

THE ESSEX BEEKEEPER



**Its show time at Barleylands!
Photo Tony Andrews**

Monthly Magazine of the E.B.K.A

No.575

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Essex Beekeeper's Association

The Essex Beekeepers' Association is a registered charity whose object is to further the craft of beekeeping in Essex.

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Please ensure that all material for publication is received by the Editor before the 10th of the preceding month to publication.

November 2012 and December 2012

- 1 Nov. *Thursday 7.30pm* **Harlow** at Kings Church Red Willow. General Discussions on Issues Affecting Members Colonies – David Tyler. Finalising Divisional Program 2013 – Keith Naunton.
- 2 Nov. *Friday 8.00pm* **Romford** Chadwick Hall, Main Road, Gidea Park RM2 5EL. 'Make do and mend' ...successes and failures with making your own. Forum led by Jim McNeill
- 10 Nov. *Saturday 9.00am-4.30pm* **EBKA Annual Conference** at Stewards Academy, Par-nall Road, (Main Entrance and Parking via Pinceybrook Road) Harlow Essex CM18 7NQ. See notice on page 4 of magazine for details.
- 15 Nov. *Thursday 7.00pm* **Colchester** Annual Dinner at The Cherry Tree Inn, Tendring. (contact Penny Barker on penny.barker2@tesco.net for details).
- 15 Nov. *Thursday 8.00pm* **Epping Forest** at Chingford Horticultural Hall Larkshall Rd, London E4 6NH. A talk by Dr. Tony Madgwick.
- 23 Nov. *Friday 8.00pm* **Braintree** Constitutional Club CM7 1TY. Eileen Marable to speak on 'Testing for Nosema' (Bring your own bees along) Contact: Pat Rowland 01376 326036.
- 23 Nov. *Friday time—TBA* **Chelmsford** Divisional Supper. This year we be keeping the same popular venue, but will be changing to an even more exciting format - details to follow soon.
- 28 Nov. *Wednesday 7.30pm* **Southend** at Women's Institute Hall, Bellingham Lane, Rayleigh. 'Dealing with problems in the hive' – We will cover some of the problems we encounter as beekeepers and the different ways we can try to overcome them.
- 29 Nov. *Thursday 7.30pm* **Colchester** The Arena, Napier Road, Colchester, (The Arena Leisure Centre, Circular Road East, Colchester, Essex. CO2 7SZ). Top Bar Hives and other bee matters.
- 30 Nov. *Friday 7.30pm* **Saffron Walden** Quiz and Social evening at The Crown Inn, Little Walden, CB10 1 XA.
- 6 Dec. *Thursday 7.30pm* **Harlow** at Kings Church Red Willow. Preparation for AGM & Xmas Party – David Tyler.
- 7 Dec. *Friday 8.00pm* **Romford** Chadwick Hall, Main Road, Gidea Park RM2 5EL. Christmas Social.
- 14 Dec. *Friday 8.00pm* **Braintree** Constitutional Club CM7 1TY. Christmas Social.
- 20 Dec. *Thursday 8.00pm* **Epping Forest** at Chingford Horticultural Hall Larkshall Rd, London E4 6NH.

County Pheromones
Richard Ridler (Chairman)

Our annual county honey show at Barlylands was again a great success. Thirty five thousand people come to the showground on each of the two days many of whom found our marquee. The sun shone, it was very hot and every one had a great time. Thank you to the thirty plus members who came to help out each day and in particular to Zena Wilkins and her team from Harlow division who fed and watered us so well. The number of members entering the show increased to over 50 and it was particularly good to see more entries in the junior classes. Read about the show and admire the pictures elsewhere in this issue. I hope even more of you will enter next year. It's never too soon to start preparing; I will be making mead for the 2013 show this month. I look forward to seeing lots of you at the annual conference.

