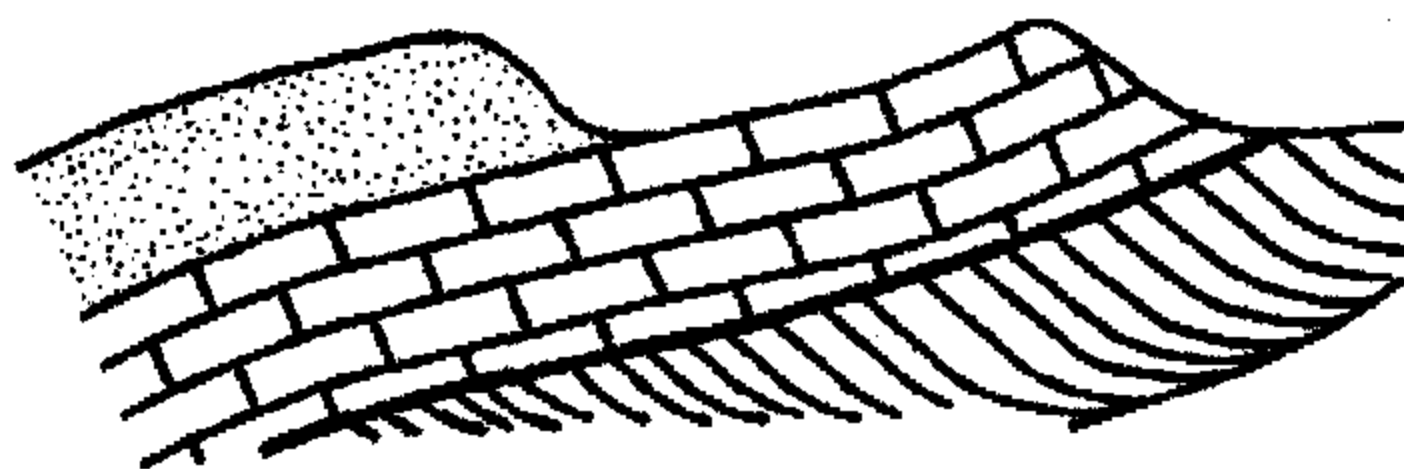


Farnham Geological Society

[<http://homepage.ntlworld.com/mjweaver/fgs.htm>]



*Farnhamia
Farnhamensis*



*A local group
within the GA*

Vol. 5 No.1

Newsletter

February 2002

Committee 2002

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	Peter Cotton	01428 - 712411
	Lyn Linse	01428 - 712350

Programme of Meetings 2002

Jan 11	AGM followed by DrA Rundle, Natural History Museum <i>Fish otoliths</i>
Feb 8	Chris Jones, Natural History Museum <i>Kaleidoscope of colours - minerals under the microscope</i>
Mar 8	John Linse, British Astronomical Association <i>The sun - our nearest star</i>
Apl 12	Dr Tony Barber, Royal Holloway College <i>Mud volcanoes, shale diapers & melanges</i>
May 10	Prof J D Mather, Royal Holloway College <i>Radioactive waste disposal</i>
Jun 14	Dr Hillary Downes, Birkbeck College <i>A field trip to the mantle</i>
Jul 12	<i>Members evening & presentations</i>
Aug 9	Summer break - no meeting
Sep 13	Richard Butler <i>Caen stone - its history & use</i>
Oct 11	John Cooper, Booth Museum of Natural History, Brighton <i>Amber - a window on the past</i>
Oct 18	Society dinner
Nov 8	Dr Derek Rust, Brunel University <i>Palaeoseismology of the big-bend of the San Andreas fault</i>
Dec 13	David Bone, The Geological Association <i>Hunting the shark - search for Medieval building stone</i>
Jan 10	AGM 2003

Contents

Editorial	2
Membership news.....	2
Field trips.....	3
Cath's quiz.....	5
Obituary - Aubrey Clark	5
Field trip to the Western Weald	6
Is plate tectonic activity such a bad thing	9
Membership listing	14

Editorial

Welcome to 2002, the second palindromic year since our Society was founded in 1970. I would like to thank all the contributors to the Newsletter during the past year and also offer apologies to those authors whose items were inadvertently omitted from the last Newsletter.

Last year Peter Cotton was instrumental in mounting an exhibition at the offices of the Farnham Herald advertising the Society's activities; the show, which was heralded a great success by those who saw it, will be up and running again in March at the library in Fleet.

Cath Clemesha reported that as no entries were received for the quiz featured in the last Newsletter she ate the chocolates herself; the questions, with the answers, are featured later in this Newsletter.

The Society is also indebted to Cyril Dutton, who sadly died last year, for his article on Plate tectonics; Cyril and his contributions to the Newsletter will be greatly missed, and our sympathies go out to his widow Jan. Thanks also to John Gahan for his report on the visit to the Western Weald, and to Marybeth Hovenden who has kindly provided the obituary for Aubrey Clark, who also died last year.

In closing, a fond farewell from an Editor who is giving up the post as he feels he has "gone on long enough!"

David Caddy

Chairmans Comments: The above were David's own words, not mine. The Society owes David our grateful thanks for serving as Editor of the Newsletter since 1987. He has done this without the benefits of a computer or word processor - quite an achievement in this ever increasing electronic age. I know he will miss the job, but he is not retiring completely; watchout for July and his rock display. Thank you David for all that you have done.

Margaret Bourgoing

Membership news

At the end of December 2001, membership of the Society stood at 120 (13 up on the end of 2000) following the recruitment of several new members after an extensive advertising campaign by the Committee. This figure comprised: 81 Ordinary members, 26 Family members, 9 Associate members and 4 Honorary members.

The increase in membership is due mainly to a determined advertising campaign undertaken by your Committee. During the year, the Society has advertised its presence on the notice boards in local public libraries, at the Bourne Show (thanks to Dorcas Cresswell for this), and by mounting an exhibition at the offices of the Farnham Herald (thanks to Peter Cotton for putting together this display). In addition, the Society is now advertised on the Geological Association's web-site, on Surrey County Council's *Library* web-site and also on Hampshire County Council's *Cousin* web-site. All these have contributed to the increased interest being shown in the Society.

The Committee has also been experimenting with the production of the Society's own web-site. Shirley Stephens and myself have been leading this exercise, and I hope all members with access to the internet have found time to have a peek at what we have come up with. (The site address is given at the top of the Newsletter). Besides giving the overall background and aims of the Society, the site lists the current year's lecture programme and gives details of forthcoming field trips together with a list of other useful geological *Links*. In addition, there is a Section titled "*Latest News*", which is regularly updated by Shirley and, as its title implies, gives up to the minute information on any changes to the published programmes etc., and any other points of geological interest. All members are invited to let Shirley have any item of news that could be included in this section of the site.

