Economic Botany

INDEXES TO VOLUMES 1–50
1947–1996

Part 1. AUTHOR/TITLE INDEX

Part 2. CHRONOLOGICAL INDEX

Part 3. SUBJECT INDEX

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Published for
The Society for Economic Botany by
The New York Botanical Garden Press

The paper used in this publication meets the requirements of the American National Standard for Information Sciences—Permanence of Paper for Publications and Documents in Libraries and Archives (ANSIO/NISO Z39.48–1992).

Printed in the United States of America using soy-based ink on recycled paper.

Library of Congress Cataloging-in-Publication Data

Cover Illustration adapted from Oakes Ames, *Economic Annuals and Human Cultures,* Botanical Museum of Harvard University, Cambridge, 1939: 61. Original in Leonhart Fuchs, *De Hitoria Stirpium Commentarii Insignes* 1542: 428

The New York Botanical Garden Press
200th Street and Kazimiroff Boulevard
Bronx, NY 10458-5126
USA

www.nybg.org

INDEX TO VOLUMES 1–50, 1947–1996

The first cumulative index of *Economic Botany* was a chronological listing of titles, ''The First Decade, Articles and Abstracts in *Economic Botany,* Volumes **1–10**'' which appeared in **10**:393–399. A twenty-year index was prepared by Biological Abstracts at the request of the Society for Economic Botany and published for the society by The New York Botanical Garden in 1967. The twenty-year index was based upon significant words from the titles of articles and upon taxonomic names extracted from the text of articles.

The INDEX TO VOLUMES **1–50,** comprises three parts:

Part 1. The AUTHOR/TITLE INDEX is arranged by the first significant word of article titles, and by author names. Each author of articles having more than one is listed separately. The complete set of authors for any article is listed with the title. The AUTHOR/TITLE INDEX was prepared, directly from journal issues and from the computerized indexes of the last six volumes by Sandi Frank, former Managing Editor of *Economic Botany* and Director of Scientific Publications of The New York Botanical Garden.

Part 2. The CHRONOLOGICAL INDEX lists the articles in each volume and serves both as a reference for the SUBJECT INDEX and as historical guide to changing interests in the field of economic botany. Gaps in pagination are book reviews, announcements or other items that were not included in the SUBJECT INDEX. The CHRONOLOGICAL INDEX was extracted from the AUTHOR/TITLE INDEX.

Part 3. Entries in the SUBJECT INDEX are followed by volume number in bold print, then page number. Page numbers refer to articles in which a subject entry occurs, not to the number of occurrences or the extent of coverage. For example, the name of the medlar, *Mespilus germanica,* is referenced in four volumes, **20** 138, **29** 351, **40** 403, and **43** 328. Turning to the CHRONOLOGICAL INDEX for each reference, the titles of articles reveal that **20** 138 is concerned with the protein and oil content of the seeds along with the seeds of hundreds of other species, **29** 351 refers to its place among introductions into early New England, **40** 403 treats its appearance with other domesticates in sixteenth-nineteenth century paintings, and **43** 328 refers to a lengthy article entirely devoted to the medlar. Some categories, for example, gums, oilseed, and waxes, are cross indexed with species names.

Annual indexes of the first 50 volumes varied in their content and format. Some included only genus names and some volumes were not indexed at all. Because of these and other variations, the pages of most of volumes prior to 1980 were reviewed and items to be included were marked and then typed into a word processing application. In many instances, entire pages and tables were scanned and the resulting copy was inserted into the word processing application. Common names and other terms in *Economic Botany* have varied over the years, and an attempt has been made in the index to bring about some uniformity in order to reduce the number of separate entries, for example, chickpeas not chick peas or chick-peas and oilseed, not oil seed. So much variation was encountered in the terminology of some categories, especially diseases and disorders, that many potential entries were excluded. The Latin names of many species have been changed during the period spanned by volumes 1–50 and some of these changes are recognized in the index, but the index is not intended to be authoritative in nomenclature.

