



CBKA - March 2014



March 2014 Newsletter – Colin Marshall - Ed

Chairman – Mark Stott
Secretary – Joyce Atkinson
Treasurer - Tamar Devane

Extended Newsletter available on line

The strange case of the ‘bandit bumblebees’ - Article from the Economist, 27 April 2013 Bumble bees gathering food in the form of nectar or pollen from flowers are the subject of an article written for the Economist magazine in April 2013.

Interestingly the author mischievously chooses to suggest that the bees are ‘stealing from the flowers, robbing them of their nectar and giving nothing in return’. It completely misses the fact that the flower produces nectar and abundant pollen in the hope of attracting the insects for sexual reproduction: the nature of plants, (being rooted to the spot), does not allow them to move about actively seeking mates! Of course it is journalistic licence and written in fun, but it does outline some serious research done by David Goulson (then at the University of Stirling, now at the University of Sussex), and his colleagues in 2009 & 2011:

‘Nectar robbery’ in which a bumblebee carves a hole in the side of a flower ‘as a bank robber might cut his way into a vault’, was discovered by Charles Darwin.

Honey bee probosces vary according to species and race but all are shorter than bumble bee species (themselves classified as long tongued or short tongued). Naturally this dictates which flowers are available for forage: here the bumble always has a distinct advantage as it reaches parts that other bees can’t (excuse the joke). It also forages with greater speed on more available flowers (such as lavender) whereas the poor honey bee has to take more time, perhaps to push its head further into

the flower to reach the nectar. This is the very reason why the lavender near our apiary always seems to be covered with bumble bee species and not honey bees – the bumbles nick it all so the honey bees eventually give up trying and move on to another crop.

Where the flowers have long corollas making the nectar only immediately accessible to the longest tongued insects (butterflies and moths), the bumble bee (particularly shorter tongued species) will bite through the base giving access. Honey bees, although unable to do this will learn to make full use of holes which have already been cut.

The question about this ‘nectar robbery’ that has intrigued biologists from Darwin onwards is whether the behaviour is innate or learned. Darwin, originated the idea of natural selection, but suspected that this was a learned behaviour rather than

an inherited behaviour. In other words, insects can copy what other insects get up to – but only now has it been proved true. Davis Goulson’s team conducted their study in Switzerland on yellow rattle, a plant parasitic on grass and once abundant in Britain’s meadows. [Kenley Common has a meadow with ample numbers and part of the reason why (with Riddlesdown) it is

classified as an area of special scientific interest (SSSI).]

This plant was chosen because of the structure of the flower: the holes when cut tend to be unambiguously either on the right-hand side or the left-hand side. Preliminary observation suggested that the holes in the rattle flowers in a single meadow were often all made on the same side. The team monitored 13 alpine meadows during two summers, painstakingly recorded the sites of holes in the yellow-rattle flowers, and studied the behaviour of 168 bumblebees. They tried to follow an individual (marked) bee until it had visited 20 flowers and then prevented it from making further flights – how they did this stretches the imagination! [Continued on next page]

Events

28th March - Moths and Butterflies - 7.30 pm - Warlingham Methodist Church Hall CR6 9LE

29th March - 11am-3pm Epsom Beekeepers spectacular - At: Upper Mill, Kingston Road, Ewell, Surrey, KT17 2AF

4th - 6th April - Spring Convention Harper Adams, Newport, Nr Telford

May 26th Surrey County Show. Guilford

[Continued from previous page]

Dr Goulson reported in 'Behavioural Ecology and Sociobiology', that two short-tongued bumblebee species which live in the area, *Bombus lucorum* and *Bombus wurflenii*, demonstrated handedness when they robbed flowers. Moreover, if one species was behaving in (say) a left-handed manner in a particular meadow, the other was likely to do the same. This suggests that one species can learn from another – a trick previously thought to be confined to vertebrates. 'Handedness' in any given meadow increased as the season progressed, but each summer appeared to start as a blank slate. The handedness that developed in a meadow in 2009 did not predict its handedness in 2011.

The most reasonable explanation, Dr Goulson suggests, is that each year a few queen bumblebees which have learned the trick of nectar robbery in the previous season come out of hibernation and start robbing flowers again. By chance, they make more holes on one side of the flowers than the other, and as the habit is picked up by other, newly hatched bees, a preference for left or right spreads by a process of positive feedback, whilst the queen goes back to her egg laying. The bees have, in other words, created a simple culture?

David Shepherd: Read the Full Article & watch the Video:

<http://www.economist.com/news/science-and-technology/21576627-strange-case-bandit-bumblebees-bad-beehaviour>

Taken from “Nature”

The study, on bumble bee diseases which was conducted in the United Kingdom and followed nearly 750 bees at 26 sites, found that a major source for the bumblebee decline in recent years stemmed from "the spillover of parasites ,pathogens and disease"

Since 2006, honey bee populations have been falling rapidly around the world fuelled by a phenomenon known as colony collapse disorder. The cause of the condition remains unclear; however, scientists believe a likely cause is the *Varroa destructor* mite that spreads viruses while feeding on haemolymph, or bee's blood.

"Honeybees and bumblebees have very similar levels of those pathogens at the same site, so that means there is some connection between honeybees and bumblebees at those sites that is highly indicative of a spillover," Dr Fuerst explained.

According to Dr Fuerst, the same pathogen responsible for killing off honeybees when found on a bumblebees resulted in a 25 to 33 percent reduction of their typical 21-day life span.

