



Mid-Atlantic  
Apicultural Research &  
Extension Consortium

Delaware, Maryland, New Jersey,  
Pennsylvania, West Virginia  
and the USDA cooperating

MAAREC Publication 2.4  
Revised February 2007

## SOURCES OF INFORMATION AND ASSISTANCE FOR BEEKEEPERS

### *MAAREC BULLETINS*

#### **GENERAL**

Bees are Beneficial  
Information for Bee-Ginners  
What is the Africanized Honey Bee

#### **STARTING WITH BEES**

Tips on How to Handle Bees  
Beekeeping Equipment & Supplies  
Queen & Package Bee Suppliers  
Sources of Information/Assistance for Beekeepers  
Agricultural Alternatives - Beekeeping  
Beekeeping for Beginners  
Keeping Bees in Populated Areas/Tips for  
Suburban Beekeepers

#### **BEE MANAGEMENT**

Early Spring Management  
Fall Management  
Dividing Honey Bee Colonies  
Swarming  
Transferring Bees  
Removing Bees  
Bait Hives  
Honey

#### **DISEASES/PESTS**

What Is the Africanized Honey Bee?  
Tracheal Mites  
Pests of Honey Bees  
Stinging Insect Control  
Wax Moth  
Small Hive Beetle  
Varroa Mite  
Integrated Pest Management (IPM) for Beekeepers  
Diseases of Honey Bees

#### **POLLINATION**

Hives for Hire  
Pollination  
Moving Bees  
Pollination Contracts

### *EXTENSION SPECIALISTS*

#### **DELAWARE**

Dewey Caron  
Department of Entomology & Applied Ecology  
University of Delaware  
250 Townsend Hall  
Newark, DE 19717-1303  
Tel: 302-831-2526  
FAX: 302-831-3651  
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Visit the MAAREC Website at: <http://MAAREC.cas.psu.edu>

## ***APIARY INSPECTORS***

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Pennsylvania State Department of Agriculture  
Bureau of Plant Industry - Apiary Section  
2301 Cameron Street  
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Tel: 717-772-5225  
FAX: 717-783-3275  
Email: c-dvanengl@state.pa.us

### **West Virginia**

Matt Cochran  
West Virginia Department of Agriculture  
1900 Kanawha Blvd. Ed  
Charlestown, WV 25302  
Email: cochranm@wvlc.wvnet.edu

## ***STATE BEEKEEPING ASSOCIATIONS***

### **Delaware State Beekeepers Association**

Warren Seaver  
3619 Bayside Dr.  
Dover, DE 19901-9220  
Email: wwseaver@erols.com

### **Maryland State Beekeepers Association**

Dean Burroughs, President  
609 Twin Tree Rd.  
Salisbury, MD 21801  
adbroughs@ssu.edu  
401-546-2910

### **New Jersey State Beekeepers Association**

Pat Henderson  
62 Fernview Rd  
Morris Plains, NJ 07950  
pathenders@aol.com

### **Pennsylvania State Beekeepers Association**

Yvonne Crimbring, Secretary  
RD #1, Box 5660  
Canton, PA 17724  
570-673-8201  
FAX: 570-673-8201  
Email: pabee@epix.net  
<http://www.pastatebeekeepers.org>

### **West Virginia State Beekeepers Association**

John Campbell  
102 First St.  
Parsons, WV 26287  
304-478-3675

## ***BEEKEEPING ORGANIZATIONS***

### **NATIONAL**

**American Beekeeping Federation, Inc.**  
PO Box 1038  
Jessup, GA 31545  
912-427-8447

**American Honey Producers Assoc.**  
PO Box 584-A  
Cheshire, CT 06410-0584  
203-250-7271

**National Honey Board**  
421 21st Ave. #203  
Longmont, CO 80501-1421  
303-776-2337  
FAX: 303-776-1177

### **REGIONAL**

**Eastern Apicultural Society**  
Loretta Suprenant, Secretary  
Box 300A  
County Home Rd.  
Essex, NY 12936  
518-963-7593 (home)  
<http://www.easternapiculture.org>

## ***BEEKEEPING JOURNALS & PERIODICALS***

**American Bee Journal**  
Dadant & Sons, Inc.  
Hamilton, IL 62341  
217-847-3324  
FAX: 217-847-3660

**Bee Culture**  
A.I. Root Co.  
623 W. Liberty St.  
Medina, OH 44256  
1-800-289-7668 Ext. 3220  
FAX: 216-725-5624  
Email: [bculture@aol.com](mailto:bculture@aol.com)