The completed word processing compilation for each of the 50 volumes, was turned over to Micki Taylor who combined the volumes and reorganized the text into a preliminary alphabetical index using indexing software. At this stage numerous errors and variants in plant names and other entries, the application of italics, upper/lowercase letters, and the like were recognized and corrected. Original journal articles, typing, and scanning were fruitful sources of errors. The organized copy produced by the indexing program was converted into a word processing application and edited for errors and inconsistencies.

Many references were consulted in editing the subject index, however, the General Editor is responsible for all errors. Those references most often used in editing the subject index are:

Economic Botany pp. 1–372. 2001

Australian National Botanic Gardens, Canberra, Australian Plant Names Index, www.anbg.gov.an/anbg/names.html

Gray Herbarium, Harvard University, Gray Card Index, www.herbaria.harvard.edu/data/Gray

Jain, S. K. 1991. *Dictionary of Indian Folk Medicine and Ethnobotany,* DEEP Publications, New Delhi.

Mabberley, D. J. 1989. *The Plant-Book,* Cambridge University Press, Cambridge.

Uphof, J. C. 1959. *Dictionary of Economic Plants,* H. R. Engelmann (J. Cramer), Hafner Publishing Co., New York.

USDA, NRCS 1999. The PLANTS database (http://plants.usda.gov/plants). National Plant Data Center, Baton Rouge, LA 70874-4490 USA.

Webster's Third New International Dictionary. 1993. Philip Grove, ed. G. & C. Merriam & Co. Springfield, MA

Willis, J. C. 1951. *A Dictionary of Flowering Plants and Ferns,* sixth edition, Cambridge University Press, Cambridge.

LAWRENCE KAPLAN, General Editor

50-YEAR INDEX
ECONOMIC BOTANY
AUTHOR/TITLE INDEX
VOLUMES 1–50, 1947–1996

Arranged alphabetically by author and title. See **TITLE ENTRY** for full set of authors. For year of publication, see volume number under Chronological Index