Of the honeybees tested at the study's 26 sites, 88 percent were found to be infected with the pathogens, according to researchers, who warned however that the numbers could actually be significantly higher.

Much like honeybees, bumblebees play a vital role in pollinating flowers and food around the world, particularly tomatoes. According to experts: "Wild bees and other insects such as Hover flies are contributing a substantial and significant fraction of the pollination services that we require. Honeybees are absolutely important, but so are wild bees."

Things to do in March : from the editor

Well the beginning of the beekeeping season is approaching fast but beware, with the mild weather we have been having, the bees may be tempted to eat all available stores in an attempt to raise brood. Be prepared to supplement the stores with a little fondant. Roll out enough fondant to cover about 1/3 of the surface area above the bees and cover with greaseproof paper to prevent it drying out. Above all make sure that they do not run out of food.

Module Study group for those interested in learning about the products of the Hive. First Wednesday of the month 7.30pm in the •Foxley Hatch Russell Hill Purley.

Local Agent for E.H. THORNE (Beehives) Limited

RICHARD PALMER Tel: 0208 679 0401

Email: palmersbees@hotmail.co.uk

New NDB Short Course dates

The following dates have been confirmed and are now open for bookings:

Month	March	April	April	June
Date	15, 16	6, 7	6, 7	6, 7
Course Title	Behaviour Lead	Microscopy	Seasonal Management	Seasonal Management
Tutor	Dan Basterfield	Ken Basterfield	Ivor Davis	Ivor Davis
Venue	Kent	Harper Adams	Harper Adams	Kent

BKA Spring Convention venue

The 'Harper Adams' course dates listed above are taking place on the Sunday and Monday of the BBKA Spring Convention weekend. We are running these as a pilot to gauge the demand for Short Courses at Harper Adams, since many of our current and potential students will already be planning to attend the Convention. Course places should be booked through the NDB website, using the 'Harper Adams' form, and on-site accommodation for the Saturday and Sunday nights can be booked through the BBKA website if required.

It is also worth mentioning that there are still some places available on the following courses:

Month	February	February
Date	8, 9	15, 16
Course Title	Adult Bee Diseases	Anatomy & Dissection
Lead Tutor	Dan Basterfield	Dan Basterfield Devon
Venue	Devon	

For more information and to apply, please [visit the NDB website](#).

We are working to confirm dates & locations for further courses in Spring & Summer 2014 - notably *Brood Diseases* and *Queen Raising* - and we will email you about these as soon as arrangements have been confirmed.

The National Diploma in Beekeeping Board.

Honey shows

For those of you who want a chance to show off your skills as a beekeeper. Why not try entering one of the local honey shows. There are lots of different classes to have a go at, and its great fun preparing and entering these shows. As a bonus if you win you can then advertise your success when promoting your 'award winning honey'. For any new members who don't have any honey yet why not try the cake or biscuit classes.

Show dates

Surrey County Show. Guilford 26th May Part of the a county agricultural show.
(entries close 25th April although late entries accepted up till 12 May)

If you enter 5 classes then you get free entrance to the show ground.

South of England Ardingley Show 5-7 June Part of a large agricultural show
(entries close 13th April although late entries accepted up till 11 May)

Entries also gain free or discounted access to the show.

Croydon Honey Show (date - Joyce will confirm this in a the next day or two)

I hope you will all enter the Croydon Show. This all very friendly and informal event so anyone can have a go!

National Honey Show 30th October- 1st November

Held in Weybridge, Surrey this is the premier honey show in the UK. But don't be put off their are a number of classes reserved for Surrey Members (last year Croydon Members had a number of wins!).

Note: Many of the classes are the same at each show. So if you prepare an entry for one show then you can then put it in the others as well!

EPSOM BEEKEEPERS

ONE DAY SPECTACULAR

Members only discount on **everything** in our shop
extended to **ALL Surrey BKA members**

SATURDAY 29th March 2014 11am – 3pm

At: Upper Mill, Kingston Road, Ewell, Surrey, KT17 2AF

We have a fantastic opportunity we wanted to share with all members of Surrey BKA.

If we can confirm a significant volume order we can obtain Maqs strips at a significant discount and are able to offer:

Maqs strip at £5.40 per treatment

If you would like to take advantage of this opportunity please email by Friday 28th February sales@epsombeekeepers.co.uk to reserve your order.

We will confirm the promotion is going ahead by 14th March.

Items will be available for collection on Saturday 29th March 2014 between 11am – 3pm.
We will also be offering our normal 10% Epsom members discount to

ALL SURREY Members on ALL SHOP STOCK for one day only

This includes hive parts (national and commercial), frames, wax foundation
Treat yourself to a whole hive – the Epsom Second at £156.60

www.epsombeekeepers.co.uk Registered charity number 1026386

More information and a complete price list:
sales@epsombeekeepers.co.uk

HONEY

(Organised in conjunction with the Surrey Beekeepers' Association)

Judge: Mrs Mary Hill, Kent

A contribution to the prize money in these classes has been kindly donated by **SURREY BEEKEEPERS' ASSOCIATION**

Notes to Cheques made payable to Surrey Beekeepers Association Mrs Hazel Sharpe, Hon Ernie Secretary, 4 Little Green Lane, Farnham, Surrey GU9 8TE

All classes are open to all and any beekeeper may enter.

The Colman Cup awarded for oat comb
Compton Cup awarded to the Surrey member gaining the most points.
Vicent Challenge Cup awarded to the Division gaining the most points from its members.