**The Speedy Bee**  
P.O. Box 998  
Jesup, GA 31545-0998  
912-427-4018  
FAX: 912-427-8447

**Bee World, Journal of Apicultural Research**  
**Apicultural Abstracts**  
International Bee Research Association (IBRA)  
18 North Road  
Cardiff, CF1 3D4 United Kingdom  
Telephone: (0222) 372409  
FAX: (0222) 665522

## ***CORRESPONDENCE COURSE***

**Beginning Beekeeping - AG 5126**  
Non-credit course - 1996  
Available from:  
Penn State University  
Department of Distance Education, Independent Learning  
207 Mitchell Building  
University Park, PA 16802  
Phone: 800-252-3592  
Cost: \$78.80

## COMPUTER SOFTWARE

*Bee Aware; a management tool for the diagnosis and control of honey bee diseases, parasites, pests and predators.* 1993. A CD-ROM with high-quality color images is available for Windows This expert system is currently undergoing major revisions. The revised edition will be available Summer of 1999. For additional information or to order contact The Penn State **Department of Entomology**, 501 ASI Building, University Park. PA 16802. Phone (814)-865-1895. ( **available late summer 1999 for \$50.00**).

## AUDIO VISUAL MATERIALS

*Varroa Mites: Life Cycle, Detection and Control.* 1999. A 16-minute video describing the details of the varroa mite biology and control. Available from **Ag Information Services**, 119 Ag Administration Bldg. University Park, PA 16802. Phone (814)-865-6309. **\$25.00**

*Why Honey Bees?* 1993. Video for the public on the importance of honey bees and the current challenges beekeepers face. Available **from Ag Information Services**, 119 Ag Administration Bldg. University Park, PA 16802. Phone (814)-865-6309. **\$35.00**

*Honey Bee Diseases.* 1998. Slide set of 53 slides and a detailed script on identification and control of honey bee diseases. Available from The Penn State **Department of Entomology**, 501 ASI Building, University Park. PA 16802. Phone (814)-865-1895. **\$60.00**

*Honey Bee Parasites, Pests and Predators.* 1998. Slide set of 67 slides and a detailed script on the identification and control of honey bee parasites, pests and predators. Available from The Penn State **Department of Entomology**, 501 ASI Building, University Park. PA 16802. Phone (814) 865-1895. **\$60.00**

## BOOKS

Aebi, Ormond & Harry. 1983. The Art And Adventure Of Beekeeping. Rodale Press, Emmaus, PA. 184 pp.

Bailey, L. & Ball, B.V. 1991. Honey Bee Pathology, 2nd edition. Academic Press. San Diego, CA. 193 pp.

Berthold, R. Jr. 1993. Beeswax Crafting (First edition). Wicwas Press, Cheshire, CN. 125 pp.

Bonney, Richard E. 1993. Beekeeping: A Practical Guide. Storey Communications, Pownal, VT. 184 pp.

Bonney, Richard E. 1991. Hive Management: A Seasonal Guide For Beekeepers. Storey Communications, Pownal, VT. 160 pp.

Butler, Colin G. 1976. The World Of The Honeybee (revised edition). Collins Press, London. 226 pp.

Caron, Dewey M. 1999. Honey Bee Biology and Beekeeping. Wicwas Press, LLC, Cheshire, CT. 355 pp.

Coggshall, William L. and Roger A. Morse. 1984. Beeswax: Production, Harvesting, Processing and Products. Wicwas Press, Ithaca, NY. 196 pp.

Crane, Eva. 1980. A Book Of Honey. Charles Scribner's Sons, New York, NY. 193 pp.

Crane, Eva. 1983. The Archaeology of Beekeeping. Cornell University Press, Ithaca, NY. 360 pp.

Delaplane, Keith S. 1993. Honey Bees & Beekeeping: A Year In The Life Of An Apiary. 138 pp.

Free, John. 1993. Insect Pollination of Crops (Second edition). Academic Press; San Diego, CA. 684 pp.

Dadant & Sons. 1978. Beekeeping Questions And Answers. Dadant & Sons, Inc. Hamilton, IL. 256 pp.

Dadant, C.P. 1980. First Lessons In Beekeeping. Scribner, New York, NY. 127 pp.