- Betelvine (*Piper betle* L., Piperaceae), V. R. Balasubrahmanyam and A. K. S. Rawat **44** 540–543
- Bishop's Weed (*Ammi majus* L., Apiaceae), James A. Duke **42** 442–445
- A Botanical Enigma in the Amazon, Richard Evans Schultes **41** 454–456
- The Bur Gherkin (*Cucumis anguria* var. *anguria,* Cucurbitaceae), John R. Baird and John W. Thieret **42** 447–451
- A Caffeine Drink Prepared from Bark, Richard Evans Schultes **41** 526–527
- *Calathea lutea* (Marantaceae), a Potential Domesticate and Source of High-Grade Wax, Richard Evans Schultes **43** 509–510
- Caspi Revisited—in Christianity, B. Lowy **41** 450–452
- Cellulose Extraction from *Agave lechuguilla* Fibers, Alfredo Márquez, Nohemí Cazaurang, Iván González, and Patricia Colunga-GarcíaMarín **50** 465–468
- *Colliguaya integerrima* (Euphorbiaceae): Its Seed Oil, Residual Meal, and Propagation, Damian A. Ravetta, Alberto Soriano, and Pedro Cattaneo **45** 288–290
- Common Names Given to Bambara Groundnut (*Vigna subterranea*: Fabaceae) in Central Madagascar, James A. Howell, W. Hardy Eshbaugh, Sheldon Guttman, and Elisabeth Rabakonandrianina **48** 217–221
- Common Names and Species Identification in Black Nightshades, *Solanum* sect. *Solanum* (Solanaceae), Edward E. Schilling, Qi-sheng Ma, and Robert N. Andersen **46** 223–225
- Confusion of Common Names for Toxic and Edible ''Star Anise'' (*Illicium*) Species, Ernest Small **50** 337–339
- Discovery of an Italian Fertile Tetraploid Line of Garlic, *Alessandro bozzini,* Paolo Casoria, and Paulo De Luca **45** 436–438
- Early Uses of *Stevia rebaudiana* (Asteraceae) Leaves as a Sweetener in Paraguay, Walter H. Lewis **46** 336–337
- Ethnobotanical Notes of José M. Cruxent from the Franco-Venezuelan Expedition to the Headwaters of the Orinoco River, 1951–1952, Brian M. Boom and Sylvia Moestl **44** 416–419
- Ethnobotanical Use of *Brachystelma* (Asclepiadaceae) in Australia, P. I. Forster **41** 323–327
- Ethnobotany of *Clibadium* L. (Compositae, Heliantheae) in Latin America, Jorge E. Arriagada **49** 328–330
- Ethnobotany of the Javanese Incense, Harini Sangat-Roemantyo **44** 413–416
- Fish Bait Algae, Philip W. Basson **43** 271–274
- *Ficus insipida* (Moraceae): Ethnobotany and Ecology of an Amazonian Anthelmintic, Oliver Phillips **44** 534–536
- Fungitoxicity of Essential Oil of *Amomum subulatum* against *Aspergillus flavus,* A. K. Mishra and N. K. Dubey **44** 530–533
- *Girardinia diversifolia* (Urticaceae), a Non-Conventional Fiber Resource in Nepal, Shailesh C. Singh and Rhidaya Shrestha **42** 445–447
- On the Herbal Cheese from East Anatolia (Turkey), H. Özçelik **48** 214–217
- *Hippocratea excelsa* (Hippocrateaceae), a New Source of Trans Polyisoprene, Joaquín Palacios, Rachel Mata, and Rolando López **43** 508–509
- The Horned Cucumber, Alias ''Kiwano'' (*Cucumis metuliferus,* Cucurbitaceae), Julia F. Morton **41** 325–327
- An Important Economical New Durio Species from Northern Sumatra, A. J. G. H. Kostermans **46** 338–340
- *Ipomoea tabascana,* an Endangered Tropical Species, Daniel F. Austin, Fermín de la Puente, and Juventino Contreras **45** 435
- Japanese-Quince (*Chaenomeles speciosa,* Rosaceae), a Dual-Use Shrub, Debra K. Pearce and John W. Thieret **45** 285–288
- Kava (*Piper methysticum,* Piperaceae), Paul Alan Cox and Lisa O'Rourke **41** 452–454
- The Kerguelen-Cabbage, *Pringlea antiscorbutica* (Brassicaceae), John W. Thieret Steven B. Young **42** 288–291
- Leaves of *Ehretia cymosa* (Boraginaceae) Used to Heal Fractures in Chana Increase Bone Remodeling, Walter H. Lewis and Louis V. Avioli **45** 281–282
- Less-Known Medicinal Uses of Plants from Mewat (District Gurgaon), Haryana, India, M. P. Sharma **45** 435–436
- Less-Known Medicinal Uses of Three Plants from Western Himalaya (India), B. S. Aswal and A. K. Goel **43** 419–420
- Less-Known Wild Species of *Allium* L. (Amaryllidaceae) from Mountainous Regions of India, K. S. Negi and K. C. Pant **46** 112–114
- Little-Known Cultivated Plants of the Colombian Amazonia, Richard Evans Schultes **41** 446–450
- *Merremia discoidesperma* (Convolvulaceae) Seeds as Medicines in Mexico, Daniel F. Austin **49** 330–332
- *Moringa oleifera* (Moringaceae): Ethnobotanical Studies in Guatemala, Armando Cáceres, Virginia Freire, Lidia M. Girón, Otto Avilés, and Guillermo Pacheco **45** 522–523
- A Note on *Glochidion calocarpum* (Euphorbiaceae), T. Chakrabarty and M. K. Vasudeva Rao **44** 412–413
- An Observation on Apical Dominance and the Umbrella-Crown of Italian Stone Pine (*Pinus pinea,* Pinaceae), Ronald M. Lanner **43** 128–130
- Obstetrical Use of the Parasitic Fungus *Balansia cyperi* by Amazonian Jívaro Women, Walter H. Lewis and Memory Elvin-Lewis **44** 131–133

ECONOMIC BOTANY

CHRONOLOGICAL INDEX TO TITLES OF ARTICLES VOLUMES 1–50, 1947–1996

Gaps in pagination are awards, announcements, book reviews, or other items not included in the subject index.