Kean Reed Memorial Cup awarded to the Surrey Member winning the single piece of beeswax class

(15-17oz/425-482 g)

Golden Memorial Trophy awarded to the Surrey Member winning the Novice class.

M H S. Blue Ribbon awarded to the single best exhibit.
(Presentation of cups and prizes at 5.00pm)

FREE ADMISSION TO THE SHOW offered by Surrey

Beekeepers' Association. For every 5 entries per exhibitor a free admission ticket will be allocated. In addition there will be a draw ticket (Prize £5.00) for each exhibit staged.

Entry Fee 50p per exhibit except gft. classes and novice class, which are free. Prizes awarded as follows: 1st £2nd 5.3rd 4.4th 3.1st 2c 1.

Phons: £500, £300, £200, £100

Class

294 TWO JAS HONER, light or medium - Dr Peter Dawson has kindly donated the prize money towards this class

295 TWO JAS HONER, dark - Dr Peter Dawson has kindly donated the prize money towards this class

296 TWO JAS HONER, crystallised or not set
297 HONEY CAKE
Pre heated oven to 140 deg C, 275F or Gas Mark 1, grease a 7 inch sheet.

Made as follows - Recipe 8oz/226g self-raising flour, 8oz/226g clear honey, 4oz/113g butter, 4oz/113g suet, 4oz/113g currants, 2oz/56g mixed peel, 2 eggs, 3tbsp milk, pinch of nutmeg and a pinch of salt. Cream the butter and honey together, beat the eggs and add alternately with the sifted flour and salt. Add the nutmeg, suet, currants, mixed peel and milk and mix well. Pour into prepared tin and bake for approximately 15 to 2 hours -

298 HONEY BISCUITS
Made as follows - Recipe 8oz/227 g plain flour, 3oz/85 g caster sugar, 5oz/142 g butter or margarine, 1 x 15 ml cube/pack of honey Cream butter and sugar stir in honey and flour and out out with care. Bake in a moderate oven for about 10 minutes. Ten biscuits to be displayed on a plate

299 ONE PIECE OF BEESWAX, weighting 15 to 17oz/425-482 g and at least 1 inch/2.54 cm thick - Kean Reed Memorial Cup
300 BEESWAX CANDLES, matching pair, to be displayed on one to be the judge

301 THREE PIECES OF BEESWAX, not less than 1oz/28 g each
302 ONE JAR HONER (gft), light, medium or dark
303 ONE JAR HONER (gft), crystallised or soft set - Mrs Heather Hawker has kindly donated the prize money in this class

- 304 QLT COMB, two similar half-pound containers, each weighting at least 6oz/170 g - Colman Cup
- 305 ONE COMB OF HONEY, any size, suitable for extraction
- 306 ONE BOTTLE OF HONEY, any size, suitable for extraction
- 307 ONE BOTTLE OF HONEY, any size, suitable for extraction
- 308 COMPOSITE CLASS, a display of any 4 of (a) 2 jars light, medium or dark honey, (b) 2 jars chunk honey, (c) 2 jars crystallised or soft set honey, (d) 2 jars of heather or heather blend, (e) 2 containers of comb, (f) 1 comb for extraction, (g) beeswax cake not less than 7 oz/198 g and not more than 9 oz/255 g, staged for effect; maximum space 2 feet/60 cms square. Certificate to the winner.
- 309 HONEY AND BEESWAX PRODUCTS, a display of home made products containing honey and/or beeswax; maximum space 2 feet/60 cms square. See rule 2.
- 310 INTERESTING OR INSTRUCTIVE EXHIBIT, directly related to bees or beekeeping but not including the bees, to be displayed within a medium table space of 2 1/2 feet/75 cms deep by 3 feet/90 cms wide.
- 311 SALE DISPLAY, 6 jars of honey matching in all respects, labelled to comply with current legislation for retail sale. (Rule 4 does not apply in this class)
- 312* NOVICE CLASS ONE JAR OF ANY HONER, only open to those who have not previously won a first prize in a honey in the jar class - Golden Memorial Trophy
- 313* BENCHWORTHY CLASS, one jar of any honey
- 314 BLACK & WHITE OR COLOURED PRINT, any size, mounted or not, to have been taken by the exhibitor.

*The judge is invited to comment upon the exhibits in these classes to assist the novice and more experienced exhibitor.

EXHIBITORS' TICKETS AT REDUCED RATES

Special reductions are made for exhibitors entering classes in this schedule

FOR EVERY 5 ENTRIES EXHIBITORS WILL RECEIVE ONE FREETICKET

Adults (£12.50 each) (£17.00 on day)
Senior Citizens (£9.50 each) (£13.00 on day)
Children (5-16yrs) (£5.00 each) (£6.00 on day)

CAR PARK FREE

Exhibitors will be supplied with a YELLOW delivery label. This must be attached to the windscreen of the vehicle making a delivery on Show Day, which must get the ground by 9am. Passengers must either have admission tickets or pay on entrance. Exhibits arriving after 9am must be carried onto the showground. THE DRIVER OF THE VEHICLE NEED NOT HOLD AN ADMISSION TICKET, BUT WILL NEED TO PAY A £50 CASH DEPOSIT AT THE YELLOW ENTRANCE, FOR WHICH THEY WILL BE GIVEN A RECEIPT. THIS AMOUNT WILL BE RETURNED ON LEAVING THE GROUND AT THE LONDON ROAD EXIT ONLY BEFORE 9.00AM. IF THE DRIVER LEAVES AFTER 9.00AM, THE DEPOSIT WILL BE FORGOTTEN. EXHIBITORS ARE ASKED TO MAKE A NOTE OF THIS REGULATION. PLEASE PARK IN THE MAIN VISITOR CAR PARK (TURN LEFT WHEN YOU EXIT THE SHOWGROUND).