EBKA 132nd Annual Conference
'Beekeeping in the 21st Century'
Hosted by Harlow Division

Saturday 10th November 2012
9.00am until 16.15pm @ £20 a ticket

There are 3 very interesting Lectures, the Presentation of 2012 – Honey Show Trophies, a variety of Trade Stands & a Raffle

Speakers

John Hendrie, BBKA Master Beekeeper: 'Senses of the Honey Bee'

Terry Clare, President of BIBBA: 'Why Swarms? Is Control Possible'
Mike Brown, Head of The National Bee Unit: 'Workings of the National Bee Unit & BeeBase'

Venue:

Stewards Academy
Parnall Road (Main Entrance and Parking via Pinceybrook Road)
Harlow Essex CM18 7NQ

Forgotten To Book? Ring Pauline on 01279 441941 (answer phone available)

Beekeeping Tips No. 20
Spring and Summer Feeding
By Pollinator

The rather wet months this year have left some colonies short of stores, especially when they were not fed down well in the previous August/September and exacerbated when all early honey has been removed by the beekeeper. One has to remember that full-sized colonies can consume up to 1 kg honey per day and lots of pollen to ensure the queen keeps laying well. A National brood frame with honey on both sides holds around 2.5 kg of honey. A central brood frame full of brood will have an arch of about 0.75 kg above it. Frames on both sides of the centre will have more honey and usually less brood. In any event a super of stores should be left above a National brood box at all times when there is no honey flow. Larger brood boxes will contain more stores and may not need to have a super with stores left above them when there is no honey flow.

In an emergency a colony can be fed down with a thin sugar syrup (2 kg to 2.5 l of water) remembering that this may well get mixed with any later honey and therefore no honey crop for the beekeeper. Feeding of candy/fondant requires the use of water to break it down and this causes further stress to the colony. In addition, the colony may be short of pollen and this may be addressed by feeding pollen or pollen substitute patties (See Beekeeping Tips no. 2). Brood frames from other colonies containing pollen may also be used to boost colonies short of pollen.

Some colonies have used oilseed rape honey this year when supers have been left on the hives to prevent starvation. The downside of this, for the beekeeper, is that any OSR honey remaining is difficult to harvest.

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The 125th Honey Show at Barleylands

Tony Andrews

We do not actually keep bees, well not yet but we thought it was about time to participate in The EBKA Annual Show at Barleylands. The reason we do not have bees will become clear if you read on.

We have always shown an interest in wildlife in general although as far as honey bees are concerned we knew very little. The interest in learning more started back in 2007 when we visited The Chelsea Flower Show. We have not missed Chelsea in the last 35 years and always go on Tuesday, the first members day. Off we went full of enthusiasm to see every inch of the show but that year one particular garden stood out above all others. This was The Gold Award winning garden sponsored by Fortnum and Mason and was truly sensational. The design as a whole was faultless but the central feature would have stopped any bee keeper in their tracks. This comprised of four Thai Temple styled bee hives finished in a pale bluey-green with gold features. These were stunning and completed the overall design of the garden, no wonder it won Gold. My wife kept returning to the garden to be further amazed and I had similar feelings towards the garden especially the bee hives. By the end of the day my wife was sold on the idea that we had to have one or maybe two of the bee hives. The next day I was sent off to find out where they came from and after much googling and general searching I found they were made in North Wales by an artisan craftsman. I got very excited about finding all the intimate details until I got hit by a sledgehammer blow, the price. To purchase two bee hives complete in Oak with all the detailing was around £5,000 plus delivery. I reported the findings back to my wife to hear gasps of anguish and disappointment. Once she had calmed down and went deep into thought how to overcome this hurdle it was firmly suggested that with my background in engineering and design I should build our own.

This I eventually did but not until 2011 when I actually started the task. They are now complete although I am going to make a change to the colour of the roof so it will match the Leaded Roof of the entry hall. Once this is completed we will be seeking bees. The final part of this saga is The Fortnum and Mason bee hives are now on the roof of their shop, at one time they had a bee cam online so you could see these in action.

