

# SEPTEMBER NEWSLETTER

For Your Diary - all events 7:30 pm at the Environment Centre unless otherwise stated

15th to 20th September	Apimondia, Montpellier, France
25th September	AGM & Frame/Black Jar/Cake Competition.
10th October	Presidents Dinner (location/time TBD)
20th October	Celia Davis "NUC it".
27th November	Martin Buckle. Skeps and their history.



## IN THIS MONTH'S EDITION

- 🐝 FROM THE EDITOR'S DESK
- 🐝 CHAIRMAN'S LETTER
- 🐝 PRESIDENT'S EVENING
- 🐝 SEASONAL TIPS & REMINDERS
- 🐝 AGM NIGHT - COMPETITION RULES
- 🐝 BEE-KEEPING TASTER EVENT
- 🐝 REFRESHED ENVIRONMENT CENTRE
- 🐝 BBKA RESEARCH DONATION
- 🐝 HWBKA ADMIN TEAM
- 🐝 UP TO DATE LIBRARY LIST

### From the Editor's Desk

There is a lot of information to share with you this month so I have decided to break the publication in two for easier digestion.

The newsletter has the usual valuable information (less a few pictures to keep the size down). Pauline has spent time this month sorting out the library so instead of the 'beehive of the month' slot I have included the complete list of books available. Please see Pauline's note at the end of the newsletter.

For those of you who get this via email, there is another attachment containing all you need to know about this year's A.G.M. Please take time to scan the contents There is valuable information about the running of your association.

Ed West has asked me to remind you that membership subscriptions will be due following the A.G.M. Full details, and a subscription form, will be in the October newsletter.

As for me, I need to get this edition published in order to remove honey from our last remaining hive. This is the fourth attempt so any trouble from the little darlings and the leaf-blower will be brought in to play !!

*Kenn Shearer*

### Chairman's Letter

This will be my last Chairman's letter before handing over to a new Chairman. From the nominations that have been proposed we shall have some new ideas in these challenging times for beekeeping.

My last duty will be to run the A.G.M. Apart from the election of officers and committee members, the most important part of the meeting will be the mini honey show, details and an entry form are with this newsletter. Please enter and make this a successful show. Phone calls and arm twisting tactics will be used if entries are not made voluntarily.

Cups and prizes for the honey show will be presented at the presidents

dinner details which are given below. Please give this your support.

On Friday September 18th at 7:30 p.m. Clive Hill is organising an evening for the general public who are interested in beekeeping (see later in newsletter). The venue will be the environment centre and he would appreciate it if members would come along and give him some support.

Last week I called to see John Crick and though you would all be please to hear that he was in good form and is hoping to come along to the A.G.M.

I would like to thank all members of the administration team for their help and support in running the association during my time as Chairman and I will end by saying that I am now retiring to the back benches.

*Bob Hunter, Chairman*

### President's Evening

For the benefit of our new members, this is our annual social get together when I can acknowledge the contributions of various members to the running of our club. The evening takes the format of a meal followed by the awards and then a speaker on a subject, hopefully of interest to us all, but not about Beekeeping!!!

This year it will be held at Frieth Village Hall on Saturday 10th October.

Starting at 7pm for 7.30. Tickets are £20 per person. This includes the meal and soft drinks. Please bring your own wine, beer or mead.

Numbers are limited to 60 so please let me know if you would like to come. No need to send money at this stage.

To book your tickets either telephone 01494 881205 or email willsteynor@hotmail.com

All emails will be replied to so you can be sure I have received them.

I look forward to welcoming you on the 10th October.

*Will Steynor.*

# HIGH WYCOMBE & DISTRICT BEEKEEPERS ASSOCIATION

## Seasonal Tips and Reminders

- 🐝 **Anti-robbing measures**
- 🐝 **Making Sugar Syrup**
- 🐝 **How much Stores needed ?**
- 🐝 **Varroa Control**

The honey crop is off, Varroa treatment started..... So, what is to be done?

Quite a bit actually: Selling honey. Anti-robbing precautions. Completion of feeding and varroa treatment. Starting preparation for winter. Removal of varroicide and Checking that it worked.

