

1992 Index to Volume 54 of *The American Biology Teacher*

This index includes everything published in *The American Biology Teacher* during 1992 (Volume 54) except filler material. Book reviews in the Title Index are listed with the names of the book author(s) in parentheses; AV reviews list the name of the producer in parentheses. In both cases, the reviewers are listed in the Author Index. Initial articles (i.e. a, an, the) are not considered in alphabetization of the index. The index is alphabetical word-by-word. For example, "Educational" would follow "Education theory." Page numbers indicate the first page of the article or department in which the entries appear.

Entries are in three categories: Subject, Title and Author. All entries include one of the following key codes:

- A = Articles
- B = Biology Today
- C = Computer Center
- D = Other Departments
- E = Editorial
- F = Feature
- H = How-To-Do-It/Tested Techniques
- L = Letters
- P = Projector Center
- R = Book Reviews
- T = Teacher-To-Teacher
- V = AV Reviews

SUBJECTS

Addictions.....2:126R
 AIDS education.....1:13A
 Animal behavior.....1:33H, 2:126R, 3:179B, 5:306B, 5:314R
 Animal rights.....1:60R, 2:70L, 3:134L, 6:330L, 8:454L
 Anthropology.....1:59R, 2:125R
 Antivenin.....6:333A
 Ants.....7:439B
 Archaeology.....5:303T, 6:324E
 Arterial blood pressure.....2:14H
 Autoradiography.....1:26H
 Bacteria.....2:108H, 3:158A, 4:226H
 Biodiversity.....5:306B, 5:312V
 Biology education.....1:16A, 2:72A, 2:76A, 2:93H, 2:102H, 3:137A, 4:212A, 4:242H, 5:269A, 5:261L, 6:365H, 7:395A, 8:464A
 Biology software.....4:248C, 5:310C, 6:380C
 Botany.....5:291H, 5:313R
 Cancer.....8:458A, 8:476D
 Carcinogenesis.....3:71H
 Cardiac cycle.....8:500P
 Cats.....1:29H
 The cell cycle.....1:26H
 Cells.....3:161A, 4:200A, 6:381V

Chironomidae.....4:236H
 Collages.....2:102H
 Composting.....7:420H
 Computers.....1:56C, 8:491H
 Cooperative learning.....2:84A, 4:218A
 Creationism.....6:328L
 Crustaceans.....8:502V
 Critical thinking.....1:4E, 6:327L, 7:432H, 8:464A
 Darwin.....3:192R
 Developmental biology.....4:254R
 Dinosaurs.....4:255R
 Dissection.....2:70L, 3:171H, 3:134L, 8:454L, 8:502V
 DNA.....2:87A, 2:93H, 4:255R, 5:284A, 6:368H
 Ecology.....1:19A, 1:53B, 2:80A, 5:306B, 6:381V, 7:420H
 Empirical analysis.....1:33H
 Energy.....3:179B
 Environment.....1:37H, 1:58V, 1:59R, 2:127V, 3:132E, 6:327L, 7:447R, 8:488H
 Environmental sampling.....1:37H
 Enzymes.....3:191R, 4:254R, 8:482H
 Evolution.....1:19A, 1:41H, 2:125R, 3:192R, 4:244B, 6:362H, 6:329L, 7:406A, 7:413D, 7:441B
 Evolutionary ecology.....1:19A
 Explication.....3:177H
 Fibonacci numbers.....2:68E
 Flagella.....2:108H
 Fossil pollen dating.....1:41H
 Fossils.....1:41H
 Gene mapping.....2:87A, 5:261L
 Genetics.....1:29H, 2:87A, 2:103H, 3:184V, 3:187C, 4:248C, 5:312V, 7:426H, 7:447R, 8:476D, 8:482H
 Geology.....5:276A, 8:504R
 Global warming.....1:59R, 2:127V
 Great Plains.....1:53B
 Greenhouse effect.....1:59R
 Hardy-Weinberg Principle.....2:103H
 Herbivory.....7:416H
 Homeostasis.....7:440B, 7:446V
 Human chromosomes.....2:87A, 2:93H
 Human ecology.....1:53B
 Hybridization.....5:312V
 Immune system.....2:127V
 Karyotypes.....4:248C
 Leonardo Pisano.....2:68E
 Literature & science.....2:80A, 6:327L, 6:375B, 7:447R
 Longhorns.....1:52B
 Mathematics.....2:68E
 Meiosis.....5:312V, 8:470A
 Metal probe meters.....7:436H
 Microbiology.....2:108H, 2:112H, 3:158A, 3:191R
 Midges.....4:236H