A few years ago the final decision was made to get involved when we visited Grand Designs at Excel in Docklands. The EBKA had a stand there where we met the very knowledgeable Pat Allen from the Romford Division. We attended Pat's talk on bee keeping and finally got hooked on bees and joined The EBKA.

When we attended the Romford Division meeting at Cranham Marshes recently we were persuaded to enter a One Metre Square Garden, A Vase of Flowers and two Photos into the competition for The 125th Annual Show. This would mean going along on the Friday to construct the garden and on the Sunday to

dismantle it so we thought we would volunteer to help out on the Sunday. Our first impression on arriving on the Friday was how well organised the event was with a marquee much larger than we expected. Everyone was calmly setting up the displays of honey and wax related products and we realised our decision to volunteer was a good one. We constructed our garden, this was not as well planned as we would have hoped because it was all done at the last minute, we will be better prepared for next year. There were three gardens entered in the competition with the winning garden looking very splendid, I am not sure but I think this was entered by Saffron Walden. There were five entries in the Vase of Flowers competition with every entry capable of being the winner, they all had their strengths in design and content.

We returned early on Sunday morning to see the marquee in its completed splendour with the displays looking very much like how Fortnum and Mason would do theirs in store. The competition entry cakes looked "Truly Scrumptious" as did the biscuits. We discovered an added bonus whilst looking around, one of our photos had won First Prize which got the day off with a good start. Sunday went very quickly mainly because everyone was so busy working on a strict rota of activities for the volunteer helpers.

We were excused some of these duties because not having formal training we could not give technical advice but we found plenty of useful things to do. I do a lot of event photography so was sent off to record the event. The interest in the outside bee keeping demonstrations was very encouraging and throughout the day crowds gathered every time these took place. I had great difficulty in taking photographs of the actual demonstration because of the crowds. This interest continued throughout the marquee with the observation hives and all the information tables generating a constant stream of visitors.

The candle rolling table was continually busy and the delighted looks on the face of children of all ages was a joy to watch. As a first timer, I was impressed by the genuine interest shown by everyone who visited especially families with children of all ages. Even the children asked genuine sensible questions and were fascinated by the microscope allowing them to see honey bees close up. I think this is very important because these children will be the next generation of bee keepers.

The winning photo we entered was quite appropriate as this was taken at The City of London Honey Festival by St Paul's Cathedral in July. The subject was 'A young girl being amazed by an observation hive'. She told me after taking the photo how she and her mum were going to keep bees once their new house in Theydon Bois was completed. If this show provided the interest need to bring children into bee keeping then it must be judged to be a total success. I spent most of the afternoon selling the cakes, biscuits and honey donated from the competition along with a lot of helpers, the total by 5.00pm was £137 which we were all very pleased with.

As first timers at Barleylands I have to say how pleased we both were at helping and entering the competitions, we will be back next year without fail and hope to meet some of the fellow helpers again.

EBKA Trophy and Award Winners 2012

Award	For	Winner	Division
Burt Challenge Cup	Containers of cut comb honey	J Frech	Braintree
Cowan Vase	Sections and extractable frame	R Alabone	Chelmsford
Dearman Cup	Twelve Jars of crystallised or soft set honey	P Abbott	Saffron Walden
Ford Trophy	Most points in extracted honey classes	T Gradosielski	Epping Forest
Horton Cake Cup and Knife	Honey fruit cake	S J Vickery	Southend
Mallinson Cup	Cake of beeswax and candles	J McNeill	Romford
Ongar Cup	Frame of extractable honey	M Harris	Southend
President's Cup	Division gaining highest total points (ex Wine)	Saffron Walden	
Holmes Cup	Exhibitor gaining highest total points (ex wine)	J Ridler	Saffron Walden
Tidswell Challenge Bowl	Most points in honey classes	T Gradosielski	Epping Forest
Jersey Cup	Best cake of beeswax	V M Taylor	Braintree
W.B.C. Cup	Biscuits, sandwich and fudge	J M Ridler	Saffron Walden
Devall Medal	Novice gaining highest total points	S Jenkins	Saffron Walden
BBKA Blue Ribbon	Best exhibit in show	V M Taylor	Braintree
Essex Chronicle Cup	Twelve jars of clear honey	M J Barke	Harlow
Chelmsford Wine Circle Marconi Trophy	Best bottle of sweet mead	J McNeill	Romford
Alf Gunn Jubilee Shield	Best bottle of metheglin	M J Barke	Saffron Walden
Walden Wine Shield	Best bottle of melomel	S Runacres	Saffron Walden
G A Taylor Mazer	Best bottle of dry mead	R Alabone	Chelmsford
Archie Horton Award	Most points for candles	P Rowland	Braintree