**Selling Honey.** The local retail price of honey appears to have increased over the last few months, moving from around £3.75 towards £4.00 per 454g jar. Last autumn my memory says it was closer to £3.50. If you've had a good crop and want to recover some of your outlay, don't undervalue your product: but do make sure your labelling meets the legal requirements. The BBKA website has relevant guidance.

**Protection against robbing.** With the dearth of nectar, honeybees (and wasps) will be hunting round for food. They can easily turn to robbing weakly defended colonies: so you need minimal size entrances to allow effective defence. The hive must still have good ventilation – but mesh Varroa Floors work wonders here. If a colony is being badly attacked, you can substitute the normal slot entrance block by a similar sized piece of plain timber which has just a simple  $\frac{3}{8}$ " or 9 – 10 mm hole drilled through it. This will make the guard bees colony defence work much more effective.

**The remaining Bee Forage.** On recent trips from home I've noticed some residual Willowherb and quite a few hawkweed flowers on the verges, also some white clover and dandelion. Himalayan Balsam and Japanese Knotweed are also in flower. These, and late summer garden flowers such as Golden Rod, Michaelmas Daisies etc, the bees will work avidly. The only significant nectar flow yet to come will be from Ivy. Traditionally this flowers in October, but climate change is moving this progressively earlier. Ivy is very common plant throughout our area and this year I saw the first flowers being worked in the last few days of August. On most plants though, although the buds are almost ready, the flowers have yet to get going. You'll know when the bees are working it, since the nectar has a distinctive and strong smell. The nectar is very concentrated and the honey made from it sets almost immediately in the comb, with an extremely fine granulation. Ivy pollen is collected too and is a greeny orange colour. Many colonies will find enough Ivy nectar to take them through the winter, but you will only find this out in your own locality by experience.

**Preparation for winter.** Honeybee colonies are now shrinking in numbers by natural wastage. This leaves a population of younger "winter bees" to go through to spring. A useful thing the passing "summer bees" can do is to use their time and enzymes to work up sugar syrup feed and turn it into winter stores. Working-up syrup to stores is slow process: you need to allow time for the enzyme induced inversion of the sucrose, and the reduction of it's water content to 18% - like ripe honey. But how much syrup do you need to feed? and what is the best way to do so?

**Sugar Syrup for feeding bees.** First, some facts and figures. The "standard concentration" talked about in beekeeping books is 2 lb. of sugar to 1 pint of water: but you don't need to be accurate - the bees won't notice. In the simplest format, put some granulated sugar in a container;

add enough water to fill the air gaps between the sugar crystals; then stir to dissolve. Hot water or cold won't matter, but you need to stir longer to dissolve the sugar with cold water.

8 lb. sugar gives 1 gallon of syrup, which weighs approx. 13 lb. The water content of this syrup is 38.5%, the sugar 61.5%. The Specific gravity (density) is about 1.3. A gallon of this syrup, when fed to the bees, will produce approx. 12 lb. of stores and this will be equivalent to 10 lb. of honey stores.

If you think in Metric quantities, a rough metric equivalent to 2 lb/pint (but a little stronger) would be 1 kg sugar to 600 ml water. Scaling this up, 5 kg sugar plus 3.0 litres water gives 6.1 litres. 5 litres of this syrup will produce approx. 6.0 kg of stores and this will be equivalent to 5.0 kg of honey stores.

Feed syrup as early as possible during September. When you feed it, give it in the evening, and keep the hive entrance small. Feed all the hives in the apiary, even if it is just a little for some colonies, because this will help prevent robbing. A small entrance will help the guard bees to protect the colony from prowling robbers, or wasps. (See above.)

A colony needs access to some 35 - 40 lb. (16 - 18 kg) of stores to overwinter successfully, but may only use 20 - 25 lb. (9 - 11 kg) in some winters. (It is not an exact science!)

The traditional way to check hive weights is by "hefting" them - lifting them gently and guessing the weight. (They should feel significantly heavy!) However, a better way is to use a spring balance to weigh the hives and so check more accurately that they have enough stores. Position the balance midway on either side of the floorboard. Round head screws located in the centre at either side of the floorboard will help you to locate the balance. Use a piece of string, to link balance hook to the screw. Lift from both the left and right sides in turn, noting the balance reading when the floorboard is just eased off the hive stand. Add the two weights together to give the total weight. (You should be able to do a similar weighing with a digital bathroom scale and a stick to take the weight between the hive side and the scale platform !)