DIAMOND JUBILEE SURREY COUNTY SHOW, GUILDFORD - 26th May 2014

ENTRIES FORM FOR HONEY CLASSES

ENTRIES CLOSE: 25th April 2014*

CLASS	ENTRY FEE
For Offer Use	
RECEIVED	
ENTERED	
EXHIBITOR'S NUMBER	
TICKETS ETC ISSUED	

CLASS	ENTRY FEE	TOTAL ENTRY FEES
ADULTS	@ £12.50 EACH	
SENIOR CITIZENS	@ £9.50 EACH	
CHILDREN (5-16yrs)	@ £5.00 EACH	
CAR PARK - FREE	TOTAL ENCLOSED £	

I hereby enter the above for Competition, subject to the Rules printed in the Schedule.

NAME..... Mr/Ms/Miss
 F10/C/L/ET/B5/F/BAVE)
 Address.....

 Tel No.....
 Email.....
 Surrey B.K.A. Division.....

Notes to Cheques made payable to Surrey Beekeepers Assoc. Mrs Hazel Sharpe, Hon Ernie Secretary, 4 Little Green Lane, Farnham, Surrey GU9 8TE
 *Late entries will be accepted until May 12th, but will not appear in the Show Catalogue)
 A receipt will not be sent in respect of entry fees, but exhibitors will receive entry numbers prior to the Show

SOME OF THE ATTRACTIONS FOR THE 2014 SHOW

- **KINGS TROOP MUSICAL DRIVE**
- **THE PRINCE OF WALES BAND**
- **'BACK TO GRASS ROOTS' FARM MACHINERY DISPLAY** from World War I to the present day
- **THE CASABLANCA STEPS**
- **MULLENSCOTE GUN DOGS**
- **ARMY EXHIBITION**
- **CATTLE, SHEEP, DAIRY & PYGMY GOATS & PIGS**
- **PARADE OF PRIZEWINNING CATTLE**
- **GRAND PRIX SHOW JUMPING**
- **HORSE SHOWING CLASSES**
- **OSBORNE REFRIGERATORS DOUBLE HARNESS SQUIRY**
- **DONKEYS – IN-HAND, DRIVEN & RIDDEN CLASSES**
- **NRU EXHIBITION & ROADSHOW**
- **VISIT SURREY**
- **W I DISPLAY**
- **FARMERS' MARKET & LOCAL PRODUCE**
- **SURREY FOOD FESTIVAL & FOOD THEATRE**
- **HUXLEY'S EXPERIENCE FALCONRY DISPLAY**
- **FLO RISTRY COMPETITION**
- **ACRES OF SHOPS & TRADE EXHIBITS**
- **ECO & WOODLAND AREAS**
- **TRACTOR & TRALEL DRIVING COMPETITION**
- **BEE KEEPING & HONEY**
- **COMPANION DOG SHOW**
- **POULTRY & EGGS, CAGE BIRDS EXHIBITION**
- **YOUNG FARMER'S CLUB DISPLAY**
- **VINTAGE FARM MACHINERY**
- **MERIST WOOD SPECIAL DISPLAY**
- **FIRE STATION**
- **HOT AIR BALLOON CHALLENGE**
- **CLASSIC CARS**
- **THE SHEEP SHOW (SHEARING)**
- **VINTAGE FUN FAIR**
- **ANGORA GOAT EXHIBITION**
- **ACRES OF SHOPPING & RURAL CRAFTS**

HONEY REGULATIONS

1. Labels Exhibitors must label every jar, section or other exhibit with labels, which will be supplied by the Society. Labels must be affixed on jars to leave about half-inch (12 mm) between the label and the bottom of the jar. On one comb and comb for extraction, at right top corner of the showcase and duplicate on the frame of comb for extraction. Except where otherwise specified, no exhibitor's card, trademark, label, name or writing may be placed on or attached to any part of an exhibit. All honey and bee products must be the bona fide product of the Exhibitor's own bees.
2. Cut combs must be displayed in a container that is clear on top side. Frame must be shown in protected cases without hiding or edging - the comb must be visible on both sides.
3. Extracted Honey, except Classes 308, 309 and 311, must be exhibited in clear 1 lb/454 g jars. Where the class is for two jars they must be identical. The caps may be metal or plastic.
4. Wax may be exhibited polished or unpolished at the discretion of the Exhibitor.
5. Honey Colour: British Standard Institution Grading Classes will be used.
6. Mead must be exhibited in clear unlined glass pured bottles of approximately 26 fluid oz/75 cl capacity with rounded shoulders. Only cork stoppers with smooth white plastic bungs to be used. No Alcohol may be added.
7. Awards: Exhibitors may make more than one entry in a class but no single exhibit may be shown in more than one class and an Exhibitor shall not be entitled to more than one award in any one class. Joint owners are not allowed to make separate entries.
8. Caution: An exhibit or any part thereof is not to be removed until the close of the Show. No exhibit may be tested or in any way interfered with by an Exhibitor or any person during the Show without the authority of the Show Committee.
9. The Committee will take ordinary care of exhibits but will not be responsible in any circumstances for loss or damage sustained by Exhibitors in any way whatsoever.
10. If any article sent for exhibition is found to be adulterated, the penalty shall be disqualification.
11. Disqualification: The Show Committee reserve the right to refuse any entry or exhibit without reason being given.
12. Objections: Any protest by an Exhibitor must be in writing by 3pm on the day of the Show.
13. Powers of Committee: The Committee is empowered to:
 - a) increase the number and value of prizes in any class should the number and high standard of merit warrant that doing so
 - b) withhold prizes in case of insufficient merits or entries.
 - c) Submit for analysis any exhibit
 - d) Sell or otherwise dispose of any honey damaged in transit (or reduced in value by any other means), or return the same to the Exhibitor;
 - e) Retain all or part of any exhibit concerning which a protest has been made until a decision upon such protest has been taken.
 - f) Decide any questions as to the interpretation of the foregoing rules and regulations.
14. The decisions of the Show Committee on any matter whatsoever under or in relation to the foregoing rules and regulations, or in protest or objection in relation thereto or to any exhibit shall be final.
15. All Gift Exhibits become the property of the Show Committee, and will be sold for the benefit of the Show Funds.

