



Following is a list of videotapes available for loan by the Office of Extension Apiculturist, N.C. Cooperative Extension Service, and North Carolina State University. The audiovisual materials are grouped into general categories and also coded for suggested audience use: (B) = beekeeping, (G) = general audience, and (Y) = youth and school groups through middle school age.

The majority of the videotapes on this list were purchased with funds from the N.C. State Beekeepers Association. A star (\*) at the end of the video title indicates a new video to the audiovisual list. An italicized title indicates a videotape that is missing in action and is not available at this time. **Please read the instructions on the last page of this note before requesting materials for loan.**

### General Beekeeping:

1. **A Glimpse of Florida Beekeeping.** This video by Dr. Tom Sanford, the Extension Apiculturist in Florida. Provides no real introduction and can be hard to follow, but it gives a good overview of beekeeping conditions and practices in Florida. There are many similarities with North Carolina beekeeping and this is a very informative video for the beekeeper and non-beekeeper alike. 16 Minutes (B,G,Y)
2. **Hiving a Swarm, Setting Up a Beehive, N.C. Honey Plants, & Bees and Cucumber Pollination.** This video by Dr. John T. Ambrose and the N.C. Cooperative Extension Service (NCCES) covers four bee related topics of one tape. The presentations were originally produced for the NCCES television program "Almanac" on the Public Broadcasting System. Good basic information in a practical format. 30 Minutes (B,G,Y)

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3. **Winter Feeding of the Bee Colony, Robbing Honey from a Beehive, and Extracting Honey.** This video by Dr. John T. Ambrose and the N.C. Cooperative Extension Service (NCCES) covers three related beekeeping topics on one thirty minute tape. The presentations were originally produced for the NCCES television program “Almanac” on the Public Broad Casting System. Good practical information. 30 Minutes (B)  
**Also available on DVD.**
4. **Bees for Hire.** An older but still very useful coverage of the honey bee colony and the life cycles of the bees and the bee colony. Some excellent photographic coverage of the structure of the bee colony and its inhabitants. Nectar collection, pollination, bee development, swarming, queen development and much more. The film was produced by Texaco Inc and does contain some advertising, but it is still a very informative video for new beekeepers, experienced beekeepers, and anyone interested in honey bees. 24 Minutes (B,G,Y)
5. **Early Spring Management.\*** This video was produced by Dr. Larry Connor. It includes, Program 1: A Look at Over-Wintered Colonies, and Program 2: Colonies with Problems. (1985) 56 Minutes (B)
6. **Spring Management I.** This video was produced by Dr. Larry Connor. It includes, Program 3: Making Increases in a Beeyard, and Program 4: Queen Management. A good coverage of spring management in the beeyard including inspecting the colonies, dividing colonies, and equalizing the food stores and bee numbers among the colonies. Dr. Connor also discusses/demonstrates requeening, identifying queenless colonies, and developing a queen bank. (1985) 56 Minutes (B)
7. **Spring Management II.\*** This video was produced by Dr. Larry Connor. It includes, Program 5: Making Colonies with a Double Screen, and Program 6: Honey Bee Swarms. (1985) 56 Minutes (B)
- 8A. **Shook Swarm Comb Honey Production.** This video features Dr. Larry Connor and Dr. Richard Taylor and describes the “shook-swarm” system that Dr. Taylor uses to produce comb (round section) honey. The coverage is under New York conditions but it is of some interest to N.C. beekeepers who want to make comb honey sections. 28 Minutes (B)
- 8B. **The Honey House.** This video by Dr. Larry Connor and Dr. Richard Taylor is a visit to Jerry Ely’s honey house in Pennsylvania. Mr. Ely’s honey house is set up for both honey extracting and honey bottling and the tape should be of interest to most beekeepers. 28 Minutes (B)
9. **A Year with the Bees.** This video was produced by Jim Paysen of JZ’s Bees and he describes one of his “typical” years. He covers everything from queen rearing to pollen drying. The video is not very polished but it is interesting. 2 Hours (B)