To have the recommended 45 lb. (20 kg) of stores, the following total weights should be achieved. (These figures include floorboard, crown board, brood box, combs and bees.) National Brood Chamber - 68 lb. (31 kg). National Brood and a half - 77 lb. (35 kg). National Double Brood 85 lb (38.6 kg). Deep National (14" x 12") - 75 - 80 lb (34 kg). Commercial (16" x 10") - 75 lb. (34 kg).

If you have a WBC, you can still weigh the hive as above, but since these hives vary widely in the type and thickness of wood used, the empty weight and correct target weight required is rather more problematical. Here is a way round the problem..... You need a spare floor, brood box porch lift and coverboard. Put a carton onto the bathroom scales, then load it with bricks to 50 lb. in weight - this allows 10 lb. extra for frames and bees. Put the loaded carton into the hive, then test it's weight by hefting, or by using the spring balance as before.

One common "wintering routine" is to leave a super of stores on the hive over winter, to feed the bees. Ian Homer, our former Regional Bees Office, maintains that the best way to do this is to position the super under the brood chamber. The bees will then use the food and clear the frames, without using them for brood. In the spring the empty box is then ready to be brought back to the top of the hive, for use again as a honey super.

**Varroa Control / Treatment.** In August I stressed the need for Varroa control - to ensure healthy bees for the over-winter

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period. There is still time to treat the colonies, if you missed that time window: but if there are significant numbers of mites, or if the night time temperature dips for long below 10°C, since this reduces the thymol vapour level inside the hive; you'll not get such good colony strength in the spring. Make sure to monitor the colony's mite drop rate before, during treatment (to see that it is working) and again after treatment. Make sure to record the results before and after, the Apiguard batch number, the start date and the end date. The FERA booklet 'Managing Varroa' (PB10859) June 2005 explains all about how to do this. You can view the text on-line at the NBU website <http://beebase.csl.gov.uk/> or get your own copy of the booklet from them.

Finally, do make the time to sit beside a hive..... And wonder where they're finding that pollen!

*Clive Hill*


## AGM Night - Competition Rules

OK so I said last month that I would not mention the competition again. Since then Scott has persuaded me that everyone needs a final reminder so ..... here it is again - for the very last time !!

There is an entry for attached to this newsletter which you should complete and return to Scott. He also said that if it helps, you can phone him with your details and he will complete the form for you.




### Frame of Honey

Make up the verified frame (purchased from Scott) and insert it in your super during a honey flow, once capped bring along the drawn out honey filled frame for Judging. It does not matter how imperfect the frame is. It's the fun of seeing what the bees have done, or not done.

-  **Best looking frame £10 prize.**
-  **Heaviest frame £5 prize**
-  **Worst frame £2 prize**




### Black Jar

Black out a 1lb honey jar on the outside with black tape or paint etc so you can't see its contents. Fill with your best honey and bring along for judging. It's the taste and smell what counts.

-  1st prize: Best tasting Honey. £10 prize
-  2nd prize Runner up £5 prize
-  3rd prize Runner up £2 prize

### Creamed Honey (New Addition)

Cream some Honey and bring along for judging.




-  1st prize: Best tasting Honey. £10 prize
-  2nd prize Runner up £5 prize
-  3rd prize Runner up £2 prize

### Honey Cake

Make a honey cake to the recipe below and bring along for judging.

- 6ozs Honey
- 5ozs butter
- 3ozs soft brown sugar
- 2eggs beaten
- 7ozs self raising flour

Measure honey, butter and sugar into a large pan. Add 1tbs water and heat gently till melted. Remove from heat and mix in the eggs and sieved flour. Turn the mixture into a greased and lined 7" /18cm diameter round cake tin. Bake in a moderate oven 180C - Gas 4 for 40-45 minutes or until the cake is springy in the centre and just shrinking from the edges of the tin. Cool in the tin for one minute before turning out on to a wire rack.