Dadant & Sons. 1980. The Honey Kitchen. Dadant & Sons, Inc., Hamilton, IL. 208 pp.

Delaplane, Keith S. 1993. Honey Bees & Beekeeping: A Year In The Life Of An Apiary. 138 pp.

Free, John. 1993. Insect Pollination of Crops (Second edition). Academic Press; San Diego, CA. 684 pp.

Goltz, Lawrence R. 1977. Honey Plants Manual. A.I. Root Co., Medina, OH. 96 pp.

Graham, J.M. 1992. The Hive And The Honey Bee. Dadant & Sons, Inc., Hamilton, IL. 1324 pp.

Hansen, Henrik and Roger A. Morse. 1981. Honey Bee Brood Diseases. Wicwas Press, Ithaca, NY. 30 pp.

## ***BOOKS (CON'T)***

- Hepburn, H.R. 1986. Honeybees and Wax. Springer-Verlag, New York, NY. 215 pp.
- Johansen, Carl and Mayer, Dan. 1990. Pollinator Protection: A Bee and Pesticide Handbook. Wicwas Press, Cheshire, CN. 212 pp.
- Killion, Eugene E. 1981. Honey In The Comb. Dadant & Sons, Inc., Hamilton, IL. 148 pp.
- Laidlaw, Harry H. Jr. 1977. Instrumental Insemination Of Honey Bee Queens. Dadant & Sons, Inc., Hamilton, IL. 144 pp.
- Laidlaw, Harry H. Jr. 1979. Contemporary Queen Rearing. Dadant & Sons, Inc., Hamilton, IL. 199 pp.
- Loring, Murray. 1981. Bees And The Law. Dadant & Sons, Inc., Hamilton, IL. 128 pp.
- Matheson, Andrew. 1993. Living With Varroa. Cardiff: International Bee Research Association, London. 58 pp.
- Morse, Roger A. 1975. Bees and Beekeeping. Cornell University Press, Ithaca, NY. 320 pp.
- Morse, Roger A. 1994. Raising Queen Honey Bees (Second edition). Wicwas Press, Ithaca, NY. 128 pp.
- Morse, Roger A. 1992. Making Mead. Wicwas Press, Ithaca, NY. 128 pp.
- Morse, Roger A. 1983. A Year In The Beeyard. Wicwas Press, Ithaca, NY. 166 pp.
- Morse, R. & R. Flottum. 1990. ABC And XYZ Of Bee Culture: An Encyclopedia of Beekeeping. A. I. Root Co., Medina, OH 528 pp.
- National Honey Board. 1994. Sweetened With Honey The Natural Way. 96 pp.
- Riches, H.R.C. 1989. Honey Marketing. Burrowbridge: Bee Books New & Old. 80 pp.
- Root, A. I., et. al. 1988. The New Starting Right With Bees: A Beginner's Handbook on Beekeeping. A.I. Root Co., Medina, OH. 137 pp.
- Root, A. I. Co. 1978. 500 Answers To Bee Questions. A.I. Root Co., Medina, OH. 95 pp.
- Sammataro, Diana and Alphonse Avitabile. The Beekeepers Handbook. 1998. Cornell University Press. 190 pp.
- Spivak, M., D.J.C. Fletcher & M.D. Breed (Eds.). 1991. The "African" Honeybee. Westview. 435 pp.
- Taylor, Richard. 1980. How-To-Do-It Book Of Beekeeping. Linden Books, Interlaken, NY. 252 pp.
- von Frisch, Karl. 1966. The Dancing Bees. Harcourt Brace Jovanovich, Inc., New York, NY. 198 pp.
- von Frisch, Karl. 1967. The Dance Language And Orientation Of Bees. Belknap Press, Harvard University, Cambridge, MA. 566 pp.
- von Frisch, Krl. 1971. Bees: Their Vision, Chemical Senses And Language. Cornell University Press, Ithaca, NY. 157 pp.
- Winston, Mark L. 1991. The Biology Of The Honeybee. Harvard University Press. 296 pp.

## ***PENN STATE AUDIO-VISUAL SERVICES MEDIA DEALING WITH BEES***

All of the media listed are available for rental from Audio-Visual Services at Penn State University, and a number of them also are available for purchase. The sales price (S) appears next to the rental fee (R). Prices are subject to change without notice. These films/ videos may also be available through your PA County Extension Service. For information contact your local county extension agent.