VOLUME 1, 1947

VOLUME 2, 1948

VOLUME 3, 1949

VOLUME 4, 1950

VOLUME 5, 1951

VOLUME 6, 1952

VOLUME 7, 1953

VOLUME 8, 1954

VOLUME 9, 1955

VOLUME 10, 1956

VOLUME 11, 1957

VOLUME 12, 1958

VOLUME 13, 1959

VOLUME 14, 1960

VOLUME 15, 1961

VOLUME 16, 1962

VOLUME 17, 1963

VOLUME 18, 1964

VOLUME 19, 1965

VOLUME 20 1966

VOLUME 21, 1967

VOLUME 22, 1968

VOLUME 23, 1969

VOLUME 24, 1970

VOLUME 25, 1971

VOLUME 26, 1972

VOLUME 27, 1973

VOLUME 28, 1974

VOLUME 29, 1975

Vavilov's Law of Homologous Series at the Fiftieth Anniversary of Its Formulation, Alexander J. Kupzow **29** 372–379

Chemurgy of Sapotaceous Plants: *Madhuca* Species of India, Y. C. Awasthi, S. C. Bhatnagar, and C. R. Mitra **29** 380–389

VOLUME 30, 1976

The Genus *Panax* (Ginseng) in Chinese Medicine, Shiu Ying Hu **30** 11–28

Growth of Water Hyacinths in Treated Sewage Effluent, Jean W. Wooten and John D. Dodd **30** 29–37

A Natural Source for Neohesperidin, S. Natarajan, D. E. Eveleigh, and R. H. Dawson **30** 38

Aquatic Weeds—Eradicate or Cultivate?, Robert P. Bates and James F. Hentges, Jr. **30** 39–50

Accumulation of Dry Matter, Nitrogen, and Phosphorus by Cultivated Water Hyacinths, Claude E. Boyd **30** 51–56

Hallucinogenic Snuff Drugs of the Yanomamo Caburiwe-Teri in the Cauaburi River, Brazil, Charles Brewer-Carias and Julian A. Steyermark **30** 57–66

Response of Some Tropical and Subtropical Fruits to Pre- and Post-Harvest Applications of Ethephon, N. D. Bondad **30** 67–80

Some Observations on Grape Growing in the Republic of South Africa, Robert J. Weaver **30** 81–93

Prehistoric Psychotropic Drug Use in Northeastern Mexico and Trans-Pecos Texas, J. M. Adovasio and G. F. Fry **30** 94–96

Some Folk Medicinal Plants from Trinidad, Wesley Wong **30** 103–142

Seed Coats of Some *Brassica* and *Sinapis* Weedy and Cultivated in Canada, Gerald A. Mulligan and L. Grant Bailey **30** 143–148

Nicotiana an Hallucinogen?, Oscar Janiger and Marlene Dobkin de Rios, **30** 149–151

The Sacred Groves of Western Ghats in India, Madhav Gadgil and V. D. Vartak **30** 152–160

Survey of Argentine Medicinal Plants: Folklore and Phytochemical Screening. II, A. L. Bandoni, M. E. Mendiondo, R. V. D. Rondina, and J. D. Coussio **30** 161–185

Agronomic Evaluation of Prospective New Crop Species V. *Jarilla chocola*—A Proteinase Source, B. C. Willingham and George A. White **30** 189–192

Agronomic Evaluation of Prospective New Crop Species VI. *Briza humilis*—Source of Galactolipids, George A. White, B. C. Willingham, Wheeler Calhoun, and Roger W. Miller **30** 193–197

Domestication of *Eleusine coracana,* Khidir W. Hilu and J. M. J. de Wet **30** 199–208