-  1st prize: Best tasting Honey Cake. £10 prize
-  2nd prize Runner up £5
-  3rd prize Runner up £2

Judging will be by Vivienne Brown, our own National Honey Judge.

After the judging, Vivienne will explain how and why she has made the prize decisions; and she will discuss the frames so we can learn about them, and their contents (or lack of contents!) and begin to understand both the Judging Process; and the intricacies of getting a frame for honey drawn and filled.

If you require further information ask Scott.

01494717032 07748788241 [scotrutland@talktalk.net](mailto:scotrutland@talktalk.net)

*Scott Rutland*

## Bee-Keeping Taster event. Friday 18th September. 7.30pm at The Environment Centre.

We've called this "An Introduction to the World of Bees & Beekeeping". It's an opportunity for non-beekeepers to learn about The World of Bees and The Craft of Beekeeping. Attendance is free. There will be a Talk, Videos to watch, Equipment to see, Honey to taste ... and Beekeepers to meet.

While I was Chairman, I held these events as an extension of the 2006-8 Beginners Progress Review evenings. This year Beekeeping's public profile has increased enormously, so we've decided to hold it as a separate event. Publicity has been via The Environment Centre and the HWBKA website and we could get a large turnout! The evening is intended to make contact with interested members of the public and give them insight to the wide-ranging world of bees, pollination etc. Several people who came to earlier events are now beekeepers. Come along and meet some potential beekeepers of the future.

*Clive Hill*

# HIGH WYCOMBE & DISTRICT BEEKEEPERS ASSOCIATION

## Refreshed Environment Centre



The Meeting Room has just had a significant make-over, which has greatly improved its appearance. You'll find the room much lighter, welcoming and more

practical. A key part of the change is the installation of a new seamless Linoleum floor-covering, which will make it much easier to keep the place clean. We've also refreshed the HWBKA display material and reorganised our cupboards. My sincere thanks to those who have helped with the project.

*Clive Hill*

Please telephone her for a copy on 020 33 55 8716 and leave your name and address after the recorded message. It is available to download on the National Honey Show website [www.honeyshow.co.uk](http://www.honeyshow.co.uk) where you can also find lots of interesting information about the show.

The show is at St Georges College, Woburn Hill, Weybridge, Surrey, KT15 2QS (follow the A317 from junction 11 of the M25) on Thursday 29th (2.00pm to 6pm) Friday 30th (9.30am to 6pm) and Saturday 31st October (9.30am to 4.45pm).

Admission for non-members is £12 but you can become a member of the National Honey Show for £10 (or £11 via Paypal) and then entry is free. Accompanied children of 16 years and under are free and additional family members over 16 years living at the same address can come in for £5 each. On Saturday admission after 12 noon is £5 for everyone. You can join at the door or by contacting the membership secretary, Mrs Sandra Rickwood, 19 Kenwood Drive, Walton-on-Thames, Surrey, KT12 5AU. Alternatively, email [rhoneyshow@googlemail.com](mailto:rhoneyshow@googlemail.com) or telephone 020 33 55 8716 and leave a message.

*Sheila Borwick*

## The National Honey Show (part 2)

The National Honey Show is getting closer - the 'gold standard' honey show - the equivalent of Wimbledon for tennis players. The 78th N.H.S. will be held in Weybridge, Surrey at the end of October. There are almost 250 classes and beekeepers come from all over the world to enter so it is truly an international show. Why not book a ticket now to see the best of the best?

Walking around the displays is an education in itself. A full programme of workshops and lectures will run during the show and there will be a wide selection of trade stands with lots of equipment and books to buy.

By now most of you will have extracted your honey and hopefully will have kept back an exhibition standard frame or two. Have a look at the schedule and see what you could enter. Don't forget that entry forms must be in by 1st October. It's also worth remembering that certain classes (photography for example) require you to deliver your finished entry well before the show; so do check.

How are you going to get your entries to the show? Exhibitors delivering personally to the show must bring their entries on Wednesday 28th October between 2.30pm and 6pm. You hand them over to a steward who will stage them for you. You could use a courier or post. In this case your entry must arrive at St Georges College after 21st October and before noon on 28th October. Why not persuade one member of your association to bring all the entries from your association to the show. You could split the fuel costs. Don't forget someone will also need to collect them on Saturday 31st October after the show closes. Thornes have, once again, kindly agreed to take exhibits to the show on your behalf. You can drop your entries at any Thornes agent south of the Scottish border. Jeremy Burbidge of Northern Bee Books has kindly offered the same facility to anyone who can deliver to him. (By Monday 26th October and please call him before you visit.)