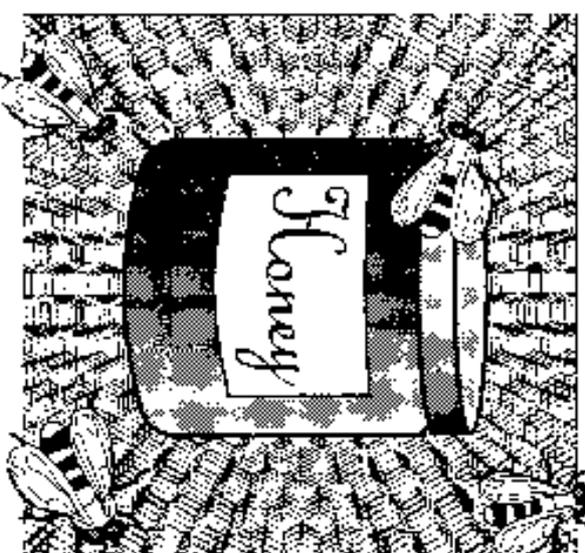
**ENTRIES FOR THESE CLASSES CLOSE 25th April
TO BE STAGED BY 9am ON DAY OF SHOW
AND MAY NOT BE REMOVED UNTIL 6pm
OR AT THE DISCRETION OF THE CHIEF STEWARD**

The Surrey County Agricultural Society

President: Paul Waters

Diamond Jubilee
**SURREY COUNTY
SHOW 2014**

HONEY



SCHEDULE OF CLASSES

ENTRIES CLOSE APRIL 25th

(Late entries will be accepted until 12th, but they will not appear in the Show catalogue)

STOKE PARK, GUILDFORD

SPRING BANK HOLIDAY MONDAY MAY 26th

www.surreycountryshow.co.uk

RULES AND REGULATIONS PLEASE READ CAREFULLY

1. Entries must reach the Hon. Entries Secretary Mrs P Sparkes, 4 Chalmsers Close, Chalkwood, Surrey RH6 0DP not later than 1.30pm April, 2014 or as a late entry by 1.15pm May 2014, after which no further entries can be accepted. Cheques & Postal Orders to be made payable to the South of England Agricultural Society. Late entries will not be shown in the catalogue.
2. All exhibits must be delivered (carried or postage paid) to the Bees and Honey Section, South of England Showground, Ardingly, West Sussex RH17 6TL between 9.00am and 4.00pm on Wednesday, 5th June; personal deliveries will be accepted until 7.00pm on Wednesday, 4th June, or on Thursday, not later than 9.00am. Exhibitors cannot be admitted on Thursday without an entrance ticket. Payment for return carriage or postage and all charges must be made when sending exhibits. No return carriage will be paid by the Society.
3. *Numbered Exhibitors' labels will not be sent out before 4th May and must be affixed to exhibits as follows: on Jars and Mead Bottles, half inch from bottom; on Frames, one in top right-hand corner of the vertical face of the container and one on the frame within an cut comb, one on the right-hand corner of the lid and one on the body of the container on Beeswax, one on the exhibit and one on the bag which will be provided; on Cakes, one on top of the cake, secured by a special pin which will be provided; on Displays, so as to be completely visible.
4. No exhibit may be entered in more than one class. Exhibitors may make more than one entry in a class but will not be awarded more than one prize in a class.
5. A Novice is any beekeeper who has never won a first prize at the South of England Show.
6. Frames must be shown in bee-proof protected cases without lacing or edging; the comb to be visible on both sides.
7. Extracted honey must be shown in B.S.I. pattern glass 1lb. squat jars of one type and secured against leakage with standard metal or plastic caps.
8. Cur Comb must be shown in standard commercial containers.
9. Beeswax and honey cakes must be shown only in polythene bags which will be provided.
10. *Mead must be shown in clear, unrimmed glass punted wine bottles of 70cl capacity; shallow punts will be accepted. Plastic flanged cork stoppers must be used; flush corks must not be used.
11. Every possible care will be taken of exhibits, but the Society will not be responsible for any loss or damage that may occur in any way whatsoever, or for exhibits not collected at the close of the Show.
12. All honey exhibits to be products of the Exhibitor's bees.
13. The Judges have the power of withholding the prize from any exhibit through insufficient merit of entries.
14. Candies must be displayed erect in or on a suitable holder, so that one can be lit by the Judge. (Beeswax may be purchased for candies).
15. Exhibitors wishing to buy their gifts may do so at selling prices prevailing at the time of the Show and must indicate their intention on the entry form. Gifts reserved in this way must be paid for and collected before the end of the Show.
16. No exhibit or any part thereof shall be removed before 4.30pm on the last day of the Show and shall be checked against the entry form and removed by a Steward.
17. Any Exhibitor making a total entry to the fee of £2.50 will receive a one day ticket for any one day of the Show and Exhibitors to the fee of £1.50 may purchase a one day ticket for £1.00. Any entry in Classes 17-20 (Cf) will count as a £1. entry and in Classes 21, 22, 23 (Cf) as a 50p entry.