**ESSEX BEEKEEPERS ASSOCIATION
EXTRAORDINARY GENERAL MEETING**

**Thursday 29th November 2012
7.30pm**

Trinity Methodist Church Halls, Rainsford Road, Chelmsford.

To consider the following motions:

1 Associate Category

The CEC proposes that Associates become known as 'Divisional Associates'. They will not have voting rights and cannot become EBKA Trustees, but the subscriptions they pay and benefits they get should be set by Divisions. The changes to take effect from the end of this meeting.

The following changes to EBKA Rules 3 and 4 are necessary as a result of this proposal:

Rule 3, final paragraph needs amending to the following:

- *Divisional Associates are not members, but the category exists to accommodate those who wish to support and participate in EBKA's activities, without voting rights.*

Rule 4, second paragraph needs amending to the following:

- *Annual subscriptions are to be in accordance with the scale authorised by the Annual General Meeting and published on the current application form, except for Divisional Associates for which category the subscription is set by Divisions at their own AGMs. Subscriptions become due on 1st January.*

2 Length of tenure in posts

The CEC believes that limiting the length of tenure in the Association's main posts is a good thing, but flexibility is needed for the non-Trustee posts if the Association is to be able to maintain a full CEC. The CEC proposes the following, to take effect from the end of this meeting:

- Trustees should be limited to **four** years (CEC Chair, General Secretary, General Treasurer, DVMs)
- County non-Trustee appointees – i.e. those elected by the membership at an EBKA General Meeting – should have a limit of **five** years (President, BBKA Delegate, NHS Delegates, Editor, Examination Secretary, Spray & Diseases Secretary, EBKA Show Secretary)
- Minutes Sec'y, Membership Sec'y, BoC Sec'y, Advertising Sec'y, Distribution Sec'y, should be appointed by the CEC.

This proposal will necessitate changes throughout Rule 7, which therefore would be replaced entirely with the following:

The management of the EBKA shall be vested in the CEC which shall consist of County Officers, Divisional Voting Members, County and CEC Appointees, and Co-opted Members.

Only the County Officers and Divisional Voting Members shall have the power to vote and shall be the 'Charity Trustees' within the meaning of section 97 of the Charities Act 1993. Each has one vote excepting that in the event of an equal vote the Chairman of the CEC has an additional casting vote.

Proxy voting: The Trustees shall be permitted for not more than two CEC meetings per annum to exercise the right to appoint an EBKA member (excluding Divisional Associates and Juniors) as their proxy, with full voting rights. The General Secretary or CEC Chairman must be given the name of the proxy prior to a CEC meeting thus affected.

