



Jan 2022

No 408



**friends
of the earth
Bromley**

Our Next Meeting

Dr Brenda Boardman, MBE

Emeritus Fellow, University of Oxford

How can I reduce my carbon footprint?

A few of the ways we can help the planet and reduce the threat of climate change. Some require money, some require willpower and some depend on letter writing, but they all help.

HELP CREATE A WISH LIST, please! (See page 3 for more info)

The next monthly meeting is on Tuesday 4th January at **7.30pm**. It will be a virtual meeting once again and the Zoom link for this meeting is: <https://zoom.us/join/81577438595?text=Join%20Zoom%20Meeting-https%3A/us02web.zoom.us/j/81577438595%3Fpwd%3DczF0L2NzNmYzOTVrZmI3Z1QvVHkZz09,-Meeting%20ID%3A%20815>

Meeting ID: 815 7743 8595 Passcode: 829018 Or dial 0208 080 6592

Our usual meetings are at 7.30pm at The Friends Meeting House, Ravensbourne Road, Bromley

Everyone always welcome

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NEWSLETTER

December Meeting Participation

If you would like to be involved in the next Monthly Meeting, then it will be a virtual Zoom meeting once more. Please let us know if you'd like to attend by either emailing bromleyfoe@gmail.com or leaving a message on 020 8289 1503, and we will then send you details of how to join in nearer the time (details on cover.)

You can either join using your computer (with video or without) or on a smart phone. There is usually a phone number to dial in with other types of phone. Meeting content details are below. First half will be our speaker and the second half BFoE business.

If you can't attend this meeting, or just find yourself with some spare time, perhaps we can encourage you to become 'Armchair Activists'. Do your own bit of campaigning, perhaps inspired by something in our newsletters, and let us know what response you get. Or if any of the items in this newsletter make you angry, delight you, enthuse you or cause you any emotion other than apathy, then please jot down a line or two and send it to the newsletter editor (see contact details below.)

Diary Dates

Please note that due to the Coronavirus, many events can no longer take place.

4th Jan (Tue) Friends of the Earth Bromley Monthly Meeting. 7.30pm. Dr Brenda Boardman, MBE, Emeritus Fellow, University of Oxford. Brenda has been researching and campaigning on the use of energy in our homes since 1980. Her main focus has been on fuel poverty – the inability to keep warm in your own home. She, together with colleagues at the Environmental Change Institute at the University of Oxford, also researched electricity use in lights and appliances and the development of European policy on products for over 10 years.

This diary is correct at the time of going to press but may be updated in the next newsletter. If you need further information on any events, you can email us at bromleyfoe@gmail.com

Note that there are several internet links in this newsletter which may be impractical to type into a browser. If you would like access to any of them, then please let us know and we will send you an electronic copy of the newsletter where you can just click on the links.

Disclaimer: Please note that any opinions expressed in this Newsletter are not necessarily those of Bromley Friends of the Earth or of Friends of the Earth.

Next Newsletter Copy

Please send all your news, articles, poems, questions, views, articles for sale to the editor via one of the methods below to arrive not later than **midnight Friday 14th January**

Post: 17 Everard Avenue, Hayes, Kent BR2 7LR

Email: robert.clark9@btinternet.com (please write **'Newsletter'** in the subject line)

Help Create a Wishlist

Judy Palmer

Help us create a Wish List of activities and campaigns you would like to see Bromley Friends of the Earth work on in 2022.

We have a thought or two on how to celebrate our 50th birthday during the year, but we really would like you, our members, to create a Top Ten Wish List of topics we can undertake.

Please have a think about this and either join us at our Zoom meeting, or if you are unable to do this, email us at bromleyfoe@gmail.com, or write to (Rob's address) with your ideas before January 4th (our meeting date) and we will discuss them all then and create our Wish List for 2022 – our 50th year!

The Wish List can be comprised of a campaign to work on and/or a 50th birthday celebration idea.