10. **Queen Rearing.** This video by Dr. James Tew, the Extension Apiculturist in Ohio, and the A.I. Root Company does a good job of covering several different methods of queen rearing. Good coverage for the serious beekeeper. 75 Minutes (B)
11. **Artificial Insemination of the Queen Honey Bee.** This video by Dr. James Tew, the Extension Apiculturist in Ohio, provides good coverage of the use of the equipment used to artificially inseminate queen honey bees. Of limited interest to most but of more interest to a few. 25 Minutes (B)
12. **Queening and Colony Division.** This tape was produced by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. It covers the practices of six different commercial beekeepers used in queening and dividing colonies. Good coverage of the actual hands-on practices. 60 Minutes (B)
13. **Beekeeping-Equipment and Site Selection.** A Canadian video which provides good coverage on apiary site selection and equipment selection under Canadian conditions. There are some differences between Canada and North Carolina but this is still a useful video. 35 Minutes (B)
14. **A Look at Queen and Package Bee Production.** This video is by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. Steve Forrest visits several queen breeders and package bee producers and discusses queen rearing, artificial insemination of queen honey bees and package bee production. 60 Minutes (B)
15. **Free Bees.** This video is by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. It demonstrates the removal of honey bee colonies from trees and from Houses. 45 Minutes (B)
16. **How to Get Started - Taking Honey Bees From a Building.** This video by Dr. James Tew, the Extension Apiculturist in Ohio, and the U.S. Dept. of Agriculture's Extension Service demonstrates how a beekeeper can remove honey bees from a building. This can be a seemingly inexpensive way to get a colony of bees but it does require considerable amounts of time, labor and some equipment. 18 Minutes (B)
17. **An Introduction to Beekeeping.** This video by Ed Weiss takes you through the typical four seasons of beekeeping. Almost everything from installing a package to packaging the honey is covered. 58 Minutes (B,G,Y)
18. **A Year in the Life of an Apiary.** This is an eight episode video series on two tapes by Keith Delaplane, the Extension Apiculturist in Georgia. The tapes provide excellent coverage of the basics of beekeeping and should be of value to the beginning or the more experienced beekeeper. This tape series could be used as part of a local short course or bee school. 120 Minutes (B)
19. **Swarm Boxes - A Revolutionary Management Tool.** Brought to you by Brushy Mountain Bee Farm, Steve Forrest visits Paul Brown (among others) who demonstrates

how to use swarm traps and pheromone lures. Good for folks who want to catch (free) swarms in the spring. 50 Minutes (B)

20. **Setting Up a Package Swarm.** Colvin Alchison provides a nice review of how to establish a new honey bee colony from a package. Ideal for a new beekeeper who is starting from scratch. 41 Minutes (B)
21. **Keeping Bees and Producing Honey: An Introduction.** Steve Forrest talks with Dr. John Ambrose at NCSU about educational resources for beekeeping, demonstrates hive construction with his wife Sandy, shows how to put on protective clothing, demonstrates how to keep colonies in an urban setting, reviews some basic honey bee biology, and reviews a great number of management practices and techniques including honey extraction and bottling. Truly a wealth of information. 2 Hours, 33 Minutes (B,G)

### **Bee Diseases, Pests, and Africanized Honey Bees:**

22. **Varroa jacobsoni - Biology, Research & Control.** This video by the Bayer Corp. (maker of the coumaphos impregnated bee strips) is somewhat dated but it has some excellent photography of the varroa mite in the beehive and on honey bees. 32 Minutes (B)
23. **Varroa Mite Detection.** This video by Dr. Tom Sanford, the Extension Apiculturist in Florida, provides some good coverage of the varroa mite, even though it is a little dated. He describes the introduction of the mite into the U.S. and some of the detection methods. 12 Minutes (B)
24. **Bee Diseases.** This tape was produced by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. It provides discussions of the major honey bee diseases by several apicultural researchers. Most of the tape is discussion with little video coverage of the diseases or diseased bees but it is of some interest. 30 Minutes (B)
25. **Varroa Mite.** This video is by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. It provides coverage of varroa mites including some biology, detection, and control. Several researchers and commercial beekeepers are involved. 60 Minutes (B)
26. **Tracheal Mite Detection & Prevention.** This video is by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. Steve Forrest discusses tracheal mites and their control with several researchers. 60 Minutes (B)
27. **Africanized Bees-Learning to Live With Them.** This video by Dr. James Tew, the Extension Apiculturist in Ohio, and the U.S. Dept. of Agriculture's Extension Service shows how beekeepers and the general public are dealing with Africanized honey bees in Texas and in Mexico. The video presents a realistic overview of a situation that has been overdramatized by the media and misunderstood by the public. An excellent video on a topic of importance to all beekeepers regardless of where they live. 21 Minutes (B,G,Y)