* Note: Prize money will be sent by cheques after the Show.

SCHEDULE OF CLASSES & PRIZE LIST

THE COMMITTEE IS VERY GRATEFUL TO THE FOLLOWING SPONSORS FOR THE PRIZES IN THESE CLASSES.

CLASSES:

1.....	Mr. G. Chatfield	13 and 14	Mr. A. Adams
2 to 4	Sussex BKA	15	West Sussex BKA
5.....	Mrs A. Gill	16 and 17	Mr. & Mrs. Abrahams
6 to 8	Mr S. Kell	18 and 19	Mr D. Staples
9.....	Mr D. Staples	20 to 22	E. H. Thorne
10	Mrs R. Champion	23	West Sussex BKA
11	Mr. G. Chatfield	24	Mr P. Courtney-Jones
12	Paynes Soufthdown Bee Farms		

CLASS: "BOUNTY FROM THE HIVE"

1. Divisions, Groups or Individual entrants (free entry). Any combination of six individual items of produce from the exhibitor's bees, using material provided by the exhibitor's bees within the individual items ie wax, beeswax candles, cakes, lozges, etc.
- Note: Honey to be labelled as for sale. Cakes, lozges, sweetmeats to have recipes on display with the item.

PRIZES

1st	2nd	3rd
£10.00	£5.00	£2.00

GENERAL CLASSES

2. Two 1lb Jars of Light Honey £5.00 £3.00 £1.50
3. Two 1lb Jars of Medium Honey £5.00 £3.00 £1.50
4. Two 1lb Jars of Dark Honey (Not Heather) £5.00 £3.00 £1.50
5. Two 1lb Jars of Granulated Honey (Not Soft Set) £5.00 £3.00 £1.50
6. Two 1lb Jars of Soft Set Honey £5.00 £3.00 £1.50
7. Four 1lb Jars of one type (Light, Medium, Dark or Crystallised). Labelled as Offered for Sale (Rule 7 does not apply) £5.00 £3.00 £1.50
8. Two containers of Cut Comb (free from Heather), minimum weight 8oz. £5.00 £3.00 £1.50
9. One Frame of Comb Honey for extracting, any size £5.00 £3.00 £1.50
10. A photograph. Subject related to beekeeping to be mounted on a card not more than 10"x8" (250x200mm). Label affixed to front of card. £5.00 £3.00 £1.50
11. One Cake of Beeswax, not less than 3/4" thick, weight between 8 and 9oz £5.00 £3.00 £1.50
12. Novice: One 1lb Jar, any liquid, Granulated or Soft Set Honey £5.00 £3.00 £1.50
13. *Mead and/or Methaglin Dry. (See Rules 3 and 10) £5.00 £3.00 £1.50
14. *Mead and/or Methaglin Sweet. (See Rules 3 and 10) £5.00 £3.00 £1.50
15. Honey Fruit Cakes (made to recipe below) £5.00 £3.00 £1.50

RECIPE:

500g Honey, 2 eggs, 150g SR Flour, 60g Demerara sugar, 200g butter or margarine, 200g mixed fruit, 1 tablespoon milk.

Method: Put honey, sugar and milk together in a warm place and leave until honey is dissolved. Beat in remainder of ingredients. Bake in cool oven for about 1 1/4 hrs at 300°F. Gas Mark 2 (this time and temperature is only a guide). Size of tin to be used should not exceed 7 1/2" diameter.

HONEY ENTRY FORM



Honey sales are essential to the success of the show

If you wish to send some for sale,
please state the approximate quantity.

1 lb	
1/2 lb	
Sections	
Cut Comb	
Wax - 1 oz. Blocks - Must Be Labelled 2 oz. Blocks - Must Be Labelled	
Other	
Items	
Crystallised and soft set honey must be set firm	
HONEY WILL BE SOLD AT CURRENT PRICE AND 15% DEDUCTED	

I wish to purchase my Gift Entry/Entries

I wish my Cake to be sold and the
proceeds put towards Show Expenses

I require a One Day Ticket to the Show

Entry Forms must be posted to the Entries Secretary,
Mrs P Sparkes, 4 Chalmers Close, Charlwood, Surrey
RH6 0DP, and arrive not later than LAST POST,
13th APRIL, 2014, OR LATE ENTRIES by 11th May,
2014 after which no further entries can be accepted.
Cheques and Postal Orders to be made payable
to the South of England Agricultural Society. No
entry can be accepted unless accompanied by
the appropriate entry fee. Late entries will not be
shown in the catalogue.

