and Small Business Act. Sen. Helms (NC) (by request). Jointly to Committees on Agriculture, Nutrition, and Forestry, and Small Business. April 8.
- S. 994 Provides price and income protection for farmers and assures consumers of an abundance of food and fiber at reasonable prices, and for other purposes. Sen Huddleston (KY) et al. To Committee on Agriculture, Nutrition, and Forestry. April 10. A revision of the Food and Agriculture Act of 1977.
- S. 1007 Food Stamps and Commodity Distribution. Senate passed S1007, authorizing funds for fiscal years 1982 through 1985 for program after agreeing to a committee amendment in nature of a substitute and taking action on additional amendments proposed. June 10.
- S. 1036 Extends Federal Insecticide, Fungicide, and Rodenticide Act, as amended for two years, and for other purposes. Sen. Helms (NC) by request. To Committee on Agriculture, Nutrition, and Forestry. April 29.

- S. 1037 A bill entitled the "National Rangeland Research Act of 1981." Sen. Melcher (MT). To Committee on Agriculture, Nutrition, and Forestry. April 29.
- S. 1295 Establishes a Soybean Research Institute for the purpose of coordinating and conducting research programs, encouraging soybean exports, and providing the leadership for a national soybean policy. Sen Heflin (AL). To Committee on Agriculture, Nutrition, and Forestry. June 2. Subcommittee on Agriculture Research and General Legislation held hearings on June 19.
- S. 1237 Provides grants to 1890 land-grant colleges, including Tuskegee Institute, for purpose of assisting these institutions in purchase of equipment and land, and planning, construction, alteration, or renovation of buildings to strengthen their capacity for research in the food and agricultural sciences. Sen. Heflin (AL). To Committee on Labor and Human Resources. May 20.