28. **Africanized Honey Bees - Destroying Africanized Bee Hives.** This video by Dr. James Tew, the Extension Apiculturist in Ohio, and the U.S. Dept of Agriculture's Extension Service demonstrates how the beekeeper, the homeowner, or anyone can "safely" destroy a colony of Africanized honey bees. The practical use of this video is primarily for those states that have been invaded by Africanized honey bees, but the procedures can be used effectively to eliminate any aggressive (overly defensive) colony of honey bees. 15 Minutes (B)  
**Note:** This video also contains **Africanized Bees-Learning to Live With Them.**
29. **Controlling Varroa Mites and Small Hive Beetles in Honey Bee Colonies.** This short video demonstrates how to use CheckMite, the brand name of coumaphos, for its ability to combat two of the more notable parasites of managed bee colonies in North Carolina. 12 Minutes (B)
30. **DVD - Working with Mite-Away II.\*** A complete how-to for one of the newest treatments for varroa and tracheal mites, Mite-Away II pads with formic acid. Highly recommended for anyone wishing to use this new product. (2005) 10 Minutes (B)

**Pollination:**

31. **Pollination.** This video by the National Geographic Society provides excellent general coverage of pollination in general. There is some but limited coverage of actual honey bee pollination of plants. This is an excellent video for the beekeeper, the general public, and youth/school groups that are interested in learning about pollination. 23 Minutes (B,G,Y)
32. **Sexual Encounters of the Floral Kind.** This fascinating video by the Center for the Humanities examines the wide range of methods that have developed in various plants to attract insect pollinators. The emphasis is not on honey bees and honey bee pollination, but rather on a glimpse of some of the more "unusual" developments by some flowering plants to attract insect pollinators. See how flowers mimic insects, decaying animal matter and much more in their efforts to insure pollination. There is even some fascinating video coverage of bird and mammal pollination of plants. 48 Minutes (B,G)
33. **Pollination: The Insect Connection.** This video by the Carolina Biological Supply Company presents the co-evolution of plants and their pollinators and these remarkable plant-insect relationships. This video gives a brief overview of the role that insects play in the ecosystem by pollinating flowering plants. 14 Minutes (G,Y)
34. **Beekeeping: A Unique Industry. Pollination and Bees: A Good Arrangement.\*** This video produced by Ohio State University discusses many different aspects of honey bee pollination. Topics include flower morphology and how pollination works, the relationship between the honey bee and the plant, and the effect pollination has on crop yield. 1Hour, 41 Minutes (B,G,Y)  
**Also available on DVD.**

35. **Pollination: The future, science and business.\*** Produced by Bee Culture. This video is series of speakers of various backgrounds involved in the pollination business. This video is based on experiences in California, but would also be relevant for North Carolina. Topics include almond pollination, genetically modified crops, dealing Africanized honey bees, writing pollination contracts, and other legal issues beekeepers might face. Recommended for beekeepers in the pollination business. **\*TIME\*** (B)  
**Also available on DVD.**