December Meeting Report

Anne Clark

December meeting report

Sheila welcomed everyone to our online festive meeting – shame we were not having our usual get-together with food and "punch". Some people sported homemade Christmas hats for our enjoyment – they were all so good that everyone was a winner!

Parisa Wright, founder of Greener and Cleaner Bromley and Beyond, shared her exciting experiences when she had been invited to attend the COP26 climate conference in Glasgow to speak about the group's proposed Green Hub in The

Glades. She felt encouraged by the different groups, but sadly time had not allowed her to visit the 'Blue' or 'Green' zones.

The idea of The Green Hub is to provide somewhere for people to come when feeling cross, confused or overwhelmed by environmental concerns and find out what things they can do as individuals, for example, to reduce their carbon emissions. People tend to have busy lives and concerns about money, health and children. Sometimes making one change can lead to greater changes in their lives – for one person, using reusable straws led to reducing meat consumption and then to switching to green energy, and reducing the amount they drive. Parisa said that she and many others were motivated by having young children and wanting to ensure a better future for them. The Hub would provide a forum for people to share stories with each other; person-to-person sharing often has far more effect than being told things by experts. The aim would be to popularise and normalise sustainable living.

We must bring The Hub into our day to day conversations to normalise environmental themes. Parisa said how good it would be when TV programmes and soaps brought in storylines about and references to sustainable living [psst – Radio 4's The Archers has a 'rewilding' theme and environmental campaigners – come on, soaps!]. Viewers should applaud the companies if they ever do encounter such references.

The Hub project has been endorsed by

eminent behavioural scientist Dr Richard Carmichael of Imperial College, who has done research into changes in public behaviour. It is envisaged that The Hub will be a blueprint for other areas to follow, reaching out to communities to explain how people can make a difference in their everyday lives. It should be as effective as possible, as inclusive as possible and reach out to all parts of the community – all ages, genders, ethnicities and socio-economic backgrounds. Parisa spoke of a 360 degree approach, addressing energy, biodiversity, electric vehicles, air pollution, plastics etc.

Dr Carmichael is part of the Nudge unit of the Department for Business, Energy and Industrial Strategy (BEIS), set up “to apply behavioural science to public policy” – aiming towards reduced meat eating, driving, flying and consumption generally. He had agreed to give help with behavioural science aspects and offered to put them in touch with PhD students, and publish the research. This will involve reaching out to community leaders and groups, e.g. church ministers, youth group leaders, residents’ associations, and PTAs to find out their ideas.

Parisa said her panel had gone really well. She had described the project and had various conversations, some more positive than others. She related how a rich American property developer, when challenged about what he was doing to protect his own daughter against climate change, said that he was building himself a personal compound on higher ground to avoid rising flood

waters, with livestock, a ground source heat pump, solar energy etc “so my daughter will be safe” – somewhat selfish and not community minded! He knew of other rich people doing the same, even with bunkers. An interesting insight into the rich mindset!

Sufficient money had been raised for the project to go live in February on a volunteer-only basis – but there is now real concern about the overstretching of volunteers who have day jobs, children, and already dedicate much of their time to GCB, thus not resulting in a sustainable model. A paid person would be needed to ensure things like opening and locking up. There would also be a full-time Events manager job. Thought had to be given to what volunteers might do and how to organise them.

Thanks were expressed to Parisa for a most insightful talk. We were solidly in favour of all that GCB were doing and looked forward to working together.

There was one item of AOB, reported below.

The evening then continued with poems, readings, and a video from Tamara, and a very varied and enjoyable quiz from Judy to keep us on our toes, and concluded with Andy entertaining us on guitar, piano and voice. Thanks to Andy, and a happy and healthy New Year to all our members!