I intend to collect my entries personally

My entries will be collected by: _____

PRIZES

	1st	2nd	3rd
16. 1 Pair Beeswax Dipped Candles, max. height 300mm (127)	£5.00	£3.00	£1.50
17. 1 Pair Beeswax Candles by another method, max. height 300mm (127)	£5.00	£3.00	£1.50
18. One 1lb Jar of Light Honey	£5.00	£3.00	£1.50
19. One 1lb Jar of Medium or Dark Honey	£5.00	£3.00	£1.50
20. One 1lb Jar of Crystallised Honey	£5.00	£3.00	£1.50
21. One Container of Cut Comb (Free from Heather), minimum weight 8oz	£5.00	£3.00	£1.50
22. Three Pieces of Beeswax, as offered for sale, not less than 1oz each	£5.00	£3.00	£1.50
23. Honey Biscuits (10 Biscuits to be displayed). Made to recipe below.	£5.00	£3.00	£1.50

CLASS

16. 1 Pair Beeswax Dipped Candles, max. height 300mm (127)
 17. 1 Pair Beeswax Candles by another method, max. height 300mm (127)

GENERAL CLASSES GIFT (No Entry Fee)

EXHIBITS TO BE SOLD FOR THE BENEFIT OF THE SHOW FUNDS:

18. One 1lb Jar of Light Honey
 19. One 1lb Jar of Medium or Dark Honey
 20. One 1lb Jar of Crystallised Honey
 21. One Container of Cut Comb (Free from Heather), minimum weight 8oz
 22. Three Pieces of Beeswax, as offered for sale, not less than 1oz each
 23. Honey Biscuits (10 Biscuits to be displayed). Made to recipe below.

RECIPE

2oz margarine (50g), 4oz plain flour (100g), 2oz caster sugar (or soft brown) 50g), pinch of salt, 1 dessert spoon honey (10ml)
 Method: Cream margarine, sugar and honey together. Sieve salt and flour and work into the creamed mixture. Knead until smooth. Roll into ¼ inch (6mm), cut into rounds. Prick with a fork, place on greased baking sheet. Bake for about 10 mins. Allow to cool a little before removing from baking sheet. Store in a air-tight container.

24. Honey Sweetmeats - a plain unmarked container of any type of Honey Sweetmeats ready for sale. Recipe to be displayed.

SPECIAL AWARDS

D. H. WILKINS PERPETUAL CHALLENGE CUP for the winner of Class 1

SOUTH OF ENGLAND HONEY PERPETUAL CHALLENGE CUP for most points in Honey classes
 1st - 4 points; 2nd - 3 points; 3rd - 2 points; 4th 1 point.

BBKA CERTIFICATE OF MERIT AWARDED FOR THE BEST EXHIBIT IN THE HONEY CLASSES.

Next year's Show dates are 11th, 12th & 13th June 2015

DAILY DEMONSTRATIONS WITH LIVE BEES

(weather permitting)

OBSERVATION HIVES

INTERESTING DISPLAYS

Experienced Beekeepers will be in attendance to give advice to those wishing to start an apary and to discuss problems with other Beekeepers.



SOUTH OF
ENGLAND
SHOW

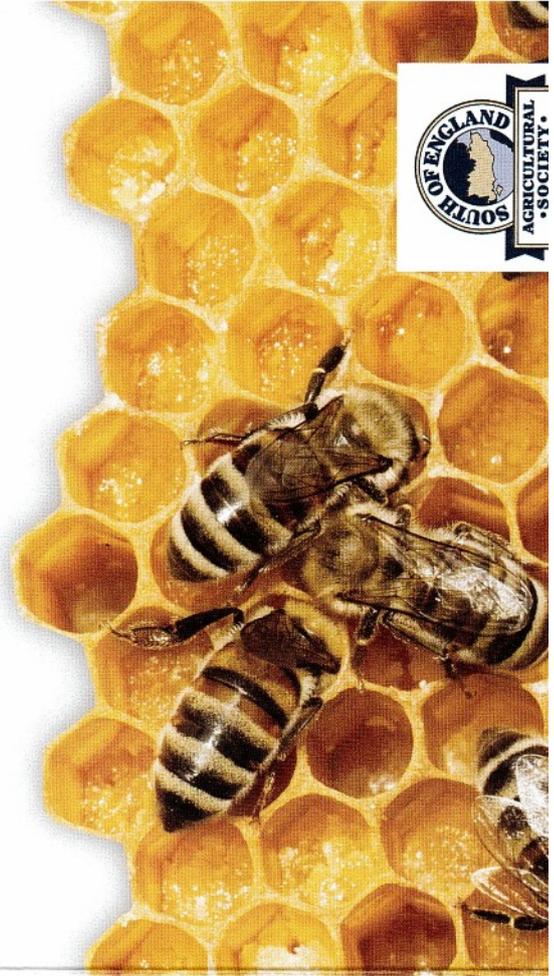
5-7 JUNE 2014

Open to the United Kingdom

SCHEDULE OF CLASSES & PRIZE LIST

South of England Agricultural Society
 Patron: **HM The Queen**
 President: **Lord Egremont DL**

Committee Chairman: **Mr. D. Staples**
 Vice-Chairman: **Mrs N. Champton**
 Hon. Treasurer: **Mr A. Adams**
 Hon. Entries Secretary: **Mrs P. Sparkes**
 4 Chalmers Close, Chalwood, Surrey RH4 0DP
 Tel: 01293 862063
 Judge: **DAVID SANDWELL**
 Registered judge of the British Beekeepers Association



**MERIDIAN BEEKEEPERS ASSOCIATION
INVITE YOU TO AN**

OPEN LECTURE

@

The Roman Catholic Church Hall

Our Lady Queen of Apostles, Martin Street, Bishops Waltham, SO32 1DN

On Monday 7th April 2014 @7.15 for 7.30pm

SPEAKER Dr JAY EVANS

Jay Evans grew up in Seattle, Washington, USA, as an avid naturalist and went on to Princeton University and the University of Utah for AB. and PhD degrees, respectively, in Biology.