Finally, a reminder that membership renewals are due following the AGM, and that a cheque, rather than cash, is the preferred method of payment.

Michael Weaver

Field trips

Field trips planned for 2002 to 2004 are as follows; full details from Dorcas Cresswell

Date	Duration(Days)	Destination
2002 March 12 (pm)	½	Earth Alert, Science Museum Dr John Williams
April: 10 - 23	14	Italy's Volcanoes ** Dr Paul Olver
May 31- June 4	4	Bude, Cornwall ** Dr Roger Birch
August: 16 - 23	8	North Wales David Cronshaw
Sep 21 to Sep 28 Sep 28 to Oct 5 Oct 5 to Oct 12	8	Algarve, Portugal ** John & Lyn Linse
2003 possibly February	?	Teneriffe Dr Roger Birch
May	~14	Aegean & Greek Islands Dr John Williams
2004 tba	~14	USA - Canyon lands Dr John Williams

** Details of provisional itinerary are given below

Bude trip itinerary

The trip will be led by Dr. Roger Birch. The cost will be £150 for three nights b&b and two evening meals; transport to be arranged amongst ourselves. We will be studying the Carboniferous beds along the Atlantic coast where the rocks have been folded into the best examples in the UK. There will be a visit to Millook and Crackington Haven to see chevron

folding and turbidites and Boscastle to find quartz pegmatites and have a cream tea! A visit to a quarry and a wind farm are also on the agenda. A deposit of £25 will be needed to secure your place on this great weekend.

Italian trip - provisional itinerary

The trip to Italy in April 2002 is fully subscribed. The provisional itinerary is shown below; flights are by scheduled British Airways from Gatwick:

Day	Provisional Itinerary
Wednesday 10 April	Fly BA from Gatwick to Naples and transfer by private coach to 3* hotel in Sorrento (6 nights)
Thursday 11 to Monday 15	Stay in Sorrento and visit: Pompei, Vesuvio, Amalfi coast, Ravello, Positana, Phlegraen Fields, Cuma, Lake Averno, Solfatara, Ercolano, Capri, Anacapri
Tuesday 16	Travel to Milazzo, in Sicily, by coach and ferry (1 night).
Wednesday 17 to Thursday 18	Ferry to Lipari (2 nights in hotel): visit Vulcano, Lipari, Stromboli and island of Panarea.
Friday 19 to Sunday 21	Ferry back to Sicily: hotel in Taormina (3 nights) Visit: Etna, Taormina, Valle de Templi, Villa Romana, Siracusa, Catania
Monday 22	Day in Palermo Overnight ferry to Naples (1 night)
Tuesday 23	Transfer to Naples airport for BA flight back to Gatwick

Algarve trip - provisional itinerary

There are still places available for all three weeks so please telephone Dorcas Cresswell or Lyn Linse if you would like to go on this great trip.

Day	Provisional Itinerary
Day 1	Flight from UK to Faro; minibus to COAA
Day 2	am - to Lagos: lacustrine geology, birdwatching & botany. pm - tour of town, visit to museum. evening - dinner at COAA, observe night sky
Day 3	am - to Luz: cliffside sedimentary structures pm - to Sagres & St. Vincent Point Fort evening - dinner at COAA, observe night sky
Day 4	am/pm - to Monchique: volcanics, granite quarry (if can be arranged) & cork forest.
Day 5	am/pm - to Lagoa: red sandstone cliffs at Carvoeiro, the Algo Seco (dry gully). Birds & plants along the way.
Day 6	am - to Portomaio: sightseeing pm - visit to an archaeological site evening - dinner at COAA, observe night sky
Day 7	am/pm - to Silves: geology and castle visit
Day 8	Travel to Faro for return flight to UK

Insurance

Several members have asked why they need to take out personal insurance cover when the Club already has an insurance policy. The answer is that these two insurances are completely different:

- 1) The Club's insurance policy is a Public Liability policy covering the club and it's members whilst engaged on club activities for negligent acts to a third party.
- 2) Personal Insurance policies provide individual members with cover for a trip such as; cancellation, personal accident, death and disability benefits, loss of baggage, medical expenses etc.

It is important therefore that members taking part in a Society field trip take out their own personal insurance to cover the items listed in para 2 above.

Dorcas Cresswell

Cath's quiz - questions & answers

	Question	Answer
1	Sounds like a dry mineral	<i>Anhydrite</i>
2	Hell	<i>Hades</i>
3	All the oil gone	<i>Tar sand</i>
4	A cockney laughing	<i>A a</i>
5	Curved equine	<i>Benthos</i>
6	Jurassic down before up	<i>Basin</i>
7	A way in	<i>Agate</i>
8	Arctic explorer	<i>Polar wander</i>
9	Go too far	<i>Overstep</i>
10	Sounds like fibbers	<i>Lias</i>

Cath Clemesha

Obituary - Aubrey Clark

Aubrey Clark died in a nursing home last July. He came to classes and field trips with his wife Jacqueline and loved the social side of the Society. Some will remember the field trip to Germany in 1985 and the 25th Anniversary trip to Utah and the Grand Canyon in 1996. Jackie continues to enjoy our meetings and travels extensively; as this is going to press she is en-route to Australia via Burma and Singapore.

Marybeth Hovenden

Field Trip to the Western Weald

On Sunday 16th September a few members of the Society led by John Gahan, together with invited guests from the Staines Geological Society and Camberley Natural History Society, embarked on a full day excursion to appraise the geology of the western Weald. The plan was to examine six geological sites covering a distance of approximately 20 miles which translated to a palaeochronology of approximately 20 million years of heterogeneous sedimentary deposition during the Upper Cretaceous.

Site 1. Devil's Punch Bowl.

In glorious early morning sunshine a party of 20 met at the Devil's Punch Bowl, Hindhead to look at one of the most famous valleys in Surrey.

The group took the long descent towards the valley bottom to look at a geological junction where one of many natural spring outlets trickles water continuously into Smallbrook Stream which incises the valley below. At this point the bottom-most **Lower Greensands (LGS)** of so-called **Hythe Beds** overlays another marine sequence of **Atherfield Clay**. Here the Hythe formation of glauconitic (a green micaceous mineral - hydrated potassium silicate indicating marine environments) sandstones permits rain waters to permeate the sandy succession before reaching an impervious upper layer of Atherfield Clay. As a result spring lines ooze rainwaters along the junction, known as '**spring sapping**' which over-time eroded the Hythe Beds to the north and widened the valley head. This process is thought to have begun and continued during several ice ages when intense glacial melt-waters cut surface channels and formed the punch bowl as it is today.