Mitosis.....8:470A
 Molecular biology.....2:87A
 NABT.....1:11L, 2:119B
 Natural history.....1:16A, 1:52B
 Natural selection.....4:230H
 Nature.....1:16A, 2:80A, 5:286A, 5:314R, 6:339A, 8:504R
 Neurochemistry.....6:357D
 Numbers.....2:68E
 Osmosis.....8:486H
 Paleontology.....2:125R, 5:295H
 Paranormal.....1:4E, 7:392L
 Physiology.....8:496B
 Plant taxonomy.....5:314R
 Plate tectonics.....8:504R
 Pollen.....1:41H, 3:168H, 3:173H
 Pollination.....6:382V
 Population ecology.....5:310C, 6:373H
 Population genetics.....2:103H
 Propagation.....5:286A
 Proteins.....2:93H, 3:184V, 3:191R
 Radiation.....4:196E, 6:33L
 Research.....7:401A
 RNA.....3:187C
 Science education.....1:4E, 1:16A, 2:72A, 2:84A, 3:137A, 3:153A, 3:177H, 5:260E, 6:324E, 6:349A, 6:371H, 6:383R, 7:446V, 7:448R, 8:452E
 Scientific method.....5:303T
 Science technology.....5:313R, 6:364H
 Serum sickness.....6:333A
 Snakebites.....6:333A
 Soils.....4:199L, 7:436H
 Spectrophotometry.....4:222H
 Teaching techniques.....2:93H, 4:205A, 4:212A, 4:218A, 5:263A, 5:261L, 6:344A, 8:470A, 8:491H
 Test-generating software.....1:56C, 2:123C, 6:379C
 Topoisomerase I.....6:368H
 Toxicity.....8:488H
 Tropical forests.....1:58V
 Viruses.....6:383R
 Volcanos.....5:276A
 Women scientists.....2:70L
 Writing.....2:119B
 Yeast.....7:426H

TITLES

Articles

AIDS Education in the Science Classroom.....1:13A
 Books for the Amateur Naturalist: Sources of Experiments & Activities for Outdoor Biology Classes.....1:16A
 Biological Buffers, Discrepant Data, Fascinating Facts & Quizzical Quandaries.....5:263A