No Trustee appointed under Rules 7a or 7b shall serve for a period of more than four consecutive years in the same office. No County Appointee appointed under Rule 7c shall serve for a period of more than five consecutive years in the same post. Those standing down under these rules shall be ineligible for a period of one year for election to the office or post they have vacated. Save if the CEC Chairman and the General Secretary are required to stand down at the same time, in which case the Trustees may agree that either the Chairman or the Secretary may serve for one additional year before standing down.

a) County Officers:

Chairman of the CEC; General Secretary; General Treasurer

b) Divisional Voting Members:

The members of each Division shall be entitled to elect at the Annual General Meeting of their Division one Voting Member. The number of Divisional Voting Members shall not exceed the number of Divisions and shall be not less than five. For each Division whose members do not elect a Voting Member at its AGM, the members of EBKA may elect one Voting Member at the AGM of the EBKA.

c) County Appointees:

President; BBKA Delegate; National Honey Show Delegates; Editor; EBKA Show Secretary; Examination Secretary; Spray & Diseases Secretary

d) CEC Appointees:

Minutes Secretary; Membership Secretary; Book of Commemoration Secretary; Advertising Secretary; Distribution Secretary

e) Co-opted Members:

The CEC may co-opt members for special duties or expert advice.

f) Ex-Officio Status:

The CEC Chairman, General Secretary, and General Treasurer are ex-officio members of all committees of the Association including Divisional Committees.

g) Determination of Membership of the Central Executive Committee:

A member of the CEC may cease to hold office if he or she notifies to the CEC a wish to resign but only if the effect of the resignation will not be to make it impossible for the CEC to hold a quorate meeting.

A member of the CEC shall cease to hold office if he or she is absent without the permission of the CEC from all its meetings held within a period of six months and the CEC resolves that his or her office be vacated.

h) Presiding Officer:

Elected annually under Rule 23b the Presiding Officer of the EBKA shall for one year, preside at all County events except the meetings of the CEC. The year of office shall commence at the close of the EBKA Annual General Meeting and cease at the end of the AGM the following year.

i) Insurance:

The Association may take out Public Liability and Personal Accident Insurance to cover its meetings, activities, Officers, and Committee.

The CEC may pay the cost of purchasing and maintaining indemnity insurance in respect of liability for any act or default of the County Officers, Divisional Voting Members or employees of the Association in relation to the association PROVIDED that such insurance shall not extend to indemnification against liability for wilful or criminal wrongdoing or default.

(The EGM will be followed by the November meeting of the CEC.)

Queen marking gone mad! **Jane Ridler**

It was like a 'spot the deliberate mistake' at Saffron Walden's August meeting, held at a member's apiary. The usual type of group, with a significant number of beginners, was inspecting a hive with me – looking for the queen as usual – you just can't help yourself. 'There she is, a 2011– marked white!!' But she wasn't moving in a queenly fashion. She looked like a worker, but what was she marked for? We trapped her in a match box and I took her home to look at under the microscope. It was certainly a worker. When she was dead the whiteness/shinyness on the thorax had disappeared. Under the dissecting microscope I could see shreds of what appeared to be membrane which had presumably stretched across the thorax in life creating the 'marked queen' effect. I took a photo – but it isn't very good! Closer examination of the bee showed the thorax to have a concave and symmetrical depression, not quite centrally – just the right size and shape to fit a varroa mite. To the right hand side the depression covered the base of the right wings, which were shrivelled and very poorly developed. I hadn't noticed this when we transferred her into the matchbox, probably because the left wings were normal – and she wasn't hanging about. Anyway, my diagnosis, although not confident, is that she'd had a varroa mite on her thorax as a larva/pupa which did the damage, but it had subsequently dropped off. What do you think?



BBKA Forum report - a summary **Penny Learmonth (BBKA Delegate)**

1. The Spring Convention Venue. Essex asked for a debate on the change of venue. There are a number of Essex members who feel that the decision to move the venue had been taken without notice and that the Harper Adams Campus in Shropshire was too far away. The topic received a fair and exhaustive airing. The reasons for the move were largely due to the inability to bring the facilities at Stoneleigh up to a proper standard. Harper Adams provided better catering and other facilities. The location is about 50mins further from Chelmsford, and 20mins further from Devon. There was no significant drop in the number people attending the Convention. The committee hope to have sorted out better arrangements around allocation of the lectures. I think we are unlikely to see the Spring Convention back at Stoneleigh in the near future but it is being kept under review.
2. Urban Beekeeping – London Beekeepers reported on the increase in beekeepers in London. They are experiencing the same difficulties with teaching and supporting beginners as other associations have. Many bees have had to be fed this year but it

is unclear whether this due to an overpopulation of bees in London or the weather this season. They are campaigning to encourage people to grow bee forage plants – perhaps rather than keeping bees themselves.