Site 2. Devil's Jumps

By mid-morning a rather circumspect procession of orderly vehicles arrived at the Devil's Jumps near Churt. These dramatic acidic heathlands are formed from the uppermost sequence of the LGS formation known as the **Folkestone Beds**.

The beds are variously coloured red, yellow and a silvery white in places and, where tinged with colour, owe their diversity to secondary organic oxidising processes (**limonite**). They also contain distinct ferruginous caps of ironstone, known locally as '**carstone**', which outcrop along the top of the hills forming a sequence of curved 'jumps'. Due to the changeable nature of the beds the '**silver sands**', which are without iron staining, form eroded valleys and paths littered with large chunks of tabular carstone remnants.

Site 3. Mellow Farm

A winding drive through the pretty villages of Thursley and Frensham (following the leader) found our party at a disused quarry at the nearby Mellow Farm.

The Folkestone Bed formations are well exposed along the back face of the quarry to reveal excellent features of **cross-bedding**. However, the main reason for visiting this site was to observe the ferruginous veins of 'carstone' formations known as '**festooning**'. This can be seen in glorious cross-section towards the top of the quarry face and is brought about by the mobilisation and precipitation of iron-rich circulating ground waters within the sediments. Concentrations of vivid red and yellow '**drapes**' results in the eventual formation of carstone over several thousands of years some 2 to 5 meters below the surface.

Site 4. Selborne Brick Pit

After a much needed lunch (and picnics) at Gilbert White's now famous 'The Natural History of Selborne' village, the party stopped at The Selborne Brick & Tile Company to see the upper sequence of LGS **Gault Clays** and how today they are being worked and commercially exploited.

Apart from the reality that these clays are being quarried for the manufacture of bricks and tiles, the clays are also extremely fertile having been laid down in deep sea humid conditions. This fertility accounts for the number of arable farms throughout the region. The silty marine successions contain an abundance of fossils including the presence of **ammonites, echinoids, brachiopods** and a huge variety of **bivalves**. **Phosphate nodules** are also very common. The party spent about an hour hunting for fossils which was not entirely successful - probably because the clays had not been excavated or turned-over for some months

Site 5. Hartley Mawditt

Our party negotiated the surrounding hills around Selborne known locally as '**hangers**' to arrive at a sunken lane to the east of Hartley Mawditt village. This area comprises the topmost **Upper Greensand (UGS)** formation which is at its thickest in this part of the Weald.

At first glance these siliceous sandstones take-on the appearance of chalk. They are subdivided into 3 main rock types. Top, **clayey sandstones** (very fertile). Middle, **siliceous and calcareous 'malmstone'**. Lower, **poorly consolidated siltstones**. Industrial uses have been made of most of these sequences, in particular (known locally as) '**clunch**' and marketed as '**Oh So White**' for hearth whitening in Victorian times, and '**firestone**', as fireproof liners for furnaces.

Site 6. Lower Froyle Quarry

Our final site at Lower Froyle, some 2 miles from Alton, was reached at around 4pm.

This open-cast chalk quarry is currently used for the extraction of lime mainly for agriculture. Here there are outcrops of the **lower and middle chalk** only - the upper chalk having been completely removed by erosion. The lower chalk is distinctive in that the beds are massive and grey in colour with a marly texture, whereas, the middle chalk appears to be whiter and contains bands of **flint nodules** in the upper beds. These features are important as they show gradual environmental change. Flint nodules are thought to be formed from the bacterial decay of infaunal organisms in conditions that become oxygen deficient (reducing).

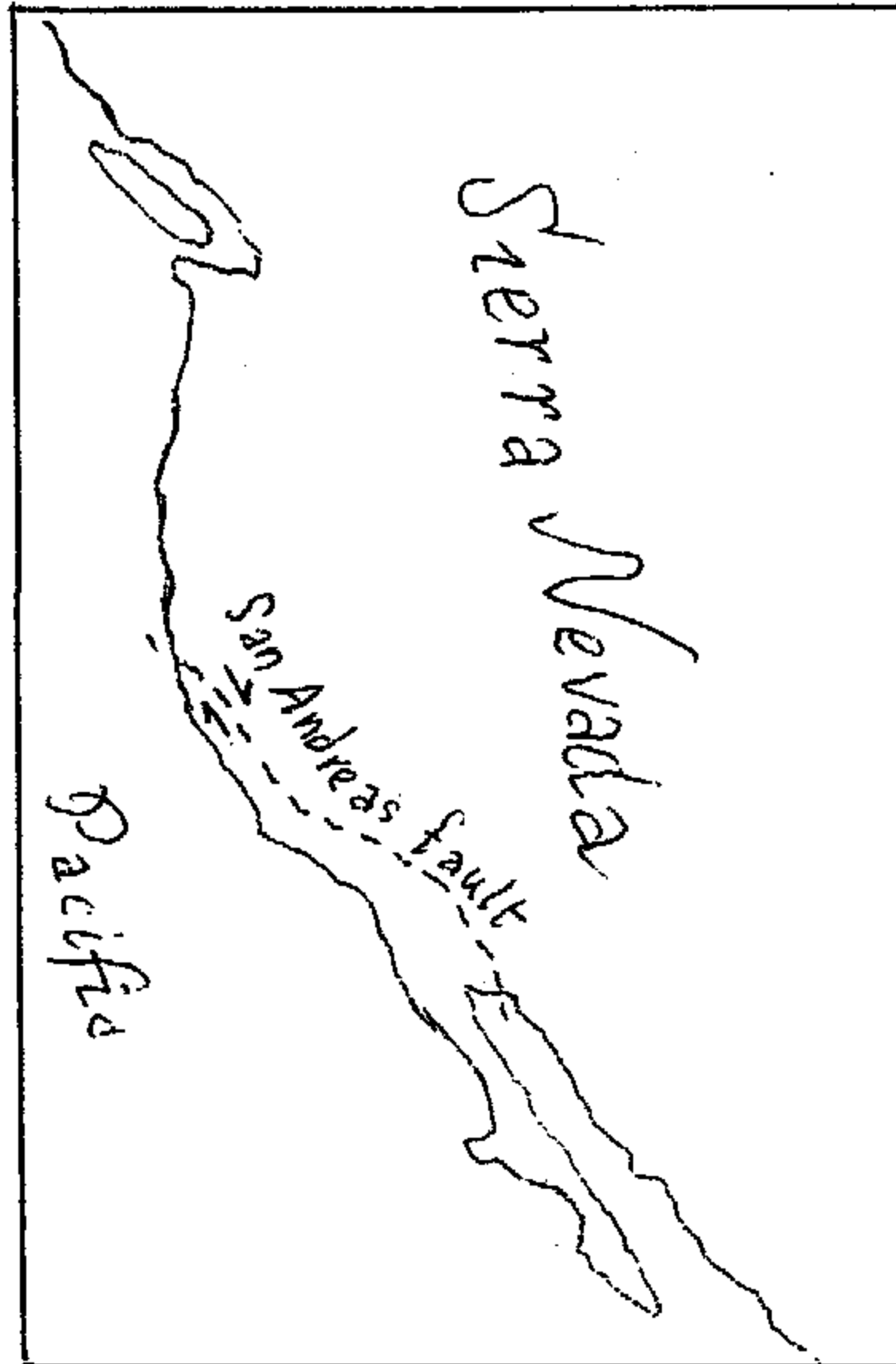
Such conditions are also brought about a change in the pH of the seawater resulting in the precipitation of silica. Like the Gault Clay the chalk is abundant with fossils, but perhaps less well preserved in some cases. Sausage-like nodules are also readily found which, when broken, contain radiating crystals. These are 'marcasite' crystals comprising iron sulphide (a form of pyrites) which develop during a controlled phase of reducing environments within the chalk. Towards the top of the quarry evidence was seen of Quaternary Plateau Drift deposits (Clay-with-flints) which gave rise to Neptunian Dykes (solution hollows). During the ice ages frozen subsoils (premafrost) were seasonally thawed to carve valleys and incisions into the surface layers of chalk which became infilled and are today remnants of these so-called 'solution pipes'.