Biological Studies on a Live Volcano.....5:276A
 Cancer Education: Relieving the Silence & Fear.....8:458A
 Concept Mapping with a Cooperative Learning Flavor.....4:218A
 Down to Earth Biology, A Planetary Perspective for the Biology Curriculum....2:76A
 The Essential Elements of Cooperative Learning.....2:84A
 From the Kiss of a Cobra: A Sidelong View of Snakebite, Antivenin & Serum Sickness.....6:333A
 Gary Snyder's Poetry & Ecological Science.....2:80A
 A Generic Biology Textbook Review: It Is Time to Stop Placing Band-Aids on Our Biology Curricula.....2:72A
 High School Biology Teacher's Image of Subject Matter: An Exploratory Study.....4:212A
 Human Health & Science, A Model for an STS High School Biology Course.....7:395A
 An Interdisciplinary Model for Teaching Evolutionary Ecology.....1:19A
 Islands of Chestnut Trees.....5:286A
 Material Cycles in Nature, A New Approach to Teaching Photosynthesis in Junior High School.....6:339A
 Medium-Induced Antagonistic Behavior in *Staphylococcus aureus*.....3:158A
 The Nature of Scientific Thinking As Reflected by the Work of Biologists & by Biology Textbooks.....3:137A
 A Paper-&Pencil Strategy for Teaching Mitosis & Meiosis, Diagnosing Learning Problems & Predicting Examination Performance.....8:470A
 A Plain English Map of the Human Chromosomes.....2:87A
 Professional Resources Recommended by Biology Presidential Science Honorees.....6:344A
 Recombinant DNA for Teachers.....5:284A
 The Role of Research in Undergraduate Instruction.....7:401A
 Stirring the Biology Teaching Pot with Discrepant Events.....4:205A
 An STS Approach to Human Biology Instruction Affects Achievement & Attitudes of Elementary Science Majors.....6:349A
 Teaching Critical Thinking Skills in the Biology & Environmental Science Classrooms.....8:464A
 Textbook Errors & Misconceptions in Biology: Cell Energetics.....3:161A
 Textbook Errors & Misconceptions in Biology: Cell Physiology.....4:200A
 A Theoretical Basis for Evaluating Wildlife-Related Education Programs.....3:153A
 A Vision of Biology Education for the 21st Century.....5:269A

Wilberforce, Huxley & the Use of History in Teaching About Evolution.....7:406A

AV Reviews

The Anatomy of the Fetal Pig (Carolina Biological Supply Company).....8:502V
 The Anatomy of the Crayfish (Carolina Biological Supply Company).....8:502V
 Battle for the Redwoods: The Forest Through the Trees (Isam Film Group).....1:58V
 Depleting the Gene Bank (Films for the Humanities and Sciences, Inc.).....5:312V
 Discovering the Cell (National Geographic Society).....6:381V
 Ecology of an Estuary: America's Inland Sea/Preserving the Water (Great Plains National ITV Library).....6:381V
 The Gene (Hawkhill Associates, Inc.).....3:184V
 Global Warming--Future Quest (Hawkhill Associates).....2:127V
 One Earth: An Environmental Overview and Earth's Endangered Environments (National Geographic Society).....2:127V
 Mechanisms of Stability & Change (Optical Data Corporation).....7:446V
 Meiosis: The Key to Genetic Diversity (Human Relations Media).....5:312V
 Our Threatened Heritage (National Wildlife Federation).....1:58V
 Pollination Biology: Sexual Encounters of the Floral Kind (Videodiscovery, Inc.).....6:382V
 Translating the Code: Protein Synthesis (Human Relations Media, Inc.).....3:184V
 Windows on Science, Life Science (Optical Data Corporation).....7:446V
 Your Immune System (National Geographic Society).....2:127V

Biology Today

Energy Crisis.....3:179B
 Lives in Science.....6:375B
 Remembering Elton.....5:306B
 Three Friends (J. Frank Dobie, Roy Bedichek, Walter Prescott Webb).....1:52B
 Ten Years.....2:119B
 Traveling Around Physiology.....8:496B
 A World of Ants.....7:439B
 Well Worth the Effort.....4:244B

Book Reviews

1001 Things Everyone Should Know About Science (James Trefil).....7:448R
 The Addictions Handbook (Virginia Alvin & Robert Silverstein).....2:126R
 America's Academic Future: A Report of the Presidential Young Investigator Colloquium on U.S. Engineering, Mathematics and Science Education for the Year 2010 and Beyond (The National Science Foundation).....6:383R

