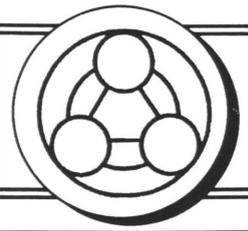


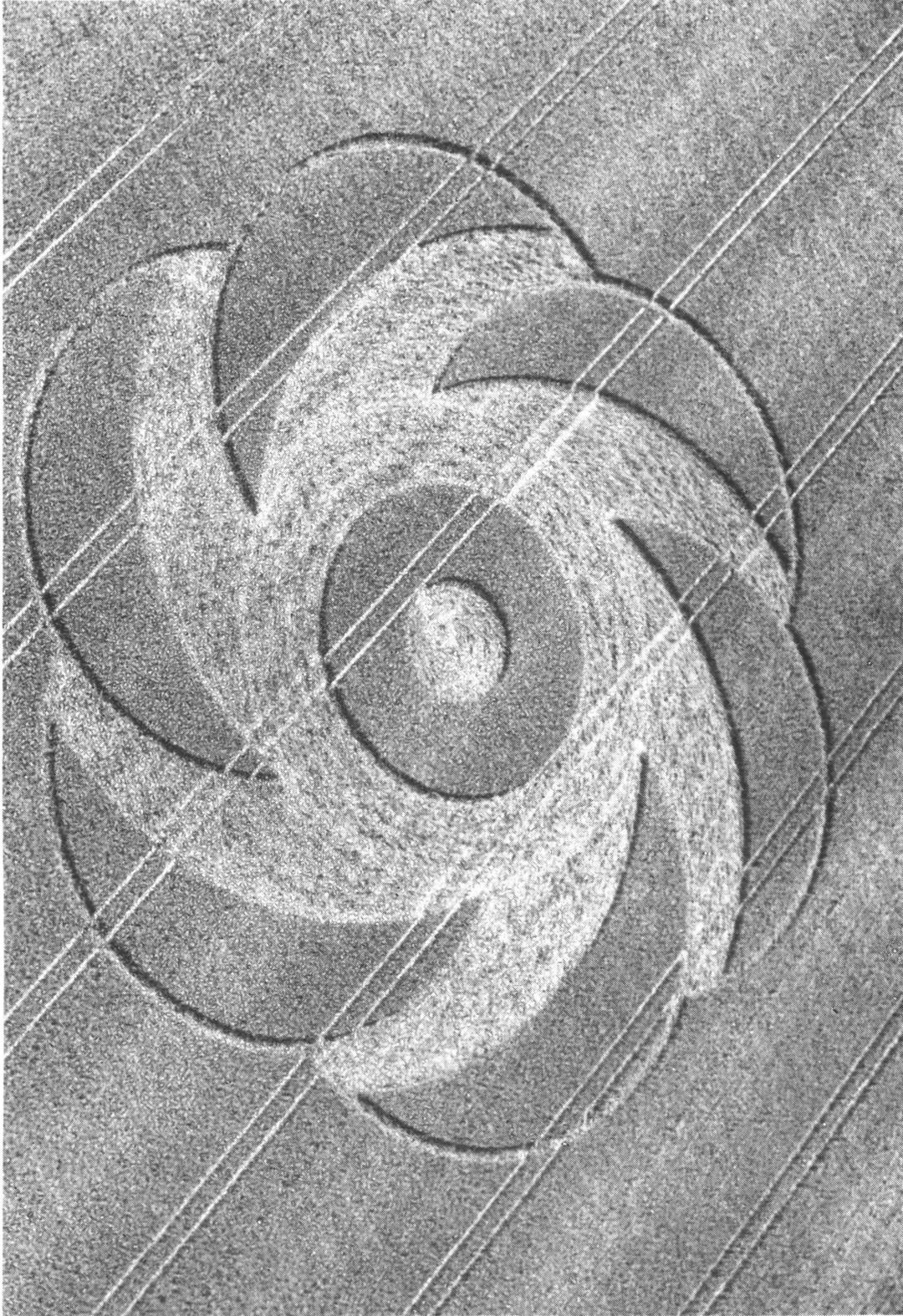
THE CIRCULAR



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THE CIRCULAR

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EDITORIAL

Well, here we go again. 1997 has opened with an early crop circle reported in Cornwall during February at a time when I was still tying up the loose ends on last year's formations in the UK. (170 so far and still counting). Perhaps this year is going to be a bumper year in the crop circle field. There can be no doubt that a greater number of people than ever before are showing an interest in the subject and it is down to all of us to make sure that we catch their attention before it dies from neglect and lack of cultivation. I have had a number of letters from Brazil where there seems to be a healthy mix of crop circle, UFO and ancient artefacts amongst the queries and interests of the correspondents. In some county branches there is considerable interest shown by the members at large, generally branches where the membership is very positive and is encouraged by a positive administration. Where the opposite negativity prevails, membership is falling off. I wonder if this is just a coincidence?

Hopefully, there will be details of a new initiative to investigate the mechanical strength of plant stems at Manchester University, a connection developed by Roy Dutton, newly elected chairman of the Devon Crop Circle Group who succeeds Steve Page who takes over from me as Convenor. I would wish them both well in this year's term of office.

I was just interrupted on the phone by Lucy Pringle, who enquired about one or two points.

"The Torpedo" Formation

This formation, that appeared on page 12 of issue 27, actually was in Wiltshire between Burbage and Fosbury and the Oxford Branch actually reported seeing it on the ground. Lucy had told me this, but the information fell into a black hole in my teeny weeny grey cells so I must apologise for the omission. Over-zealous cropping by the printer during composition meant that R D Blois's photo of the message "The Truth is Out There" meant that it wasn't - if you see what I mean. I will include it again for your information in this issue. She also remarked upon the less-than-perfect reproduction of the US formations on pages 16 & 17. This is due to the fact that these were rendered from colour photostats and so are far from ideal when compared with real photos. The interference patterns are very difficult to eliminate, particularly with groups of photos. Hopefully our American network will send us some "real" photos eventually.

India - The latest circle site?

I expect most of you will have heard that more than 2000 formations have been reported in India over the last ten years. Until we have more evidence, we must be cautious about these seemingly extravagant claims. We will keep you posted.

A Norwegian crop circle was posted to the Internet recently. A triple dumbbell of 100 metres that appeared overnight close to Raufoss during August of 1996 - we will try to get a copy of the aerial shot used in the Norwegian press. Apparently it was covered by the local TV media too.

Trying to sort out the 1996 data-base has illuminated a number of duplications and mis-identifications that has cut the list down to some 175 formations in the UK during 1996. Further reductions of those formations where no firm evidence has been forwarded to the CCCS data-base still leaves us with more than 160 formations, most of which we have reports and photographic evidence for.

The question of whether they are hoaxed or not is a completely different aspect and one which I have not been judgmental on. I am quite sure that most of our readership are adult enough to make up their own minds upon how they feel about any formations they may have encountered in the field, or within the covers of our magazine. There are those who believe every formation is genuine and those who believe every one is hoaxed. Fortunately the vast majority of us fall somewhere in between these two extremes.

The Annual General Meeting

The AGM looms on our horizon and I hope all you CCCS members out there are girding your loins to carry the torch into the next year! Seriously we need your nominations for Council and look forward to some new blood. If you have any recommendations for prospective councillors, or know somebody who would make an ideal area representative or Convenor, particularly in those counties and regions that don't at present have one, then please twist his or her arm into standing, or talk to Barry Reynolds (for his phone number see back page).

The date and venue are confirmed as Saturday June 6th at 11am at the Faye Deal Motel at Cholderton, just a few miles West of Andover on the A303. We will keep you posted and hope to see you there in force. It has been suggested that we hold it in June rather than April as is usual, this will allow more people to get there and might also present an opportunity to combine it with some circle visiting as well as an opportunity for those foreign members, who come to the UK during this period, to take a more active part.

There was news of some crop circles that were reported by flight crew many decades ago at various airfields in the UK. I hope we can get a report into a forthcoming issue. It is surprising how data about crop circles can surface many years after the event. In Devon we have had two early formations of the 1990 season appear lately. We are trying to track them down, but both are well attested and have supporting newscuttings so will probably be reasonably easy to confirm. An early one from Cornwall in 1989 or 1990 has also been noted - so hopefully that one will also be traceable and will find a home in our archive.

Footnote

Finally, we need some information from you. Have you any items of interest to impart? Have you got something to tell us about your encounters in a cornfield? (Sorry madam, crop formations only please!) Can you share an anecdote of a crop nature? Can you tell us what you would like to see in our magazine? If we don't hear from you, how can we get it right? Are you wired? Have you access to the Internet via a local cyber-café? How often do you use these facilities and would you like to see more of our material on the net? You could contact Andrew King and let us all about your preferences on: andrew.king@dhuru.demon.co.uk We could enter your email addresses on our data base and perhaps set up a base somewhere for you to access our membership secretary much more readily, gain access to the latest information, perhaps an extension to our hot-line service or keep you posted on the latest information, not forgetting the information already available at the Crop Circle Connector run by Stuart Dike and Mark Fussell on <http://www.marque.demon.co.uk/connector/connector.html>

Whereas the sceptical may, with a certain amount of justification, dismiss out of hand the results of the Human Effects reports as coming from people with overactive imaginations, it is more difficult to dismiss the evidence of rigorously conducted scientific tests. To be fair, I cannot dismiss the 434 reports I have received from people who have taken the trouble to fill in and return the questionnaires. I believe the majority are sober minded, level-headed people. I realise it can be a time-consuming and lengthy procedure filling in forms but they are of the utmost importance and are written with such amazing descriptive clarity and vividness, it is as though the contributors have painted a picture with words. There can be absolutely no doubt that these experiences are real.

The day dawned hot and sunny. Peter and Isobel arrived and set up control tests on the patio.....

Indeed I know from my own personal experience that there are many varied 'energies' in the circles that can affect people individually. Once you have had a personal experience there is absolutely no doubt in your mind that something out of the ordinary has happened to you for which you can find no other logical explanation no matter how hard you try. What are these 'energies'? It would seem likely from the work conducted by American biophysicist Dr Levenson and others that we are dealing with microwave radiation; the degree of MR activity will clearly depend on the exposure time, power density and frequency.(1) We know that MR affects the central nervous system which consists of the spinal cord, the lower brain and the cortex (try and imagine the central nervous system as being a giant electrical circuit constantly reacting to external conditions), but as yet little is understood about the function and interaction of MR with living organisms.

We know that some of the signs of MR exposure are as follows:

- a. distortion of sight
- b. taste
- c. smell
- d. audio (clicks, buzzing or chirps)
- e. temporary paralysis
- f. abnormal or post-menopausal menstrual bleeding
- g. drowsiness
- h. elation
- i. physical and mental disorientation
- j. mental clarity and physical well-being

You will note that there are contradictions in the above list which would indicate that a certain level of MR could have beneficial effects on certain individuals.

Much has been written about microwave activity but clearly much more research is needed, especially in trying to appreciate and assess the degree of disruption caused to the central nervous system by microwave activity.

E.E.G and E.S.R tests

With this in mind together with the mountain of reports describing altered states of mind and other effects listed above, I once more sought the help and wisdom of Peter Staples and Isobel Maxwell-Cade (Max Cade was a pioneer in the biofeedback technique and wrote ("The Awakened Mind"))(2), who have for four consecutive years lent their time, expertise and equipment to this research.(3,4,5)

Normally I inspect the formation that we have the farmer's permission to use, before tests are conducted. At the beginning of the year I had pondered on what might happen if we did our tests in an 'unfriendly' formation. I immediately dismissed this idea on the grounds that was unacceptable to subject anyone knowingly to possible ill effects, certainly not Margaret Randall

who for years has been our most important subject. She is a guinea pig with a London teaching hospital, her condition being constantly monitored.(6) However this summer was more chaotic than ever and I did not have time to carry out my usual reconnaissance. The search was on for an appropriate formation where we had the farmer's permission, that was reasonably new and that was not too far from London. I got word that a formation at East Oakley (The Mayan Symbol) met these criteria. The weekend was planned long in advance. Chad and Gwen Deetkin, Chad's sister Gisela Calabria, nephew Andre and Jim Lyons who were staying for the weekend, were to take part in these tests. Christopher Weeks and Margaret Randall were also going to

participate. Two days before the tests, Margaret telephoned to say she had inadvertently double booked and would not be available. I was dismayed as she

was our most important participant having been part of the tests since the inception, but nothing I could say could get her to change her mind.

The day dawned hot and sunny. Peter and Isobel arrived and set up control tests on the patio outside my house; after these were completed we had lunch at a delightful pub, The Plough at East Stratton. Our only complaint was a mass invasion of harvest flies (Thrips) that descended upon us as we ate our lunch beside the cricket pitch.

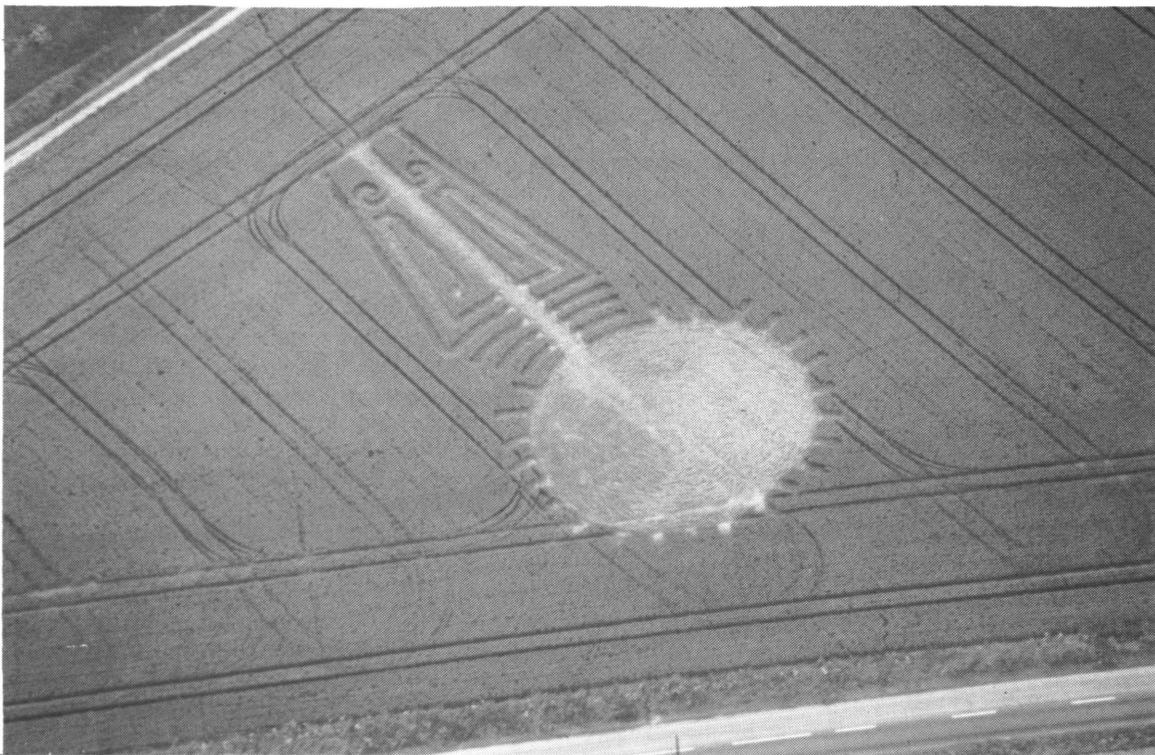
The formation was located in an obscure location and after acting as unsuccessful orienteer, I gratefully handed over the task to Christopher Weeks who, looking at the map the right way up, skilfully directed us to our destination.

We unloaded all the equipment and each carrying our share, entered the formation that lay in the apex of the field situated between the road and the railway line.

We all individually started examining the lay of the crop; after a very short time I felt extremely sick and lay down in one of the spurs jutting out from the main circle to try and recover. Isobel approached me requesting me to dowse as I normally do for the most auspicious place to conduct the tests. I rallied with difficulty and found one spot, just west of the entrance from the shaft to the circle. I then managed to bury my bottles, but was feeling so unwell, I had no great hopes of finding them again at a later date. As I was returning to the circle I noticed Gwen was missing; "She is feeling so sick she has gone to lie down in the car," said Chad. I looked around for Christopher and found him sitting in a huddle, pea green to the gills.

Gisela reported intermittent nausea; Andre giggled continuously for half an hour whilst being tested and reported feeling extra well before returning to normal; Jim Lyons reported feeling slightly nauseous at the head of the circle, despite experiencing a major breakthrough in reconciling his toroidal theory with linear effects; Chad reported "physical fatigue, mentally fuzzy whilst inside formation and for an hour or so after leaving". I observed Chad's biofeedback test in the formation; he was asked to think of his favourite place: instantly there was activity in the Beta, Alpha areas and to a lesser degree in the Theta, but almost as quickly this activity stopped and the light emitting diodes collapsed against the central stem as though there was no existing thought process activity. Chad found he was quite unable to sustain any coherent thought.

So what was happening to us? Peter and Isobel on analysing the results suggested that the following results should be viewed as demonstrative rather than "proof" in strict scientific terms that the crop circles can be an agent in bringing about changes in states of consciousness.



The Mayan Symbol

© Lucy Pringle

Measurements and what they can show

"In summary, the measurements of changes and responses in the body are used to appraise the corresponding changes in mental/emotional state. The basis for this correspondence is empirical - derived from many, many hours of monitoring people and relating their subjective accounts and the observable responses with these taken objectively from the instruments. We attempt to interpret such changes in psycho-physical terminology e.g. " shift from lethargic towards relaxed-and-alert" because these are more accessible than the physical readings from the meter scales. This obviously reflects a model of the psycho-physical responses with an objective consistency, and this was an important part of the work undertaken by Max Cade in the development of bio-monitoring method and implicit in these studies.

Watching the display of the Mind Mirror EEG for even a short period shows how rapidly and frequently the spectrum of brain wave activity can - and often does - change. The account given below is therefore a brief appraisal of the overall shift (or absence of such shifts) in the patterns of the subjects listed.

Our interpretation of the EEG patterns reflects a "hierarchy" of states of consciousness i.e. where each state has a greater level of awareness and responsiveness than the one below. Whilst there are appropriate situations for all these states, we are looking for an increase in the level of awareness and in the balancing of the activity of the two sides of the brain. This way of interpreting EEG patterns is described in the book "The Awakened Mind" by C. Maxwell Cade and Nona Coxhead.

Location

The location arranged by Lucy was at East Oakley in Hampshire. The crop formation is known as the Mayan Symbol. At this time, the crop was still green rather than brown. Our reference measurements were made at Lucy's house in Sheet, some miles away. This time the reference measurements were made in the garden rather than indoors. It was a warm day. The temperature outside in the sun in mid-afternoon was about 29° C. Our subjects were Christopher Weeks, Jim Lyons and two Canadians, Gwen Shrimpton and Andre Powell. Only Chris had been measured on previous occasions. All had prior experiences in crop formations except Andre, who was more than somewhat

apprehensive of both the crop circles and the bio-monitoring procedures.

Findings

The ESR and temperature are summarised as follows (higher ESR means lower autonomic nervous system activity):

Subject	ESR(left hand)	ESR(right hand)	finger temp(L hand)	at Lucy's - in circle.	at Lucy's - in circle	at Lucy's. - in circle
Chris	250K	400K	280K	350K	33.5°	34.5°
Jim	300K	600K	250K	450K	33°	43°
Gwen	180K	400K	250K	400K	34°	35°
Andre	250K	170K	250K	200K	34°	34°

Chris, Jim and Gwen showed a marked change in the ESR, with an increase of between 60% and 120%. This reflects less stimulation but a dissociation of the mental and physical activities - quite the opposite of the measurements of the previous year and perhaps an indication of a different "feel" to this formation. Andre, however, came more "alive" and energetic and his ESR decreased by around 25%.

Chris's EEG patterns were more balanced at Lucy's house than on previous measurements. In the crop circle, the right brain showed less activity - more "cut off" in the higher frequencies associated with expression of feelings - but with more left brain beta activity e.g. in intellectualising.

Jim's characteristic EEG patterns were unusual both at Lucy's and in the crop circle. He often showed delta and beta activity with very little activity but with the changes in the two types of activity synchronised - e.g. as soon as a stimulus appeared in the delta at the bottom of the spectrum, the beta at the top would also increase (both hemispheres). Isobel interpreted this as "simultaneous knowledge" or perhaps akin to an almost mediumistic state i.e. within the crop circle, and this pattern reflects a strong dowsing ability. This scenario was much more prominent in the crop circle.

Gwen's patterns in the crop circle were primarily in the lower part of the spectrum - delta and theta. These are characteristics of dissociated state (rather like sleeping) but which we interpreted as being less than comfortable - as if putting out feelers to try and make sense of things. There was some balanced alpha activity, but most of this activity would have been below conscious

observations. She seemed unable to access this mental fluency in the crop circle and she said she was on the edge of a migraine headache.

Andre had seemed to be less than wholly comfortable at Lucy's house. The left brain often showed alpha blocking e.g. with delta and theta present but a "fifth state" beta/alpha/theta pattern on the right. We interpreted this as though being "in part OK" but also wondering - "is this a good idea?". There were also high levels of beta - interpreted as over-excited or unsure. In the crop circle Andre's patterns were more balanced and generally improved with eyes open or closed.

Conclusions

The subjects responded in different ways in this crop circle. Chris, Jim and Gwen all showed a reduction in activity in the autonomic nervous system whilst still keeping the peripheral temperature up - which is normally interpreted as more relaxed. The brain patterns seemed to show more dissociation e.g. less "struggling to maintain balance". With Chris this was more apparent in the beta activity; with Jim - in the direct link between the delta and beta, and with Gwen in the increased delta and theta activity. We suspect our subjects this year were innately healthy and used to "getting on with the job" under adverse conditions. In other people, I would expect a fall in peripheral temperature - "a withdrawal of energy" from the situation by the immune system. These states would prove draining if maintained for too long.

Andre, however, seemed rejuvenated and was revelling in the experience of the circle. This circle had a rather different and less clear effect than our experiences in the previous three summers. Whether by choice or fortune, Lucy had picked a formation which did not have the "friendly" reputation of the formations of earlier measurements and this seemed to be borne out by our observations with these four subjects. We noticed that the subjects were uncomfortable in some parts of the formation and avoided these areas for the site of our measurements. Perhaps the influence of the formation was powerful but discordant - but for Andre this was the stimulus for a shift to "fifth state" awareness which encourages creative inspirations and personal knowledge." It is interesting to note that the tests revealed the discomfort and disorientation felt by everyone apart from Andre, Peter and Isobel. Two weeks later I returned to the formation with psychologist Dr Marianne Krull and researchers Shelley Keel and Pam. None of us suffered any ill effects and all the bottles were retrieved.

Minerals and Vitamins

I have been researching this phenomenon intensely for 7 years during which time I have entered at least 300 formations. It therefore occurred to me that it might be possible to monitor any physical changes occurring during the crop circle season. Ann Smithells of Biotech Health and Nutrition Centre, Petersfield, gallantly came to my aid. Using a well tried and tested Listen system she is able to scan the body for food sensitivities and mineral and vitamin imbalances. On 24 April 1996, Ann tested me for mineral and vitamin levels and found that I was low in Hydrochloric Acid, Magnesium, Vitamin B5 (Pantothenic Acid) and Chromium. Apart from that I was pretty much Mrs Average walking in off the street, slightly stressed. (So what's new!)