The party began to disperse at about 5.30pm, some clutching marcasite nodules and a variety of chalk fossils and hand specimens, after what was said to be a wonderful if not tiring day. Fortunately the weather held out and was mild and sunny for most of the time.

John Gahan
December 2001

Is plate tectonic activity such a **BAD THING ?**

.....
Essay by Cyril Dutton

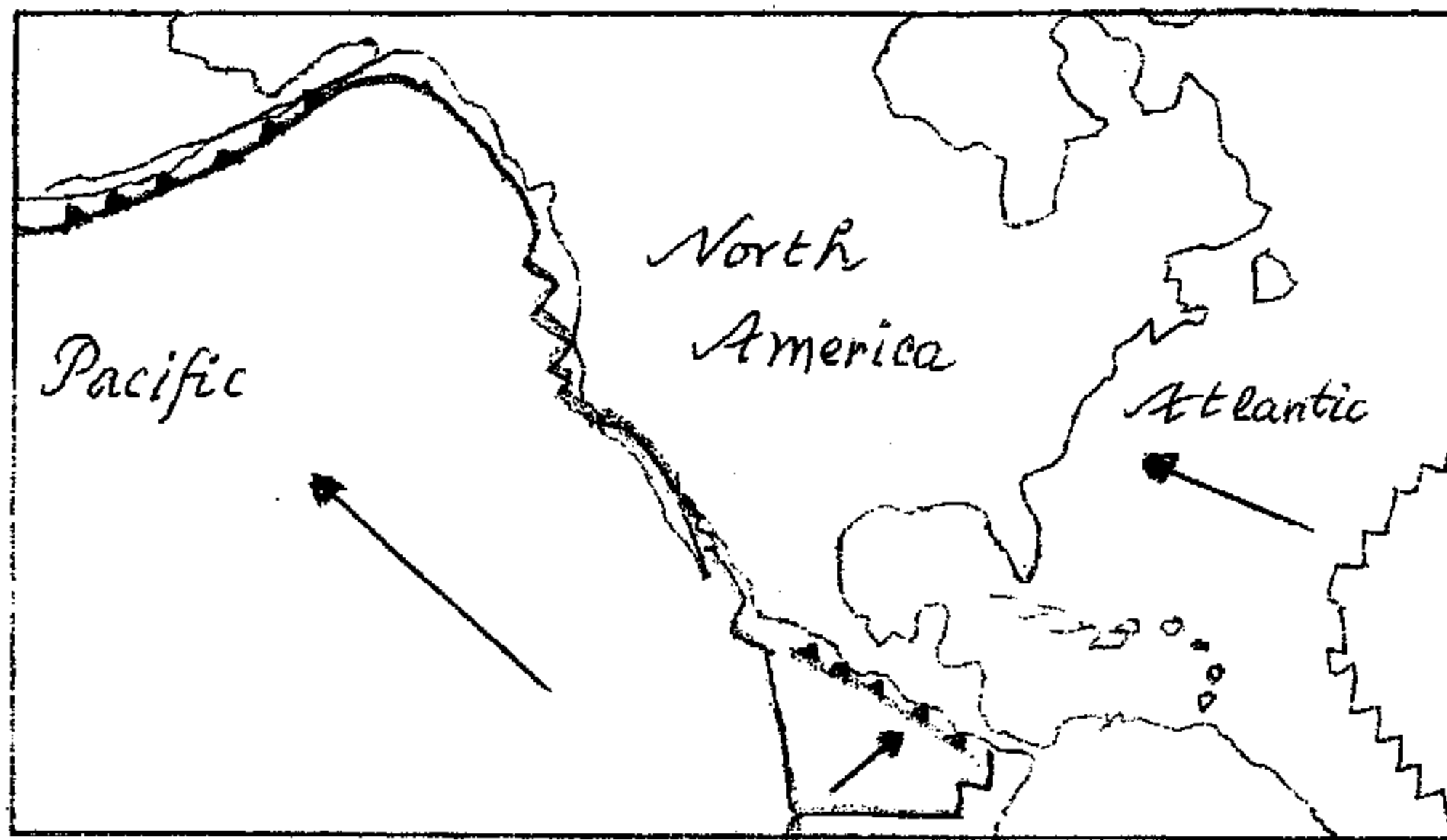


A CHILD once asked me: "If God is good, why does He allow all this bad rainy weather? After all, nobody likes it." So I had to explain that we often regard a rainy day as a bad thing, but what would we do without water? What would our streams and rivers be like if it was always sunny? What if the country became parched and dried? Of course, that conversation took place some years ago. That was before we experienced the droughtiness of recent years; long before some of our small rivers and streams had dried up. Indeed, it was some while before some of our towns had their water supply cut off in the summer.

But the child's comment and the general dislike of bad weather reminded me of a sort of parallel with some of the horrors associated with plate tectonics; some of the devastating earthquakes and volcanic eruptions. Surely, they can be very dangerous. But what would we do without them? What would our planet be like without them?