Scout Bottom Farm, Mytholmroyd, Hebden Bridge, Yorkshire HX7 5JS

(01422 882751 - [jeremy@recordermail.demon.co.uk](mailto:jeremy@recordermail.demon.co.uk))

The 2009 schedule of classes and entry application is available from the membership secretary, Sandra Rickwood.

## BBKA Research Donation

In the May newsletter I asked members for their agreement to using the BBKA donations to support a nominated research group, rather than handing the money over to BBKA for use we know not where. I had no replies which I take to mean agreement!

Since that time, as a result of Bill Bendyshe-Brown's efforts on swarm collection and Gift Aid, we have amassed a considerable sum for donation. Assuming my claim for tax refunds is approved we will have in total more than £1600 to donate!

The committee has discussed the possible research groups that we could support carefully and now proposes to put to the AGM the recommendation that we support the LASI group at Sussex (see the May newsletter for more background) and, in particular, to support the work of Norman Carreck who is well known to members and a practical beekeeper. The proposal is to donate £1000 from the funds available, and leave the balance for the incoming committee to donate as they choose.

I urge members to attend the AGM and vote to approve this donation.

*Ed West*

# HIGH WYCOMBE & DISTRICT BEEKEEPERS ASSOCIATION

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<b>Bob Hunter</b>	01 494 716379	<a href="mailto:vrhnr@aol.com">vrhnr@aol.com</a>
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HWBKA Secretary and examination secretary for Bucks.		
<b>Clive Hill</b>	01 494 526557	<a href="mailto:clive_hill@talktalk.net">clive_hill@talktalk.net</a>
Vice Chairman. Clive will also contribute his monthly newsletter notes.		
<b>Ed West</b>	01 494 520874	<a href="mailto:westwweste@aol.com">westwweste@aol.com</a>
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Programme secretary. Julian welcomes any suggestions for our monthly meeting content & speakers		
<b>Kenn Shearer</b>	01 494 450616	<a href="mailto:kennshearer@mac.com">kennshearer@mac.com</a>
Editor of our monthly newsletter and joint manager of the membership database with Ed West.		
<b>Phil Wiggins</b>	01 628 482110	<a href="mailto:philwiggins@tiscali.co.uk">philwiggins@tiscali.co.uk</a>
Apiary manager. Paul Baker assists as deputy manager. Together they will co-ordinate the activities at the association apiary at Marlow.		
<b>Scott Rutland</b>	01 494 717032	<a href="mailto:scottrutland@talktalk.net">scottrutland@talktalk.net</a>
Special events organiser		
<b>Bill Bendyshe-Brown</b>	01 844 342103	<a href="mailto:b3csl@tiscali.co.uk">b3csl@tiscali.co.uk</a>
Swarm officer		
<b>Tim Fountain</b>	01 494 675029	<a href="mailto:tim.fountain@zen.co.uk">tim.fountain@zen.co.uk</a>
Tim writes the report for the monthly meetings for the newsletter.		
<b>Pauline Shearer</b>	01 494 450616	<a href="mailto:paulineshearer@mac.com">paulineshearer@mac.com</a>
Librarian		
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School Visits and Education		
<b>Will Steynor</b>	01 494 801205	<a href="mailto:willsteynor@hotmail.com">willsteynor@hotmail.com</a>
President.		

## Up to date Library List

Attached to this newsletter you will find an up to date list of Library books.

As you will see we do have an excellent resource here of books spanning the ages, diverse aspects of beekeeping from books for beginners to more specialised topics such as queen rearing , plants to attract bees for your garden and the various medicinal benefits of bee products.

So do take some time to peruse this list – you may discover we have just the book you could have done with when clearing your supers etc - I know I did when checking through the list!

Doubtless you will also notice that there are a number of books apparently missing – the good news is that people are using the Library – the not so good news is that it is taking rather a long time for them to be returned. So please may I ask you to double check at home, behind the sofa etc - I would be delighted to have these returned so that others may also benefit from them.