The Animal Rights Controversy (Laurence Pringle).....1:60R
 Animal Rights vs. Nature (Walter E. Howard).....1:60R
 Animals Have Rights, Too. A Primer for Parents, Teachers and Young People (Michael W. Fox).....1:60R
 Botany: 49 More Science Fair Projects (Robert L. Bonnet & G. Daniel Keen).....5:314R
 Crisis in the Atmosphere: The Greenhouse Factor (Ed Phillips).....1:59R
 Cultural Anthropology: Understanding Ourselves and Others (Richley Crapo).....1:59R
 Death, Sex, and Fertility: Population Regulation in Preindustrial and Developing Societies (M. Harris & E. Ross).....2:125R
 Developmental Biology (Scott F. Gilbert).....4:254R
 Discovering Enzymes (David Dressler & Huntington Potter).....3:191R
 DNA Science: A First Course in Recombinant DNA Technology (David A. Micklos & Greg A. Freyer).....4:255R
 Dynamics of Dinosaurs & Other Extinct Giants (R. McNeil Alexander).....4:255R
 E for Environment. An Annotated Bibliography of Children's Books with Environmental Themes (Patti K. Sinclair).....7:447R
 Embryology, an Introduction to Developmental Biology.....4:254R
 The Facts on File Dictionary of Environmental Science (L. Harold Stevenson & Bruce Wyman).....7:447R
 Fire Under the Sea (Joseph Cone)....8:504R
 A First Dictionary of Cultural Literacy: What Our Children Need To Know (E.D. Hirsch, Jr.).....7:447R
 Food Hoarding in Animals (Stephen B. Vander Wall).....2:126R
 Global Warming: Assessing the Greenhouse Threat (Laurence Pringle).....1:59R
 The Greenhouse Trap: What We're Doing to the Atmosphere and How We Can Slow Global Warming (Francesca Lyman)....1:59R
 Handling Laboratory Microorganisms (Charles Penn).....3:191R
 The Innocent Assassins (B. Kurten)....2:125R
 The Moon by Whale Light: and Other Adventures Among Bats, Penguins, Crocodilians, and Whales (Diane A. Ackerman).....5:314R
 On The Frontiers of Science: How Scientists See Our Future (Contributing Editors: Nigel Calder & John Newell).....5:313R
 Plant Taxonomy: The Systematic Evaluation of Comparative Data (Tod F. Stuessy).....5:314R
 Plantworks: A Wild Plant Cookbook, Field Guide and Activity Book for the Novice and Naturalist (Karen Shanberg & Stan Tekiela).....8:504R
 Practical Genetics (R. N. Jones & G. K.

Richards).....7:447R
 A Reunion of Trees. The Discovery of Exotic
 Plants and Their Introduction into North
 American & European Landscapes (Stephen
 A. Spongberg).....5:313R
 Viruses (Arnold J. Levine).....6:383R
 A Zoologist Looks at Humankind (Adolf
 Portmann).....3:192R

Computer Center

Building the Perfect Test-Generating
 Software.....1:56C
 Deciphering the Genetic Code.....3:187C
 Open Access.....7:443C
 A Population Biology Software
 Review.....5:310C
 Review of Microtest (Delta Software,
 Inc.).....2:123C
 Some Odds & Ends To Begin a New
 Year.....6:379C

Editorial

Changing Our Attitude About the
 Environment.....3:132E
 Debunking the Paranormal: We Should Teach
 Critical Thinking as a Necessity for Living,
 Not Just as a Tool for Science.....1:4E
 Digging Into a New School Year.....6:324E
 Excuses & Complacency Will Not Help Our
 Schools.....8:452E
 Helping Ourselves.....5:260E
 More "Bloopers".....7:388E
 The Numbers of Life.....2:68E
 Our Fear of Radiation.....4:196E