May I mention just three examples to illustrate my point: You will instantly recall the San Andreas Fault line in the USA and which runs for a distance of some 1 900 km. ridge to ridge (notice I do not use a comma in the figures as this is correct in a scientific paper). Both ends of the fault end in the sea and join a ridge.

On the west side lies the Pacific plate while on the east side lies the American plate. The western side of the fault moves more fast than the eastern side, simply because the Pacific plate moves much faster than the American plate. The direction of movement is towards the NW, and it has been active since Oligocene times. That is, for about 30Ma. Then on April 18, 1907 it killed about 700 people and almost completely destroyed San Francisco.



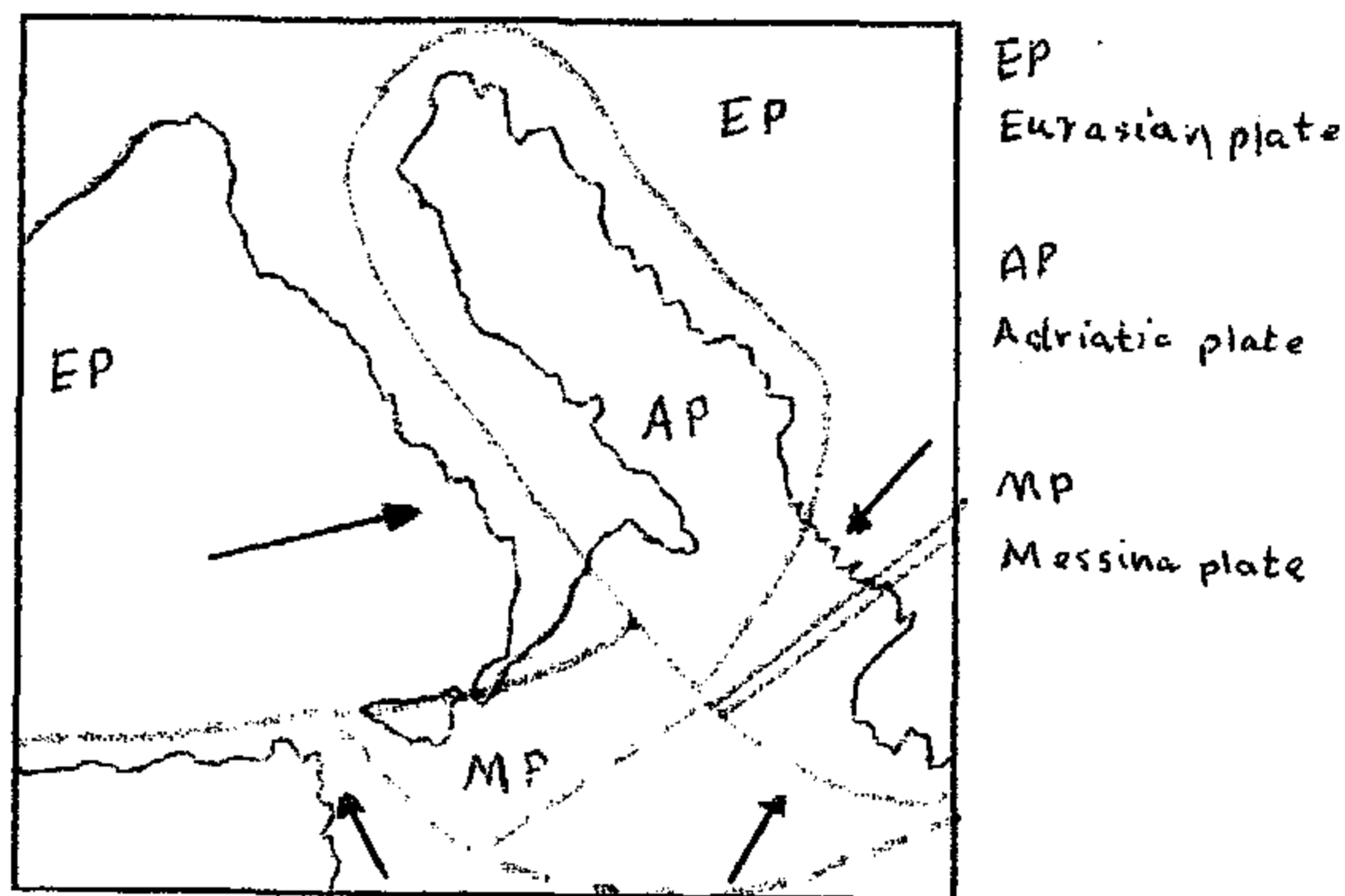
THE CLASSIC volcanic eruption must be that of Vesuvius in the year AD79 which destroyed the cities of Pompeii, Herculaneum, and Stabiae. It is widely known by travel agents and is still a great attraction. They appear to "do" Pompeii in a short visit. It took me seven days as there was so much to see and to photograph. But one has to remember that speed is the mode of today's travel agents' touring plans.

It was a beautiful and prosperous place to live during Roman times, and it still is today. It is also a very fertile area which has brought great wealth to many. It is just one of the many examples of the benefits obtained from volcanic eruptions around the world.

The volcanoes of southern Italy and Sicily are very interesting geologically. But far too complex to be described in full detail here. Firstly, there is reducing tectonic pressure from the west against the Adriatic plate. In earlier times, a line of volcanoes stretched northwards as far as Switzerland, but north of the Naples area they are now all dead. In

addition, there is movement of the small Messina plate just to the south which accounts for a group of small volcanoes. And further to the south there is Mount Etna, its frequent activity is probably due to a tensional regime in that part of the crust.

Volcanoes also account for much plentiful produce as well as scenic beauty which attracts fabulous hotels. Take Mount Vesuvius for example. In Naples, a number of fine and expensive hotels, which are situated along the water front, can charge the top rates. For example, the Grand Vesuvio can charge as much as £150 pppn and offers a magnificent view of both the Bay of Naples and Mount Vesuvius.



The fame of the area and the beauty of the views has attracted many rich people. Not only President Clinton and Mitterrand visited the Grand Vesuvio hotel during the 1994 G7 summit meeting, but in earlier years it was visited by such famous film stars as Grace Kelly, Rita Hayworth, Clarke Gable and Humphrey Bogart.