Each year new books are being added so there are some of the very latest publications (The Buzz about Bees) as well as fascinating glimpses of beekeeping from past ages (The Historie of Bees - a facsimile copy up to the 1800's).

As we all know the topic of beekeeping is vast and you never stop learning so why not take advantage of the longer evenings that are fast approaching and hunker down with a good read - much more rewarding than most TV viewing! I know I will be!

It would also be great to have your feedback/review of any of our library books you read that you've particularly enjoyed as well as any recommendations of titles that would be good additions to the Library.

It's very easy to overlook this gem of a resource and I'm hoping that by issuing everyone with a copy of our list it will give you the time to peruse it and look out the relevant tomes at our next meeting – not to mention being a gentle reminder to return some of those books that have taken up residence on your bookshelves at home!

*Pauline Shearer*

## HWBKA LIBRARY - FULL LIST SEPTEMBER 2009

	AUTHOR	TITLE	Date	Status
1	Adam	In Search of the Best Strains of Bees	1983	
2	Adam	Beekeeping at Buckfast Abbey	1975	
3	Agriculture Canada	Beehive Construxion		Missing
4	Alford	The Life of the Bumblebee	1978	
5	Allan Matthew	Basic Honey Processing	1993	
6	Allan Matthew	Beekeepers Toolbox		Missing
7	Allan Matthew	Manipulations		Missing
9	American Honey Inst	New Favorite Honey Recipes		Missing
10	Apimondia	Varroasis, a Honey Bee Disease	1977	
	Aston David & Bucknall Sally	Plants & Honey Bees, Their Relationships	2004	
11	Bailey	Honey Bee Pathology		Missing
12	Bailey	Infectious Diseases of the Honey Bee	1963	
13	Bakker	Bees Flowers & Fruits		Missing
14	BBKA	Honeybee Anatomy		Missing
15	Bent E R	Swarm Control Survey		Missing
16	Betts	The Diseases of Bees	1951	
	BIBBA	Beekeeping in Britan (J E Dews & E Milner)	1991	
17	BIBBA	Pedigree Bee Breeding in Western Europe	1981	
18	BIBBA	Seeds for Beekeepers	1993	
19	BIBBA	Guidelines for Bee Breeding		Missing
20	Bielby	Home Honey Production	1977	
22	Bill Lesley (Bro Adam)	For the love of Bees - Buckfast		Missing
23	Boule	Henri Jeanmaire's Clocks (In French).		
24	Brown R H	One Thousand Years of Devon Bee Keeping	1975	
26	Brown	Beeswax		Missing
27	Brown Ron	Look Learn Listen at tha Hive-Side	1996	
28	Brown Ron	Simple Two Queen System	1980	
29	Brown Ron	Beekeeping a Seasonal Guide		Missing
30	Brown Ron	Honeybees - a Guide to Management		Missing
31	Brown Ron	Managing Mininucs		Missing
32	Bruyn Clive de	Practical Beekeeping		Missing
33	Butler	The Historie of Bees	to 1800	
34	Calder Margaret	Recipes using Beeswax		
	Caron Dewey M	Honey Bee Biology & Beekeeping	1999	
35	Channel 4 TV	The Industrious Bee		Missing
36	Charriere & Imdorf	Protection of Honey Combs From Wax Moth Damage	1997	
37	Campion Alan	Bees at the Bottom of the Garden	2001	1 missing
38	Cooper Beowulf A	Honeybees of the British Isles	1986	
39	Cotton	Manual for New Zealand Bee Keepers	1848	
40	Cook Vince	Queen Rearing Simplified	1986	
41	Couston	Priciples of Practical Bee Keeping	1972	
42	Cowan	The British Bee Keepers Guide Book		Missing
43	Crane	Honey	1979	
44	Crane	A Book of Honey	1980	
45	Crane	The Archaeology of Bee Keeping	1983	
46	Croft L R	Curiosities of Bee Keeping	1990	
47	Croft Dr Laurie R	Profitable Beekeeping	1986	
	Croft Laurie	Honey & Health	1987	
48	Dade	Anatomy and Dissection of the Honey Bee	1977	
49	DARG	The Beeway Code	1981	
50	DARG	Queen Rearing		
51	DARG	Living with Varroa Jacobsoni	1992	
52	DARG	Seasonal Management		Missing
53	DARG	Guide to Swarm Control		Missing
54	Dartington Robin	Management of a Honeybee Colony	2000	
	Davis Celia F	The Bee Round & About		Out
	Davis Celia F	The Honey Bee Inside & Out	2006	
55	Deans ASC	Bees & Beekeeping		Missing
56	Diemer Irmgard	Bees & Beekeeping		Missing
57	Digges J G	The Practical Bee Guide	1945	
58	Dodd	Beemasters of the Past	1983	
59	Doolittle	Scientific Queen Rearing	1915	
60	Dubion Charles & Pauline	Practical Queen Rearing	1987	
61	FIBA	Bees, Hives & Honey	2000	1 missing
62	Field	Honey by the Ton		
63	Field Brierley	Beautiful Queens and Honey Too		Missing
64	Foster A M	Bee Boles & Bee Houses		