Walnuts Development

Sheila had attended a meeting of Orpington residents concerned about the plans for redevelopment of the Walnuts Shopping Centre. The proposed

development area proposes four 19-storey tower blocks and it was felt that this was totally unacceptable and out of keeping with the character of the town. Many adjacent roads would be overlooked. The developer, Areli, had mounted an exhibition but what was missing was an actual 3D model of the development and it was felt that they wanted to conceal this aspect. It is recognised that housing is required but there were real concerns about the density and the pressure on local services.

The project will result in closure of the whole centre for 2-3 years during demolition and construction and concerns were raised about the disruption to vital services. This includes the popular well-used leisure centre and there is much concern about the loss of this amenity and the proposed replacement which would have a smaller swimming pool than the current one that is used for competitions. Sheila raised the question of the detrimental effect on emissions when buildings are demolished, and this would be on a colossal scale. The group will look into this.

An action group has been formed called 'Nuts in the Walnuts'. The planning application is likely to be lodged around year end. We will continue to monitor this situation closely.

The meeting was covered by the News Shopper and you can see their article here: <https://www.newsshopper.co.uk/news/19767278.orpington-opponents-walnuts-plans-meet-air-concerns/>

Petition

The 'Nuts to the Walnuts' group have created a petition which is available to sign on 38degrees https://you.38degrees.org.uk/petitions/save-the-walnuts-leisure-centre-in-orpington?just_launched=true and reads as follows:

All options for renovation of the current leisure centre should be explored. The decision to demolish the centre should not be taken lightly. Financial cost should not be the only consideration.

We object to the proposed plan of demolishing the Walnuts Leisure Centre building, leaving Orpington residents without access to the current facilities for at least two years. This is totally unacceptable. No to a smaller leisure centre.

Why is this important?

Walnuts Leisure Centre is currently housed in a purpose-built two-level building, constructed in the early 1970s. It has stood the test of time and today it serves as a community hub, offering affordable services and amenities to children, adults and senior citizens.

The new leisure centre that Areli (the developer) is offering will be smaller in terms of square footage and housed on a couple of floors in one of the towers. Yet Areli's proposed plans will bring 2000 new residents, which will add to the pressures on the membership capacity of the leisure centre.

We fear being priced out of our leisure centre.

Although Areli keeps boasting about the

proposed 25 metre competition size swimming pool, their plans clearly show lack of pool-side space that makes the holding of such competitions impossible.

The wide corridors of the current centre, the spacious halls and the large gym area, have meant that the leisure centre was made Covid-safe and was re-opened after lock down with complete confidence.

If, at the end of the day, the decision to replace the leisure centre is the one the Council opts for, the new leisure centre should be constructed before the current one is decommissioned. Furthermore, we need cast iron guarantees that the new leisure centre will be affordable and accessible by all residents who need it.

Further action :

Write a personal message to Orpington Town councillors and your MP.

Councillor Kim Botting

Email: kim.botting@bromley.gov.uk

Mobile: 07947 714 394

Councillor Pauline Tunncliffe

Email: pauline.tunncliffe@bromley.gov.uk

uk Mobile: 07825 887 188

Councillor William Huntington-Thresher

Email: william@ocat.co.uk

Mobile: 07733 116 799

Orpington's MP:

gareth.bacon.mp@parliament.uk

tel: 01689 820 347

Bromley & Cray Valley West MP:

bob.neill.mp@parliament.uk

tel: 020 8295 2639

Keep up to date with the news and campaign:

Follow us on Twitter: @areli_walnuts &

Like our Facebook page:

www.facebook.com/AreliWalnuts

Facebook Group: [https://](https://www.facebook.com/groups/nutstothewalnuts)

[www.facebook.com/groups/](https://www.facebook.com/groups/nutstothewalnuts)

[nutstothewalnuts](https://www.facebook.com/groups/nutstothewalnuts)

#SaveWalnutsLeisureCentre

#LeisureServices4All

Campaigns Email Group

This newsletter takes a few weeks to compile, edit, print and send out. In that time, really relevant campaign items can come up which would certainly make a newsletter if they hadn't passed by the current edition. For this reason, we would like to have an email list of people we could contact at short notice as and when necessary.