3. Swarm Control: Some areas are still uneasy with the BBKA swarm list but by and large there was an agreement that County named competent beekeepers listed by postcode had proved to be satisfactory. It is allowable to ask for payment of expenses but a commercial charged nullified the BBKA insurance.

4. Communication with BBKA

It was agreed that the BBKA would send information to Divisional Secretaries as well as County. There would be consideration given to emailing members directly though this needed an extensive emailing list to be developed and maintained.

Some of the BBKA executives do use Twitter and it was recognised that direct social networking could become more usual.

It is possible that the Forum will move forward to September and the ADM to March to allow the Forum to feed into the ADM more easily.

5. The Perceived threat of the use of Neonicotinoids to honeybees and the BBKA's approach to the issue introduced by Sussex Beekeepers.

Interestingly chemical regulation is not within the FERA mandate as it has an historical link with human health and safety rather than seen as a risk to the environment. Currently FERA's position on neonicotinoids is that 'evidence of residual build up of Neonicotinoids not irrefutable' so there is no reason to change practice.

However there is concern that residual amounts of these substances are to be found in pollinators and the environment and the sub lethal and cumulative effects are not fully understood.. Neonicotinoids are now in many garden products (eg vine weevil and ant control)and freely available to the public who may not be so aware of the effects of the product.

The Parliamentary Environmental Audit Committee is discussing this topic in November.

We can submit our questions/comments, via the internet or our MPs, to raise the profile for pollinating insects. These should be submitted by the 14th November.

The BBKA's position is that it is 'seeking reassurance that these substances are not harmful to honeybees'.



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How to make an Asian hornet trap. An extract from a National Bee Unit article.

The full article can be read at

<https://secure.fera.defra.gov.uk/beebase/downloadDocument.cfm?id=607>

The Asian Hornet, *Vespa velutina*, is an aggressive predator of honey bees and other beneficial insects. It has recently extended its geographical range from Asia to mainland Europe following an accidental introduction to France, is now also present in Spain and Belgium. Adult hornets are highly mobile; the rate of spread across France is approximately 100 km/year. There is now great concern that this exotic insect will reach the UK, either by hitching a ride on imported goods or simply by flying across the channel. This sheet explains how to make an Asian hornet trap. Hanging this simple device in your apiary will allow you to monitor for pest arrival and, if necessary, help to protect your colonies from attack. These are especially effective if used in the Spring.

The efficiency of hanging traps

A variety of traps are available for catching adult hornets “on the wing”, including Asian hornets. Comparisons of various designs for use against *V. velutina* have shown that funnel traps work best. Although field trials show that these capture considerable numbers of adult hornets (~400 hornets/week/trap), they cannot be expected to reliably eliminate *V. velutina* from an affected apiary. However, they are very useful as a first line of detection, for controlling hornet numbers and limiting damage, so thus have crucial roles in monitoring for arrival and, should Asian hornets arrive in the UK, in reducing impact and spread. Reports from France suggest that in areas where spring trapping has been used, subsequent numbers of Asian hornet nests are reduced by as much as 97% (2 or 3 nests in trapping areas *versus* >70 nests where no traps have been hung).

Trap design

Hornet traps can be purchased over-the-counter, but French beekeepers are frequently resorting to home-made equivalents, like the one shown in the photograph. Most of these share the same basic design: a plastic flask or bottle, containing a food attractant/bait, over which is inverted a funnel; the insects enter the funnel and crawl/drop into a capture chamber from which they are unable to escape. The following design is closely based on that produced and field tested by ADAAQ*

What tools and materials do I need?