On 18 September, five weeks since I had last been into a formation, I was tested again. This time the test showed a substantial drop in both my vitamin and mineral levels which led Ann to suggest that I was badly undernourished! "as it is unusual for these levels to drop this low so quickly unless you are on a very poor diet". I am very careful about eating well, using fresh vegetables and fruit at all times; in summer we have an abundance of these; my diet therefore if anything had improved due to fresh food availability.

So what is the answer? I have unsuccessfully tried to find any mental, physical or emotional explanation. Yes I have been feeling tired but then I am told I regularly pack more into 24

hours than most people do into a week; that is normal for me and the way I am made.

Could this substantial drop in mineral and vitamin levels be due to visiting so many circles or is it as a result of the long hours I spend in them conducting my research? Could it be that just one formation be held responsible? I can recall two formations that I found particularly draining this summer. Ann is kindly going to monitor me this winter.

Once more these results cannot be regarded as proof in the strict scientific sense, but I believe they are indicative that the effects of formations could be seen as interacting agents and again I would stress that if you do not feel well whilst visiting a formation, come out and if you are pregnant or thinking of becoming pregnant, do not go in.

Michael Newark who also spends much time in the circles tells me he has been feeling exhausted and drained and that any bursts of energy are short lived. I do not wish to be alarmist, but would suggest that if you are a frequent visitor to the formations, spending long hours in them, you should get yourself checked regularly. Since starting to write this report, I have recently returned to Ann Smithells, who on 14 January 1997 kindly conducted a follow-up test. As soon as I entered her rooms she remarked how much better I looked and indeed this was confirmed by the tests. I AM NOW BACK TO NORMAL.

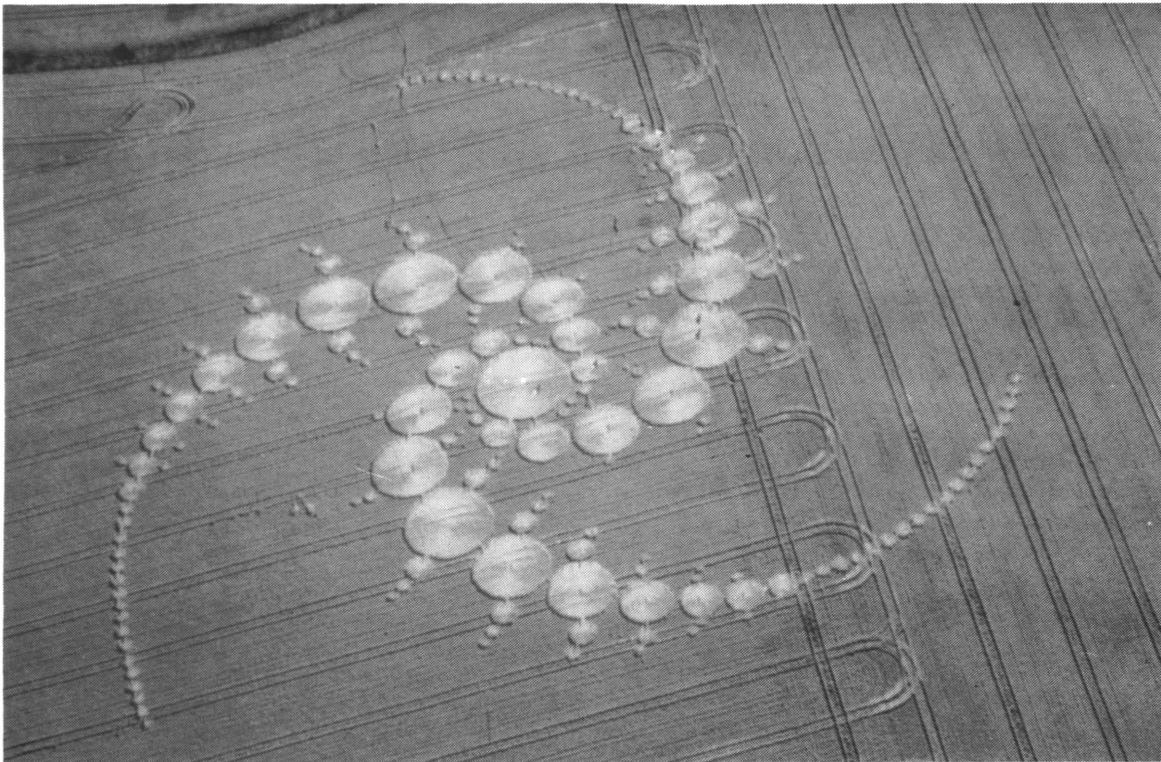
The big question for 1997 is - do I try and repeat the tests this summer and risk possible exhaustion and debilitation due may be to certain crop circle energies, and try to continue carrying out a hectic research, lecture, aerial photography and writing schedule, or do I take massive vitamin supplements from the start of the season onwards to prevent this lowered condition? Clearly for any tests to have scientific validity, they must be repeatable, but is it worth risking one's health to such an extent? If I were a teenager with a rapid recovery ability, I would have no worries or hesitations.

We are all on a tremendous learning curve, investigating areas not previously studied. This can only be regarded as enormously exciting not only in scientific terms but in making us aware that there is an ocean of knowledge and wisdom still eluding us. This knowledge is inherent in nature and it is to nature at its most profound and spiritual level, that we must look for the answers.



Lockeridge Wilts. 10th July 1996

© Lucy Pringle



Triple Julia Set. Windmill Hill 1996

© Lucy Pringle

Water results

Nothing has happened to change my belief that certain formations may have homeopathic qualities and to that end, my final area of research continues: burying 20 ml bottles of water, (all taken from the same source) inside formations and control samples outside the formations, to see if when analysed, there is any change in the structure of the water. Many of you will be familiar with the results from experiments conducted by Dr Cyril Smith and Dr Levengood, both of whom found significant changes respectively in resonances and bacteria levels. But as happens oft-times with science the wheels move slowly and one has to return to the drawing board to re-think and restructure techniques and procedures. At times I almost get the impression that the 'force' does not wish to be pinned down by scientific analysis and is trying to avoid all our concerted efforts.

Last September I devised an experiment in which Dr Jacques Benveniste was to analyse bottles that he would send on to Professor Joan Davis in Switzerland, who in turn, after analysing them using her technique, would send them to Dr Cyril Smith. If they all revealed substantial changes between the samples buried inside and the samples buried outside a formation, it would have been a major step forward. However the best laid plans of mice and men do not always materialise: the bottles arrived with Jacques, he was busy over the winter and in the spring moved laboratories: "The bottles are not lost. I wrapped them up myself, but I cannot find them".

However he most generously agreed to test samples from 1996 and then send them to Dr Cyril Smith for analysis. Unfortunately Professor Joan Davis is unwell so cannot be part of this experiment.

The results from Jacques Benveniste have just arrived and are as follows.

Results of Jacques Benveniste's tests

Four samples of water from the crop fields were tested. Two bottles, came from inside formations and two were control samples. The formations tested were the Mayan Symbol at East Oakley and the Triple Spiral below Windmill Hill.

These tests were carried out blind, using the well known classical Langendorff method using Krebs-Henseleit buffer. Jim Lyons has kindly helped analyse these results and suggests that "this

method is to test the effects of potentised water on living tissue, the target in this case being the hearts of suitably immunised guinea pigs. This is a method of identifying directly the effects of the presence of subtle energies on living tissue. Heart rate is usually an indicator of the level of energy present. This technique appears to measure percentage variation between a control sample of water flow and a potentised one".

In these tests there is a 10% variation. Most controls are below 6%, so between 6 & 10%. Dr Benveniste suggests "that something may be happening and we repeat the measures".

Bottle No 018 was the control sample buried in the same field but furthest from the Mayan Symbol formation.

Bottle No.022 was buried in a shaft jutting off from the Mayan Symbol.

Bottle No 030 was the control sample buried in the same field but furthest from the Triple Spiral.

Bottle No 034 was buried in the centre of the centre circle of the Triple Spiral.

The results were as follows:

Bottle	018	022	030	034
	4.1	2.7	17.1	11.3
			26.7	

So taking 6% as the threshold percentage, you will now see that whereas both samples from inside and outside the Mayan Symbol were below 6%, both samples from inside and outside the Triple Spiral were above 6%. The sample inside the centre circle showed increases of 51.3% and 136% over the control sample.

According to Jacques "sample 034 is clearly positive and sample 030 very positive".

Jim Lyons comments that "Although these represent a very small experimental sample, the fact that there is very good compatibility between results based on well proven experimental protocols is very comforting. This has been shown for the soil tests which were also an attempt to find a measurable effect in subtle energy affected by living matter and aura dowsing tests which are based entirely on potentised matter due to subtle energies. In all cases the matter, be it water, seed head or soil,

acts as a storer of this energy. Together with Cyril Smith's stored frequency results (7) it shows that we have a technique which can be further developed to provide full energy spectrum results for the crop or soil."

I am greatly indebted to Dr Jacques Benveniste, as I am also to Drs Cyril Smith and 'Lefty' Levengood. It is hugely cheering that the water tests undertaken by Drs Smith and Levengood also showed significant anomalies using different well tried methods. Clearly there is need for further research in this area which may give us additional understanding of the manner in which electromagnetic fields affect all living matter.

Here follows an addendum from Lucy:

Water sample results from Dr Cyril Smith

I have just received the keenly awaited results of the water samples first analysed by Dr Jacques Benveniste and subsequently sent on to Dr Cyril Smith for his analysis using his well tried and tested Resonance Technique (8)

The frequency results are as follows:

Tube 022 +1.15kHz only

Tube 018 +10.5kHz, -1.1MHz +15.4MHz

Tube 034 +8.5Hz -14Hz +10.5kHz

Tube 030 +8.5Hz -14Hz +10.5kHz

You will note that the frequencies from tube 034 and 030 are identical, thereby supporting the theory that 030 (the control sample buried after the sample buried inside the formation), had taken on and retained the frequencies present inside the formation.

Also tube 018 buried inside the Mayan Symbol where we all felt ill, has taken on certain frequencies.

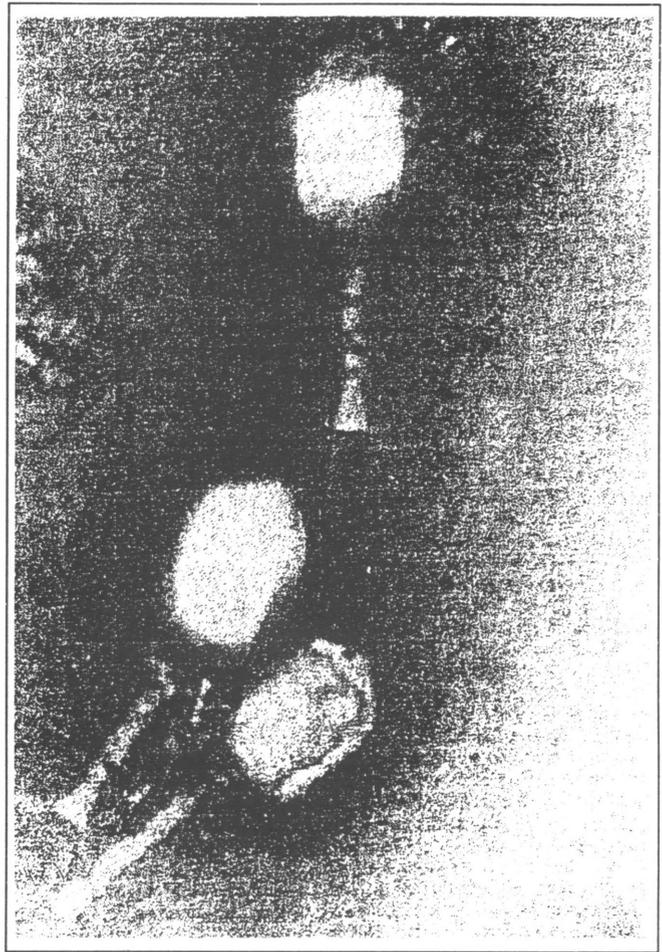
Dr Cyril Smith tells us that "...of significance is the frequency 10.5 Hz common to three samples. This could possibly be a network navigational frequency or a frequency for communicating with submarines while submerged. The frequencies 8.5 Hz might be residues of malathion or endrin. The frequencies 14 Hz might be residues of PCB's (polychlorinated biphenyls). The frequency of 1.1 MHz covers many local radio stations on medium wave band. The frequency of 15.4 MHz is in the 19 metre short wave band".

After receiving Dr Smith's results I wrote to him describing the placing of the bottles and the locations of the formations. I enclosed photographs of the formations involved, to which I received a most intriguing response.

"I wonder whether what you are looking at is a much magnified representation of a virus present in the crop, soil or pests. I note that both the fields had been sprayed according to the wheel marks left in the crops. I suspected this in my results for the triple spiral.

"Most plant viruses are rods (straight or curved), rings or faceted spherical shapes. The enclosed copy of a bacteriophage is quite like your Mayan Symbol. If the whole field was infected and crops or parasites hypersensitised into coherent activity by these neuro-toxic chemicals, it seems to me a possibility that there could be a sort of holographic reproduction of a uniformly distributed virus magnified in the ratio of the velocity of light (300 Mm/s) to the velocity of coherent waves in air (0.5 m/s) that is 6×10^9 times.

Viruses are between 30-300nm in size, this magnification would give a reproduction sized 180 - 1800 metres, consistent with your 1000ft. If the coherence waves were propagating in limestone



Negatively stained T4 bacteriophages partially disrupted by method of preparation x 139,000.

(the nearest thing measured), their velocity would be about 0.8m/s and the ratio would be 3.7×10^8 resulting in an image size between 11 - 110 metres. Water would give something nearer to 3 - 30 metres.

I shall be interested to learn what your pundits think of this possibility."

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It was with very great sadness that I learnt of the death of Julian, elder son of my friend and colleague Diana Clift. Julian died tragically in January. A delightful and talented young man, a scientist, actor, musician and poet with a brilliant career ahead of him. Our very great sympathy and love goes to Diana and her family.

CIRCLE MAKING DEVAS

by Oriole Parker-Rhodes

In issue 26 I described a model based on particle physics and inspired by the teachings of Alice A. Bailey. It gives a physical structure for things we do not think of as physical or solid, like feelings, thoughts and the crop circle makers. It proposes that the solid physical world is but one of three levels of existence. Sub-atomic particles occur in three generations, but the two "higher" generations of matter can interpenetrate the normal physical, and are usually imperceptible. I suggested that they give a "physical" form to everything that cannot be defined by reductive science. The second generation of particles could actually make short-lived "forms" that embody the emotions, these could embody the forms that cause telepathy. The third generation provides a "physical", even more short lived vehicle for thoughts. It also provides a whole new framework in which to study paranormal phenomena, and gives a physical form to the crop circle makers.

"A Treatise on Cosmic Fire" by Alice A. Bailey goes into much detail describing devas, a group of which could be the crop circle making beings. In that work, transcribed telepathically early this century and first published in 1925 by the Lucis Press, there are many complex subdivisions of devas. The simplest is threefold: Agnichaitans, who belong to the physical plane, Agnisuryans of the astral or emotional plane, and Agnishvattas, that embody thought and mental activity. This division corresponds directly with the model I proposed in the last issue. It personifies the forms made of the other generations of matter. The physical plane devas are "elementals" and are made of etheric matter, which is invisible but closely connected with the ordinary physical.

Devas may also be divided into two major groups, evolutionary and involutory. Involutory means becoming more involved with physical matter, they are elementals, working on the physical level, a subgroup of which is described as white. These are the ones that concern us, because they preside over the atmosphere and the water of the world. They are described by Alice Bailey: "White devas are elementals. They are the negative aspect of force . . . recipients of energy or force. In their totality they form the great Mother." "The white devas of the air and water who preside over the atmosphere work with certain aspects of electrical phenomena, and control the seas, rivers and streams."

Devas are a parallel evolution with ourselves. You could call them nature spirits, in that they are generally attached to plants, places and phenomena like the weather. It could be, that like the human race, they are experiencing an evolutionary boost. People are feeling it as raised individual consciousness and the rapidly increasing capacity for group consciousness.

One can imagine a white elemental deva, a weather deva, familiar with acting within normal meteorological constraints, learning to add some creative artistry to this, particularly when working with vortices, which are small and localised. Terence Meaden's theory may have been correct initially, but the devas have learnt greater control of the natural forces available, and have manipulated them beyond the former constraints of nature.

Early man might have used charcoal on a rock, or scratched patterns in the sand with a stick and developed this simple creativity into art, using many media. In the same way the devas are developing their creativity, as we have seen in the continuing elaboration of the patterns. Crop marks of random form have always been evident, to the annoyance of farmers. Some are simple chance flattening caused by the wind, but some are much more precise, like the dragon's feet marks. In the same way that a smoker might play with producing smoke rings instead of allowing the smoke to rise naturally, so a deva might play with

a naturally produced whirlwind, or gust and form patterns with it. The more creative devas might be attracted to idea of producing artistically formed patterns, and through experience learn to do this with increasing accuracy and skill. The attention of humans on this activity could act as encouragement. Indeed, communication with people may be motivating this creativity. In the same way that people are learning through meditation to enter the astral world purposefully, the devas could be developing the manipulation first generation matter accurately.

AAB has said that some of the devas are becoming closer to humans: "These devas . . . are so closely connected with man that one of the immediate developments ahead will be his awakening to a realisation of their existence, and his consequent gradual domination of them." "Man aims at self control. Devas must develop by being controlled." This suggests that until they develop an awareness of us, their consciousness may be of such a different nature that they could affect us very strangely.

Alice Bailey says the means for this communication is ritual. This magazine has reported several individuals and groups who have found they can encourage the formation crop patterns of particular forms to particular places by meditation. It will be interesting to see how the experiment with predicting the formation of crop patterns has gone. Some devas are said to be associated with sacred places. Earth energies connected with ley lines and ancient sacred sites are widely thought to be involved in crop pattern formation. This would imply co-operative work between different classes of devas.

Andrew Collins describes in "The Circle Makers" a dramatic event when he and some friends performed a dawn ritual at the Nine Ladies stone circle in Derbyshire. For 45 seconds during their meditation a freak electrical wind caused a violent upward air current. This was quite unforeseen, and fortunately did no harm. However there are various warnings related to working with devic forces. Helena Blavatsky has said that "the elementals of the air are the most wicked and dangerous." In "A Treatise on Cosmic Fire" She says;

"The devas are the mother of form, but the self conscious unit, MAN, should realise his independence of the form, and should follow the path of self expression. This should be pondered on, for in days to come (when units here and there contact the devas, and inevitably pay the penalty) it may be helpful if the reason is understood, and man realises his necessary separation from the Essences in the three worlds (physical, emotional and mental) Approach between the two lines of evolution becomes possible on the plane of buddhi, but then it is an approach of essences, and not an approach of the concrete to the essence. Man, while functioning in material, substantial forms in the three worlds, may not trespass across the separating line between the two evolutions. Only on the planes of solar fire or on the cosmic etheric levels may contact be permitted; on the planes of the cosmic dense physical (our mental, astral and physical planes) disaster only results from contact. I have dwelt on this point, for the danger is real, and near at hand."

"A white magician can control and manipulate deva substance, and he proceeds to do it through an intelligent co-operation with the greater builders. Owing to the purity and holiness of his life, and the height of his own vibration, he can contact them in some one or other of their grades." This can be understood to mean that we should not work with the devic forces directly, but through higher plane intermediaries.

The difficulty of contact with this whole parallel world of beings seems to be that their natures are so different from ours as to be incomprehensible and unpredictable. They are not

likely to share our social codes or morality. What Blavatsky describes as wickedness is probably to judge in human terms. It would appear from the work of AAB that they function in a hierarchy, taking orders from their superiors. It is those superiors we are exhorted to work with. Myths and legends suggest that the involutory elementals have little respect (or understanding) of human values. Perhaps this is reflected in the legends about those mischievous fairies that offer three wishes to an innocent person. The wishes are granted, but so literally that the beneficiary usually regrets having accepted the offer.

I would guess that in practice the safest way to work with the devas that produce crop circles is as a group whose motives are to do with progress and evolution. Group work is much safer than individual work, it is easier to touch the buddhic plane in loving, aspirations co-operating with others. Alice Bailey's words above suggest also that the group should be composed of those who have enough experience of meditation and spiritual work to be able to work consistently with the positive side of nature. It is wise to always ask the evolutionary forces of goodness for protection, and to dedicate the work to peaceful progress. Where the motives for communication are self-seeking or to do with personal pride the dangers are increased.

The CCCS survey done by Diana Clift on the feelings and experiences people had in crop circles shows that individuals reacted very differently to this devic. This could perhaps be explained by the resonance the individuals have with devic force generally. Perhaps those who are outside a lot and enjoy the natural world feel uplifted, and even healed by the presence of the circle making devas, with whom they have an affinity, and those who are more estranged from devas find them oppressive. The dangers of "circle sickness" were noted by Simon Burton in his article in *The Circular* of Winter 1995. In that article he related it to the "Orgone" energy of Wilhelm Reich, which could be the very same as the second generation of matter. His mention of the creation of "melanor" (black magnetic spheres of iron oxide) sometimes found in crop circles, is very interesting. Where it comes into the picture is uncertain - suggestions welcome!

Devic forms, or the feelings and thoughts that they make, exist around us, and within us all the time. They are seen by clairvoyants as auras, for example. Individuals seem to interpret what they see differently in terms of colours and forms.

Clairvoyance has been rubbished because different people perceive different things at the same time, but that difference is likely to be in the mind's interpretation. The perception of the subtle worlds need not be through the visual cortex. They are interpreted through other senses too, or direct into the thinking mind as "direct knowledge". We receive information of the ordinary physical world from our five senses. The astral plane and the world of feeling are perceived through more subtle senses, the quality of such perception and their interpretation varies widely between individuals. On this plane the objects perceived are nebulous forms made of devic matter of the second generation, called agnisuryans by Alice Bailey. I suspect that when someone clairvoyantly sees an angel, they are seeing some subtle matter, and the effect it has on their feelings or mind causes them to interpret their vision in that way. On the third plane of thought, we perceive agnishvatas in subtle and often unnoticed ways, like getting an idea, imagining a visual image or concept.

Presumably clairvoyants see the crop circle devas. Certainly contact and communication has been made with them. Anomalous light effects are frequently reported in association with the formation of crop circles. This could be the Cherenkov radiation produced by the breakdown of high energy matter to a lower vibration. The reduction in vibration would be necessary for the deva's interaction with the normal physical world. In effect, the form of the deva is temporarily made visible, or partly visible. Sometimes these are seen by many people, and are

clearly objective, on the physical plane, sometimes they are caught in photographs but not seen by the photographer. I hope that George Bishop will elaborate on these phenomena in *The Circular*.

In issue 26, I suggested that thought-forms, of third generation matter could possibly transcend time. It has been pointed out to me that the matter of any generation cannot travel faster than the speed of light, so are all within the context of normal time. Light can travel very fast however. We do not know how fast thoughts or feelings may travel, telepathy is usually experienced as instantaneous. It would not be hard to measure the speed.