The title of each film or videotape is followed by a distributor code, year of copyright, running time, specification of color or black-and-white (b&w), audience-level code (p-primary; e-elementary; j-junior high; s-senior high; c-college; a-adult), format (16mm, 1/2"VHS, 1/2" Beta, or 3/4" U-matic), catalog number, sales price (if appropriate), and rental fee.

The rental fee given for each entry is for the first three days of use. The extended rental rate is one-half the figure shown for each five-day period or portion thereof beyond the first three days of use.

In cases where annotations provide insufficient information upon which to base a selection, the Reference Service may be consulted in person, by correspondence, or by telephone: (814) 863-3104.

Audio-Visual Services also publishes catalogs, brochures, fliers, and special listings that may be of interest to media users. For additional information about these listings, please call (814)863-3103.

To order, write: Audio-Visual Services, The Pennsylvania State University, Special Services Building, 1127 Fox Hill Rd., University Park, PA 16803-1824. To call: for rental, preview, or purchase: (800) 826-0132 or (814) 865-6314. For catalogs or reference: (800) 826-0132 or (814) 863-3104.

Aggressive Architects: An Introduction to Yellowjacket Biology  
WAYSU C1976 14 min color s-c-a 16mm 21944,16 R  
\$16.00

Apis Mellifera (Apidae) - Flight Behavior and Wing Movements  
WISSEN C1974 13 min b&w silent 16mm E01900,16  
R \$12.70

Apis Mellifera (Apidae) - Landing and Takeoff; Collecting Behavior on Blossoms  
WISSEN C1974 8 min b&w silent 16mm E01901,16 R  
\$11.30

Apis Mellifica (Apidae) - Fluttering Movements  
WISSEN C1960 4 min b&w silent 16mm E00332,16 R  
\$10.50

Beekeeping and Bee Behavior  
UGUELPH C1983 35 min color 1/2 VHS 40624,VH

Bee Management: Fall and Winter  
PSUAG C1977 10 min b&w 16mm L11683,16

Bee Management: Honey Handling  
PSUAG C1977 5 min b&w 16mm L23426,16

Bee Management: Late Winter, Early Spring  
PSUAG c1977 10 min b&w 16mm L11684,16

Bees and Beekeeping: 2 - Anatomy and Development  
ALTSUL C1983 28 min color 1/2 VHS L35231, VH

Bees and Beekeeping: 3 - Bee Behavior  
BEACON C1983 59 min color 1/2VHS L60833, VH

Bees and Beekeeping: 4 - Equipment and Apiary Sites  
ALTSUL c1983 35 min color 1/2VHS L36232, VH

Bees and Beekeeping: 5 - Spring and Summer Management  
BEACON C1983 60 min color 1/2 VHS L60834,VH

Campanula Rotundifolia (Campanulaceae) - Pollination by a Honeybee  
WISSEN C1973 3 min color silent 16mm E02049,16 R  
\$11.00

Dances of the Bees  
MAUTHNE C1980 33 min b&w c-a silent 16mm  
21666,16 R \$13.50

The Flower and the Hive  
IFB C1960 12 min color j-s 16mm 24794,16 R \$18.50

Indications of Distance and Direction in the Honeybee: Round and Waggle Dance  
WISSEN C1979 19 min color c 1/2 VHS 23578,VH S  
\$160 R \$18.00 3/4 U-mat 23578,VU S \$160

The Life of the Honeybee (Second Edition)  
EBEC C1980 24 min color j-s-c 16mm 35520,16 R  
27.00

The Mysterious Bee  
FI C1981 51 min color, s-a-c- 16mm 50641,16 R  
\$32.50

Outdoor Wintering of Honeybees in Ontario  
UGUELPH C1990 28 min color 1/2 VHS 36520,VH

Putting Wild Bees to Work  
UU C1973 27 min color s-c-a 16mm 31887,16 R  
\$18.50

Secret in the Hive  
SAKURA C1965 33 min color e-j-s-c-a 1/2 VHS  
30813, VH R \$32.50

Secrets of the Bee World  
MTI C 13 min color 16mm L22884,16

Social Insects: The Honeybee  
EBEC C1960 24 min color s-c 16mm 32649,16 R  
\$20.00

Story of the Honey Bee  
PSUAG C1951 20 min b&w 16mm L22881,16

Why Honey Bees?  
C1993 29 min color VHS L36677VH

*The following video is available at no charge through your local public library and the Pennsylvania Public Libraries Film Center.*