How-To-Do-It/Tested Techniques

Autoradiography & the Cell Cycle.....1:26H
 Bacterial Genome Analysis by Field Inver-
 sion Agarose Gel Electrophoresis.....4:226H
 Biology As Collage.....2:102H
 Building a Botanical Outdoor Learning
 Center.....5:291H
 Chemical Pollutant Toxicity Determined with
 a Fungal Assay.....8:488H
 A Classroom Exercise in Empirical Analy-
 sis: Gender Differences in Book-Carrying
 Behavior.....1:33H
 Concepts to Questions: Teaching
 Carcinogenesis Using the Holistic
 Method.....6:371H
 Dating Fossil Pollen: A
 Simulation.....1:41H
 Demonstrating Bacterial Flagella.....2:108H
 Developing A Biology Content Course for a
 Mid-Career Mathematics & Science Teacher
 Preparation Program.....6:365H
 The Effect of Strenuous Exercise on Blood
 Pressure.....2:114H
 Environmental Sampling with an Inexpen-
 sive Electric Pump.....1:37H
 Evaluating Metal Probe Meters for Soil
 Testing.....7:436H

Genetics of the Domestic Cat, A Lab
 Exercise.....1:29H
 The Graphing Detective: An Exercise in Criti-
 cal Reading, Experimental Design & Data
 Analysis.....7:432H
 A Hands-On Simulation of Natural Selection
 in an Imaginary Organism, *Platysoma*
apoda.....4:230H
 Herbivory, Predation & Biological
 Control.....7:416H
 High Intensity Discharge Microscope Illu-
 minators--A Welcomed Technology...6:364H
 How To Improve the Quality of the Environ-
 ment in the Undergraduate Dissection
 Laboratory.....3:171H
 Introducing Students to Ethnobotany..1:46H
 Introducing Students to Population Genetics
 & the Hardy-Weinberg Principle.....2:103H
 A Model for Incorporating & Evaluating Use
 of a Computer Laboratory Simulation in the
 Nonmajors Biology Course.....8:491H
 Osmosis Revisited.....8:486H
 Pellet Puzzlers.....5:295H
 Population Blocks.....6:373H
 Rap Music as a Method for
 Review.....4:242H
 Rapid Germination of Pollen In
 Vitro.....3:168H
 Rearing & Maintaining Midge Cultures
 (*Chironomus tentans*) for Laboratory
 Studies.....4:236H
 A Simple Alternative to the IMViC Test in
 Microbiology.....2:112H
 A Simplified Experimental System for Ob-
 serving Pollen Tube Growth in
 Styles.....3:173H
 Species Identity of Commercial Stocks of
Paramecium in the U.S.....5:299H
 Strike It Rich with Classroom
 Compost.....7:420H
 Teaching Biology Around Themes: Teach
 Proteins & DNA Together.....2:93H
 Teaching the Evolution of the Angiosperm
 Carpel.....6:362H
 Teaching a Mendelian Codominant *Drosophila*
melanogaster Trait with Alcohol De-
 hydrogenase Allozyme Polymorph-
 isms.....8:482H
 Teaching Principles of Spectrophotometry:
 A Demonstration Device Using an Apple IIe
 Computer.....4:222H
 The Use of Topoisomerase I as a Teaching
 Tool for Understanding Cellular DNA Struc-
 ture & Activity.....6:368H
 Using Explication to Improve Vocabulary
 Acquisition.....3:177H
 Yeast: A Research Organism for Teaching
 Genetics.....7:426H

Letters

Animal Rights Issue Revisited.....6:330L
 Correcting Misconceptions.....4:198L

Creationism Versus Evolution Continues to
 Spark Debate.....6:329L
 Defending Dissection.....8:454L
 Doublespeak Decried.....4:198L
 Highlight Women Scientists.....2:70L
 Improve Laboratory Conditions With Neu-
 tralizing Agent.....6:327L
 NABT Policy 'a Breath of Fresh Air'....3:134L
 New Course Narrows Gap Between Science
 & the Humanities.....6:327L
 Oppose PETA School Campaign.....2:70L
 Paranormal Parley.....7:392L
 Paying the Environmental Conse-
 quences.....6:329L
 Recent Data Takes Human Gene Mapping A
 Step Further.....5:261L
 Saving the American Chestnut from *Endothia*
 Spores.....6:327L
 Significance of Soils Noted.....4:199L
 Speciesism: A Perversion of Biology, Not a
 Principle.....3:134L
 Study Finds Different Students Tote Books
 Differently.....6:327L
 "Teaching Biology Around Themes" Draws
 Questions from Students.....5:261L
 Two Stress Necessity for Critical
 Thinking.....6:327L
 Validating Our Fear of Radiation.....6:332L