Irvine Lazlo has explained that if two people are emotionally close, or linked through intent, it is apparently easy to show how their brainwave patterns entrain with one another's. If one of a pair (who are consciously aware of their subtle connection) is stimulated, say with a flash of light, the brain wave change he/she experiences, is also observed in the pattern recorded for the other person who is elsewhere. Such timing of the changes can be measured extremely accurately. Such work could develop into research into any factors that might change the speed of reception.

Alice Bailey in "Telepathy" says there are three sorts of telepathy: instinctual, mental and intuitional. The instinctual is the commonly experienced mode. Whether these three relate to the three generations of matter is an interesting, debatable question.

Other paranormal effects like ghosts, out of the body experiences, astral travel and healing, as well as more mundane but interesting subtle interactions can be explained by this model. These areas do not really belong in this magazine, but I would be most interested to hear further ideas from readers.

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- p 496: "Only when atomic energy is better understood and the nature of the fourth ether somewhat comprehended, shall we see that control of the air which lies inevitably ahead.
- p 645: Some agnichaitans "manifest as physical plane electricity."
- P 936: [agnichaitans] build the etheric body.
- p 474: "The immediate effect of this greater etheric energy will be numerically larger number of people will possess etheric vision, and will be able normally and naturally to live consciously on etheric levels the effect of forcing them to recognise that which is now called the "unseen world", or the super-physical. Men in their etheric bodies will be noted, and communicated with, and the devas and elementals of the ethers will be studied and recognised. When this is true, then the true use of ceremonial ritual as a protection and safeguard to man will assume its rightful place." . . .



Southease 1995

A new classification scheme of crop circles

© in 1996 by Jens Rowold

1. Introduction

Shape of rotation	Psychological indication
Clockwise rotation, round shape	Open chakra, harmonious
Clockwise, elliptical shape (to the right)	Open Chakra. Active/receptive split with active side of personality more developed than receptive. Perception of reality biased toward active, masculine or yang side of dualism.
Clockwise, elliptical shape (to the left)	Open. Active/receptive split with receptive side more developed. Perception of reality biased toward receptive side of reality.
Clockwise, elliptical shape (vertical)	Open. With some upward displacement of energy toward the spiritual to avoid interaction with people.
Clockwise, elliptical shape (horizontal)	Open. With some compacting and holding down of energy to avoid energetic interacting with people.
Counter-clockwise	Closed and inharmonious, with active projections of reality.
Swinging vertical shape	Moving feelings and energy towards the spiritual to avoid personal interaction.
Right swinging shape	Severe aggressive/passive split. aggressive side more developed than passive.
Pointed shape	Chakra not functioning at all, will lead to pathology in physical body.
Clockwise, elliptical shape, axis shift	Tremendous change taking place in person who is actively and deeply working on the issues involved. Sensitive chaos.
Counter-clockwise, elliptical shape, axis shifting	Same as above, but with negative chaos.

2. The flow of the crop

Let's start with the flow of the crop. As one can see ¹ there are several types of flow in the crop circles. Sometimes the flow is clockwise, sometimes anti-clockwise, and there are many, many other types of the "design" in the layering of the crop. Now, the flowing of energy in the chakras is exactly the same - there are also several types of flowing patterns, sometimes clockwise, sometimes anti-clockwise! A good overview of this can be seen in the excellent book from Barbara Ann Brennan: "Hands of light". Mrs Brennan, who can see the aura, is always observing the chakras while she is giving healing to another person. By this method she can say what is wrong with this person's health when she observes certain patterns of movement in the chakras.

Generally one can say that the chakras are working well - that is, they assimilate enough life energy - when they are rotating clockwise and in a full circular shape. If the chakras are not rotating harmoniously, they won't have the shape of a good circle or turn anti-clockwise.

Here are some examples of how Mrs. Brennan gives a diagnosis of the chakras.² We should know the patterns of the movement of the chakras from the crop circles.

Especially the two last definitions remind me of the effect we can often find in crop circles. It may be found that the geometrical centre of the circle is not the same as the true centre of the laid crop. That means, in some crop circles we find something changing. They are not something static, but they give us information about the energy flow of the landscape of England, and probably more. One way to find out is to enter the fields and try to get information about what the rotation of the crop means to one's own chakras. Everyone can feel it, mostly with the palm chakras - or with the whole body.

The inhaling and the exhalation of life energy is made through the chakras, as we have seen. So there can be two ways of exchanging This subtle energy: clockwise and counter-clockwise. The effect has been often described. Take Victor Schauberg, for example. His research of movement of the water led to the fundamental distinction between the two ways of energetic moving.³

Many people who are interested in crop circles have felt something of the different kinds of energy that exist inside the fields. For some people it is dowsable, for others it is just "detected" with the whole body, it is simply *felt*.

So what are these energies? Can we classify them? Are we able to find a scheme? What I am trying to do is to connect the crop circles (and their shapes) with the system of the *chakras* to build a new classification. The chakras are locations of energy-processing, inside the human being and inside the earth, too. It is often said that Stonehenge is the fifth chakra on the planet Earth.

Man has got seven chakras running along the spine. The "life-energy" or "prana" is assimilated through these chakras and after that it is being processed. This processing has an effect on health, thoughts and feelings. To put it in simple words, the chakras take in a felt energy or a thought.

The chakras are in fact very fundamental so that they are a revolution in science and in the perception of everybody. They have been researched in the so-called "Hunt-Study". There are some people who can see or feel the chakras and the energy field that surrounds the human body - the aura.

¹ Pat Delgado, Colin Andrews: Circular Evidence

² Barbara Ann Brennan, Hands of Light, p. 84, with little changes

³ Viktor und Walter Schauberg, Zusammenfassung ihrer Aussagen zu Natur.

Wissenschaft und Technik, 1991

Olol Alexandersson: Lebendes Wasser, 1993

Another person who made this kind of distinction was Don Juan, the famous teacher of Carlos Castaneda. This shaman could actually see the life force being either clockwise in nature or counter-clockwise.⁴

With these ideas I started to go on with my research, and now we go to a numerical analysis of the crop circles. I will try to assign certain types of shapes of crop circles to the chakras.

Comparing the chakras one to another, we can see that they look quite the same. Going up the spine, and in doing so going up from chakra number one to seven, the frequencies of the life energy processed are increasing. The first chakra is working with the long waves of the colour red, and the seventh chakra is dealing with white and the brightest colours one can imagine.

But when they look the same, how can they deal with different types of energy? The answer is: they are built up from different numbers of *sub-chakras* or *vortices*. As the frequency is increasing, the number of vortices is also increasing.

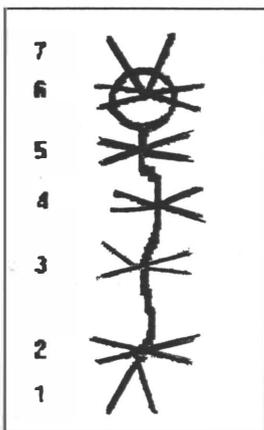
3. Classification

The following is an overview of the chakras of man with their number of vortices.

**Chakra Number of At the "double chakras"
Vortices Sum of Vortices**

Chakra	Number of Vortices	Sum of Vortices
1	4	-
2	6	12
3	10	20
4	12	24
5	16	32
6	96	192
7	972	-

There are some chakras, like the middle chakras, which are "double chakras". That means that they are heading to the front of the body and to the rear of the body. The first chakra is just pointing towards the earth, and the seventh chakra is pointing to heaven. To the left is an overview which contains the spine, and the "single" and "double" chakras emanating from it.

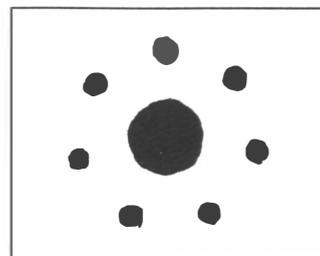


As you can see in the table, the sum of the vortices is being calculated from the number of vortices in the rear and in the front. For example, the fifth chakra (the one in the larynx) has got 32 vortices, that means 16 in the front and 16 in the rear. The chakras are connected to each other via the spinal cord, and especially via the subtle energy

channels inside the spinal cord.

One of these energies is the kundalini, and another is the not so well known Hara-Line. This line, according to Barbara Brennan,⁵ is running a long way from the centre of the earth through the first chakra, then through all the chakras, and after that out of the head where it ends in the Higher Self.

This formation from Bickington, 1990, gives us an impression of what it all looks like: we have got seven circles



- like we have got seven chakras - and they are centred around the Hara-Line in the middle. There is a lot of energy-exchange via the channels of subtle energy in the spinal chord. One should not confuse this with the better known "Meridians", which carry the life-energy through the whole body, mainly on the skin.

a) The first chakra

Let us start with the chakra, from which we get our life force from the nature and the earth. It is the first chakra which consists of four vortices. In the middle of these four vortices there is the Hara-Line, and together we have the first chakra, connected through the Hara-Line to other chakras. And that's exactly how the famous "quincunx"-formations look like, starting from the first years of the phenomenon.

b) The second chakra

The second chakra is connected with the hips. It has got six vortices. Because of this it is possible to assign it to the six-petalled flowers from 1991. To the left is the one from Chilcomb Down.



The Indian symbol of the second chakra is a crescent. And of course, this has also been seen recently in many crop circles.

One example of this was the beautiful formation at Oliver's Castle in 1994. There are many other formations which have got the symbol of the crescent in it. We will see later what can be done with that kind of thing.

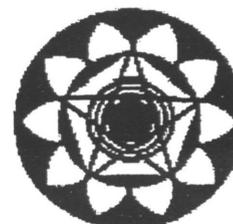


c) The third chakra

It is built of 10 vortices. A very beautiful formation, which has got also 10 elements, was the so called "Spiders-web" from Avebury. That's the way a clairvoyant may see a third chakra from the front, with sub-elements, which forms the shape of the chakra. In the middle, we have a Hara-Line centring the whole crop circle.



A little more simple is the formation from Bythorn, 1993. It had not only 10 elements, but also an old "magic" symbol, the pentagram. And this was to be found in another crop circle at Uffcott, in 1994. Here we saw two pentagrams, which form together the 10 elements of the third chakra

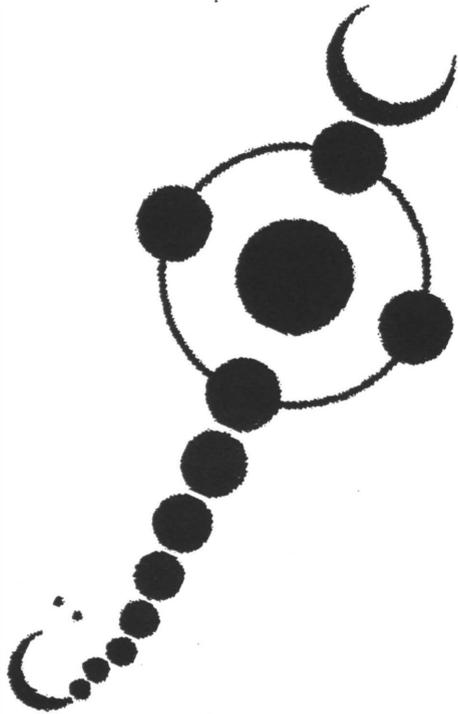


⁴ Carlos Castaneda: Tales of Power, 1974
Carlos Castaneda: The second ring of power, 1977

⁵ Barbara Ann Brennan, Light Emerging, p. 287

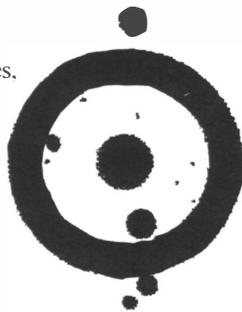
d) The fourth chakra

This chakra, the heart-chakra, has got 12 vortices, and as we see in the "scorpions" from 1994, which have often got 12 or 13 single circles, we can connect them with the fourth chakra. The thirteenth circle is the Hara-Line, again. This is the first time that some kind of spiral can be seen, because the circles are lined up in a spiral-like way. As was stated before, the way the energy is flowing into the chakras is also spiral-like.⁶

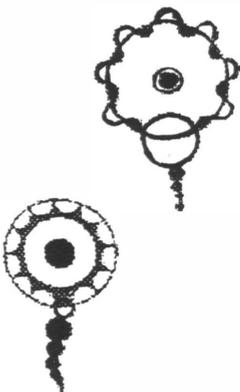


The crop circle from Barbury Castle, 1994, may give us an example. It has got 12 circles. So far, so good. But it also has two crescents, which we can now assign to the second chakra. So this crop circle is an energy exchange between two chakras, which are assigned to the feelings. The second chakra is responsible for the feelings concerning one's own body, and the fourth chakra is the one for the feelings towards other people.

What really surprised me was the formation from Bayard Hill, 1994. Altogether we count 12 circles, but these circles are not lined up in one slightly bent line, but are in the "normal" design of one main circle with several attached circles. It is an extra-special interpretation of the heart-chakra.

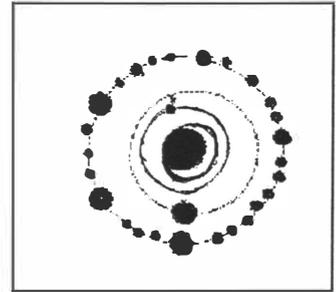


e) The fifth chakra

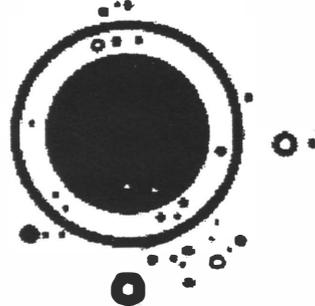
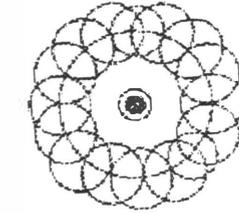


After the fourth chakra the next one in line is the fifth chakra, of course. Let's start with the Cheesefoot Head formation, the Jelly-fish" of 1995. It had 16 semicircles in the outer ring, like the fifth chakra has got 16 vortices. The most brilliant thing is, that it has got an appendix, which has got the same shape as the "scorpions". This is also true for the formation from Danebury Hill-fort. I assigned the fourth chakra to the "scorpion"-shape formations.

Well, I think that we can see here an energy flow from the fourth to the fifth chakra in these two crop circles! At Gander Down, near Alresford, there was a formation with 32 circles. The sum of the front and rear vortices of the fifth chakra is also 32.

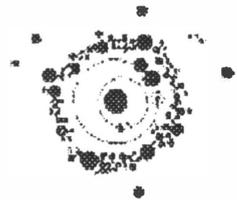


This crop circle from Goodworth Clatford seems to be just a "simple" fifth chakra, because it has no 'appendix'. In the very centre there is the Hara-Line.



f) The sixth chakra

Absolutely elegant is the crop circle which appeared at Langton Herring in 1994. It has the Hara-Line in the middle, represented as usual with a big circle. Then there are the 32 little circles surrounding it.



To the left you can see one of the "asteroid belt" - formations from 1995. It has got 96 little circles. As you can guess, the sixth chakra has got 96 vortices, too. As far as I know there are not many formations which do not have not have 16, 32 or 96 circles. The formations which have appeared so far can easily be assigned to the fifth and the sixth chakra!

Even more interesting is the awesome formation at Windmill Hill, in 1996. It had 194 circles, aligned along three "arms" of a spiral. As you can see from the table, the sum of the rear and front sixth chakra is 192. So if we give one circle to the Hara-Line, we have got just one circle "too many." What supports this assumption is that in the sixth chakra there are three subtle forces,⁷ which will be united. Perhaps the three spiral-arms are a representation of these three forces in the sixth chakra.

g) The seventh chakra

The last chakra is the seventh chakra at the top of the head. As we have seen, all the other chakras have already appeared in the fields of England. It would be wonderful for me, if there is a crop formation next year which has 972 circles, because this would be the fulfilling of the "chakra-series", it would be a classic representation of the seventh chakra, but we have already some kind of start for the seventh chakra.

4. Chakra-Series in the fields

1) Chehailis, Washington State, USA (1996)

There was a very beautiful formation in Washington State in the north-western part of the United States this summer. It had seven circles in line, (thought bubble) with a very special seventh circle, which had 12 segments of standing crop inside. The

⁶ Dr. Christine Page MD: Frontiers of Health

⁷ Sanskrit : Inga, Pingala, Kundalini

Indians say that the seventh chakra has got 960 "white" vortices, and 12 "golden" vortices (Sum = 972). If the seven circles are a symbol for the seven chakras, then the circle with the twelve segments is the seventh chakra. Could this have been the beginning of something that symbolised the seventh chakra, the complete circle of all the chakras? Again, the single circles in every "chakra-circle" can be interpreted as the Hara-Line, which runs - notabene - through all chakras!

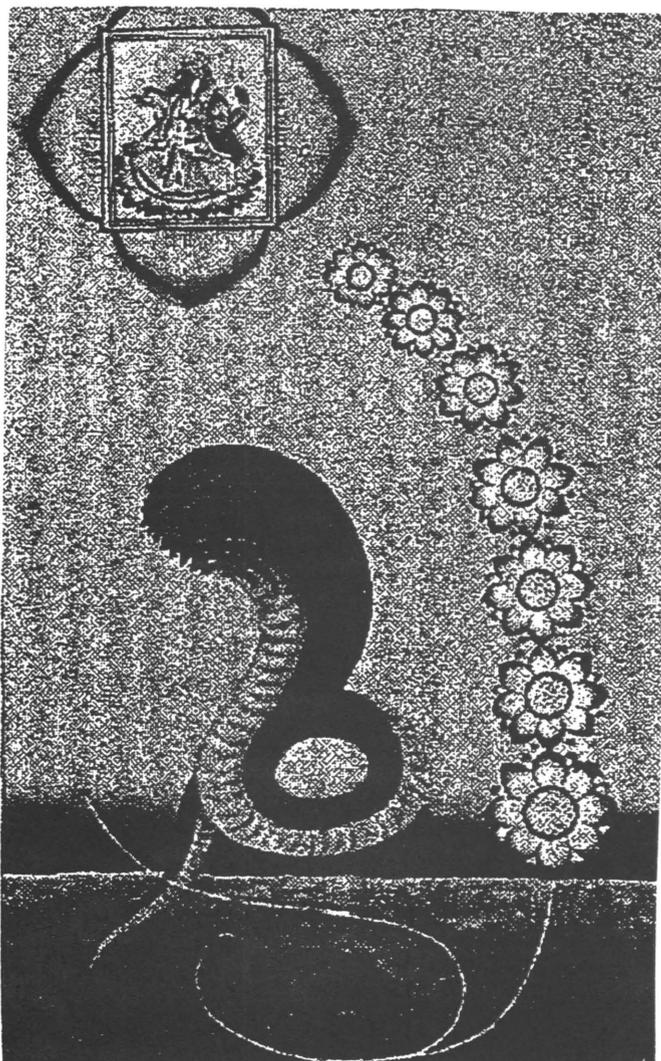
Some old pictures, which were made after deepest meditation from Indian saints, show us how they see the chakras and the subtle energies running between them.

This illustration shows, in the upper left corner, the first chakra with its four vortices, depicted as "lotus-leaves".⁸ Below it, there is a representation of all the chakras, and it looks quite like the Chehailis-formation, I must say! The snake which can be seen on the left side of the picture is one of the most important subtle forces. It is the *serpent power*, the kundalini. After years of



Chehailis Formation. Washington USA July 29th 1996

© Ross Dedrickson



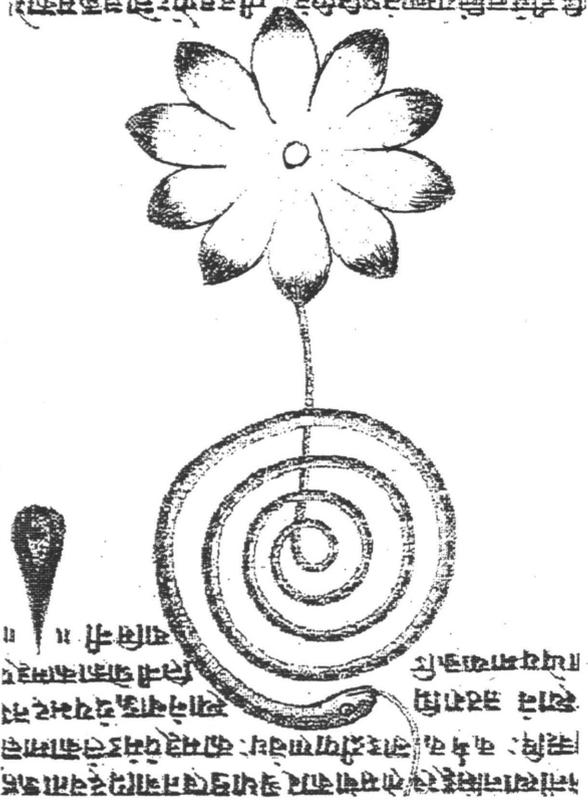
meditation this force is going to be awakened in the spine and is probably rising up the spine to open all chakras. After this kundalini-experience it is possible that one is 'enlightened'.

So as you might have expected, we find it in the fields of England ... depicted as a crop circle. It could be found in the formation at Thruxton in 1992.



The old Indian texts say that the kundalini is rolled up three and a half times, before it rises up the spine. It is sleeping in every one of us, before it may be awakened with the help of meditation: as it rises the kundalini becomes a straight line. Like the kundalini, this crop circle consists of a single path which is rolled up three and a half times.

ॐ नमो भगवते वासुदेवाय ॐ नमो भगवते वासुदेवाय



So here we have one scroll painting from the 18th century. It was taken from a tantric school in India.

At the bottom it shows the third chakra with its ten lotus-leaves. Above there is the rolled up kundalini. It is depicted as a snake, because this is the most common symbol for this subtle force.

From the mouth of the snake there is something going further, much like the crop formation at Thruxton.

Looking back at the crop circle season of 1996, it is interesting to take a closer look at the "tear" to the right. It was found below the "Sanskrit-letters from the pictograms of Roundway Hill and Etchilhampton (both 1996). It is a method of stressing one letter in the Sanskrit language, I was told. Of course, the old tantric or Buddhist texts I found are written originally in Sanskrit, as can be seen in the picture to the right.

I looked up in old books about India, and there is much more to come!

II) Cheesefoot Head, 1990



We all know this amazing formation from 1990. According to my theory of the chakras, it shows us what the chakras are doing. We can see seven parts, and from left to right we get symbols for the seven chakras. The chakras number 1, 3, 5 and 7 are the more structured ones, they are connected to mind and the matrices and grids which form the aura and the body. The other chakras, number 2, 4 and 6, are connected to the feelings. And these chakras have got circles in the pictogram of Cheesefoot Head, the other chakras get some kind of lines! The exception is the third chakra. But according to clairvoyants, the third chakra is the one which takes the feelings in and processes them, so that feelings can be understood with the mind. So we see in Cheesefoot Head the lines in a circle: mind and feeling together! There is much more to say about the connection between this single formation and the chakras, but that would be too much for this article.

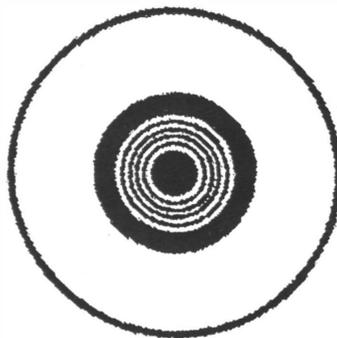
III) Cissbury Ring, 1995



More simple is this formation built up from seven rings which may be interpreted as seven chakras. What is interesting about it is that clairvoyants say that the chakras are existing in seven levels. The aura is made of seven "layers". Every chakra supports one layer: the first chakra gives energy to the first, for example.