There would be no obligation to respond in any way, but we feel it important to circulate these items as widely as possible.

An example of something which fell between the November newsletter and the December edition is a call from Flightpath Watch (the group keeping tabs on Biggin Hill Airport). They asked for people to write in to councillors about their report on the proposed extension of flying hours not being passed to the Civil Aviation Agency. This needed to be done before a meeting on 24th November, missing our December newsletter. This is something we could easily have circulated if we had a list of people to send it to.

Another example is the protest at the council's Environment Committee meeting on 17th November. Again, this missed the November newsletter as it was organised after that deadline. An easy thing to inform people about had the means been there.

If you are interested in joining a campaign email list please email bromleyfoe@gmail.com

You will only receive the very occasional email, ie 1 or 2 a month at most, and you can ask to be removed from the list at any point if you wish.

Miller's Mutterings

Chris Miller Court Lodge Farm

Just thought I would drop a line or two to keep you up to date with the life on the farm, as I know a few of you have said how much they miss reading our little jottings. The grass seed Peter planted in September has all germinated and growing well and we will just be left to grow until March when it will have a dressing of fertiliser. The fields have all been soil tested for potash, phosphate and lime. Our agronomist walks around the fields taking small samples and sends them off to the laboratory for testing. The results are back and no great surprises but just need top ups of potash and phosphate. A little lime is needed in a couple of the fields, so that will be applied in pellet form in the



spring.

Peter has been busy repairing roofs and doing more electrical work plus a bit of painting. As you can see from the picture, our lovely combine harvester left the farm in October. The new owner drove it to their farm in Hildenborough. They had an escort of land rovers front and back but I'm sure they caused a few problems in Sevenoaks high street! A sad day but at least we were able to sell it. The drill and trailers are next.

Our last swallow left us at the beginning of October which was quite late I think but I have been hearing the sky larks





out that the tree was about 125 years old.

Steve's great grandfather came here in 1899 so he could have had it planted. We haven't decided yet what we are going to replace it with.

We all wish our readers a very happy Christmas and best wishes for a great 2022.

singing which is always a joy.

Our big cedar tree in the garden lost quite a few large boughs during some high winds recently. Peter and I cleared as much as we could but had to have the experts look at it.

Unfortunately, it had to be felled, another sad day and makes the garden look so different. I couldn't believe the noise and vibration when the large boughs fell to the ground. I counted the rings and measured the trunk and worked



Friends Forum

We are a member of the Bromley Friends Forum, a group of interested parties in partnership with LBB over

parks, green spaces and a better environment.

A petition has been set up by the Friends Forum to ban developments on Green belt and Greenfield sites across the country,



which is collecting signatures. If the number pushes past 10,000 the Government is required to respond, and if the number passes 100,000 it will be considered for debate in Parliament. It currently has around 6000 signatures.

Please feel free to add your signature, if you support this action.

The link to the petition is: <https://petition.parliament.uk/petitions/600577>

Don't Google – plant a tree instead: update!

Sheila Brown

In August, I wrote about Ecosia, the alternative search engine which donates 80% of its profits to non-profit organizations that focus on reforestation. At that time, the company claimed to have planted nearly 130 million trees. Using the Ecosia search engine instead of Google, the numbers continue to increase at the rate of probably one tree planted each second, and since I signed up for the site, they have now passed the 140 million trees mark. That's 10 million trees in five months or 2 million trees a month.

So where do they plant these trees? Ecosia supports over 20 tree-planting projects in 15 different countries; Peru, Brazil, Madagascar, Nicaragua, Haiti, Colombia, Spain, Morocco, Senegal, Burkina Faso, Ghana, Ethiopia, Uganda, Kenya, Tanzania and Indonesia, working with local partners who are able to monitor your trees on the ground. They like to focus on biodiversity hotspots, areas which hold particularly high numbers of unique species. These

locations face extreme threats, hold at least 1,500 species of endemic plants and have been diminished by at least 70 percent.