After connecting with bees during a brief project on queen production at the University of Arizona, he signed on as a Research Scientist with the USDA-ARS Bee Research Laboratory in Beltsville, Maryland, where he has been for 15 years. His projects use genetic analyses for bees and their major pests in order to improve bee breeding and management against disease.

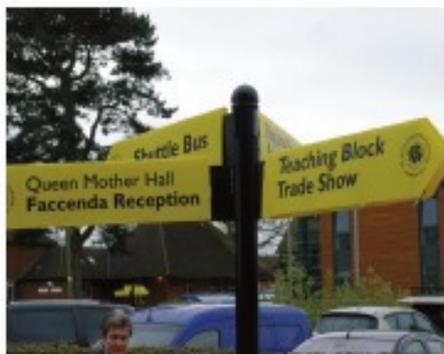
Jay was an early proponent of the Honey Bee Genome Project and helped recruit and organize scientists interested in applied genomics for bees. He has improved and applied genetic tests for biotic and chemical causes of bee declines and is now heading a consortium to sequence the genome of the Varroa mite in order to enable novel control methods for this key pest. He is grateful to the beekeepers and colleagues who have inspired him to seek ways to have more impact with his work. Jay is a Council Member of the International Bee Research Association. He lives just out of reach from Washington, DC with his family, twelve sheep, two goats and two bee hives (down from four).

His talk will be on Beenomics: tools for understanding and improving bee health

This should be a fascinating and most informative talk

**Please let Nina Jetten know if you are going to attend on 02390 767956 or
email: nina.jetten@btinternet.com**

On Completion finger buffet with a Glass of wine Cost £5/ head



On-line Bookings Now Open

Book your Workshops & Courses plus Accommodation and Meals on-line now...

- Go to www.bbka.org.uk and click on the Spring Convention logo, to take you to the Spring Convention Welcome Page, where you can see what's on offer and down-load the programme.
- Click on **BBKA On-line Shop** to purchase entry tickets (wrist-bands). You must wear a wrist-band at all times.
- Return to the Welcome Page and click on the **Book Events and Services** link to book your Workshops and Courses, Accommodation and Meals

Tickets are selling fast so please act quickly to avoid any disappointment

Any Queries? Please get in touch via the web-site.



Spring 2014 Convention

N.B. The so called BeeTradex Show has no connection with the official Spring Convention Trade Show, where all major suppliers will be present.

4th – 6th April 2014 Harper Adams, Newport, Nr Telford

On-line Bookings Now Open

Book your Workshops & Courses plus Accommodation
and Meals on-line now...

Go to www.bbka.org.uk and click on the Spring Convention logo, to take you to the Spring Convention Welcome Page, where you can see what's on offer and download the programme.

Click on [BBKA On-line Shop](#)
to purchase entry tickets (wrist-bands).

Wrist-bands must be worn at all times.

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Any Queries? Please get in [touch](#).

N.B. The BeeTradex Show has no connection with the official Spring Convention Trade Show, where all major suppliers will be present.

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Our mailing address is: National Beekeeping Centre, Stoneleigh Park, Kenilworth, Warks, CV8 2LG

Wisborough Green Division - West Sussex BKA

Beekeeping Course

Suitable for Beginners, Improvers, and Non - Beekeepers

At:- Village Hall, Lower Street, Pulborough, West Sussex. RH20 2BF.

Sat 8th March 2014. Assemble from 9.00 for 9.30-5.00 p.m.

The course is suitable for those who wish to discover what is involved in keeping bees, but will also be suitable for those who have kept bees for some time. It will largely follow the syllabus of the BBKA Basic assessment, but with variations. This course is based on nearly 50 years experience, not just repeating what is in books.

Subjects covered will include:-

How to learn about bees	Obtaining bees and equipment
Different kinds of bees	Where to site hives
How bees live naturally and how we can manage them	Protective clothing
What bees collect - nectar, pollen, propolis, water	Colony Management
How bees store the crop	Handling bees carefully
What happens in a beehive and where	Swarming and dealing with it
The 3 castes - queen, drones, workers	Dealing with the crop
How to start	Making colony increase
Choosing the type of hive and why	Feeding
Essential equipment	The colony in winter

Course fee £40. Second and subsequent attendees booked together £35*. Under 16 with a paying adult £15*. Price is per head to include lunch, refreshments, and our own booklet "Basic Beekeeping". Please note: Those marked * will not receive "Basic Beekeeping". Additional copies available on the day at £5. For existing, paid-up WGBKA members the fee is reduced to £30.

Enquiries:- Roger Patterson. roger-patterson@btconnect.com 01403 790 637 or 07976 306 492

Booking:- Gordon Allan, Stone House, High Street, Petworth, West Sussex, GU28 0AU. 01798 343470, petworthgordon@btopenworld.com preferably using the form on the website.

Cheques payable to:- WSBKA Wisborough Green Div.

Web Site Visit us on www.wgbka.org.uk

Prepare yourself for the coming season – **now**

Pulborough Village Hall is off Lower Street. Turn down next to the Oddfellows Arms, right to the bottom and turn right into the car park. If this is full then use the main car park immediately before it. We understand the main car park will be free for hall users.