Every chakra goes through every layer of the aura, every chakra has got seven levels. So from the front a chakra looks a little bit like this formation (Cissbury Ring, 1995).

IV) Woodford, 1991



This formation was given us in 1991 and it appeared near Woodford. As you can see, it has seven rings, but there is more. These seven rings are not of the same width, but they have some deeper meaning which should be analysed.

V) West Overton Hill, 1995



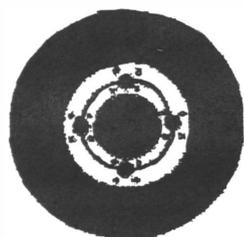
Here we can see a very interesting thing: at the top there is a part which seems to consist of four parts. So we can label it 'first chakra'. And then there is the famous crescent below it. Is this formation an energy flow between the first and second chakra?

VI) East Chinnock, 1995



A crop circle from Somerset repeated the effect we have just observed. It had four outer circles, which were attached to the main part: six lines coming out of the centre. So again there is an energy flow from the first chakra to the second chakra.

VII) Telegraph Hill, 1995



This crop circle is a really big one from near Winchester. To analyse it one must know that the fifth chakra is a template for the first chakra. To put it in other terms, it is a blueprint for everything that is generated from the first chakra.

So we have got 16 little circles in this formation which surround the "classic" design of the first chakra, the so called "quincunx"-design. We see the fifth chakra giving shape to the first chakra!

VIII) Denton, Garsington, Nr. Oxford, 1996

Another crop formation with seven circles is the one near Oxford. It starts like the classic "heart-chakra" formations, which looked like "thought bubbles", but it has got seven circles. And on top we find a very simple seventh circle. Compared to Chehalis, USA, it looks very simple. But it is the start of the seventh chakra in England, anyway.



(Image by Jeremy Kay. © 1996)

IX) Kings Langley, 1996



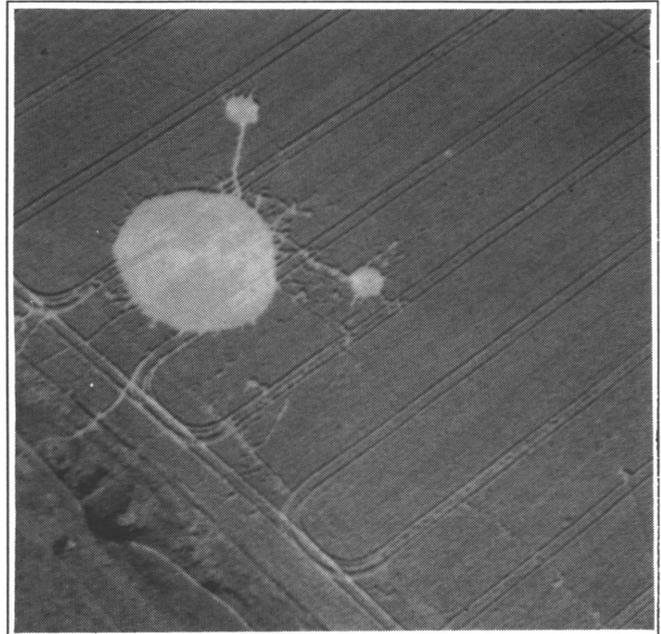
Even more simple is the series of seven crop circles in Hertfordshire, near Kings Langley. It shows us seven separated circles in one line. It seems that we should look to the number seven this year! Perhaps we should also look out for many, many single circles in one formation, and that can obviously be seen in the Windmill Hill formation!

5. Conclusion

As we have seen, there was some kind of evolving from the first to the sixth chakra over the last few years. Will there be a pictogram which shows us the seventh chakra clearly? At least two formations give us an overview to the whole chakra system, and maybe there is more to find within old Indian texts. What is important to know is, that the upper chakras - that is number six and seven - only work within a person with highly developed consciousness and with higher perception. These

chakras formed in the crop fields, are they some kind of indicators of energies on our earth? Go on and find out yourself! Try to feel it within your energy field, which may be impressed - via the single chakras - in the crop circles!

Further parts of Jens's article will appear in our next issue in which he looks at tetrahedral patterns in respect of the location of crop circles and latent in the English landscape



Oving Dean Sussex 1996

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The Snowflake Fiasco

by Busty Taylor

I first heard of this formation on the afternoon of August 11th, when I went to The Barge Inn, Honey Street at 5.15pm. When I arrived I found the entire place empty. Naturally I asked why. I was informed that everybody had gone to see a new formation that had appeared below Oliver's Castle, Devizes.

This was annoying, for I had just left that area to drive to The Barge. It had been a real s..t day for flying and I had driven around to see if I could find any crop circles from the ground. I realised that there wasn't sufficient time to find Peter Sorenson to ask him if he would like to fly over the formation, as the weather had started to clear.

A few days later I was informed of the 'OC' video and I tried unsuccessfully to view it or obtain a copy. I then received a telephone call from someone in Andover who had obtained a copy. He came to my home that night and I viewed it frame by frame and noticed straight away that the sun appeared to be shining on the formation from the right hand side of the screen, because the left hand side of the central circle appeared to light up very brightly, followed by the smaller circles in the same sequence. The far side of the circle appeared to be in shadow.

To view this formation from the top of Oliver's Castle, you are looking more or less due West. I am more than convinced that the first sequence showing fields in the distance was taken at 5 o'clock in the morning. Whereas the sequence showing the 'lights' was taken between 6 and 7 o'clock that night, when the sun was setting. Having over-flown, filmed and photographed the Wessex landscape and crop circles for the last 11 years, taking photographs of some 2000 or more circles, and being a camera man for over 30 years. I think I would know which direction the sun would have been shining from.

The debate that's now raging on the Internet is typical of armchair critics who don't know very much about the topography of the area. I can assure you that the line of hills known as Oliver's Castle, runs Northwest - Southeast and the formation and the formation appeared more or less to the West.

The gentleman known as "John Weyleigh" turned up at The Barge with the tape, saying that he took it at 5 o'clock on the morning of 11th August. That being the case, the sun would have been coming in from the left hand corner of the screen, and the field itself would have been in shadow, due to the line of hills masking it, as they extend for three quarters of a mile to the Southeast. So how did the sun shine on it?

We are informed that John is a student at Bristol and I know for a fact people are trained to be professional media operatives there: Cameramen/women, lighting experts, editors, sound engineers etc. (and possibly actors as well!). I know this because I was once interviewed by students there doing their finals. (Incidentally, Bristol is less than one hour away from Oliver's Castle.)

Questions we can ask are:

How did the sun shine on the formation at 5am?

Are there any glitches in the sound track suggesting that the tape was edited with a computer? (No one has ever mentioned this on the Internet.) How come John was conveniently on the spot?

Why didn't he follow the 'Balls of Light' upwards with the camera (perhaps he would have been going into the setting sun?)

Why didn't he follow the "Bols" when they went off screen to the right? Who has got an authenticated first generation copy of the video and how do they know it is one?

Michael Glickman has claimed (in the "Snowflake File") "John is on the hill to the North of the field. Thus we are looking South..." this is incorrect. If he was looking South, the town of Devizes would be clearly visible in the background in the opening shot, which it is not. The opening shot shows fields going off into the distance for nearly two miles, and it is absolutely clear from the video in which direction the camera is pointing in order to look down on the formation, which is almost exactly West. Mr Glickman is 90° out in his location of the formation. Now what are we to believe? This man has been into the formation, measured it, analysed it and, I presume, checked it with a compass and yet doesn't even seem to know where he - or it - was.

For those wishing to contact me (I am not on the Internet), I have a phone/fax the number of which is 01264 324496, or, if you wish to write, my address is: 52 Appletree Grove, Andover, Hants., SP10 3RG.

Okay folks, I hope I've made your day!

Well I hate to pour cold water on Busty's article, but I have seen what purports to be a first generation copy of the original video and I have argued that I see nothing in it to persuade me that it is 'genuine', and most of the arguments being debated on the Internet seem to avoid the obvious research that is necessary to clear up many of the anomalies surrounding this event.

I have no more guarantees than the next man that what I saw was a first generation copy. However I feel that this was immaterial to the debate about the personalia and sequence of events that surround the subsequent lack of hard evidence. I have spoken to some of those who visited this formation, including the last person to visit it. Their reports are so full of contradictory and subjective evidence that we are very unlikely ever to be able to determine exactly what did happen. Most of the evidence is anecdotal and little of it should ever be offered as hard fact or "evidence".

However, there is one aspect that can be discussed. That is the truth about just where the field is. What direction are the compass points and just where the sun might have been at dawn or dusk on a particular day. We could even visit it on 10th - 12th August this year and check it out for ourselves. Any volunteers? Who knows, you might even spot the elusive "Mr Weyleigh". Even a decent large-scale map of the location would clear up many of the points we are discussing.

Watching the film, it was evident that the sequence of the laying down of the formation bears little relation to the evidence on the ground. However that is not conclusive and is open to debate

Anybody out there with more information on the topography of the area? Anybody got an Ephemeris who is competent to give us the angles of the sunrise/ sunset times and direction? Anybody out there able to compute the likely changes to these points, caused by the high ground that might intrude? Anybody know John Weyleigh's real name and address?

I have spoken to Busty about this since and he now has further material that he may wish to add. He is now much more certain of the compass direction and has visited the spot to take photographs. He is much more certain of his statement that the film was actually shot at sunset on the day before that originally reported. He is also fairly certain where the film was "constructed". We look forward to more revelations in due course...Ed

St Valentine's Day in Sennen

(Or "The Dead Rings in Grass Investigations!")

by Jean Brown

When I telephoned Mr Thomas Thomas (yes, honestly...) to ask if a few of us at Cornwall 2 could visit his strange rings at Sennen his response was: "Well, I 'ope you got a lot 'o money, Maid (to be pronounced in a deep Cornish accent!) - when I asked how much it might cost, he said, Oh, bout a pound a minute!" Not quite sure how to respond to this, I asked where we should meet him. He thought it best to meet at the "First & Last" pub on the main road at Sennen. I asked if we should meet him inside the pub. - "Oh, I can't afford to drink there, not unless you'm payin'. Maid!" I was getting his drift by now and thought we had better be prepared to pay to see these new patterns in the grass - the earliest this season - if genuine.

It was 4.15pm on Friday 14th February when we arrived at the pub, it had taken two hours from Callington. When Mr Thomas arrived I was surprised to see a much younger man than his telephone voice portrayed although he was probably in his late fifties. We had all assumed that he was a farmer, but this was not the case - he is a coach driver and his wife runs a laundry and café at Sennen Cove. He only has three fields and he keeps his four horses there. I asked him if I should follow his Land Rover to the site, but he laughed and said I'd never be able to follow "in that!" pointing at my Mazda. The four of us (Simon, Joan, Matt and myself) were invited to pile into his vehicle which turned out to be full of sacks of potatoes. We came out of the pub car park and turned almost immediately left into a lane that looked too narrow for the vehicle! I was very glad not to be following in my Mazda - the ditches made by other vehicles were about a foot deep and full of water! The weather down here had been fine all day, but we had brought the high wind and pelting rain with us. Wrestling with the spuds in the back, we were thankful the journey was not too long.

We stopped to find ourselves in a field far from the road. Once out of the Land Rover we peered through the rain expecting to see a cerealogical wonder. This was slightly disappointing at first because we couldn't see much at all. Mr Thomas pointed to the ground just in front of us where there were two rings of what can only be described as dead grass. These rings were 37 feet across and 27 feet 8 inches. The larger outer ring appeared approximately two weeks before, making the date 31st January or 1st February. Strangely enough the smaller circle appeared a week later (approximately 7th February) - this seemed to be a double ring. What was equally strange was that the far side of this field had a large area of this dead grass too but making no discernible pattern - very difficult to see from the ground, an overhead flight is needed here. Mr Thomas does not spray his fields with weed killer. He only uses this field for hay for his horses. The part of the field with the circles was still green with dandelions, buttercups etc. but the other side was almost completely dead. When the dead surface was gently moved with the foot, it all "came away" and the soil beneath was "mashed" as though ready for planting. Mr Thomas had never seen anything like it before (he has lived in Sennen all his life) and we were all sure that we hadn't either.

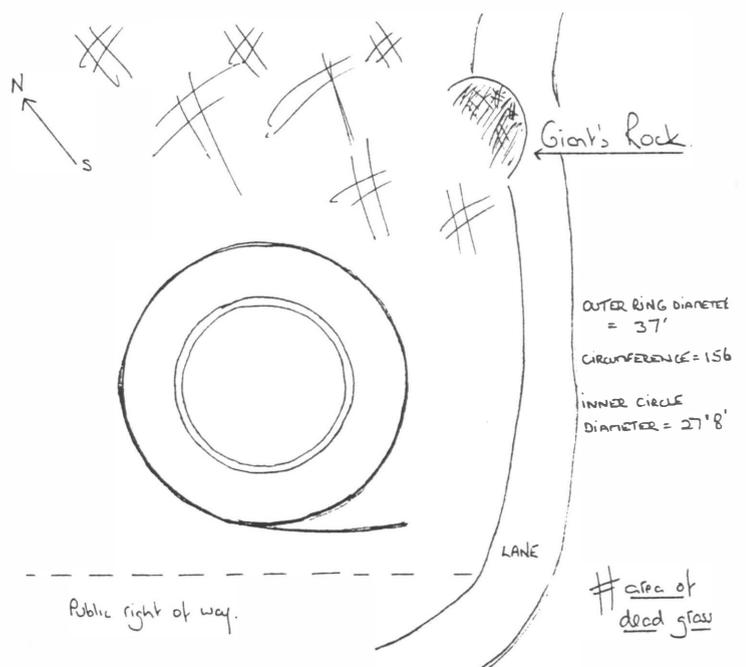
Looking to the East of the field, along its border there looked to be a large grey "lump". I asked Mr Thomas what this was and he quickly informed us that this was "Giant's Rock - That's listed, that is!" This structure was very impressive and we all climbed up to take a better look while Matt took his photos from there. I wouldn't mind betting that this ancient monument had some influence over what was happening here. The area must be extremely old - the walls of the fields were not the typical

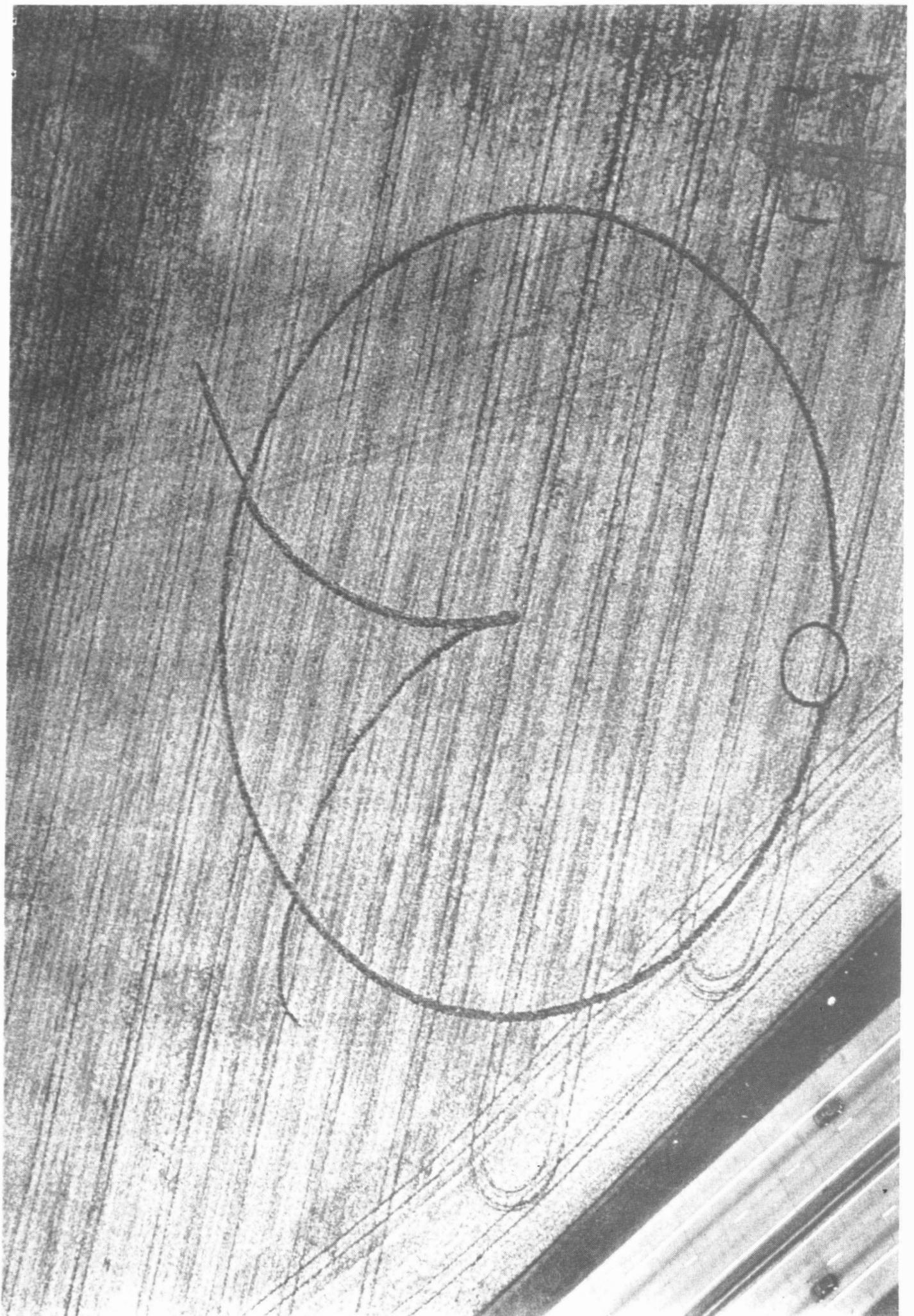
Cornish dry-stone structures, but huge plinths of granite, like rows of small megaliths. Unfortunately, conditions for dowsing the area became nigh-on impossible but Simon did manage to determine that two lines did cross through the circles. Richard and Ann Smith from Cornwall 2 had previously visited the site so we hoped to liaise with them for their dowsing results too.

Another interesting point was that the night before Mr Thomas knew that the formation was in his field, he had an awful job getting his horses to pass the gate on their way to the adjacent field. When he did get them there, they were very distressed and ran about wildly. He has been unable to get the horses into the circle field at all. Mr Thomas himself had reported the circles to Westcountry Television where it was televised in one of the lunchtime bulletins on the 6th or 7th February. He had only made one telephone call, but already had had several visits from local enthusiasts - the Truro UFO Group (CUFORG), the BBC and the MOD. Unfortunately, he was not on the site when the MOD made their visit - it would have been very interesting to hear their comments! (What do you mean - they wouldn't have told us anyway?)

Just before we left the site, we took a last look at the formation and realised that the outer ring had another "lead-in" track, like the start of a spiral, making this ring similar to the letter "Q".

Mr Thomas then took us back to the car park and we knew he was as interested as we were in the phenomenon as we speculated on its origins. - "All I know is - I didn't make it!" he said. Just before we said our goodbyes, I prepared to ask about his fee, but surprisingly he wouldn't take anything from us, not even petrol money for running us about and waiting with us while we faffed around with our dowsing, measuring, photographing and asking streams of endless and excited questions. We had found a very good contact for the future and Mr T. said he'd keep in touch and let us know of any other anomalies etc. that may appear throughout the year. We promised to send him all the information that we could and said we'd be down to Sennen Cove again for coffee in May when Cornwall "goes 'hostelling!'"





"DON'T JUST DO SOMETHING - STAND THERE!"

Ray's Column

by Ray Cox

It is thought by some that there is an element of human interaction within the crop circles phenomenon which goes beyond that of mere hoaxing for hoaxing's sake; beyond also man-made formations for the sake of ever more cleverly arrayed landscape art. Some of the alleged circle-makers themselves appear to acknowledge a 'genuine' phenomenon or something "outside of themselves" leading them on. For example, Chris Kenworthy says (*The Circular* issue 22 p15) that human circle-makers are close to the phenomenon and that its single most important aspect is that they are "a means of communication and they develop in response to the formations which we make". This corresponds to Michael Newark's findings through dowsing, that in recent years genuine formations have sometimes "copied" initially man-made ones.

What is this human interaction?

Patrick Harpur, in his book "Daimonic Reality", suggests that crop circles, UFOs and other borderland phenomena are types of daimonic events, intrusions into our reality. (Note: not demonic, an unjust connotation which came about later than any original description.) It was the Neo-Platonists who were authorities on such an intermediate world of psychic reality in the 3rd to the 6th Centuries AD. Daimons were agents of mediation between gods and men, originally simple beings of folklore and myth. They were flexible and changed shape to suit the times; not quite real; not quite unreal; neither spiritual nor physical, but somehow both. Jung discovered they were both inner and outer; good and bad or neither; mischievous, benign, frightening, guiding, warning; archetypal. Any attempt to pin them down makes them stronger and they do not abide in, nor can be described in an either/or context; e.g., either man made or natural/weather (crop circles); space ships from the Pleiades or misidentified natural phenomenon (UFOs).

Hoaxing can therefore become a daimonically-driven activity continuous within 'authentic' daimonic events, acting through humans. Hoaxers need real circles to copy, but it's the strong element of the either/or concept which prevents us from describing them and quantifying them, circles, UFOs etc. We think that circles have to be the work of human pranksters because we see physical forms; we think UFO 'landing traces' means space ships.

Paraphysical phenomena reveal, in the human sphere, a distinct component called coincidence, psychic links of consciousness and synchronisation with other people and objects. Here the usual rules of space and time - cause and effect do not apply. Jung addressed this problem and he used the word *acausal* to describe synchronicity because he could not envisage physical energies which account for extraordinary coincidental and psychic events. The Jungian concept suggests that space and time are relative to consciousness because they are constructs of consciousness, and if they are illusions - so are cause and effect. The physicist David Bohm says the same thing in describing reality on the sub-quantum level, consciousness being the ultimate substrate of matter and energy. It's all described in similar ways by such as the philosopher Emmanuel Kant with his concept of mind being the organising principle; by similar theories in Eastern mysticism; and it has correspondence with the ancient Greek philosophers e.g. Anaxagoras, who believed that consciousness ordered all things.

Even more astonishing is the suggestion by the cosmologist John Wheeler that the Big Bang of the genesis of our universe 20 billion years ago was influenced by human consciousness today. This seems to take to the extreme the notion of retro-

psychokinesis. Reasoning from the physical evidence of quantum events being influenced by whether or not they are observed or even could be observed, he says that unless the evolutionary way leads to life and consciousness and observership at some point down the road, the universe could not have come into being in the first place! Also implied is what is called psychic energy or prana, or chi, or Orgone, or etheric etc., being, in fact, consciousness. Again, Bohm describes the 'observer effect' in quantum physics. When consciousness observes something by ESP it changes that something by psychokinesis. So ESP and PK are inseparable, being two sides of the same coin.