Today, 35 such hotspots are defined. They represent just 2.3% of Earth's land surface, but they support more than half of the world's plant species and nearly 43% of bird, mammal, reptile and amphibian species found nowhere else on earth.

Trees are tremendously helpful in creating value to farmers and communities. They can prevent erosion, create a stable microclimate for other crops, restore the water systems or provide new means of income. But in the poorest agricultural regions of our planet, communities and farmers do not have the means to start tree-planting and restoration on a larger scale. It's hard to find private investments because there's no return within three years, and public financing carries large administrative burdens.

By planting in these areas, Ecosia is employing local communities and giving farmers an attractive alternative to selling their land for monoculture production.

So, what's stopping you? Switch from Google to Ecosia today!

Soap Box

Peter Gandolfi

Why the technology of battery electric cars is flawed

Don't get me wrong, I love the idea of electric vehicles, it's just that present

batteries drastically limit the potential of electric technology, and I can only see minor gains in battery technology in the future.

Points to consider:

A high proportion of present homes (40 - 50% perhaps) rely on street parking, making charging extremely difficult if not impossible. The only alternative is finding suitable on street charging stations that are also expensive to use, and can bring up the cost of charging to the cost of petrol per mile.

Present electric cars drag around a dead weight of a battery of perhaps a ton, whatever the state of charge. This extra weight penalty does detract from the potential efficiency levels of the electric car. In fact, many manufacturers don't like owners jacking their car up to change a wheel, in case it distorts the chassis or even worse, the battery compartment which could cause batteries shorting with a fire risk.

The energy density of present batteries is very low. A **lithium-ion battery** has an energy density of about 0.3 MJ/kg. Petrol has about 100 times this **energy density**.

Hydrogen on the other hand has an **energy density** of approximately 120 MJ/kg, almost three times more than petrol or diesel. Although it does have its own problems of safe containment. It could be converted into 'green' liquid fuels with a suitably high energy density that is compatible with our present vehicles.

Your comments please.

The Green Room

<https://www.javaandchai.com/>

The Green Room refill shop in Hayes Station Approach has sadly closed permanently. They do however supply an online bottle refill delivery service. You cannot refill your own bottles so first purchases must include the bottles they supply. Subsequent orders can just be refills for these bottles.

The ordering process is a little unusual. You have to set an account up on the website, wait for the confirmation email and then wait again for a password email that allows you access to either the Hayes Web Shop or the Orpington Web Shop. Their delivery boundaries are not yet clear, but the feeling is that if enough people ask, then they will expand to meet the need.

If you have any queries about this service you can contact them at: info@javaandchai.com 0208 462 2225

Campaigns

Climate

Cop26 Glasgow Summit Climate Deal

Countries agreed a deal on the climate crisis that its backers say would keep within reaching the goal of limiting global heating to 1.5C, the key threshold of safety set out in the 2005 Paris agreement.

Negotiations continued to the bitter end, as governments squabbled over provisions on phasing out coal, cutting greenhouse gases and providing money for poorer nations.

However, the pledges on emissions cuts

fell well short of those required to limit the temperature according to scientific advice. But all countries agreed to return to the negotiating table next year in Egypt, to re-examine national plans with a view to increasing their ambition on cuts.

Environmentalists consider that many countries still lack radical ambition to avert serious disaster.

The drive to 1.5C for a cleaner, healthier and more prosperous planet can only be achieved if countries work together, and campaigners need to keep up the pressure throughout the world both nationally and locally.

On November 6th 2021, the big day of action, large demonstrations took place in Glasgow, London and local cities and towns.