### **Honey and Hive Products:**

36. **From Bee to Bottle.** This video by Art Halstead, a N.C. Master Beekeeper won the NCSBA's Amateur Video Award at one of the Association's Summer Conventions. It provides good coverage for the hobby beekeeper and the processes of robbing (removing) honey from the hive, extracting the honey, and bottling the final product.  
15 Minutes (B,G,Y)
37. **The Honey Consumer in the 90's.** This video by Mary Humann and the National Honey Board presents some important and interesting information about who is consuming honey. The information is based on real studies, which describe who is buying honey (particularly in the store) and how the honey is being used. The tape also deals with a number of ideas and myths regarding honey. The tape does stop short of telling you how to reach new consumers, but it does have some very good information on potential customers. 35 Minutes (B)
38. **Is Commercial Beekeeping Really Profitable?** This video by Dr. Tom Sanford, the Extension Apiculturist in Florida) and the National Honey Board examines the costs and profitability of commercial beekeeping. Following Dr. Sanford's presentation, three commercial beekeepers discuss their beekeeping operations. An excellent video for any hobby or sideline beekeeper who is considering increasing their bee operation.  
45 Minutes (B)
39. **Is Exporting (Honey) in Your Future?** This video by the National Honey Board is coverage of a seminar by Wayne Molstad who is a Promotions Specialist with the U.S. Dept of Agriculture. Mr. Molstad describes some of the USDA resources that are available to those individuals who are "serious" about selling their products overseas. The quality of the speaker presentation is good but he does reference overheads (overhead transparencies) which are not visible on the tape. 30 Minutes (B)
40. **Caviar Promotions on a Baked Bean Budget.** This videotape from the National Honey presents a seminar by Mary Lye who is a Honey Promotion Specialist employed by the Canadian government. She describes a number of methods to improve honey promotion that involve little or no cost to the promoter/beekeeper. Her ideas seem to be very useful and straight forward. The quality of her presentation is very good but she does reference overhead transparencies in her talk which are not visible on the tape. However, just listening to her presentation could spark a few useful ideas for the viewer. 30 Minutes (B)

41. **Honey in the Comb.** This video by Eugene Killion, an expert on making comb honey, provides excellent coverage on all aspects of making round and square sections of comb honey. This is a great video for all beekeepers, even those who have no intention of ever making comb honey. 35 Minutes (B)
42. **The Art of the Sting: Bee Venom Therapy.** This video is the first in “The Art of the Sting” series by James R. Higgins (1998) of Hillsboro, OH. Higgins reviews the benefits of honey bee acupuncture, part of an apitherapy program. He lectures and demonstrates how to administer stings to maximize the benefits. 35 Minutes (G)
43. **The Art of the Sting: Nerve Centers for Arthritis and Multiple Sclerosis.** This video is the second in “The Art of the Sting” series by James R. Higgins (1998). This video shows how to find the correct points of the body to get stung for therapeutic purposes. 38 Minutes (G)
44. **The Art of the Sting: The Care and Maintenance of Bees for Therapy.** This video is the third in “The Art of the Sting” series by James R. Higgins (1998). Some basic pointers on how to effectively obtain bees from a hive for apitherapy. 29 Minutes (B,G)
45. **The Magic of Mead.\*** This video is by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. Tricks and secrets of making Mead. 60 Minutes (G)
46. **Candle Making for Everyone.\*** This video is by Dauenhauer Productions and Brushy Mountain Bee Farm in North Carolina. A must-see video for anyone interested in making beeswax candles. Demonstrates several techniques and styles. (1991) 1Hour, 12 Minutes (G,Y)

#### **Honey Bees in General and Related Insects:**

47. **Life Cycle of the Honey Bee.** This program examines the honey bee colony in detail and follows the complete life cycle: laying and hatching of eggs, feeding of larvae, sealing the cells, making the cocoons, and development of the pupae. The second part deals with behavior of drones and foraging. (1991) 21 Minutes (G,Y)
48. **Bee Beards, Bee Stings, & Controlling Wasps.** This video by Dr. John T. Ambrose and the N.C. Cooperative Extension Service (NCCES) covers three vaguely bee related topics on one thirty minute tape. The presentations were originally produced for the NCCES television program “Almanac” on the Public Broadcasting System. Information of general use to beekeepers and non-beekeepers alike. 30 Minutes (B,G,Y)
49. **Biography of a Bee.** This video by the Moody Institute of Science provides good coverage of the bee colony and its inhabitants. Excellent photography and good coverage of the bees performing routine tasks such as nectar collection, honey processing etc. 14 Minutes (B,G,Y)