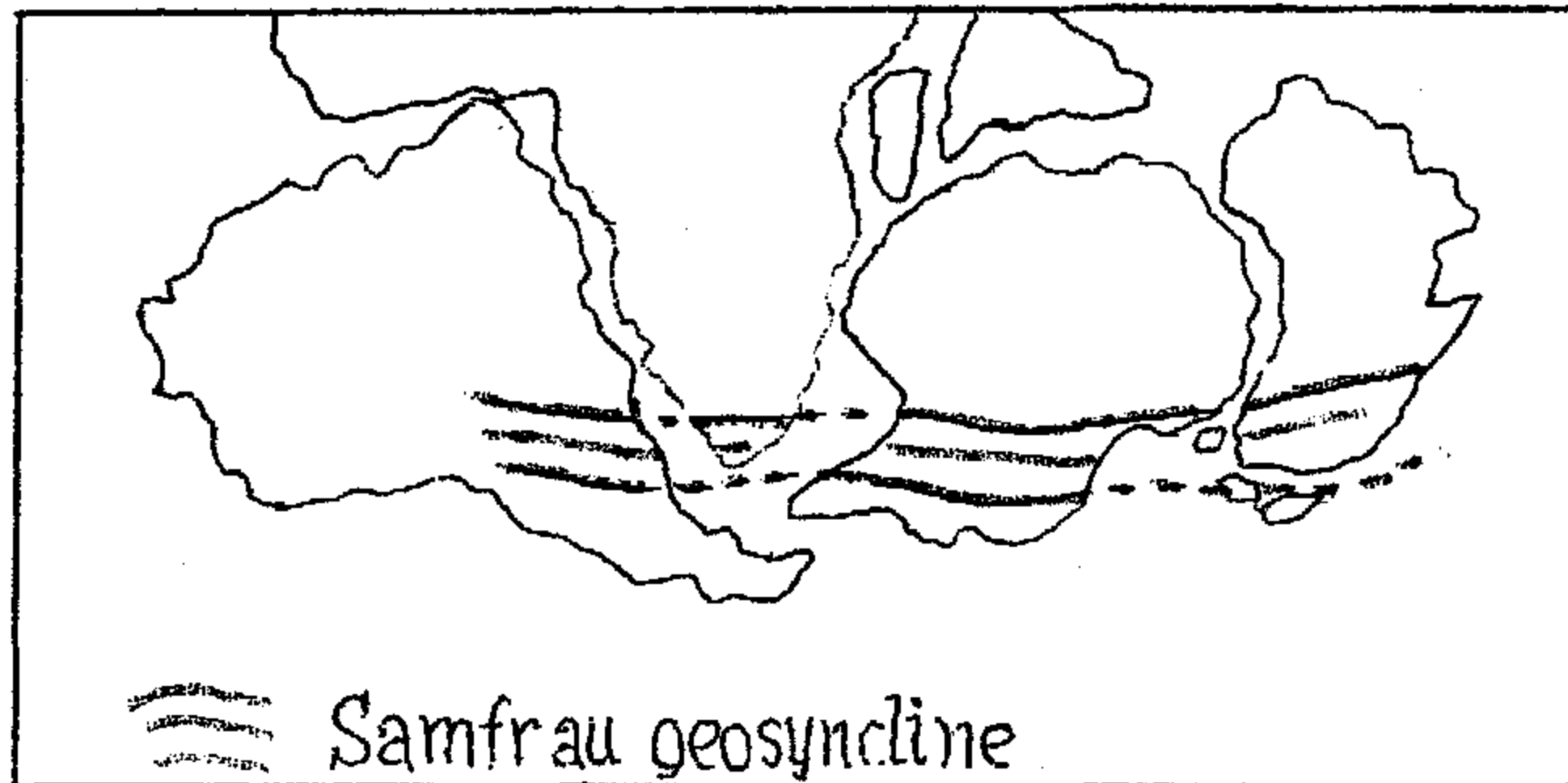
THE "GARDEN ROUTE" of South Africa grows a profusion of produce including a wide variety of grapes for wines, and also fruit of all kinds. Naturally, jam is in plenty. South Africa exports considerable quantities of fine wines and fruit from this region and no doubt you have seen these in your local supermarket.

It is also a most beautifully scenic area. Geologically, it is the so-called Samfrau geosyncline. Interestingly, it was the site of the late Palaeozoic-early Mesozoic orogeny often known as the Cape Fold Belt.

This mountainous region extends from Cape Town to East London and is largely made up of crumpled, hardened and often metamorphosed sandstone from an ancient sea floor. (I have a specimen of it.) The range of hills and mountains is the direct result of plate tectonic

compression from the south which was responsible for bringing together so many parts of Gondwana (note that the name *Gondwana* now replaces the old name of *Gondwanaland*).

Even today, my friends who live along the Garden Route, tell me of occasional earthquakes. This, of course, is not due to the compression that produced the mountains of the Samfrau geosyncline. That activity ended long ago. It is in fact the result of the plate tectonic activity at the mid ocean ridge which continues to open the South Atlantic.



Numerous reconstructions of Gondwana (see above) have been proposed over the years, of which the earliest and arguably the most celebrated, was that by du Toit in 1937. He based his geographies solely on continental geometry and continuity of regional geological structures and trends. He placed particular emphasis upon the Samfrau geosyncline which extended from South America (the Sierra de la Nentana), through the Fold Belt of South Africa and then through Antarctica to eastern Australia. It was named the Gondwanide Orogeny by du Toit.

It was a refinement of Wegener's proposal of 1924. And despite additional data and restraints provided by more recent plate tectonic research and modelling, including studies in oceanic magnetic anomalies, his work has been proved to be essentially correct.

+ + +

SOME may say that to avoid terrible disasters, the solution is never to live near a fault zone, or an active volcano. The reason why farmers do so is because the soil is so good for crops. Or, in some countries, it may be just complacency. Perhaps the volcano seldom erupts

or has never erupted during one's present lifetime. So the area is believed, erroneously, to be absolutely safe.

However, mountain-building, earthquakes and volcanic activity are features of plate tectonics. And without this plate tectonic activity our planet would be in a much sorer state. Perhaps it would be more like the surface of Mars. Not only is the subject of great interest to students of Earth Science (or Geology), but our environment would be so much less beautiful and so much less productive without the many activities covered by the term *plate tectonics*.

For one thing, our planet would overheat and the surface could melt. At best, life would become unbearable. At worst, evolution may be unknown on Earth! Our difficulty in clearly visualizing the consequences is our lack of actual experience. Perhaps, the nearest example that comes to mind might be Io, one of the smaller moons of Jupiter. Apart from NASA's non-manned probes, nobody has yet set foot on Io! But here on Earth, despite the heat-releasing mechanisms of plate tectonics, man-made heating of the climate can cause such disasters as Hurricane Mitch. Recently, the media has reported that scientists believe that if our climate continues to over-heat, our climate will become much more violent.

And yet, without any plate tectonic activity, our countryside would lack the many beautiful features that we enjoy. Not only does the San Andreas fault line produce its own beauty, but it also has raised mountains which cause rainwater to run down to the big cities. The rivers produce lush environments; such as the Garden Route in South Africa.