Are we creating circles with daimonic reality, then, through the Neo-Platonists' "law of sympathy", extended by Rupert Sheldrake's "morphic resonance", and through Jung's collective unconscious which he finds to be objective, not subjective! In this way morphic resonance becomes a kind of practice-makes-perfect on a subconscious level. Perhaps, then, it might not be so amazing that, for example, the wonderful geometric ratios and relationships with crop formations found by John Martineau, Wolfgang Schindler and others are found to be in existence because it is human beings who are doing the finding. The borderland between mind and matter becomes - is becoming - less dense. It becomes less fantastic to suggest that crop circles could be "genuinely made", or at least helped along the way, by us - but not only with a plank and a rope, not only by a plasma vortex or an extraterrestrial; not only by other, electromagnetic, forces - even though all of these are likely, or possible.

The story of the circles phenomena is full of stories of human interaction and coincidence and would be incomplete without them. Then there is the wish-fulfilment element; or the clustering of circle events in a region where circle researchers are active.

Here are just a few of the human interaction peculiarities: Busty Taylor, flying home one evening, said he would like to see a crop formation which combined features so far found. The words "Celtic cross" were in his mind. As he flew over the same area some twenty-four hours later, this is exactly what he did find. The "Tadpole" formation near V,inchester in 1989 seen shortly after someone had said "We shall soon have this thing by the tail!" The visualising by the CSETI group on 24th July 1992 of the three circles in a triangular arrangement which on the very same night actually appeared in a field near Oliver's Castle.

Sheila Watkins, being disappointed at not seeing any - or any worthwhile - circles on a visit to the Avebury area one recent summer "mentally asked for a circle". She told no-one. A few days later whilst out walking the dog near her home at Wythall in the West Midlands, she saw one.

An experiment is held each year by the West Midlands Branch of the CCCS, in which members draw patterns to appear somewhere in the country during that summer. These are put in sealed envelopes and then they are opened only after the end of summer, in September. There has been remarkable success with the pattern on three consecutive years so far. Usually the same two (female) members - rather remarkable in itself.

So the list could go on and on. The answer to both psychological enigmas and physical enigmas may be similar - if not the same.

STATE OF ART

by Jim Lyons

"SCIENTIFIC" INVESTIGATION OF CROP CIRCLES

During the last 5 years or so, considerable progress has been made towards understanding the processes involved in the creation of Crop Circles. Of major importance is the identification of the energy source which, although suspected in the early days has now revealed its fundamental character. In general terms this is what physicists term vacuum state or zero-point energy and in more esoteric scenarios, prana, chi, or simply the life force. To what degree these two aspects are connected remains a major long term challenge of physics but nevertheless, the fundamental contacts have been made.

Significant strides have been recently made in main stream physics which goes some way to corroborating this hypothesis. In particular, within the last two months, the Casimir Force which relates to the attractive of the vacuum has been measured for the first time. This is believed to be the origin of gravity. Many physicists are pursuing this as a way of extracting energy from the vacuum. This has been claimed to have been done many times before by engineers but results have been ruthlessly suppressed. Several machines working on this principle exist and the whole subject is now becoming respectable. The energy of Crop Circles resulting from the vacuum energy undergoes a phase transition from a very subtle state to a plasma state where it is very finely controlled in flow by magnetic fields. Recent work on the containment of plasma now indicates significant stability of these flows with breakthroughs for nuclear fusion. Again, for vacuum energy this has now been shown to be almost certainly in sono-luminescence, very similar to floating luminosities in the crop circle scene.

All of the above are confirmatory points for the generalised theory now being evolved for the creation of formations by means of toroidal fields coupled to a universal geometry. These effects have now been found on a galactic scale with models of star formation using precisely the same spinning toroid field concepts, though clearly local conditions are vastly different. In evolving models of string theory, which is used to describe the unification of forces, again toroids form the basis of the model with waves travelling around their surface. Perhaps though the most significant point is the fact that the dimensionality of the problem, still unresolved at 10, 11 or 12 dimensions, is exactly the double of the five- and six-fold symmetry breaking effects we find in crop Circles.

When considering living matter, I have now undertaken some preliminary work to show that cell mitosis embodies similar geometry to the concepts of the asymmetries incorporated in the fundamental primary tetrahedral geometry found almost universally in Crop Circle geometry. This coupled with the fact that the same geometrical structure is being found in studies of consciousness indicates the truly universal nature of the phenomenon we are studying.

IMPLICATION FOR FURTHER RESEARCH

The fundamental problems we are now faced with in Crop Circle research are, in my opinion, threefold. These are:-

a) The continuing study of the physics of their geometries to identify further unifying factors with other phenomena in

both the physical and biological sciences including the universality of consciousness.

- b) The use of these energies to establish their interaction with living matter and in particular their potential for healing. Initial work on human effects indicates their effects at the glandular level which should be reflected also at the cellular and sub-cellular levels.
- c) The understanding, developing and creation of commercialised machines which embody the use of this "free" non-polluting energy. Any further data we can glean from the phenomenon to confirm the true nature of the energies involved will be a bonus to all.

In practical terms, these aims focus attention on the need for:-

- 1) More detailed analysis of the geometries to extract as exact figures as possible relating to universal geometries, this time relating to angles associated with minimal surfaces since Crop Circles consistently show their relation to minimum energy configurations.
Experiments: the analysis of seed DNA from high energy formations together with control samples. This is a new high technology approach needing a laboratory with highly specialised equipment and staff.
- 2) Photographic evidence preferably from the air to investigate using visible band as well as IR band images for the detection and presence of subtle energy effects on the crop.
Experiments: this is done with identical, or almost identical, views taken from two cameras, one normal, the other carrying an IR film and filter.
- 3) Studies on electrochemical devices to ascertain a possible interface mechanism between subtle energies and molecular electro-processes.

Experiments: a simple approach is to bury a battery in a newly formed circle, together with one control from outside the formation and monitor their change in potential after a period of time.

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LETTERS

Letters to the editor should be sent to the editor at the address inside front cover for consideration. Letters to individual contributors can be sent direct, if the address is given, or sent via the editor. We know several persons responded directly to contributors in our last issue, but this possibly deprives other readers from sharing your point of view. If you feel strongly about any issues raised within the covers of this magazine, then write and let us know.

Dear Editor

I would like to respond in the pages of *The Circular* to Eric Jenner, the main thrust of whose letter published in issue 27 seems to have got a bit lost. As I see it, that main thrust is this: to achieve anything, a research organisation needs:

- to define its overall purpose, or objective - which in the case of the CCCS he suggests is to find out WHO, HOW and WHY in respect of crop circles: I would add WHAT, which he reasonably thinks can be taken for granted in a Centre for Crop Circle Studies.
- To institute projects "in accordance with planned, but flexible, programmes of work", with progress reports in respect of clearly defined objectives that *fit within the overall purpose* - and here he shows that the logically "obvious field of research in the future" is just such a project to establish communication with those who make crop circles (*whoever* they are, including hoaxers), so that the implied objective would be "communication with the makers in order to find out who, how and why" - and certainly what.

What I have realised is going wrong in every area of western culture is not, as we so often feel, due to ill will or incompetence. It is that, *all unknowingly*, most of us, most of the time, don't know WHAT we are doing or WHY we are doing it; but we persist in pursuing HOW to do it, before we have decided what it is or what effect we shall have on context. Way out of this cultural impasse? Agree a definition for every project - that is to say its overall purpose, or objective - before we begin, and break it down into sub-objectives which together cover *all* aspects; and then *refer back constantly to those objectives to ensure that we are not straying from them*. In other words, jointly decide in advance WHAT we are doing and WHY. We then find that HOW to do it becomes obvious to us, both as a group and each in our own individual way. Co-operation of sub-groups and individuals is maximised, infighting ceases to have any point.

Eric Jenner, then, has put his finger on it. If we focus our energies on understanding WHAT the crop-circles are and WHY (and how better than from WHOever it is that created them?), the matter of HOW they are made will become clear to us - insofar as it matters. If I receive a typed letter from someone, I do not ask which word-processor was used and then refuse to read it if I don't approve the manufacturer: I first attempt to understand what the message is that it contains, why it has been sent and by whom. That established, I may then develop a passionate interest in the word-processor, but first things first.

As a member of CCCS, I therefore formally request that the Centre institute a project such as Eric suggests and that he be involved as a partner. It is splendid that you invite him to propose a plan of campaign. But, by asking for it to be submitted from outside for consideration under the old method of settling for unrelated "bits and pieces", it is all too easy to unintentionally undermine his contribution. Provided the overall

objective is wide enough, this methodology works - and of itself prevents take-over, as it can be pointed out without offence to anyone whose ideas of HOW depart from the *agreed* objective. Crop circles are the future and *Eric is offering us the very way into the future that we need*. Let it be *our* group, the re-formed CCCS in partnership with Eric Jenner, that henceforth approaches the crop-circle phenomenon in the constructive way it deserves.

Barbara Waddell
London N5

A formal motion to the CCCS would need to be presented at an AGM and approved by a majority of those present and voting. As an informal suggestion to the membership at large, well, all that needs is a group of like minded souls to get together and map out a blueprint for future work on Eric's ideas. I have spoken to Eric and I know he is moving to Kent soon, so perhaps Barbara and Eric could come up with a projected investigative programme for consideration by the CCCS. Alternatively, a like minded group could carry out the work themselves and liaise with CCCS for co-ordination or facilities where appropriate. So Eric - the ball is in your court.

Dear George

Our branch came up trumps again with the annual Circle-cast experiment, where, before the start of the season, drawings of circles shapes which might come into the fields are put in sealed envelopes and opened at the end of the season. Instead of the ladies this year, branch member Russell Mills came close to predicting the torpedo-shaped formation between Burbage and Fosbury, Wilts., in mid-July. This was remarkable in that this was a very unusual formation.

Ray Cox
CCCS West Midlands.

The following is a letter translated via Peter Channon of Buckfastleigh. It does raise some interesting points in its own right, as well as illustrate that we could do with a panel of translators for such material. If you are able to translate from a foreign language and would be willing and available to offer a translation, and an ability to translate our answers into the writer's language, we really ought to enter your details on a panel of foreign correspondents so that the rest of us uneducated herberts can enjoy the benefit of a wider audience. Please write to me or Andrew King and we'll be in touch. Right now we could do with a contact in Hungary as we believe that some crop formations appeared there last year, but we have no further information. If you have any such contacts, please let us know.

Dear sirs

I have been investigating prehistoric art for over 10 years now: like cave paintings and cave engravings here in Matto Grasso. And all this is a hobby. I have a video library, loads of photographs and slides at your disposal.

I have observed some points in common, both in the cave paintings and the engravings in the States of Matto Grasso and Geias, with the observed circles in the [constant?] publications of the book "The Crop Circle Enigma" by Ralph Noyes.

I would love very much to affiliate myself to this centre (CCCS) for study of the unknown, and to collaborate with research at world level. I have been investigating these events for a long time. I have known it existed in the city of Campo Novo Dos Parecis-MT

(continued on next page...Ed)



Two of the photographs that Adao sent us.

I have already some knowledge of a code of conduct because I am always in contact with the farmers in this area, north of the Mato Grosso and Geias.

I will await your instructions hoping to be part of this research and to receive rules and more information.

The events show up in rice plantations, because in Mato Grasso we don't sow cereals

Yours sincerely

Adao Ferreira Da Silva
Brazil

Needless to say, a proficient translator of Portuguese, versed in circle lore would be a very useful item right now, particularly one able to comprehend the nuances and dialect....ed

Lets hear it for the Circular! After all, it will be for your benefit too, particularly if you encourage others to do the same. The **HOT-LINE** number is on page 2. so no excuses please. don't leave to "somebody-else" because they *must* have done it already.....get in touch!

POSTSCRIPT

1997 FORMATIONS

As you will have noticed from the front cover, the first crop formations have arrived in the UK. There are a number of rumoured circles in grass reported from Holland, but at least four Circles have appeared in Canola so far in the UK as we go to print. The first at Barbury Castle appears on our front cover and we hope to obtain pictures of the two formations that have recently been reported in Essex, quite close to the site of last years Littlebury formation. A further formation has been reported from Barbury Castle. a "Tree of Life" formation and we hope to have pictures soon

With that in mind, may I once again make a plea for information for our archive. Reports of circles ought to be phoned in to our **hot line as soon as possible**, so that other members can benefit from the news. Photographs should be sent for inclusion into our archive and/or possible use in the magazine.

Comets, Catastrophes, Merchants of Doom, The Millennium, BSE, Europe

and the End of the World as we know it

by Iain Hall

The recent "fly-by" by a fairly insignificant comet with a name substantially far longer than its seemingly feeble tail, brings to mind the fast approaching Millennium. The Lottery generated "Millennium Fund" is poised to spend/waste millions of pounds on a series of splendid/stupid events that will celebrate/mourn the start/end of an era. (Those of you who have already spotted my use/abuse of the "/" sign will know from the plethora of forms you will have already filled in, that you are expected to delete one of the words either side of the "/" as you deem appropriate, which might not be as easy to carry out as you might at first imagine, but more about that part later!)

Those of you who remember their history lessons will no doubt recall that around the turn of the last Millennium, a comet decorated the skies of the Bayeux Tapestry. Duke William of Normandy thought that this event signified divine approval of his planned invasion of England. A certain amount of propaganda suggests that Earl Harold Godwin (King Elect of England) may have felt it an omen of doom. Today's scientists might suggest that the return of Comet Haley was as much a coincidence as the rising of the Sun in the morning or its setting at night, but mediaeval scribes had no such qualms about acquiring heavenly bodies for their astrological forecasts. (Even if there was an element of *back-engineering* about the whole event), recent news that an asteroid is on collision course with Earth, filled two Italian astronomers with joy at the accuracy of their celestial forecast. I wonder if they will be so happy if it landed in Turin? Admittedly their prediction suggests that this catastrophic event won't occur until AD 10 Million and something, or even AD 20 Million and something. I suppose we should be glad/sad to think that we will/won't still be around to see this wonderful/awful cosmic fire-work display.

No doubt the years between now and the end of the century/millennium will be crowded by a growing number of the Merchants of Doom/Prophets of Utopia who will be predicting the end of the world as we know it in a variety of forms. Surrounded by their devotees/suckers, they will climb mountains/move to more clement zones to await the coming of the Catastrophe/Flying Saucer that will eliminate/rescue the rest of us unworthy/superior elements of humanity who are chosen/ have no place in the "New Order". Some Earth-shattering/sociological upheaval that will completely upset/revise the present/past World Order. Life as we know it will come to an end/beginning making a mockery of our puny egos and endowing us with a greater understanding of the powers of our great leader who had the foresight to lead us to the promised land. If we follow him/her, he/she will lead us into the light of knowledge and understanding so that we can take our proper place in the Universe.

Some two thousand years ago, another star/comet hung in the sky apparently and that too was taken as an indication of great/terrible changes to come. For some it meant salvation, for many it was feeding time at the Coliseum! We must remember/forget at this point, that the calendar has an arbitrary/divine starting point. January 1st in year Zero/One is a purely manmade/spiritually exact/guesstimated point in a timeless void. A mere term or frame of reference from which everything else might be measured. A universally accepted single point in time from which all/most of us can measure the passage of the days/lives/existence. (Unless you are Byzantine,

Chinese, Diocletian, Greek, Indian, Japanese, Jewish, Mohammedan, Nabonassan, Roman, well, okay then, a point of time in which most/some of us can agree/disagree upon.)

So, if the Millennium is only going to apply to most/some of us, and if it was invented/inspired for mere convenience, then those who predict that it will be the end/beginning of the World must have got it right/wrong in the first place. Let's give up/investigate further.

According to some the end of the Millennium will be presaged by death and destruction. The cattle will die in the fields. Well, I suppose BSE might fill that bill, even if most of them will actually die in the abattoir. Crops will fail and starvation will stalk the land. Plagues of locusts will destroy the harvests. Well, I suppose that this must be true somewhere in the world at any point in time. Drought will cover the land with deserts, seasons will not be able to be told apart. Well, despite all the wet weather we've had lately, my lawn is already showing signs of being parched. When Princetown (on Dartmoor) was enjoying/enduring days of frost and snow, my camellias were struggling to flower, the tulips and cornflowers were emerging and the avocado was feeling slightly sorry for itself. I live only a few scant miles away from Dartmoor, so how can "Cold-weather Payments" be gauged upon one mild part of the Southwest and be applied to the whole county? A point not even in the same county! It seems that a disaster/event in one place, might be a bonus elsewhere. Let's not delude ourselves, the advent of BSE in Britain has been very beneficial to our European "partners". It may be a catastrophe to the UK farmer, but it is a bonanza in France!

So, maybe our interpretation of "time" is flawed. Maybe our interpretation of "disaster" is more a matter of position than participation. Even the money for the Millennium Fund is derived from those who got it wrong; precious little, if any, will come from those who won the lottery! Probably all of it will come from the shattered dreams of those who chose the wrong guru/numbers and so the whole event will be a celebration/mourning of the shattered dreams and aspirations of all of us who believed that we would be the "chosen one/syndicate" that would be lifted out of our humdrum existence by an amorphous finger/UFO and a large injection of the readies. Lets face it, you've got more chance of marrying/divorcing Diana, or finding/losing a diamond in your garden, than you have of winning in this lottery. In the lottery of life, at least you have a certain amount of control over your destiny, particularly if you bear in mind that the merchants of doom, if they really did know what was happening, wouldn't need so much company in which to feel a fool. Now go back and delete your choice of answer. Are you happy/sad?

The final words of hope are that no matter what the outcome or event, it will be a long road that hath no turning and one man's meat is another's poison, quite literally perhaps in the case of beef. When mankind is wiped off the face of the earth, will that really be such a bad thing in universal terms? If our only contribution to nature consists of raping and poisoning the very planet upon which we depend for our existence, perhaps we deserve the booby prize. Maybe our successors can make a better job of it.

This article was written in the early spring of last year when the sight of a comet was a relatively uncommon one for most of us. The advent of Hale-Bopp since seems to have heralded yet further upsets, particularly for the UK Government, although Tony Blair MP might see things differently.....

OBSERVATIONS ON THE STONEHENGE 'JULIA SET', 1996

by Terry Wilson

Events at Oliver's Castle at the close of the '96 season understandably caused considerable excitement in the world of cerealogy. So much so that the video sequence seemingly relegated the rest of the summer's events to virtual footnotes. However, with the dust now settling, I think the full implications of some of '96's circular manifestations are beginning to sink in a little more. The focus of this paper is the incredible Julia set formation which appeared just opposite Stonehenge on the evening of July 8th. For me this is not just the most impressive formation of the year, but is the most incredible pictogram of all time. Its stunning complexity is overshadowed only by its sheer beauty!

It is often the case that cerealogical family types are delivered in threes. So for instance, we had three cruciforms in 1989, then three 'double pictograms' (a la Alton Barnes) in 1990, a trio of extended key-ended formations in 1991, three 'flying ducks' of 1994, and so on. In 1996 we were offered up a series of three fractal designs, all representative of Julia sets. The Stonehenge wonder was the first instalment of the mini-series, followed by Windmill Hill (July 29) and Liddington Castle (August 2).

Evolution

It is remarkable how the Stonehenge formation seems to embody the entire phenomenon in the way in which it represents trends already noted within the subject. One such trend is the tendency of formations to evolve. Chronologically the circles do not merely become more complex, but do so in a logical and ordered way. The development of the classic pictograms of 1990 showed this process quite clearly, as they moved dumbbells to a triple dumbbell then a double pictogram and so on, to culminate in the East Kennet formation at the end of summer.

The 'insectogram' series also indicated clear evolution from former designs, utilising elements already seen, although this particular family of patterns lies discredited following the almost certainly bogus claims of a certain couple of gents.

It is interesting here to note the geographical location of the Julia set. It is in the self same field as two of the 1991 insectograms which Doug and Dave claimed to have made, just a few yards to the East of where the major formations once lay, five years previously. This either represents evidence that the phenomenon does indeed refer to hoaxed formations, as some have suggested (in which case it also has a memory), or else indicates that this particular site is somehow significant for manifestations of the genuine circles. In either case, the suggestion of deliberate placing of pictograms in a pre-decided location is overwhelming. As with Silbury Hill and Westbury, the phenomenon is singling out historical landmarks next to which it can manifest. It is worth noting also that the second fractal in the series was positioned on the site where the Michael and Mary Lines cross over, at Windmill Hill, close to Avebury. A dowsing connection seems evident here, as dowsers tell us that Stonehenge is an important nodal point for earth energies.

The evolution of events through the Stonehenge spiral can be traced back to 1991 with the appearance of the now famous Mandelbrot in Cambridgeshire. Aside from the obvious fractal connection, the Mandelbrot was the first crop circle design to meaningfully utilise the technique of touching circle edges together so that they just 'kiss' one another (although a few other cases can be found, e.g. Cheesefoot Head, 1990, they use the technique almost incidentally and may even be seen as evolutionary prototypes themselves in this respect). In fact two of the peripheral Mandelbrot circles had tiny 'nest' circles



The Julia Set, Stonehenge, July 8th 1996

© Lucy Pringle

adjoining them, marking the beginning of a definite design trend. However it was not until 1994 that the kissing principle was really exploited, with the appearance of the so-called 'thought-bubbles'. These employed strings of circles in diminishing sizes, following a gentle curve, and numbered around a dozen formations (*three* of which had 'scorpion' feelers at the head and 'stings' at the tail, and another *three* of which contained crescents in the design 'head'). The evolutionary trend becomes more obvious now when we compare these formations to the Julia sets. But another key concept was to be developed in 1995, with the arrival of the 'asteroid belt' series (derived at least conceptually, it seems, from the galaxies of the previous year). The most impressive of these was at Bishop's Sutton, with a remarkable 97 small circles comprising the overall design. So all the key aspects of the Julia Sets had been established, and all that remained was to piece the jigsaw together.

The Formation

According to Andy Thomas, the Stonehenge Julia Set is known to have appeared sometime within a half-hour period on July 8th. It was reported that a local pilot flew over the site at 5.30pm and returned scarcely 30 minutes later, and was thus able to verify the time of formation as at some point within this half-hour window. Marcus Allen points out that the formation is composed of no fewer than 151 circles (a record at the time), and this means that the average time allowable for each circle is a mere 12 seconds!

However even this astonishing fact does not allow for any time to map out the proposed location of each of the 151 components. A glance at the aerial shots of the formation shows how absolutely perfectly the overall design is executed, with each of the larger circles resting exactly along a logarithmic spiral of one and a quarter rotations, and over a quarter of a kilometre in length. If not perfect, its deviance from perfection is so slight that it can not be discerned from the air. Assuming the centre of each circle needs to be located prior to that circle's construction, then the logarithmic spiral must be first constructed without breaching the standing crop, each of the main circle centres located by measurement, and then each circle executed to perfection, at the first attempt.

Following this incredible artistic and engineering feat, smaller subsidiary circles must then be constructed to flank the larger circles already laid down, such that they curve and taper like miniature 'thought bubbles' formations, which hardly seems an inappropriate term for them given the sheer mystery! Although I have no precise measurements as yet, I have estimated the average circle size to be around 4m diameter, which, if accurate, provides an estimate of getting on for 2,000 square metres of flattened crop, or one square metre every second. I would defy anyone to draw out the formation accurately on a piece of paper within half an hour, let alone sculpt it into a wheat field.