Medicinal Plants of the Ainu, Hiroshi Mitsuhashi **30** 209–217

Paleoethnobotanical Report——Cayönü 1972, Robert B. Stewart **30** 219–225

Fungal Fermentation of Peanut Press Cake, L. R. Beuchat **30** 227–334

The Use of Hallucinogenic Mushrooms for Diagnostic Purposes among Some Highland Chinantecs, Arthur J. Rubel and Jean Gettelfinger-Krejci **30** 235–248

The South American Wild Bean (*Phaseolus aborigineus* Burk.) as Ancestor of the Common Bean, Ollie Berglund-Brücher and Heinz Brücher **30** 257–272

Spices in India, M. Ilyas **30** 273–280

Peoples and Food in Western Guatemala, Louis O. Williams **30** 281–283

Isolation and Partial Characterization of Soluble Alfalfa Proteins, L. L. Hood and J. R. Brunner **30** 285–290

Problems Created by Fungus-Infected Corn Shipped to Swine Feeders in the Southern United States, Maurice C. Futrell, Gene E. Scott, and G. F. Vaughn **30** 291–294

Nicotiana an Hallucinogen?, Oscar Janiger and Marlene Dobkin de Rios, **30** 295–297

Vegetable Oils from Some Nonconventional Sources, Nalinee Datta **30** 298

Characterization of the Volatile Compounds of *Diospyros blancoi,* R. P. Collins and A. F. Halim **30** 313–316

Antimicrobial Activity of Some Indian Plants, P. G. Ray and S. K. Majumdar **30** 317–320

Contributions of Wild Relatives of Maize to the Evolutionary History of Domesticated Maize: A Synthesis of Divergent Hypotheses. I., L. F. Randolph **30** 321–345

Some Insights into the Application of Science to Agriculture in the Soviet Union, Barry Mendel Cohen **30** 347–359

Agronomic Evaluation of *Datura candida*—A New Source of Hyoscine, W. J. Griffin **30** 361–369

The Antifungal Substance of Rose Flowers (*Rosa indica*), S. N. Dixit, S. C. Tripathi, and R. R. Upadhyay **30** 371–374

Economic Plants in a Rural Nigerian Market, E. J. Johnson and T. J. Johnson **30** 375–381

Estimated Values for Selected Water Hyacinth By-Products, Michael J. Mara **30** 383–387

The Effect of Photoperiodism on the Growth and the Essential Oil of *Ocimum basilicum* (Sweet Basil), Byron Skrubis and Pericles Markakis **30** 389–393

VOLUME 31, 1977

VOLUME 32, 1978

VOLUME 33, 1979

VOLUME 34, 1980

VOLUME 35, 1981

VOLUME 36, 1982

VOLUME 37, 1983

VOLUME 38, 1984

VOLUME 39, 1985

VOLUME 40, 1986

VOLUME 41, 1987

VOLUME 42, 1988

VOLUME 43, 1989

VOLUME 44, 1990

VOLUME 44(3), 1990 SUPPLEMENT

VOLUME 45, 1991

VOLUME 46, 1992

VOLUME 47, 1993

VOLUME 48, 1994

VOLUME 49, 1995

VOLUME 50, 1996

ECONOMIC BOTANY

SUBJECT INDEX
VOLUMES 1–50, 1947–1996

Entries in the SUBJECT INDEX are followed by volume number(s) in bold print, then page number(s). Page numbers refer to articles in which a subject entry occurs, not to the extent of coverage. Please refer to the CHRONOLOGICAL INDEX for a guide to the content of an article in which a reference is cited.

Subject Index

Subject Index

Subject Index

B

Subject Index

C

Subject Index

Subject Index

Subject Index

Subject Index

Subject Index

Subject Index

D

Subject Index

E

F

Subject Index

H

Subject Index

I

J

K

L

Subject Index

Subject Index

Subject Index

M

Subject Index

Subject Index

Subject Index

Subject Index

N

Subject Index

Subject Index

O

Subject Index

P

Subject Index

Subject Index

Q

R

Subject Index

S

Subject Index

Subject Index

Subject Index

T

Subject Index

U

V

Subject Index

W

X

Y

Z