California has its own prosperous wine-producing region. And of course, it has its beautiful Silicon Valley which has attracted so many millions to come and live in the area. And to make many millions of dollars! That was with silicon chips. Soon they will make DNA chips for biological research.

In an article of this short length, one can talk only about three examples. However, remembering the question posed by the little child, should anyone query why God allows these things to happen? Would it benefit us if we were without the many activities of plate tectonics? Or without any rain?

And so dear reader, aside from global warming, would you say that plate tectonic activity after all is really such a **BAD THING?** ■

+ + + + +

Farnham Geological Society - Membership: December 2001

Would members kindly check their details and inform the Membership Secretary of any inaccuracies, omissions or other changes that are required

Name	Address	Tel No	Membership
Roger	Ashcroft 57 Hartwell Road, Hanslope, Milton Keynes, MK19 7BY	01908 - 510584	A
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Melene	Barnes 'Outmoor', Churt, Farnham, GU10 2NG	01428 - 712393	O
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Laura	Bell 12 Kingsdown Road, Epsom, KT17 3PU	01372 - 722997	O
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Tony	Bourgoing 11 Dukes Mead, Fleet, GU51 4HA	01252 - 615637	F
Margaret	Bourgoing 11 Dukes Mead, Fleet, GU51 4HA	01252 - 615637	O GA
Ann	Bower 27 Waverley Avenue, Whitton, Twickenham, TW2 6DQ	020 - 8898 6884	O
John	Bradbury 9 Oakfields, Walton-on-Thames, KT12 1EG	01932 - 227099	O
Colin	Brash 'Bindon Cottage', Grayshott Road, Headley Down, GU35 8JQ	01428 - 713256	O GA
Jill	Brash 'Bindon Cottage', Grayshott Road, Headley Down, GU35 8JQ	01428 - 713256	F
Tony	Brown 'Bine Croft', Beavers Close, Farnham, GU9 7BE	01252 - 723189	O GA
John	Burrows 31 Grove End Road, Farnham, GU9 8RD	01252 - 726289	O
Janet	Burton Forest Ride, Bucks Horn Oak, Farnham, GU10 4LW	01420 - 22190	O
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Mary	Clarke 'Toadstools', Sandy Lane, Tilford, Frensham, GU10 2ES	01252 - 792511	O
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Olivia	Cotton 'Court Barn', Churt, Farnham, GU10 2NX	01428 - 712411	F
Helen	Craze 14 Willow Court, Staines Road West, Sunbury, TW16 7BW	01932 - 770231	O
David	Cresswell 1 Bourne Firs, Lower Bourne, Farnham, GU10 3QD	01252 - 793884	F
Dorcas	Cresswell 1 Bourne Firs, Lower Bourne, Farnham, GU10 3QD	01252 - 793884	O GA
Pam	Crosby Pond Cottage, Pond Lane, Churt, GU10 2PZ	01252 - 792666	F
Alan	Darling 'Bally Quin', 2 Parsons Lane, Hindhead, GU26 6NP	01428 - 604748	O
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Paul	Davis 97 Ropeland Way, Horsham, RH12 5NZ	01403 - 243869	O GA
Dot	Digby 'Inholms', Snailing Lane, Greatham, GU33 6HQ	01420 - 538376	O
Margaret	Dyos 69 Felton Road, Parkstone, Poole, BH14 0QR	01202 - 749591	A GA
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Data Protection Act: Members are advised that details of their name, address and telephone number are kept on a computerised data base which is for use by the Committee of the Farnham Geological Society.

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Henry	Etwaroo	15 West Drive, Burgh Heath, Tadworth, KT20 5PA	01737 - 360536	F	
Margaret	Etwaroo	15 West Drive, Burgh Heath, Tadworth, KT20 5PA	01737 - 360536	O	GA
Joan	Farquharson	38 Elmsleigh Road, Farnborough, GU14 0ET	01252 - 541372	O	
Ted	Finch	'The Chase', Glaziers Lane, Normandy, GU3 2EB	01483 - 811506	H	GA
Bryan	Fleming	28 Archery Fields, Odiham, RG29 1AE	01256 - 703522	O	
Geffrey	Fogwill	Churchill Crescent, Headley, Bordon, GU35 8ND	01428 - 713169	O	
Andrew	Fuller	Flat 2, Squirrels Court, 17-19 The Avenue, Worcester Park, KT4 7EU	020 - 8330 4614	O	GA
John	Gahan	'Oast Cottage', School Lane, Lower Bourne, Farnham, GU10 3PF	01252 - 735168	O	GA
Charles	Ganter	15 Oakhall Court, Oakhall Drive, Sunbury, TW16 7LE	020 - 8890 9978	F	
Robert	Gott	Tylny Hill, Henley Park, Cobbett Hill Road, Normandy, GU3 2BZ	01483 - 235422	O	
Claire	Gott	Tylny Hill, Henley Park, Cobbett Hill Road, Normandy, GU3 2BZ	01483 - 235422	F	
Ian	Hacker	'Devana', Upper Manor Road, Farncombe, GU7 2HZ	01483 - 421847	O	
Calli	Hacker	'Devana', Upper Manor Road, Farncombe, GU7 2HZ	01483 - 421847	F	
George	Harrison	11 Howard Close, Fleet, GU51 13ER	01252 - 673349	O	
Voirrey	Heath	Broyhurst Lodge, Holmbury Hill Road, Ewhurst, GU6 7SJ	01483 - 277286	O	GA
Nick	Holmes	121 Wickham Avenue, Cheam, SM3 8EB	020 - 8644 2078	O	GA
Nancy	Holmes	121 Wickham Avenue, Cheam, SM3 8EB	020 - 8644 2078	F	
Bill	Houghton	17 Grove End Road, Farnham, GU9 8RD	01252 - 716747	F	
Ruth	Houghton	17 Grove End Road, Farnham, GU9 8RD	01252 - 716747	O	
Marybeth	Hovenden	'Pine Copse', Whitmoor Common, Worplesdon, GU3 3RP	01483 - 232002	O	
Sally	Hurst	15 Oakhall Court, Oakhall Drive, Sunbury, TW16 7LE	020 - 8890 9978	O	
Beryl	Jarvis	'Orchard Cottage', Warnham Lodge, Warnham, RH12 3SQ	01403 - 254549	O	GA
Kate	Jemmett	'Kiln Field', Puttenham, Guildford, GU3 1AP	01483 - 810287	O	
Derek	Jerram	10 Overdale, Ashstead, KT21 1PW	01372 - 278264	O	
Margaret	Jerram	10 Overdale, Ashstead, KT21 1PW	01372 - 278264	O	
David	Jolly	29 Jubilee Lane, Wrecclesham, Farnham, GU10 4JA	01252 - 792451	O	GA
Pauline	Kennedy	37 Trenchard Close, Hersham, KT12 5QT	01932 - 269244	O	GA
Evelyn	Kenward	9 The Crescent, Farnborough, GU14 7AR	01252 - 542524	O	
Veronica	Kilgour	'The Coach House', 53a Hale Road, Farnham, GU9 9QZ	01252 - 714318	O	
Geffrey	Levett	'Menawethan', Westcott Heath, Dorking, RH4 3JZ	01306 - 889669	F	
Margaret	Levett	'Menawethan', Westcott Heath, Dorking, RH4 3JZ	01306 - 889669	O	
John	Linse	11 Hilland Rise, Headley, Bordon, GU35 8LX	01428 - 712350	F	
Lyn	Linse	11 Hilland Rise, Headley, Bordon, GU35 8LX	01428 - 712350	O	GA
Roz	Little	45 Perowne Street, Aldershot, GU11 3JR	01252 - 345371	O	GA
Ken	Lord	54 Blunden Road, Cove, Farnborough, GU14 8QL	01252 - 683620	O	
Eve	Lord	54 Blunden Road, Cove, Farnborough, GU14 8QL	01252 - 683620	F	
Peter	Luckham	'Adams Peak', Thursley Road, Churt, GU10 2LQ	01428 - 607229	O	
Sheila	Martin	33 Cambridge Road, Farnborough, GU14 6QA	01252 - 512545	O	
Elizabeth	Matthews	90 High Street, Langton Matravers, Swanage, BH19 3HD	01929 - 423060	A	
Pam	Minett	49 Pierrefondes Avenue, Farnborough, GU14 8PA	01252 - 541332	O	
Sylvia	Moyes	24 Croysdale Avenue, Sunbury-on-Thames, TW16 6QN	01932 - 783188	O	
Elizabeth	Murison	60 Lodge Hill Road, Farnham, GU10 3RF	01252 - 719392	O	
Gillian	Oakes	'Hoppery Hill', Headley, GU35 8TB	01428 - 712583	O	
Dorothy	Odhams	181 Peperharow Road, Godalming, GU7 2PR	01483 - 429289	O	
Paul	Olver	'The Buttridge', Wellingham Lane, Canon Pyon, HR4 8NL	01432 - 761693	H	GA
Daphne	Page	12 Providence Place, Abbey Street, Farnham, GU9 7RQ	01252 - 721003		