A lawyer defending someone accused of hoaxing such a formation in court would have no trouble at all in getting the case thrown out at once. The notion that this stunning creation was done by people with a mischievous streak is about as preposterous as the idea that the whole phenomenon has a meteorological solution. We must not mince our words here, for the implications of this formation, just as with the Oliver's Castle video, are staggering. I will leave it to the reader to decide the significance of the fractal geometry or of the logarithmic spiral. Both are fundamentally natural but the logarithm is found in biological structures whereas the Julia Set is not.

A crucial difference between the Oliver's Castle video and the Stonehenge Julia Set is that the authenticity of the latter is beyond question. In this way too the Stonehenge fractal seems

representative of all that cerealogy is about. If ever we were looking for a definitive statement which would put the validity of the entire subject beyond doubt, this formation was it. Due to the good fortune of having an accurate time of appearance, we have at least an event which can no longer be dismissed. Ignored perhaps, by the faint of heart, but not dismissed.

Conclusions

After this formation appeared its logical extension manifested consisting of three interlocking Julia Sets within one pictogram. Soon after that came the third instalment, which was distinct from the other two in that the logarithmic spiral was absent. What this may indicate for the coming season is open to question. If past form is anything to go by then we may safely expect further development of the formations along the lines of this last fractal. There have after all been few major formations entirely without prior warning, although usually this is discerned retrospectively. However if we wish to predict what '97 might bring, we could do worse than to try to pick up on the subtle new departures of last season, and extrapolate what we find.

It may be relevant to point out that a formation appeared at the end of the 1994 season which consisted of a thought bubble wrapped around into a complete circle, surrounded by a ring. Nicknamed the 'Hibernating Scorpion', it was in fact a thought bubble *and* one of the galaxy series, simultaneously. The superb DNA formation of this past summer is also open to two interpretations, on the one hand being an advancement on the asteroid concept (comprising multiple small circles), and on the other a hint at the Julia series. This is apparent if you imagine the DNA formation to be a three dimensional model made of small spheres rather than circles. The shape of the model would be essentially cylindrical, and if you were to look lengthwise down the centre of the cylinder, you would in fact see a spiral of ever decreasing circles!

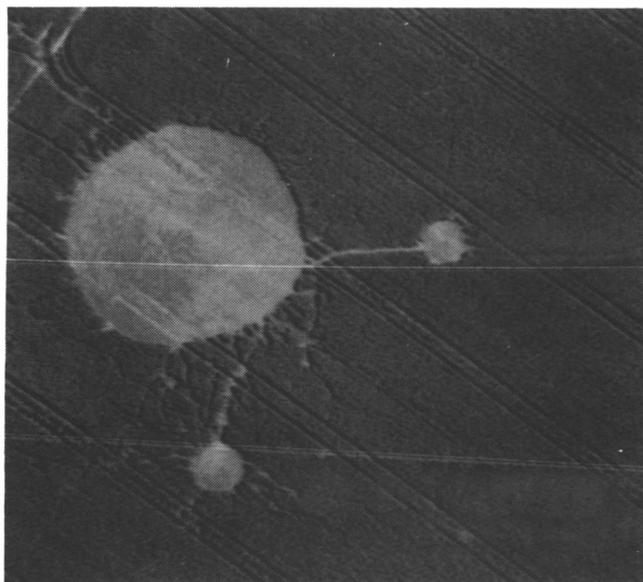
The clues are there, if only we learn how to read them.

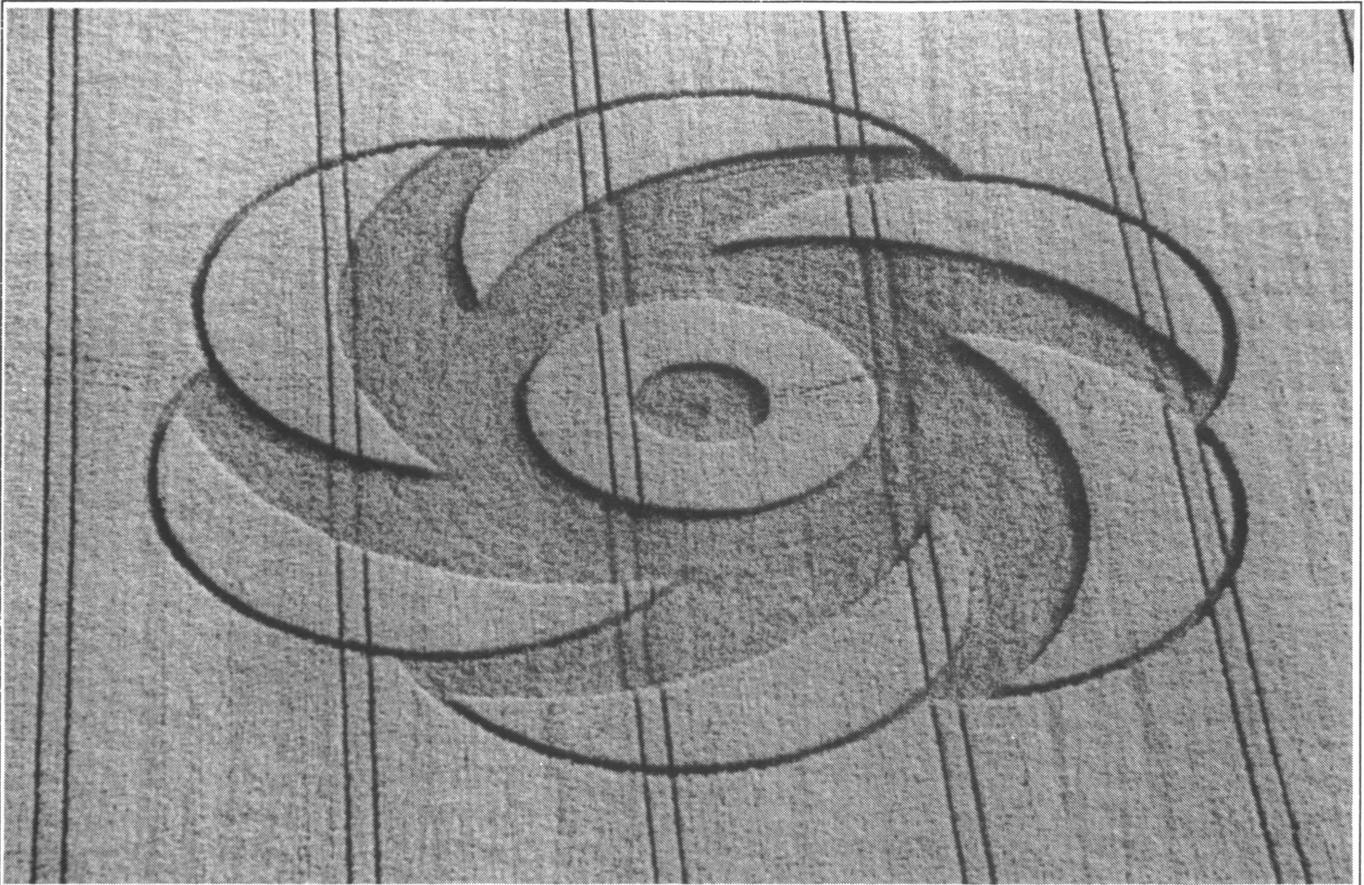
References

- Thomas, A. Fields of Dreams, in *Sightings* magazine, Issue 5.
Allen, M. Cereal Thrillers, in *Nexus* magazine, vol. 3 No. 6

Alluded to:

- Various authors' reports on the Stonehenge formation in 'Crop Circles of 1996' from *Crop Circle Connector* (Internet website), 1996.
The Circular, journal of the CCCS (various issues)
S. C. magazine (various issues)





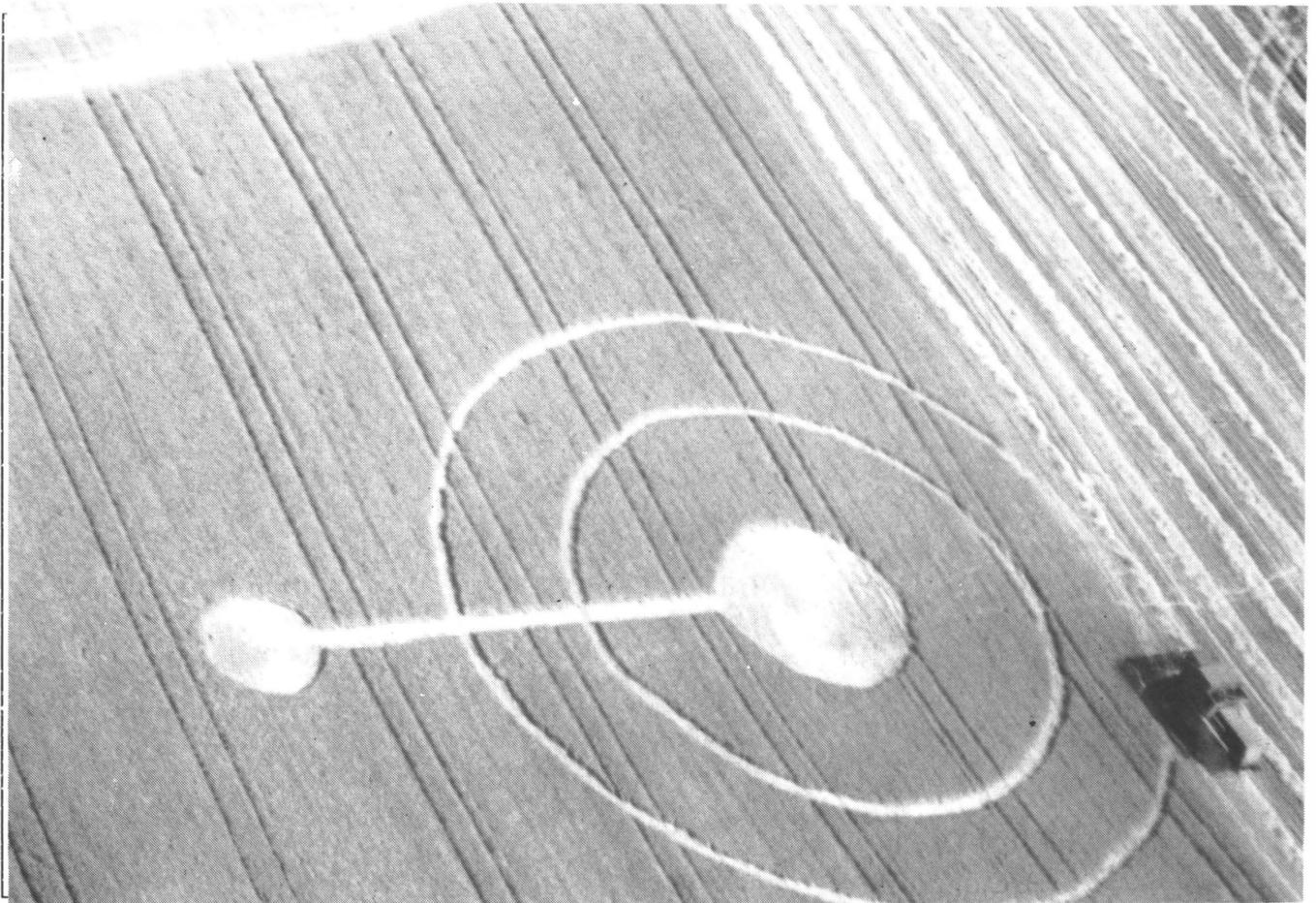
Barbury Castle, Wiltshire May 1996

© Busty Taylor



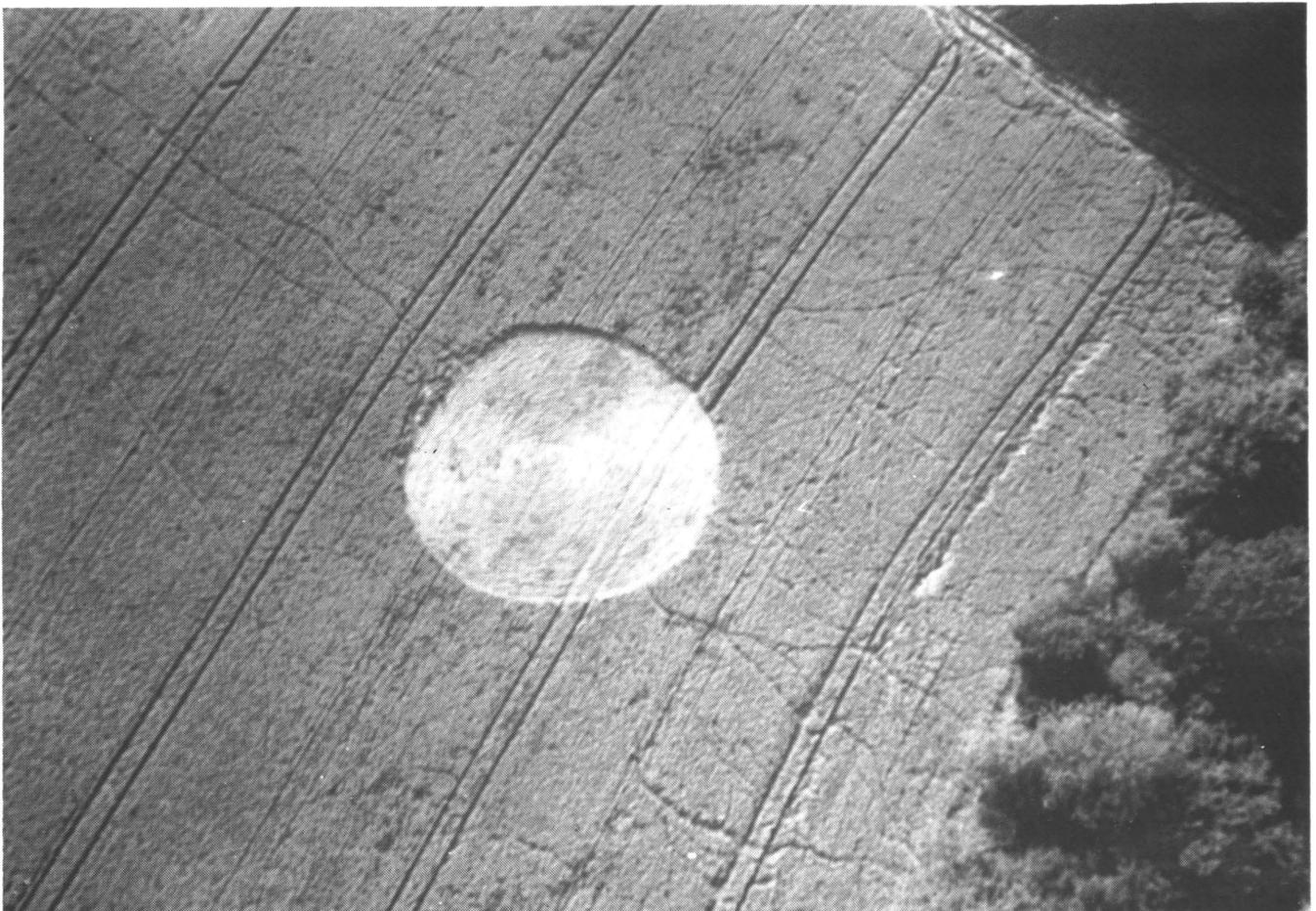
R. D Blois's photograph from our previous issue that was trimmed somewhat over-enthusiastically

Note the Dumbbell - quite unnoticed by the pilot - in the top left hand corner also the hint of three grapeshot on the right.



Warningcamp, West Sussex, In Barley August 1996

© Mike Hubbard



Mannings Heath July 1996 West Sussex

© Mike Hubbard

Dutch Crop Circles in 1996

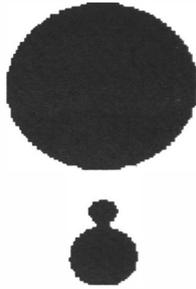
Eltjo H. Haselhoff, Ph.D.

CCCS Holland



The year 1996 was an overwhelming crop circle year in the Netherlands. Ninety formations were reported to the Dutch CCCS which is almost twice as many as the accumulated number of crop circles that have been reported since 1990, the year in which the first Dutch formations was discovered. The designs also started became much more elaborate, and often seemed to emulate the British formations of the early nineties. This report contains all those formations reported during 1996 with the relevant diagram.

1. Almere (Flevoland)

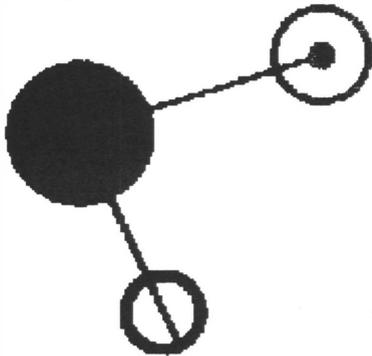


Created: August 3-4th 1996.

Visited: ?

Remarks: All circles clockwise, diameter of large circle varies between 7.10 and 7.40m. The formation was already old when it was visited

2. Almere 2 (Flevoland)



Created: August 3-4th 1996.

Visited?

Remarks: Located in the same field as the other Almere formation. Discovered from the air by the local police. The large circle was flattened clockwise and had a diameter of 17m.

3. Barger-Oosterveld (Drente)



Created: ?

Visited: Not visited by CCCS Holland.

Remarks: Published by a local newspaper on August 8th 1996.

4. Bocholtz (Zuid-Limburg)



Created: ?

Visited: August 17th, 1996.

Remarks: Wheat. Single circle. Access denied.

5. Bovensmilde (Drente)



Created: ?

Visited: July 31st 1996

Remarks: A clockwise circle with 30m diameter.

6. Britsum (Friesland)



Created: ?

Visited: ?

Remarks: Circle, 10m diameter, no access.

7. Bruinisse (Zeeland)

Created: ?

Visited: ?

Remarks: Messy formation, probably a hoax.

8. Burgerveen (Noord-Holland)

Created: June 30th (?) 1996

Visited: July 2nd 1996

Remarks: Oats. This "formation" is most probably caused by over-fertilisation in combination with strong wind. Nevertheless, it should be remembered that an irregular shape is not a conclusive indication of a hoax or wind damage. Particularly in the USA, irregular formations are found which are nevertheless characterised by increased pulvini (nodes) diameters and seed anomalies.

9. Burgh-Haamstede (Zeeland)



Created: ?

Visited August 4th 1996

Remarks: A counter-clockwise, single circle with a diameter of 12.80m. Nice crisp edge. A small dent was found in the centre. In 1994 a crop formation was reported in the same field, about a 100m from this one.

10. Cadzand (Zeeland)



Created: ?

Visited: Not visited by CCCS Holland, reported by a local newspaper on August 3rd 1996

Remarks: Single circle. The owner of the field found a long belt inside the formation and consequently assumed it was a hoax.

11. Colmont (Limburg)



Created: August 3-4th 1996

Visited: August 4th 1996

Remarks: Discovered by a member of a television team, who had just finished a documentary on crop circles the day before. Although the lay of the crop was simply concentric everywhere (no 'galaxies' or other complicated swirls), the formation made a very nice and clean impression. Striking details: note how the two bars are not at opposite positions, but slightly translated sideways, and note how 'the key' is not perpendicular to the rest. Small dents were found in the centre of the large central circle, in the one at the bottom, and also in some other locations, which were no particular points of symmetry (also underneath the flattened stalks).

12. Dirkshorn (Noord-Holland)

Created: ?

Visited: Not visited by CCCS Holland.

Remarks: Reported to the Dutch CCCS on August 3rd 1996. One circle with 10m diameter, surrounded by three circles with 1.5m diameter.

13. Ee (Friesland)



Created: ?

Visited: Not visited by CCCS Holland.

Remarks: single circle with 8m diameter. Discovered on August 8th 1996. Reported in a local newspaper.

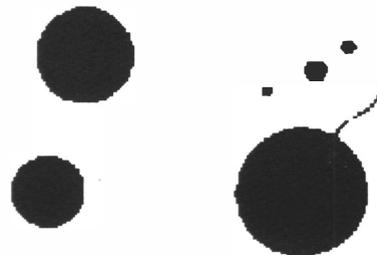
14. Elden (Gelderland)

Created: ?

Visited: ?

Remarks: Not visited by CCCS Holland, reported by a local newspaper ("De Gelderlander")

15. Elkenrade-Wijlre (Limburg)



Created: August 7-8th 1996

Visited: ?

Remarks: All seven circles were flattened counter-clockwise. The smallest circle (50cm diameter) was connected to the largest by a little pathway. The stems in this path were densely twisted together.

16. Emmerschans (Drente)

Created: ?

Visited: Not visited by CCCS Holland.

Remarks: Published in a newspaper. The formation was found near a helicopter workshop. This led to an interesting interview with a helicopter pilot who claimed that a helicopter could easily create a crop circle.

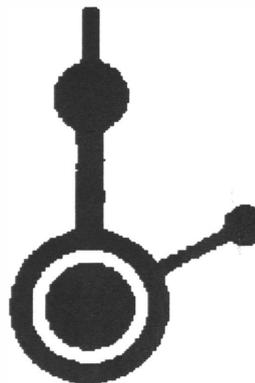
17. Enschede (Overijssel)

Created: ?

Visited: Not visited by CCCS Holland

Remarks: Six circles spotted from a hot air balloon. Reported to CCCS, but never found.

18. Eygelshoven (Zuid-Limburg)

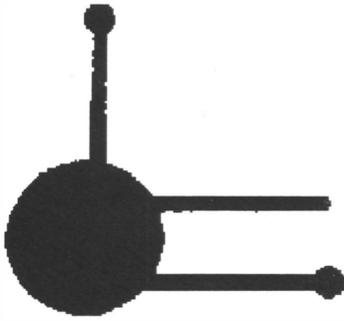


Created: August 5-6th 1996

Visited: August 17th 1996

Remarks: wheat. When the formation was visited on August 17th, it was already severely damaged by visitors

19. Fromberg (Limburg)



Created: August 16-17th 1996
Visited: August 17th 1996
Remarks: wheat. Large circle clockwise, diameter 7.5m. Small circles: one counter-clockwise (on top), the other clockwise, both 1.4m diameter. No traces of human activity found.

20. Graauw (Zeeland)



Created: July 19-20th 1996
Visited: August 2nd 1996
Remarks: Single circle in wheat, clockwise, diameter 8m. Reported by a newspaper, severely damaged when visited.

21. Graauw 2 (Zeeland)



Created: August 4-5th 1996
Visited: August 9th 1996
Remarks: Single circle in wheat (diameter 10.4m) with small protrusion, appeared close to the first Graauw formation in the same field. When the formation was visited, it was nearly untouched. In the centre of the formation broken stalks were found, elsewhere many were bent.

22. ?? (Groningen)

Created: August 4-5th 1996
Visited: Not visited by CCCS Holland
Remarks: This formation was reported in a weekly news-reel (Hier & Nu) on Dutch television on August 5th 1996, after a short crop circle documentary. The news-reader said: "Today a new crop formation appeared in Groningen, and it was immediately de-bunked as well. Somebody would have seen a helicopter hovering above the field, exactly above the spot where the morning after, the crop circles were found". No more details. A nice example of the desperate way many people tend to escape from things they don't understand.

23. Hedel (Noord-Brabant)



Created:
Visited: Not visited by CCCS Holland
Remarks: Discovered on December 23rd 1996. Single circle with 10m diameter.