The Bromley FoE/XR arts event took place on Beckenham Green with actors performing to a poem about the seas rising and wild fires burning, ending on a

positive note with harnessing energy to power on and off shore turbines. Sea artefacts such dolphins, sea horses, a global headdress with fire on the top, and masks provided by FoE symbolising the danger of the planet over-heating, were part of the happening. Andy Smythe from Greenpeace sang eco songs and his voice echoed across Beckenham Green. Leaflets were given out to the public and signatures collected on the petition to urge Bromley Council to declare a climate emergency. At the time of writing this, just over 500 signatures have been collected, which will generate a debate at a Council Executive meeting.

Bromley FoE also held two vigils outside Bromley Civic Centre on October 29th and November 12th 2021 and lobbied councillors and officers before an Environment Committee meeting on November 17th 2021, where Diana Hurd tabled 2 questions about tree planting in the borough. There were a hundred



From our Beckenham Green performance in November

written questions covering issues such as pollution, 20mph zones, recycling and one asking when the council will declare a climate emergency .

On November 5th 2021 we held a vigil outside Barclays bank in Bromley and handed in a letter to the manager signed by the BFoE co-ordinators, asking the bank to stop supporting companies investing in fossil fuels. We were joined there and supported by Fiona Whyte, one of the FoE London Region co-ordinators.

Ann Garrett

Energy

An important experiment is taking place in Cumbria. Engineers are testing at a five acre site, whether hydrogen can safely replace the fossil-fuel gas pumped through transmission pipes and local grid networks into British homes as part of the government's efforts to meet climate targets.

Heating British homes accounts for 15% of the country's total emissions, meaning a low carbon alternative will be crucial in cutting emissions to net zero by 2050.

The testing site is also key to understanding how hydrogen can be transported to major factories and industrial clusters to help tackle emissions from polluting factories and power plants.

Ann Garrett

Transport

The proposed Silvertown Tunnel will undo improvements to air quality provided by the expansion of the ULEZ, undermining its purpose according to campaigners.

'Stop the Silvertown Tunnel' welcomed

the widening of the Ultra –Low Emission Neighbourhood, which charges drivers of cars that do not comply with minimum emissions standards £12.50 on entry to the North and South circular roads.

The proposal to scrap its commitment to build the HS2 eastern link from the Midlands to Leeds, will receive approval from campaigners, though serious damage has already been done to the environment in construction of the first part from London to Birmingham. Investing in other parts of the UK rail network will be a positive alternative.

The RAF has completed the world's first flight using only synthetic fuel. An Ikarus C42 aircraft using Zero Petroleum UL91 fuel has made a short trip at Cotswold airport. The fuel is made from hydrogen extracted from water and carbon from the atmosphere. An RAF spokesperson has said that the innovation shows the commitment of the armed forces to drive forward creative ideas on net zero.

Ann Garrett

Nature

With the winter approaching, I decided to buy one of those 'Insect Hotels' you see in garden centres and other places that cater for everything 'outdoors'. They are usually little house-like objects (mine has two small pieces of slate to mimic a roof) that have stacks of small pieces of bamboo rods wedged into them and a selection of pine cones to allow insects to enter and hibernate over the winter months. Some rods seem to have been claimed as the ends appear to have been blocked by the

occupant to protect against both predation and the cold winter nights. I gave one of these to a friend as a Christmas present last year and it seemed to be quite warmly welcomed, so anybody still searching for the right present for somebody this Christmas may like to consider one. And while I'm talking of Christmas, I've experimented with making slow gin. I bought a 2 litre Kilner jar and took a similar sized container to my favourite local patch of blackthorn trees – the source of each sloe picked individually. Once the sloes have been removed let them defrost in the fridge and when soft again transfer them to a Kilner jar. Then pour the gin over the sloes until the container is full and shake them daily for a few days and again a few times over the next couple of months. When ready, strain the gin to remove the sloes and pieces of skin etc. Note that I have not added sugar at this stage. The point here is that if you add too much sugar at the beginning, the gin may be too sweet and that will be that. Wait until the gin is ready in a few months time, then add the sugar in a liquid form to the sloes (we'll be linking back to these trees later which I will keep secret to reduce demand)! My recipe for sloe gin is:

Collect the sloes when they have turned soft (ripe), usually about November time. Some say don't collect them until there has been frost but with global warming you may have to wait a while. Wash them thoroughly (we don't want any bird poo on them do we?) and place them in a suitable container in the freezer for at least 48 hours. This is why you don't need to wait for a frost! The

cold will cause the skins to split, which saves the laborious job of spiking (saves waiting for the crystalline sugar to dissolve). To do this, add equal measures of sugar and water to a saucepan and heat until fully liquid then allow to cool. Then, add in incremental measures to the gin until it's as you like it. Honey, rather than sugar can also be used. There is something of a question as to whether it is likely to be ready for Christmas or not. As it's not fermenting, the only factor is the time required for the dispersal of the sloe flavour to permeate the gin: so it should be OK.

So, as we get deeper into winter, I thought a piece about a summery butterfly would brighten up the scenery. This month I want to talk about the common brimstone butterfly (*Gonepteryx Rhamni*). This is the bright lemon-yellow butterfly which, as its name implies, is both common and widespread across large parts of the world. Although the male has a characteristic yellow colour, the female is greenish-white and could be mistaken for a cabbage butterfly. The name refers to sulphur with the term brimstone being used historically as an alternative to sulphur. The word brimstone meaning 'burning stone': sulphur being mildly combustible in air. Also, the butter-like colour of this insect's wings is thought to be the source of the original name 'butterfly'. This insect is also the only butterfly with yellow wings and no black markings so it's easy to identify and is usually one of the first butterflies to emerge after winter, so it's a great indicator that spring is on its way.



This butterfly is the only member of its genus and so is often just referred to as the brimstone. This insect's caterpillar lives primarily on a few species of blackthorn trees (I told you we'd be getting back to these) which are generally found in wetlands. But the butterfly itself seems to have a preference for purple/blue flowers and bluebells are an important source of nectar early in the year. Unusually for butterflies, the brimstone rests with its wings closed and the underside of its wings (a less intense shade of yellow) allow it to be easily mistaken for a simple leaf.

Like all butterflies and moths, there are four stages to its life. They are: Egg usually laid on the underside of blackthorn leaves. Larva, or caterpillar, at which stage they eat leaves or flowers almost constantly and lose their skin numerous times as they grow. The third stage is the pupa (or chrysalis) during which the pupa undergoes a transformation into the fourth stage which is the butterfly as it emerges from its cocoon. Once it becomes an adult butterfly, it lives for the better part of a year, which is longer than most other species of butterfly and this requires it to overwinter in woodland, looking to

shelter in ivy clumps or holly trees: often travelling long distances looking for suitable locations. It always seems strange to me when a little warm weather causes butterflies to emerge during the winter as they look far too fragile to survive the rigours of the season. Odd to think that they can find safe locations to see out the winter months.

Steve Fuller

Supplies That Don't Cost the Earth

This is a regular reference point for useful and practical resources, helping us to sustain the greenest lifestyles we can. These are not recommendations from Bromley or National FoE, but are just suggested by BFoE members. Any suggestions or reviews gratefully received. bromleyfoe@gmail.com

South London Wood Recycling Project

<https://solowoodrecycling.co.uk/>

South London Wood Recycling Project. They are a not-for-profit social enterprise that specialises in working with wood that would otherwise be going to landfill. They recondition the material and either sell it on as raw building material for DIY, or building projects, or take commissions from customers to create unique pieces of furniture.

43 Factory Lane
Croydon, CR0 3RL.

Opening Times:

Monday-Friday – 9am-4pm

Saturday – 10am-2pm

No/Low Waste or Refill Shops

The Green Room, Station Approach, Hayes.