Other Departments

A Conversation with Michael Bishop &
 Harold Varmus.....8:476D
 A Conversation with Candace Pert...6:357D
 A Conversation with Ernst Mayr.....7:412D
 Guidelines for Authors.....1:62D
 1991 Honorary Member/Distinguished Ser-
 vice Award.....1:64D
 Report of the President--1991.....1:11D

Projector Center

Let's Have a Hand for the Cardiac
 Cycle.....8:500P

Teacher-To-Teacher

Students Dig This New Summer
 Course.....5:303T

AUTHORS

Alexander, Steve.....3:191R
 Allard, David W.....8:486H
 Babich, H.....8:488H
 Bedichek, Roy.....1:52B
 Belzer, Bill.....8:500P
 Benathen, Isaiah A.....2:112H, 3:158A
 Bicak, Charles J.....1:60R
 Biggs, Alton L.....4:255R, 6:324E
 Block, Tim.....2:127V
 Bogdanske, Don.....2:125R
 Brickman, Bobbi L.....2:127V
 Browning, Mark.....3:187C
 Brynie, Faith Hickman.....4:199L

Downloaded from http://online.ucpress.edu/abt/article-pdf/54/8/509/45814449546.pdf by guest on 28 February 2021

Buttles, Sunny.....8:491H
 Campbell, Neil A.....6:357D,
 7:412D, 8:476D
 Canington, Deborah.....7:416H
 Cardinale, Loretta A.....3:177H
 Chiras, Daniel D.....8:464A
 Clewis, Beth.....1:16A
 Cliburn, Joseph W.....8:500P
 Cole, Thomas A.....5:299H
 Coletta, John.....1:19A
 Colverson, Peter.....5:313R
 Cvancara, Victor.....2:114H
 Daniel, Paul M.....2:126R
 Dobie, J. Frank.....1:52B
 Dodson, Carolyn.....5:313R
 Donahue, Cynthia.....5:303T
 Duhrkopf, Richard.....1:56C, 2:123C,
 6:379C, 7:443C
 Duvall, James G., III.....5:284A
 Emsley, Michael.....1:59R, 2:125R,
 3:191R, 4:254R, 5:313R, 6:383R, 7:447R
 Estes, James R.....1:33H
 Fall, Bruce.....4:230H
 Fifield, Steve.....4:230H
 Finnen, R.....4:226H
 Flannery, Maura C.....1:52B, 2:119B,
 3:179B, 4:244B, 5:306B, 6:375B, 7:439B,
 8:496B
 Fortner, Roseanne W.....2:76A
 Fox, K.D.....8:488H
 Gauld, Colin.....7:406A
 Gibaldi, Arnold.....1:46H
 Gibbs, Al.....3:137A
 Govindarajan, Girish.....4:205A, 5:269A,
 6:382V
 Graham, Pat.....8:454L
 Granberry, Royce L.....8:486H
 Hart, J. L.....1:60R
 Hays, Rachel.....1:58V, 2:127V, 3:184V,
 4:252V, 5:312V, 6:381V, 7:446V, 8:502V
 Heckman, Robert.....8:482H
 Hein, John.....4:236H
 Hershey, David R.....2:70L, 5:314R,
 6:383R, 7:436H
 Hollingshead, Barbara.....5:291H
 Hoots, Rita A.....5:295H, 5:314R
 Horn, Toby M.....4:255R
 Huppert, Jehuda.....7:395A
 Jablon, Paul C.....2:72A
 Jensen, Jerry.....4:248C
 Johnson, Willis H.....5:299H
 Jones, C. Weldon.....1:26H
 Jones, Linda L. Cronin.....7:420H
 Karcher, Susan J.....3:192R, 4:254R,
 6:383R
 Kearney, Christopher.....1:58V
 Kendler, Barry S.....1:46H, 7:392L
 Koritz, Helen G.....1:46H
 Langley, Sierra S.....7:447R
 Laurence, J. C.....5:286A
 Lawson, Anton E.....3:137A
 Lazarowitz, Reuven.....7:395A