24. Hellevoetsluis (Zuid-Holland)

Created: ?
Visited: ?
Remarks: Not visited by CCCS Holland, reported by a local newspaper ("Rotterdams Dagblad").

25. Heumen (Gelderland)



Created: July 28-29th (?) 1996
Visited: August 3 1996
Remarks: Single circle in wheat with clockwise orientation of the stalks. Diameter: 7.5m. Well visible from the main road. Inside the formation, a compass needle appeared more unstable than outside.

26. Hoek (Zeeland)



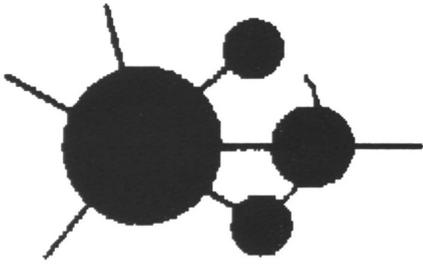
Created: ?
Visited: August 1st 1996
Remarks: single circle counter-clockwise lay, 19m diameter.

27. Hoek 2 (Zeeland)



Created: ?
Visited: August 16th 1996
Remarks: Single circle, close to the first Hoek formation, but in another field. Clockwise lay, nice, crisp edges, 14.5m diameter.

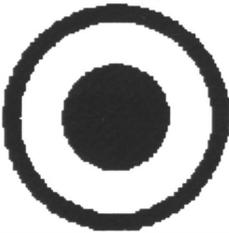
28. Hoeven (Noord-Brabant)



Created: Around October 6th 1996.
Visited: ?

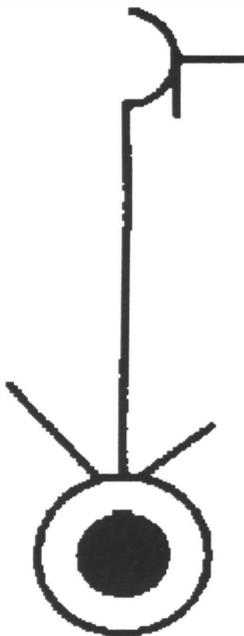
Remarks: the first of a series of seven (!) crop formations in the same grass/winter-barley field, created between October 6th and December 31st 1996. This was the first one, all circles clockwise, max. diameter 3.7m.

29. Hoeven 2 (Noord-Brabant)



Created: Shortly after October 6th 1996
Visited: ?
Remarks: Counter-clockwise, diameter 11.7m.

30. Hoeven 3 (Noord-Brabant)



Created: October 9th 1996
Visited: ?
Remarks: Found at 100m. from the second Hoeven formation. Total length 13.3m.

31. Hoeven 4 (Noord-Brabant)



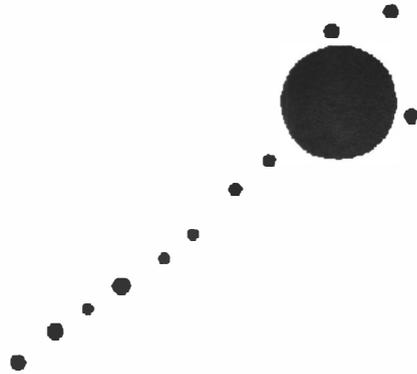
Created: December 4th 1996
Visited: ?
Remarks: All circles counter-clockwise.

32. Hoeven 5 (Noord-Brabant)



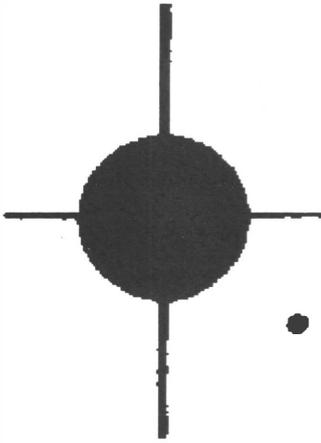
Created: Between December 6-8th 1996
Visited: ?
Remarks: Diameters 2.0 & 1.6m.

33. Hoeven 6 (Noord-Brabant)



Created: December 27th 1996
Visited: ?
Remarks: Twelve counter-clockwise circles in grass and winter-barley. Located underneath high voltage cables. Total length: 33m.

34. Hoeven 7 (Noord-Brabant)



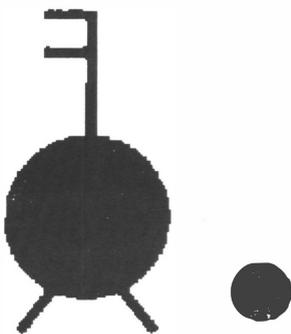
Created: December 30-31st 1996
Visited: ?
Remarks: A pictogram in snow!
Diameter circle: 7m. Corridors: 0.2x3.0m and 0.2x6.0m.
According to the landowner, several years ago a crop circle was found during the summer, on almost the same location.

35. Jabeek (Limburg)



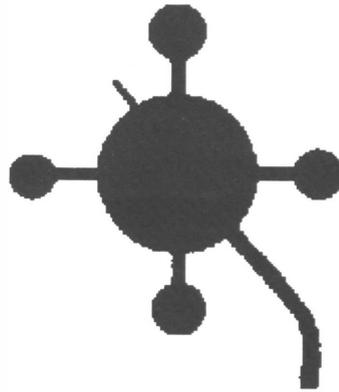
Created: ?
Visited: Not visited by CCCS Holland.
Remarks: single circle, 10m diameter, lined up with the ground navigation lights of a local airport.

36. Kampen (Overijssel)



Created: august 10-11th 1996
Visited: ?
Remarks: Diameter of large circle: 20m. Possibly a hoax. Some visitors did however feel 'energetic effects'.

37. Kerkrade (Limburg)

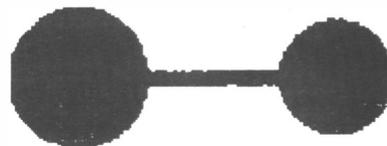


Created: August 10th 1996
Visited: August 17th 1996
Remarks: Wheat. Large circle: clockwise, 17.70m diameter. Small circle: all clockwise. Diameters: right: 5.20m. top: 6.25m, left: 4.90m, bottom: 5.50m. It was noted that the stalks outside the formation were bending down, the ones inside however were still straight. No signs of human presence.

38. Kloosterburen (Groningen)

Created: ?
Visited: Not visited by CCCS Holland.
Remarks: Published in a local newspaper on August 12th 1996.

39. Kommerzui (Friesland)



Created: August 7-8th 1996
Visited: ?
Remarks: Formation looked 'old' when visited. One circle (10m diameter) was flattened clockwise, the other one (12m diameter) counter-clockwise.

40. Kortenbach (Limburg)



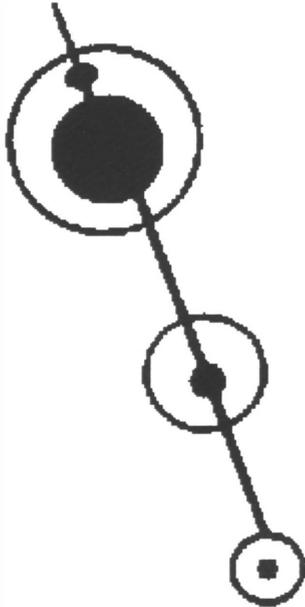
Created: ?
Visited: ?
Remarks: Two circular formations, about 15m diameter approx. 100m apart, visited after harvest.

41. Kruispolder (Zeeland)



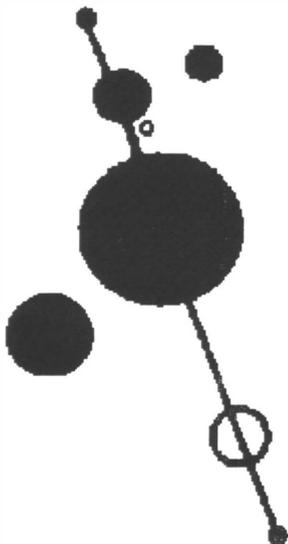
Created: ?
Visited: ?
Remarks: Counter-clockwise, approx. 10m diameter.

42. Landgraaf (Zuid-Limburg)



Created: July 4-5th 1996
Visited: July 7th 1996
Remarks: the first Dutch formation in 1996, in wheat. Located near a main road and well visible. In the night of creation, several UFO's were seen by local inhabitants.

43. Landgraaf 2 (Limburg)



Created: Between July 5th and August 11th 1996

Visited: August 12th 1996

Remarks: at a stone's throw from the first Landgraaf formation, in the same field. Total length: 38m. Note the little (1m diameter) baby circle slightly right above the largest one. A 40cm diameter tuft of crop was standing upright in the centre.

44. Lisserbroek (Noord-Holland)



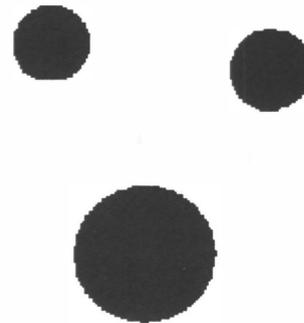
Created: ?
Visited: Not visited by CCCS Holland.
Remarks: single circle, published in a local newspaper on August 7th 1996.

45. Meeden (Groningen)



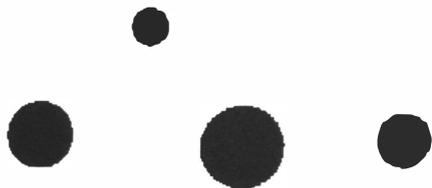
Created: ?
Visited: July 31st 1996.
Remarks: These counter-clockwise flattened circles appeared in a field of six-foot tall mustard plants! The large circle had a diameter of 14m. When one of the researchers entered it, his compass made a 180° turn.

46. Meeden 2 (Groningen)



Created: ?
Visited: August 2nd 1996
Remarks: found at about 2 kilometres from the first Meeden formation. All circles counter-clockwise, with diameters of 16.9m. and 8.5m.

47. Meeden 3 (Groningen)



Created: ?
Visited: September 5th 1996
Remarks: Found during harvesting, probably created at least several weeks earlier. All circles were flattened counter-clockwise. Diameters: 4.6, 3.6 and 2.0m.

48. Middelharnis (Zeeland)



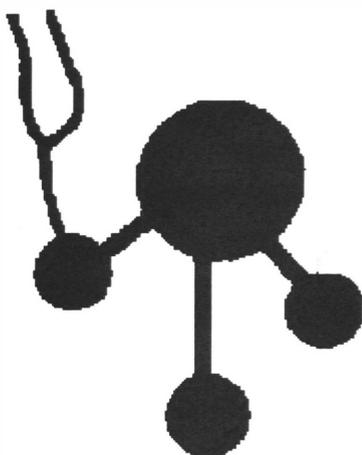
Created: ?
Visited: Not visited by CCCS Holland.
Remarks: single circle with 6m diameter. Discovered on August 9th 1996. Published in a local newspaper.

49 Minnertsga (Friesland)



Created: probably created by the end of July(?)
Visited: Not visited by CCCS Holland.
Remarks: reported by a local newspaper on August 7th 1996. Clockwise flattened circle, with a bare spot in the middle. Claimed by hoaxers.

50. Netersel (Noord-Brabant)



Created: July 29-30th 1996
Visited: August 17th 1996
Remarks: Discovered July 30th 1996, and probably created in the night before. The farmers son is a dowser and told how his divining rod would respond very clearly as soon as he entered the formation. Interesting detail: from a

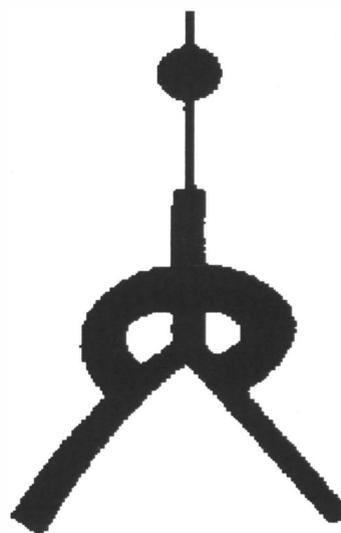
little irrigation canal two traces went to, and came from, the crop formation. They had been there since the first time the farmer found the crop circles in his field. The 15cm wide paths were slightly irregular, and looked like man-made traces at a first sight, but: 1) Inside, the stalks were bent just like in the crop circles, i.e. straight and flat against the soil, pointed towards the crop formation in one path, and away from it in the other - as if it indicated direction, 2) the divining rod of the farmer's son responded clearly to these two traces as well!

51. Nijswiller (Limburg)



Created: ?
Visited: Not visited By CCCS Holland.
Remarks: Grass circle with two bars.

52. Nuth (Limburg)



Created: August 4-5th 1996
Visited: August 12th 1996
Remarks: A very unconventional shape. First spotted from the air. Seen from the air, the irregular shape (diagram is accurate) made it look like a hoax. The lay of the crop was however very complicated, and the brittle soil beneath was untouched. Total length: 57m.

53. Nuth 2 (Limburg)



Created: August 4-5th 1996
Visited: August 12th 1996

Remarks: Another unconventional shape (church window?). Located at a stones throw from ~52. There was no time to do extensive measurements, so the attached diagram is only approximate. Total top-bottom length: about 20m. One interesting detail worth mentioning: the flow of the stalks did not at all follow the pattern. The flow direction would change along straight paths, or the flow would remain identical where the paths were bending. At the bottom, the stalks were bent perpendicularly to the path. At some points, little tufts of wheat would be bent opposite to the main flow. A very impressive pattern.

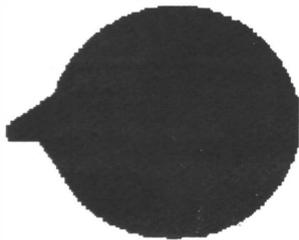
54. Ossenisse (Zeeland)

Created: ?

Visited: ?

Remarks: Not visited by CCCS Holland, reported by a national newspaper ("Algemeen Dagblad")

55. Oud-Beijerland (Zuid-Holland)



Created: August 3rd 1996

Visited: August 7th 1996

Remarks: Winter wheat. Clockwise circle with protrusion, which ends at the edge of an adjacent canal. Diameter circle 19.4m. The centre of the circle is located exactly between the tram lines. Interesting detail: in ancient times there was a castle at this location.

56. Oud_Gastel (Noord-Brabant)



Created: ?

Visited: Not visited by CCCS Holland

Remarks: single circle with 10m diameter. Published in a local newspaper on August 13th 1996. Claimed by hoaxers.

57. Renesse (Zeeland)

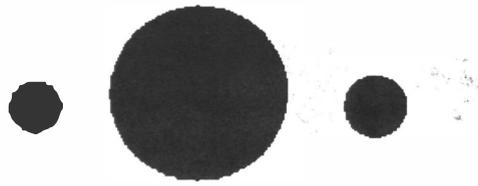


Created: ?

Visited: Not visited by CCCS Holland

Remarks: Located along the Rampweg
Reported: August 22 1996

58. Scharendijke (Zeeland)



Created: between July 22-25th 1996

Visited: July 25th 1996

Remarks: The large circle has a complex lay of the crop and a diameter of 13.3m. The smaller circles are 4.7m and 3.9m diameter. All circles counter-clockwise.

59. 's Heerenhoek (Zeeland)



Created: ?

Visited: July 29th 1996

Remarks: Not visited by CCCS Holland

60. 's Heerenhoek (Zeeland)



Created: August 2-3rd 1996

Visited: ?

Remarks: Single circle, counter-clockwise lay, diameter ranging from 7.5 - 7.8m.

61. Sint-Maarten (Noord-Brabant)

Created: ?

Visited: Not visited by CCCS Holland

Remarks: Published in a local newspaper on August 27th 1996

62. Sittard (Friesland)



Created: ?

Visited: August 1st 1996

Remarks: Clockwise flattened circle with 10m diameter. Not visited by CCCS Holland.

63. Steenwijksmoer (Drente)

Created: ?

Visited: Not visited by CCCS Holland

Remarks: Published in a local newspaper on August 8th 1996.

64. Swichum (Friesland)



Created: ?
Visited: Not visited by CCCS Holland
Remarks: Two circles in grass, created by mowing the grass away. Published in a local newspaper on August 18th 1996.

65. Swifterband (Flevoland)



Created: ?
Visited: ?
Remarks: single circle, mowed away.

66. Tricht (Gelderland)



Created: around July 30th 1996
Visited: ?
Remarks: In the centre of the large circle a cavity was found. There was a suspicion that this might be a hoax. Two years ago another formation was discovered in a nearby field.

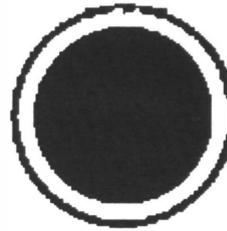
67. Ubachsberg (Zuid-Limburg)



Created: ?
Visited: ?

Remarks: Two circles about 500m apart. One counter-clockwise, the other with complicated, swirling lay.

68. Uden (Noord-Brabant)

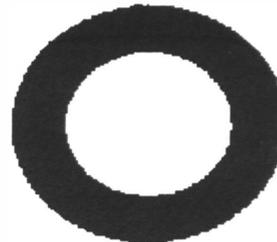


Created: ?
Visited: July 30th 1996.
Remarks: The large circle and one of the smaller ones had a counter-clockwise lay, the other two were clockwise. Some time after the discovery, a 20cm wide ring appeared around the large circle which might have been hoaxed.

69. Vaals (Limburg)

Created: ?
Visited: ?
Remarks: Not visited by CCCS Holland, reported by a local newspaper ("De Limburger")

70. Veere (Zeeland)



Created: August 1-2nd 1996
Visited: ?
Remarks: A single clockwise flattened ring, created during the night. The width of the ring was 3.40m. while it was not perfectly circular - its diameter varied between 12.80 and 15.30m.

71. Veersedam (Zeeland)



Created: August 4th(?) 1996
Visited: August 6th 1996
Remarks: Wheat. Large circle: anti-clockwise, diameter 9.6m. Located exactly between two tramlines.

72. Veghel (Noord-Brabant)

Created: ?
Visited: Not visited by CCCS Holland
Remarks: small circles in a crop field, between Mariaheide and Uden.

73. Voerendaal (Limburg)

Created: ?
Visited: ?
Remarks: Messy formation, lots of standing crop, probably a hoax.

74. Waarde (Zeeland)



Created: ?
Visited: Not visited by CCCS Holland.
Remarks: Single circle of 6m diameter, discovered August 8th 1996.

75. Waddinxveen (Zuid-Holland)



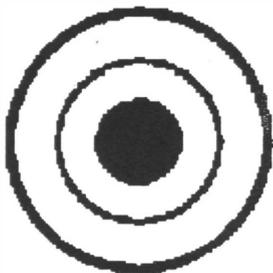
Created: ?
Visited: Not visited by CCCS Holland.
Remarks: single circle with tuft of standing crop in centre. Published on August 9th 1996 in a local newspaper.

76. Wanroy (Noord-Holland)



Created: First half of August 1996 (?)
Visited: Not visited by CCCS Holland.
Remarks: single circle, diameter 18m. According to a local inhabitant "fairly strong radiation" was measured near the centre of the formation only (no more details)

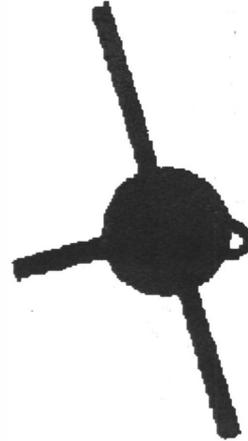
77. Welte (Zuid-Limburg)



Created: between July 20-25th 1996

Visited: August 2nd 1996.
Remarks: Very close to the other Welte crop circle, and discovered around July 30th (?). Not a lot to say about it: an elegant circle with two concentric rings in wheat. Total diameter: approx. 17.50m.

78. Welte 2 (Zuid Limburg)



Created: between July 20-25th 1996
Visited: August 2nd 1996.
Remarks: Wheat, total length 51m. Extremely complicated lay of the crop!

79. Westerschouwen (Zeeland)

Created: ?
Visited: Not visited by CCCS Holland.
Remarks: reported by a local newspaper on August 7th 1996.

80. Witten (Drente)



Created: ?
Visited: Not visited by CCCS Holland.
Remarks: Single circle, reported by a local radio station ("Radio Noord").

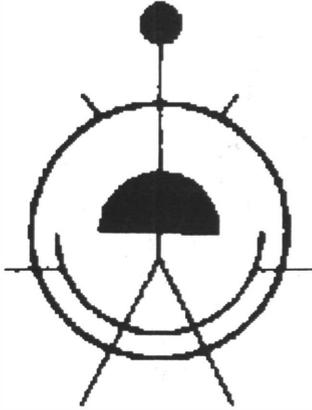
81. Zutphen (Gelderland)



Created: August 17-18th 1996
Visited: ?

Remarks: Discovered from the air by a pilot on his first flight! All four circles had a counter-clockwise lay. A white powder was found in one of them, which is currently being analysed. During the time of creation several UFO's were seen by local inhabitants.

82. Zutphen 2 (Gelderland)



Created: august 19-20th 1996
 Visited: ?

Remarks: Discovered from the air together with the first Zutphen formation. An article appeared in a local newspaper, after which the owner of the land had the formation mowed away. Two years before, crop circles had also appeared in this field.

83. Zwartmeer (Flevoland)



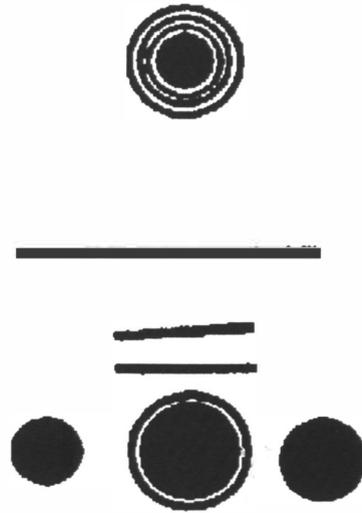
Created: ?
 Visited: Not visited by CCCS Holland.
 Remarks: reported by a local newspaper on August 3rd 1996. Two circles, the largest of which with a diameter of 30m.

84. Zwarte Waal (Zuid-Holland)



Created: ?
 Visited: ?
 Remarks: single circle. Not visited by CCCS Holland, reported by a local newspaper ("Rotterdams Dagblad"). Diameter 25m.

85. Location unknown (Limburg)



Created: ?
 Visited: Observed on August 10th 1996
 Remarks: seen from the air, exact location unknown.

86 - 89 Location unknown (Limburg)

Created: ?
 Visited: Observed on August 10th 1996
 Remarks: Four more formations, mostly single circles, seen from the air by CCCS members. Exact locations unknown.

90. Location unknown (Limburg)



Created: ?
 Visited: Seen from the air on August 10th 1996.
 Remarks: Two double rings in a crop that looked like beets or something similar (short dark green, and not dense). Exact location unknown.

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**COMMUNICATION -
THE CIRCLEMAKERS
THROW US A CURVE
BY RON HILL**

Once again the season has opened with that variety of decorative crop vandalism which some otherwise well-meaning individuals have termed Gifts from the Circlemakers. Others see in this crop artistry a desire and a means to communicate with us Earthlings.

If this latter is the case then these galactic would-be educators having tried patiently for twenty years, to teach us like children, seem to be failing dismally. Indeed what has any circle told us so far?

Suppose your children came home from their first days at school and when asked what they had been learning said "We are learning to count" . "Oh good" you reply "show me how far you can count up to."