## HWBKA LIBRARY - FULL LIST SEPTEMBER 2009

	AUTHOR	TITLE	Date	Status
65	Frankland	Bee Sting Allergy (IBRA Pamphlet)		Missing
66	Fraser H Malcolm	Bee Keeping in Antiquity	1951	
67	Fraser H Malcolm	History of Bee Keeping in Britain	1958	
68	Free	Honey Bee Biology	1970	
69	Free John B	Social Organization of Honey Bees	1977	
70	Frisch	The Dancing Bees	1953	
71	Furness	Beeswax Candles		Missing
72	Furness Clara	Mary Workman's Honey Recipes		Missing
73	Goodman Lesley	Form and Function in the Honey Bee	2003	
74	Gordon Peter	Starting with Bees	2004	
75	Gould & Gould	Honey Bee	1995	
76	Gove Reg	Solar Wax Extractor		
77	Gregg	The Philosophy and Practice of Bee Keeping	1949	
78	Hamilton William	Art of Beekeeping		Missing
79	Hamer John	Making a Foundation Press & Wiring Board		
80	Hansen	Honey Bee Brood Diseases		
81	Heath Len	A Case of Hives	1985	
82	Herrod Hemsall	The Bee Keepers Guide		Missing
	Hill Ray	Propolis - the Natural Antibiotic	1977	
83	Hodges	The Pollen Foods of the Honey Bee	1952	
84	Hooper	Guide to Bees and Honey	various	
85	Hooper M M	Common Sense Beekeeping		Missing
86	Hooper Ted & Taylor M	Beekeepers Garden		Missing
87	Howe RJ & WE	Practical Bee Keeping	1980	
88	Howdes FN	Plants & Beekeeping	1945	
89	IBRA	Living with Varroa	1993	
90	IBRA	Garden Plants Valuable to Bees	1981	
91	Jaycox Elbert R	Beekeeping Tips & Topics		Missing
92	Johansen	Some Important Operations in Bee Management		Missing
93	Kelly	Why Bees Swarm		
94	Kelsey W Eric	Spell of the Honey Bee	1977	
95	Ladybird	Life of the Honey Bee		Missing
96	Laker Colin	Clearing Bees from Supers		
97	Levandovska C	World of the Bee		Missing
98	Loring Murray DVM J D	Bees and the Law (USA 1981)		
99	Mace	The Complete Handbook of Beekeeping	1976	
100	Mace	The Bee Keepers Handbook	1952	
101	McLean & Irving-Cook	Textbook of Theoretical Botany	1961	
102	Maeterlink	The Life of the Bee	1901	
103	Manley R O B	Beekeeping in Britain		Missing
104	Manley R O B	Honey Farming		Missing
105	Matheson Andrew	Practical Bee Keeping in N Z	1984	
106	McArthur AE	Swarm Trigger Discovered	1984	
107	Mellor Isha	Honey		Missing
108	Melzer Werner	Bee Keeping	1986	
109	Metcalf Paul	First Inspection Bees in Spring		
110	Meyer	The Bee Keepers Handbook	1981	
111	ADAS	Swarming of Bees	1970	
112	Min Ag & Fish	Collected Leaflets on Beekeeping		Missing
113	Min Ag Fish NZ	Bee Keeping in N Z	1975	
114	Mobus & Connor	The Varroa Handbook	1988	
	Monk Kidd Sue	The Secret Life of Bees (fiction)	2002	
115	More Daphne	Bee Book		Missing
116	More Daphne	Discovering Beekeeping		Missing
117	More Daphne	Ideas for Interesting Gardens	1974	
118	Morris David	Working with a One and a Half Brood Chamber Hive		
119	Morse	Honeybee Pests, Predators and Diseases	1978	
120	Morse	Comb Honey Production	1978	
121	Morse	Complete Guide to Beekeeping	1972	
122	Morse & Hooper	The Illustrated Encyclopedia of Bee Keeping	1985	
123	Norris P E	About Honey	1970	
124	Owisianka	The Legend of the Hive	1988	
125	Pavord	Bees and Bee Keeping	1975	
126	Percival	Floral Biology	1965	
127	Preuss K P - BRA	Postage Stamps Showing Hives & Bees		Missing
128	Prys-Jones & Corbett	Bumblebees		Missing