Mahadeva, Madhu N.....4:236H
 Manney, Monta L.....7:426H
 Manney, Thomas R.....7:426H
 McClintock, James I.....2:80A
 McDowell, Glenda.....5:291H
 McInerney, Joseph D.....1:11D, 2:70L
 Mertens, Thomas R.....2:103H, 8:470A
 Moore, Randy.....1:4E, 2:68E, 3:132E,
 4:196E, 5:260E, 7:388E, 7:392L, 8:452E
 Morgan, J. Mark.....3:153A
 Morrison, Adrian R.....3:134L
 Moss, Robert.....8:458A
 Motten, Alexander F.....3:173H
 Mousseau, Timothy A.....5:310C
 Murphy, Terence M.....7:416H
 Nickels, Martin.....3:192R
 Oates, Karen K.....2:126R
 O'Brien, Thomas.....5:263A
 Offner, Susan.....2:87A, 2:93H
 Okebukola, Peter Akinsola.....4:218A
 Orlans, F. Barbara.....3:134L
 Ott, Margaret G.....5:312V
 Pechenik, Jan A.....7:432H
 Porter, John R.....2:108H
 Quackenbush, Roger E.....1:29H
 Rode, GERALYNE A.....4:242H
 Rosenberg, Herbert I.....3:171H
 Salay, Joanne.....2:102H
 Schaub, David.....1:58V
 Schiel, Joseph B., Jr.....2:127V
 Schimpf, David J.....3:168H
 Schrock, John Richard.....8:454L

Schwartz, Esta R.....5:261L
 Seago, James L., Jr.....7:401A
 Seely, Jeffery K.....1:37H
 Sehra, Ruchir.....5:299H
 Sheridan, Philip.....1:41H
 Shinkle, James R.....4:222H
 Simchoni, Devorah.....7:395A
 Skog, Laurence E.....5:314R
 Smith, Robert A.....2:108H
 Speece, Susan P.....1:13A
 Speer, Henry L.....4:198L
 Stacy, Sue C.....4:222H
 Stanlaw, James.....1:59R, 2:126R
 Stanley, Melissa.....4:255R
 Storey, Richard D.....3:161A, 4:200A
 Surrarer, T. C.....5:286A
 Svoboda, Felicia.....5:312V
 Tamir, Pinchas.....4:212A
 Tashiro, Jay Shiro.....7:432H
 Thomulka, Kenneth W.....2:108H
 Trevors, J. T.....4:226H
 Vestal, Bedford M.....1:33H
 Walker, Douglas E.....7:416H
 Walker, Julie O.....8:470A
 Watson, Scott B.....2:84A
 Webb, Ina Claire.....6:381V
 Webb, Walter Prescott.....1:52B
 Weitkamp, Wendy.....4:199L
 Woodring, Jennifer.....6:381V
 Wright, Emmett L.....4:205A, 5:269A
 Yarrington, Bryon P.....7:448R
 Zipko, Stephen J.....5:276A

Index to Advertisers

Benjamin Cummings.....	456
Brown University.....	494
Cargille Laboratories.....	474, 481
Carolina Biological Supply Company.....	cover 4
Connecticut Valley Biological.....	451
Copp Clark Pitman Ltd.....	462
EDVOTEK, Incorporated.....	cover 2
Gustavus Adolphus College.....	481
Kendall/Hunt Publishing Company.....	cover 3
Lane Science Equipment Corporation.....	463
Laserpoint.....	462
Media Design Associates.....	469
Percival Manufacturing.....	485
Videodiscovery.....	475