- Clear plastic drink bottle with screw cap lid (2 litre) NB. check diameter is as close to 10.5 cm as possible.
- Most will be 10 cm or less;
- PVC “soil and vent access plug” plumbing fitting (standard diameter 10.5 cm), with removable end cap;
- Disc of wire mesh (diam. 10.5 cm; mesh size ~3 mm)
- A small sheet of wood or plastic (approx 20 cm x 20 cm);
- A piece of wire (e.g. an old coat hanger), (approx 60 cm);
- A small plastic cup or bowl to hold bait mixture;

- PVC adhesive;
- A pair of scissors;
- A drill with 2 drill-bits, diams. 5.5 mm and 7 mm;
- A sheet of fine sand paper;
- A saw;
- A pair of clippers or pliers.

How to make the trap

To make the trap entrance, use the saw to cut the top off the bottle, about 2.5 cm below its shoulder. Using the drill, loaded with the 7 mm drill bit, make three holes into the screw cap of the bottle. Screw the drilled cap back onto the bottle top and fix in place with glue. The size of these entry holes is important as they are just wide enough to permit passage of Asian hornets, but narrow enough to exclude larger native European hornets that may be attracted to the trap's bait. The capture chamber comprises the body of the plastic bottle and the PVC plumbing fitting. Cut the bottom 3.5 cm off the bottle and discard. Cut the wire mesh into a circular disc (diam. ~10.5 cm) and, using a template, place this snugly into the plumbing fitting as shown in the diagram below (protection grill). Glue into place. At 5mm above the grill, drill a ring of smaller holes (diam. 5.5 mm). These will serve as exits for smaller non-target insects accidentally caught in the chamber. Use sandpaper to smooth the inner and outer edges of the holes.

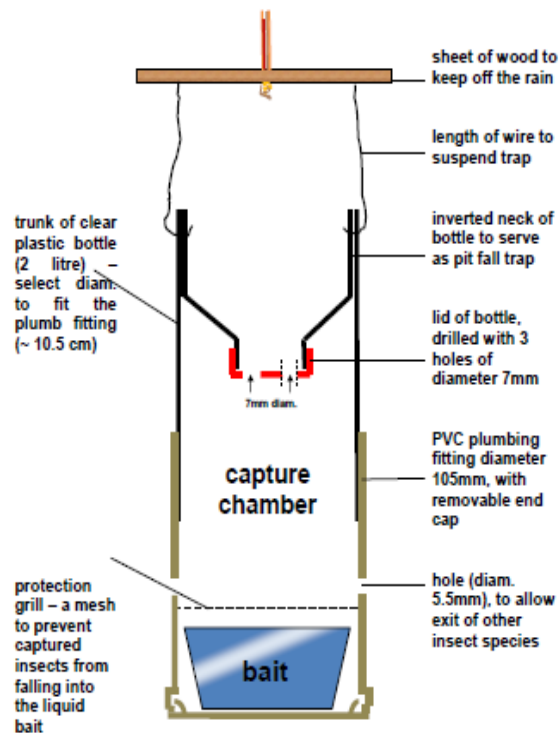
Insert the body of the bottle to a depth of 5cm into the plumbing fitting and glue into place. Invert the neck of the bottle, insert into the bottle's body, but **do not** glue into place.

The bait cage consists of the space inside the plumbing fitting formed under the protection grill.

The bait cage can be opened and closed by removing/replacing the plumbing fitting's removable cap.

The overhead guard consists of a wooden board or plastic sheet (20 cm x 20 cm), placed 15 cm over the top of

the open trap. Suspend the trap itself from the roof using two lengths of the wire, each about 15cm long. Don't forget to make a hole in the centre of the wood through which to put a suspension wire needed to hang up the finished trap.



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Enough mixture to treat two hives
in a broodless period.

Ideal for use in January and February.

Only £2.74 per bottle
(excluding postage charge)



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