Name		Address	Tel No	Membership
Tony	Painter	83 Wharf Road, Frimley Green, Camberley, GU16 6PR	01252 - 659312	O
Arthur	Parry	37 Gooden Crescent, RAF Borough, Farnborough, GU14 0GQ	01252 - 541206	O
Henry	Paul	15 Borelli Mews, Farnham, GU9 7YZ	01252 - 715877	O
Jim	Phillips	120 Peperharow Road, Godalming, GU7 2PN	01483 - 421242	F
Janet	Phillips	120 Peperharow Road, Godalming, GU7 2PN	01483 - 421242	O GA
John	Price	'Shrublands', Hoghatch Lane, Farnham, GU9 0BY	01252 - 714741	F
Audrey	Price	'Shrublands', Hoghatch Lane, Farnham, GU9 0BY	01252 - 714741	O
Joan	Prosser	115 Farnham Road, Guildford, GU2 7PF	01483 - 570897	O GA
Brian	Richards	13 Braemar Close, Godalming, GU7 1SA	01483 - 421445	F
Margaret	Richards	13 Braemar Close, Godalming, GU7 1SA	01483 - 421445	O GA
Judy	Richardson	7 Belton Road,, Brighton, BN2 3RE	01273 - 601440	A
Michael	Rubra	'Greensleeves', Headley Heath App, Boxhill Rd, Tadworth, KT20 7LL	01737 - 843025	O GA
Hubert	Scholes	5a Lancaster Avenue, Farnham, GU9 8JY	01252 - 723992	O
Bryan	Shakespeare	9 Beechcroft View, Hoy, RG27 9RF	01256 - 763788	O
Brian	Stace	4 Vicarage Gate, Guildford, GU2 7QJ	01483 - 561388	O
Ed	Step	9 Burford Lea, Elstead, Godalming, GU8 6HT	01252 - 703327	O
David	Stephens	27 Dinorben Close, Fleet, GU52 7SL	01252 - 680215	F
Shirley	Stephens	27 Dinorben Close, Fleet, GU52 7SL	01252 - 680215	O GA
Brian	Tones	'Brambles', The Long Road, Rowledge, GU10 4AJ	?	O
Steve	Toothill	'Invorgyle', Atwood, Little Bookham, KT23 3BQ	01372 - 450007	O
Sue	Toothill	'Invorgyle', Atwood, Little Bookham, KT23 3BQ	01372 - 450007	F
Conrad	Volkner	'Bridge Cottage', Honey Lane, Selborne, GU34 3BZ	01420 - 511452	O
Prue	Volkner	'Bridge Cottage', Honey Lane, Selborne, GU34 3BZ	01420 - 511452	F
Irvine	Walker	'Snowdon', Glayshers Hill, Headley, GU35 8AQ	01428 - 712284	O GA
Michael	Weaver	'Yoden', Reading Road North, Fleet, GU51 4HR	01252 - 614453	O
Christine	Weaver	'Yoden', Reading Road North, Fleet, GU51 4HR	01252 - 614453	F
Mary	White	8 Upper Way, Farnham, GU9 8RG	01252 - 726625	O
John	Williams	57 Warren Rise, Frimley, Camberley, GU16 8SJ	01276 - 26494	O GA
Myra	Williams	57 Warren Rise, Frimley, Camberley, GU16 8SJ	01276 - 26494	F
Pat	Wilson	'Longways', Barracks Hill, Totnes, TQ9 6DQ	01803 - 868098	A
John	Wilson	5 Lawday Place, Folly Hill, Farnham, GU9 0AA	01252 - 735180	H
Jenny	Wilson	15 Estuary View, Northam, Bideford, EX39 1XZ	01237 - 471047	A GA
Judith	Wilson	17 The Garth, Ash, Aldershot, GU12 6QN	01252 - 322697	O
Harold	Young	164 New Road, Chilworth, Guildford, GU4 8LX	01483 - 539421	O
Jackie	Young	164 New Road, Chilworth, Guildford, GU4 8LX	01483 - 539421	F