Shop is now closed. See article earlier in this newsletter about the new online refill service.

<https://www.javaandchai.com>

Alexander Stores 61 Beckenham Rd,
Beckenham BR3 4PR
<https://www.alexanderstores.com>

Laura's Larder, Fairway, Petts Wood
Herbivore, Southborough Lane, Bromley

IT & Phone Repair Orpington IT Centre, 92
High St, Orpington BR6 0JY
(Opposite Aynscombe Angle)
www.orpingtonitcentre.co.uk

Donate Your Tech
clearcommunityweb

List Of Roles

Everyone can be contacted via the groups
email address: **bromleyfoe@gmail.com**

Acting Co-ordinators/Mentors:

Sheila Brown 01689 851605
Ann Garrett 020 8460 1295

Treasurer:

Sheila Brown

Press Team:

Ann Garrett, Annette Rose

Programme Organiser:

Sheila Brown

Outings Organisers:

John & Sue Bocock 0208 290 0485

Merchandising:

Anne Clark

Membership Secretary:

Dan Sloan 07414 920920

Instagram and Twitter Admin:

Emmanuelle Coetzee

Admin Team:

Judy Palmer, Rob Clark, Annette Rose

Bromley Environmental Network BEN Reps:

John Pavitt, Judy Palmer

Web Site & Technical Support:

Peter Gandolfi

Meeting Reporters:

John & Sue Bocock, Anne Clark, Annette Rose,
Peter Gandolfi, Sheila Brown, Tom Coling ,
Ruth Fabricant, Michael Hall, Liam Redmond -
further volunteers for this team always wel-
come.

Refreshments

Pending due to no live meetings

Newsletter Production: Dan Sloan

Newsletter Editor:

Rob Clark 020 8289 1503
robert.clark9@btinternet.com

Campaigns: You can join one of the cam-
paign teams at any point if you are interest-
ed. Just contact us via our main email ad-
dress or speak to one of us at a meeting.

*Campaign leads in bold - specialisms brack-
eted*

Campaigns Administrator: Judy Palmer

Climate:

Ann Garrett

Sheila Brown
Ruth Fabricant
Paul Garratt

Nature:

Diana Hurd (trees)

Paul Garratt
Judy Palmer

System Change:

Tamara Galloway (Planning)

Ruth Fabricant (Anti racism)
Ann Garratt (Planning)
John Pavitt

Consumption:

Annette Rose

John Pavitt (Food)
Emmanuelle Coetzee (Food)
Sheila Brown (Plastics)



Non-members Section

If you are not a member of Bromley Friends of the Earth (BFoE) then hello to you. We are an active local group affiliated to national Friends of the Earth concerned with promoting the understanding of environmental issues. We also campaign on these issues at a local, national and international level.

If you would like to know more about who we are and what we do, please contact either of our acting co-ordinators Sheila Brown or Ann Garrett (their details are inside the back page of this newsletter.) Alternatively you can come along to one of our monthly meetings held on the first Tuesday of every month at the Friends Meeting House, Ravensbourne Road, Bromley - that's towards the bottom of the High Street, on the right going down. If you would like to join us then please fill in and send us the form below.

Membership Application/Renewal* Form (*delete as appropriate)

I would like to support Bromley Friends of the Earth and enclose my annual subscription (£8 single/£15 couple/family.) I also enclose a donation (optional) of £..... to help towards the work of our local group.

Name:

Address:

Post Code: Phone No:

Email address:

Do you have any hobbies or interests that may be of use to the group?

.....

Bank Details: Name - Bromley Friends of the Earth A/C - 06342260 S/C - 77 91 48

Please return this form to: Bromley FoE, 2 Bucks Cross Cottages, Chelsfield Village, Orpington, Kent BR6 7RN. Other enquiries regarding the group should be sent to bromleyfoe@gmail.com or contact one of our co-ordinators via their details inside.