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	AUTHOR	TITLE	Date	Status
129	Ratcliff J R	Beekeeper's Folly		Missing
130	Rice Norman V	Queensland		
131	Riches H R C	Bee Keeping	1976	1 missing
132	Riches H R C	Honey Marketing	1989	
133	Riches H R C	Medical Aspects of Beekeeping	2000	
134	Root	ABC and XYZ of Bee Culture	1954	
135	Root Co USA	Queen Management		Missing
136	Rounce Jeff	Honey From Source to Sale		Missing
137	Sawyer Rex	Pollen Identification for Bee Keepers	1981	
138	Schofield	Bee Keeping		Missing
139	Schofield	Teach Yourself Beekeeping		Missing
140	Scott Amoret	Murmur of Bees		Missing
141	Scottish BKA	Introduxion to Beekeeping		Missing
142	Sechrist	Honey Getting	1944	
143	Sechrist EW	Amateur Bee Keeping	1976	
144	Showler	The Observation Hive		Out
145	Simmins S 1893	A Modern Bee Farm		
146	Simms Donald	Miller Method of Queen Rearing		
147	Simms Donald	Sixty Years with Bees	1997	
148	Skilling Robert N H	Sixty Years with Smoker & Veil		Missing
149	Smith	Better Queens	1949	
150	Snelgrove	Swarming	1981	
151	Stephens-Potter L A	The Beekeeper's Manual	1984	
152	Storch H	At the Hive Entrance		Missing
153	Stuart F S	Beekeeping Practice		Missing
154	Tabor Steve USA	Breeding Super Bees	1987	
	Tautz Jurgen	The Buzz About Bees	2008	
155	Taylor F A	Make Yourself a Nucleus Hive		Missing
156	Taylor Richard	Best of Bee Talk		Missing
157	Teale Edward Way	The Golden Throng	1946	
	The Best of Bee Culture	Queen Management	1995	
158	Tickner Edwards	The Love of the Honey Bee	1908	
159	Tickner Edwards	The Bee Masters of Warrilow		Missing
160	Tinsley Joseph	Beekeeping Up-to-Date		Missing
161	Tonsley	Preparation of Liquid Honey		Missing
162	Tonsley	Granulated or Crystalized Honey		Missing
163	Tonsley Cecil	Honey for Health	1973	
164	Urquhart Judy	Keeping Honey Bees	1978	
165	Wadey H J	The Bee Craftsman	949/1978	
166	Waine	Background to Bee Keeping		Missing
167	Webster & Caron	Observation Hives		Out
168	Wedmore	A Manual of Bee Keeping	1975	
169	Wedmore	Succcessful Beekeeping	1946	
170	Wedmore	Ventilation of Bee-Hivs		Missing
171	Werhahn	Garden Flowers	1965	
172	White Colin T&TV BKA	Eighty Years of Beekeeping		Missing
173	Winston Mark L	Biology of the Honey Bee		Missing
	Winston Mark L	Nature Wars, People vs Pests	1997	
174	Yates JD & BD	Study Notes	1991	