Bee Breeding: The Search for the Perfect Honeybee  
FBFOG c1988 30 min color y-a 1/2 VHS F31120,VH

## VIDEOS AVAILABLE ON HONEY BEES

There are a large number of videos (VHS tapes and 16 mm films) available on topics related to honey bees and beekeeping though some are no longer widely available. Sources for purchase of videos include the A.I. Root Co. (Medina, OH), Beekeeping Education Service (Cheshire, CT) and Brushy Mountain Bee Supply (Monrovia, NC). Rental sources for older titles include Penn State Audiovisual, Kent State Audiovisual, Univ of Wisconsin Film Library and Drapers Bee Supply in Millerton, PA. Local/regional bee associations may have a library of audiovisuals that may include commercial materials as well as copies of programs from TV Nature Education programs.

<u>TITLE</u>	<u>LENGTH</u>	<u>DATE</u>	<u>SOURCE</u>
<b><u>GENERAL INTEREST</u></b>			
A Bee Movie	28	1997	NJ Dept of Agriculture
Why Honey Bees?	29	1993	Penn State
Life Cycle of Honey Bee	15	1976	National Geographic Society
The Life of the Honey Bee	26	1987	Films for the Humanities, Princeton
The Life of the Honey Bee	24	1980	Ency. Britannica, Chicago
World of Bees	54	1970's	Animal World (Bill Burrad Prod)
The Honey Bee - a Profile (features N. Gary)	12	1960's	AIMS Charles Cahill Prod (Hollywood)
Bees-a-buzzin	8	1940's	Warner Bros. (B&W 16MM)
The Industrious Bee (in 3 parts)	180	?	English TV production (available from Draper)
Secret in the Hive	33	1969	Sakura- Japanese prod
The Mysterious Bee	51	1981	Phil Simon Nature Films
<b><u>POLLINATION</u></b>			
The story of Pollination	23	1983	National Geographic Society
The honey bee(a growers guide -colony evaluation for pollination	30	1995	USDA (A.I.Root Co.)
The Flower & the Hive	12	1960	Internat Film Bur (Canada)
Sexual encounters of the floral kind	58	1986	Insight Media, NYC + Carolina Biological
Plant Reproduction	30	1997	Insight Media, NYC
Flowers; Structure & Function	10	1950's	Coronet, Northbrook IL
Poll of Alfalfa by honey bees	28	1960's	Hercules Powder Company
Pollination: the insect connection 14		1986	Insight Media, NYC
Birds and the Bees	50	1980's	Teachers Video, AZ
<b><u>BEE MITES/DISEASES</u></b>			
Tracheal mite on Honey bee detection, life cycle & treatment	13	1997	Vesta Videos, Perrysburg, OH (by Diana Sammataro)
Tracheal mites	50	1991	Dauenhauer Prod (avail Brushy Mtn)
Varroa Mites	50	1991	Dauenhauer Prod (avail Brushy Mtn)
Varroa Jacobsoni: Biology, Research & Control	32	1980s	Bayer (from Europe)
Varroa mite detection	15	1988	Univ. of Florida (w/Tom Sanford)
Honey Bee Brood Diseases	8	1980	Guelph University
Finding/treating Bee Disease	60	1991	Brushy Mtn. Bee Farm

MAAREC, the Mid-Atlantic Apiculture Research and Extension Consortium, is an official activity of five land grant universities and the U. S. Department of Agriculture. The following are cooperating members:

University of Delaware  
Newark, Delaware

University of Maryland  
College Park, Maryland

The Pennsylvania State University  
University Park, Pennsylvania

Rutgers University  
New Brunswick, New Jersey

West Virginia University  
Morgantown, West Virginia

USDA/ARS  
Bee Research Lab  
Beltsville, Maryland

Requests for information or publications should be sent to: MAAREC, 501 ASI Building, University Park, PA 16802 Phone: (814) 865-1896 Fax: (814) 865-3048

Web site: <http://MAAREC.cas.psu.edu>

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The U.S. Cooperative Extension Service and the U.S. Department of Agriculture provide Equal Opportunities in employment and programs.

Participants in MAAREC also include state beekeeper associations, and State Departments of Agriculture from Delaware, Maryland, New Jersey, Pennsylvania and West Virginia.

MAAREC Publication 2.4. Author: Maryann Frazier, The Pennsylvania State University.

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