50. **Mathematics of the Honey Comb.** Honey bees as mathematicians. This video shows how we have figured out what the honey bees knew all along. The six sided, hexagon, bee cell is much stronger than a round or square cell. The program is fairly technical but interesting. 13 Minutes (B,G,Y)
51. **The Monk and the Honey Bee.** Excellent coverage of the life of Brother Adam and his development of the Buckfast Bee. Brother Adam, a Benedictine monk, devoted much of his life to developing the Buckfast Bee to deal with the devastation that was initially caused by tracheal mites (Isle of Wight Disease) in the U.K. One of the heroes of beekeeping. 90 Minutes (B,G,Y)
52. **Life of the Honey Bee.** This videotape by the Films for Humanities and the Sciences provides detailed coverage of organization and activities of the honey bee colony. The photographic coverage of the bees and their activities is excellent and helps to increase both the beekeeper and the non-beekeeper's understanding of these fascinating insects. 44 Minutes (B,G,Y)
53. **The Evolution of Social Behavior in Bees.** This videotape by the Films for the Humanities and the Sciences tells the story of how cooperative social behavior developed in the bees and the wasps including honey bees, bumble bees, and the social wasps. Honey bees are not unique in being social insects and this video does a good job of showing how sociality has developed in several different insect groups. 54 Minutes (B,G,Y)
54. **Insect Diversity.** This good general introduction to the diversity of insects describes the characteristics that define an insect and shows examples of the many different insect types. Each example is shown using eye-catching close-up photography, with great use of time-elapsd sequences. Topics include types of metamorphosis, wings and mouthparts. Also covered are molting, types of coloration and camouflage, predatory insects, herbivorous insects, parasites, insect/plant relationships, pollination and social insects with a good treatment of honey bees. 25 Minutes (B,G,Y)
55. **Bees: Backyard Science.\*** A decent overview of basic bee biology and a nice introduction to honey extraction. (1978) 15 Minutes (B,G,Y)
56. **The Birth of the Bees.\*** Learn about honey bees by learning about their close relatives! This video tells the story of the evolution of cooperative social behavior in digger wasps, mason bees, bumblebees, honey bees, and others. It also explores the genetic theory of kin selection that underlies the evolution of sociality in social insects. (1995) 55 Minutes (G,Y)
57. **Tales from the Hive.\*** This NOVA video exposes a bee colony's secret world – detailing such rarely seen events as the life-or-death battle between a pair of rival queens, a bee eater's attack on the hive, and a scout bee's mysterious dance that shares special “nectar directions” with the rest of the hive. Also, watch the high-speed mid-air

“wedding flight” of a drone and queen. (1998) 60 Minutes (G,Y)

### Bees and the Public:

58. **Visit to a Honey Bee Farm.** This video by Journal Films Inc. depicts a tour of an apiary by a beekeeper and two children. In addition to observing bees working in the and about the hive, there is also coverage of honey collecting and processing. This video is of good general interest particularly to youth/school groups. 10 Minutes (B,Y)
59. **What’s Buzzing?** This video was produced by the National Honey Board depicts a TV News format with several children discussing the importance of honey bees and pollination. An excellent program for school age children. 10 Minutes (B,Y)
60. **Controlling Honey Bee Emergencies.\*** Created by A. I. Root Company for Fire Departments, this video is a must-see for first responders – including beekeepers – for bee spills or other accidents involving honey bees. It shows how to effectively handle the four most common honey bee emergencies, the equipment you need, and how to use it. (1992) 30 Minutes (B,G)

### INSTRUCTIONS FOR REQUESTING VIDEOTAPES

1. All requests should be made by **email** or writing **2 weeks in advance** of planned use to allow for shipping. We do not hold videos, so please do not request a video prior to 2 weeks before the planned use date. Make sure to list alternate choices in case your first choice is not available.

All requests should be made through your local County Extension Office or your local Beekeeping Chapter. Address requests to:

Jean Carter, Admin. Support Assoc.  
 Master Beekeeper Program  
 Department of Entomology  
 Campus Box 7613  
 North Carolina State University  
 Raleigh, NC 27695-7613  
 -or-  
 Email: [jean\\_carter@ncsu.edu](mailto:jean_carter@ncsu.edu)

2. Due to the popularity and demand for these visual materials, we are able to loan only **ONE** video at a time. Please do not ask for more than one video.
3. Videos may be checked out for no more than 30 days before being considered overdue.
4. Please return tapes **promptly** to the address above after viewing.