"One, nine divided by eight, five divided by four, four divided by three, three divided by two, five divided by three, fifteen divided by eight" comes your child's reply. "Well, did you learn the alphabet?" you ask feeling rather baffled. "Yes we said all the big circles first, then we learnt them as they got smaller and smaller and went all swirly."

You have one last try: "Did you draw any pictures?" "Um yes, teacher put a book on her table and we had to draw it" answered the child, bringing out a sheet of paper covered all over in a hotchpotch of different sized circles "teacher said it looked just like the book."

Odd you might think, wondering what happened to the way that you learned to count and read.

It would of course be quite pointless to expect anyone to have learnt anything that was taught in this manner. So why do we have this insistence that diatonic ratios and pseudo-fractal designs are a means of communication between highly advanced aliens reeking of perfection, and our uncivilised barbaric selves?

If I might give a tip to these same aliens: If you wish to establish a dialogue with us and you can only communicate dumbly in circles and curves, then try making a line of circles (starting with one of unit diameter, like 1 Pleidian yogg for instance) and then increasing the diameter of each successive circle by one unit at a time. Then you are starting to talk our language. The idea is not Earth copyright and you may use it freely.

Alternatively, YOU learn OUR language, and when you can write it legibly, copy your message on to what we call paper and push it through the mouth of one of our stationary robots that we call Pillar Boxes (you cannot miss them, they are red and have a circular top).

..... You will be amazed how quickly we learn in that way!

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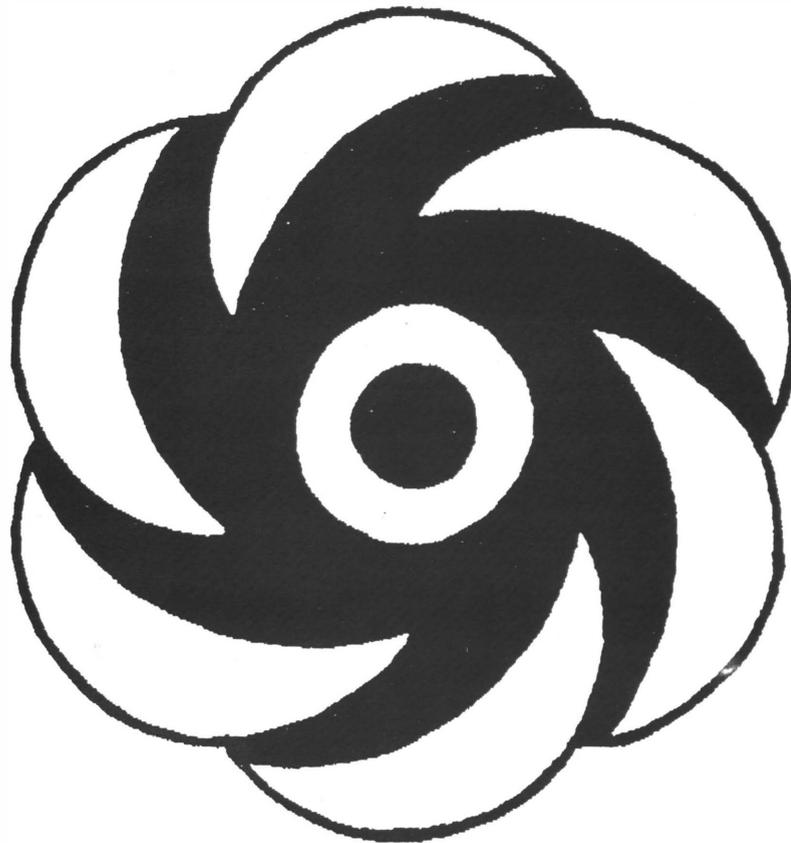
FORMATIONS APPEAR IN WOOD

Reports of the appearance of miniature formations in wood at Salisbury, Wiltshire, have been confirmed! Crop circle enthusiast and wood craftsman Paul Edwards is establishing a small business, Golden Age Woodcrafts, producing replica railway signs and crop formation models as wooden plaques.

The first production model is of the latest Barbury Castle (Catherine Wheel) formation, and others are planned in the near future (See advertisement in our next issue). This is made from a 9½" diameter plaque in sycamore, and other shapes and sizes will be used for the more elaborate formations. A coat of acrylic paint is applied to the surface to represent a typical crop coloration, and the design is then machine-cut into the surface (tram-lines excluded!).

Paul takes great care to ensure the most accurate possible reproduction of design, using the most appropriate scale for each different pattern. He has produced several scale drawings using aerial photographs, but would welcome assistance from anyone who has accurate drawings, or simply suggestions or preferences for future models.

The Barbury Castle model is now available at a special 'launch' price to readers of *The Circular* of £15 (including post and packing within the UK mainland only. Overseas P&P by negotiation) from:
Golden Age Woodcrafts, 107 London Road, Salisbury, Wilts., SP1 3HA. (Tel: 01722 334794)



Sunday, 20th. April 1997. Crop circle in oilseed rape below Barbury Castle (to the north-east (SU 157777)?). Very similar to last year's Littlebury Green, Essex formation: ringed circle with six half-crescents (clockwise direction) fanning out to outline. Overall diameter is c. 160'. Central circle 18-20', diameter of standing ring 48-50', diameters of seven rings which form basis of design 78-80'. There is also a 3-4' grapeshot nearby.

The Barbury Castle 'Catherine Wheel'

© John Sayer

Polly Keck's Crop Circle Art

by Kathie Murphy

The crop circle phenomenon has seized the attention of New-Agers and stockbrokers alike. Each year, thousands of mysterious, and some say, alien, designs appear overnight in cereal fields throughout the world, with over 3000 alone in England during 1994.

The Centre for Crop Circle studies (CCCS), based in Andover, England, boasts 550 members world-wide. Crop circle devotees, or croppies, spend most of their time tracking crop circles, but none have ever witnessed the formation of the unique and elaborate patterns which can be viewed as a whole only from high above the ground.

To many people, art means the "Mona Lisa" or "The Thinker". Norris (Tennessee) artist Polly Keck had a nine-to-five job (just) like everyone else. Then, early in 1994, she became interested in the crop circles after a friend and fellow artist went to the Annual Crop

Circle Conference held in England. He sent her a picture of the "Scorpion" circle. Keck's astrological sign, and said she needed to come to England to see crop circles for herself.

In May of 1995, she says, "Something magical took place in my life."

A commission was offered to her for five pieces of pottery depicting crop circles, along with the necessary funds to attend the 1995 CCCS Conference. Upon her return home, her patron financed the completion of her studio, equipment and supplies.

"I knew I was supposed to go to England. It was like having a little crumb dropped on the ground in front of me to show the right path. My life changed forever."

She quit the 9 to 5 and never looked back.

Keck is an intensely energetic woman with a hearty laugh and an enthusiastic admiration of the great beauty in the spheres.

"Each crop circle is a perfect blend of art and geometry," she says. No one knows who makes them, of course, but we believe they are not made by human hands."

The circles are not just circles. They are fantastic animal shapes, otherworldly musical notes and spider-webs. Some are solar systems in a distant universe, concentric rings with planetary objects in their orbits. All are geometrically balanced and perfect.

They begin to appear in the fall of each year, when the grain is at its tallest and ready to be cut. Circle designs have formed in wheat, oats, rape-seed, corn and any other grain. They range from about 60ft in length to the largest, Scorpion II, which covered 800ft. The design sometimes lasts as long as a year, and can be still seen even after the field has been mowed.

The pattern descends on a field softly. The grain stalks are never broken off, but laid down gently and with great care. One way cereologists can tell a design has been the work of humans is that a hoax pattern shows evidence of stem breakage.

Keck had her chance to view a crop circle from inside when she was at the CCCS Conference. She got word of a new circle formed the night before near Avebury, England, where she was staying. She and her hosts, who had never before seen a crop circle, made the journey to the nearby field and Keck was able to walk around in the maze of grain.

"For me, it was a totally energised experience," Keck says. "I had a feeling of absolute joy the moment I entered the circle and

sensed that whoever made this design could never be other than gentle and caring."

"There were some incredibly complex designs this year, more graphic and elaborate than before, and every year seems to end with a 'grand finale', a masterpiece by the artist."

"I find myself wanting to be more and more creative," said Keck. "The 'Double Helix' circle should be a sculpture. Some of the designs are more suited to medallions, others to clay slabs on

wood. The designs suggest a form and I follow their suggestion."

She hopes to return to England every year for the annual conference and to experience more crop circles. Keck found after her initial investigations into the crop circle phenomenon that at least two crop circles have appeared in a field in East Tennessee, one in Union County and the other in a field in West Knoxville.

The surrounding article was sent in by Kathie Murphy, a reporter for the Knoxville News-Sentinel. After writing this she became a member of CCCS. Despite a fair amount of rhetorical and inaccurate data, much of it anecdotal, it is typical of the type of information that circulates on the fringe of our phenomenon. No doubt Kathie has become better informed about crop circle numbers and sizes and despite some of the dated material, I thought it well worth inserting for your information. It is always interesting and refreshing to hear how the phenomenon strikes into the lives of others. If any of you know of others who are working on the fringe of the phenomenon, then please let us all know a little about it.Ed.

The intriguing possibilities of the Crop-circles still remain. Maybe that's why so many people are interested in them. Major television network programmes have been devoted to crop circles and why they appear. The question has been asked, if there is a message in these majestic patterns, what is it?

"If you have experienced a change in your life," she says. "My life change came about when I realised that the spiritual path I was taking would lead me to a greater understanding of life and how we relate to the Earth and other dimensions. I hope to demonstrate that in my art."

Keck's artwork and videos of the crop circles will be displayed today as part of the New Earth Festival at Day's Inn on Merchants Drive in Knoxville.



Kathie Murphy photo

Polly Keck displays a piece based on a crop circle in England entitled "Brain" or "DNA." Keck's artwork and videos of the crop circles will be displayed today as part of the New Earth Festival.

Preliminary Notice

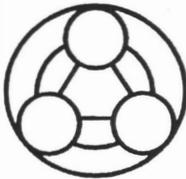
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Carol Cochrane

Andy Thomas

Jim Lyons

(Others to be confirmed)

CROP FORMATIONS: THE BIOPHYSICAL PERSPECTIVE (#2)

by Nancy Talbott

In the Winter 1996 issue of *The Circular* (issue #27) we presented an overview of the basic alterations discovered in crop formation plants by Michigan scientist Dr Wm. C. Levensgood, and the fact that these plant abnormalities are *not* found in plants that have been manually flattened through the use of feet, planks or rollers in several different control studies.

Some of these control studies were carried out in England by John Burke and myself in East Field, with the kind permission of the Carson Family, and others were performed by other British field teams at our request in other parts of England. An additional control study was also carried out by a professional seed-growing company in Blissfield, Michigan (USA) and the results reported in Lab Report No. 27 (October 1994).

The results from all of these trials, which replicated as closely as possible reported methods of manually-flattening crops by self-proclaimed "hoaxers", revealed – unequivocally – that *none* of the physical abnormalities consistently documented in crop formation plants were present, to a significant degree, in *any* of the control plant samples. Somebody, it seems, is enjoying a good chuckle at the expense of many well-intentioned, good-hearted – but uninformed – souls. I suppose it's a nasty job, but somebody just had to do it.

The facts are that a very modest degree of node expansion and a minor degree of node bending (neither even beginning to approach the significance level regularly found in samples meticulously examined in our laboratory, as well as two 'split' nodes and two 'cavities' were all that was ever found in these control studies. In fact, the two split nodes and two cavities discovered in the Michigan trials were quite different from those found in crop formation samples, indicating applied bending stress rather than a pressure-release from within the plant. It was also noted that the very slight node lengthening and node bending was markedly less, and statistically insignificant, when compared to the huge majority of typical samples.

It is important to remember that the results reported in our many lab reports and in the scientific papers are based on the examination of literally thousands of plant samples and controls, taken from crop formations in several different countries around the world for more than seven years – and by hundreds of different field-workers. We – Dr. Levensgood, John Burke and myself, and the many hard working personnel around the world – are not fooling around here. We have not spent all this time, and energy, and money to amuse ourselves (although we are, sometimes, definitely amused), nor are we overly invested in obtaining one result over another. Dr. Levensgood is a very well-educated, knowledgeable, professional biophysicist, utilising his many years of scientific training in an attempt to better understand this tantalising mystery in our fields; and the rest of the team is doing its best to follow his lead.

I, personally, am intensely grateful for Dr. Levensgood's expertise and interest in crop formations since, without his efforts and meticulous documentation, we might all be more easily persuaded that nothing of import, nothing more than the mundane was, in this situation, "afoot with the cosmos." Instead we now have a truly massive amount of data that strongly indicates otherwise. The O. J. Simpson trial aside, in a court of law we would already have been vindicated.

An additional control study is in progress this summer, in the USA, the results of which will be made available when the work is completed. We are also writing a third scientific paper which will, hopefully, be published within the year. Almost weekly

Nancy Talbott of the BLT Team continues her series of articles into the cause and effects of the crop circle phenomenon.

sometimes, certainly monthly, new bits and pieces of information surface from the laboratory work; and although correctly assimilating these new findings into a coherent, durable theoretical construct is (for me, anyway) the challenge of a life-time, progress is being made.

It was my intent to discuss the theoretical model developed by Dr. Levensgood and John Burke in the last several years as a possible causative agency behind the crop circle phenomenon in this issues column. Due to other work demands, and several other factors, I must wait for a future column: it will be forthcoming as soon as possible. In the meantime, the laboratory results from the amazing 1996 "Julia Set" formation have just become available and I thought readers of *The Circular* might find them of interest.

A VERY WIDELY DISPERSED "SPILLOVER" ENERGY EFFECT AND OTHER UNUSUAL RESULTS FOUND IN THE 1996 "JULIA SET" CROP FORMATION.....

Over the past several years the laboratory analysis of thousands of plants sampled in crop formations and compared to their controls (plants taken from outside formations, at various distances away from the downed-crop areas) has allowed Dr. Levensgood to recognise a considerable range of energy effects in the formation plants, as well as unusual germination results in seeds taken from these affected plants and subsequently germinated in the laboratory. Although particular findings vary from formation to formation (and even within a given event) and from crop to crop and month to month, a certain "energy signature", or range of energy effects has come to be associated with all but the man-made events. It is sometimes a matter of the degree of these alterations, or the numbers of different types of abnormalities, or abrupt boundaries between the changes observed; sometimes it is in the interactions between these anomalous findings and/or their significance in the face of the accumulated data so far that reveals statistical significance concomitant with the rigorous standards we are applying to our study. In the case of the visually dramatic 1996 formation on the Sandell farm near Stonehenge, the lovely "Julia Set", the findings were every bit as complex and intricate as the design itself.

Although the field sampler in this case, Chad Deetken of Vancouver, Canada, was apparently unable to complete our standard and more comprehensive sampling protocol, he did supply us with a sufficient number of seed heads, all carefully labelled, from a number of different locations within various types of downed-crop circles and from a standing "tuft" in the centre of one of these downed circles, as well as control seed-heads taken from 0.5 inches outside the downed crop up to 300ft north of the event. These samples and controls were substantial enough to permit us to conduct a comparative analysis of seed characteristics and growth patterns. Since we did not have entire sets of plants to evaluate we would most likely have been unable to report our laboratory work at all, had the germination results not been so striking. [See diagram #1]

FIGURE 1: Field Sampling Diagram

Formation: Stonehenge "Julia Set"
 Crop: Wheat (heads only)
 Date Formed: July 7, 1996
 Date Sampled: July 13, 1996
 Lab Code: KS-03-154

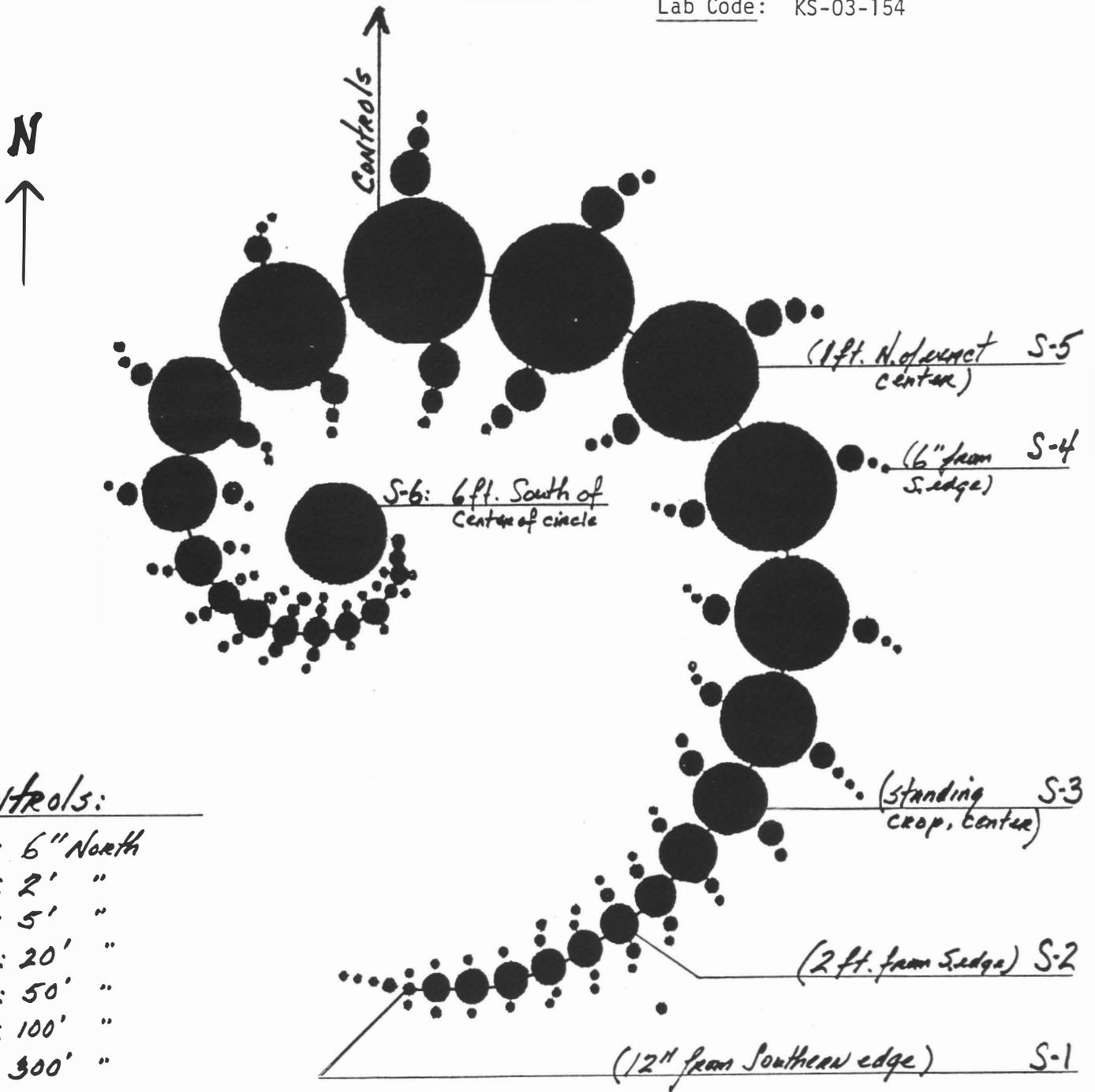


FIGURE 4: Seedling growth differences in seeds taken from spillover-affected, standing "control" plants outside visible formation, at 13 days germination. Photo 1 shows normal height and growth variation; photos 2 & 3 show marked delay in germination and unusual uniformity of development, but without concurrent evidence of pathogens, chemical application, or mechanical injury.

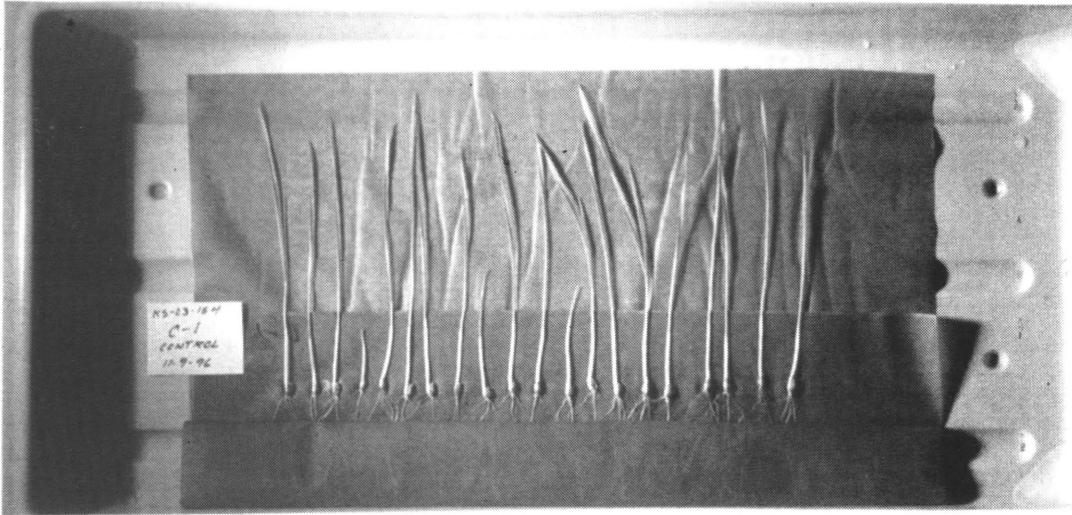


Photo 1:
C1 seedlings from
0.5 ft. outside
downed formation.

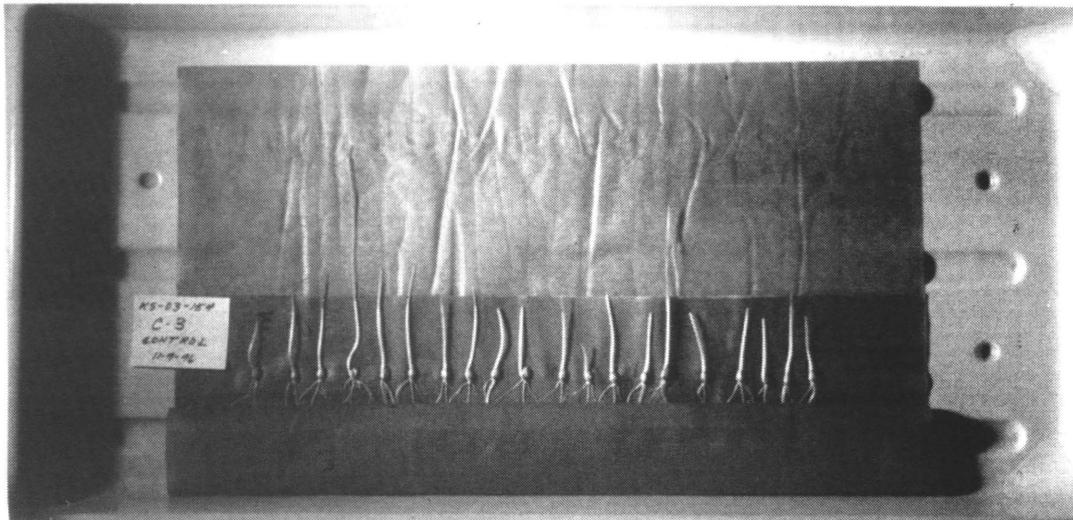


Photo 2:
C3 seedlings from
5 ft. outside
downed formation.

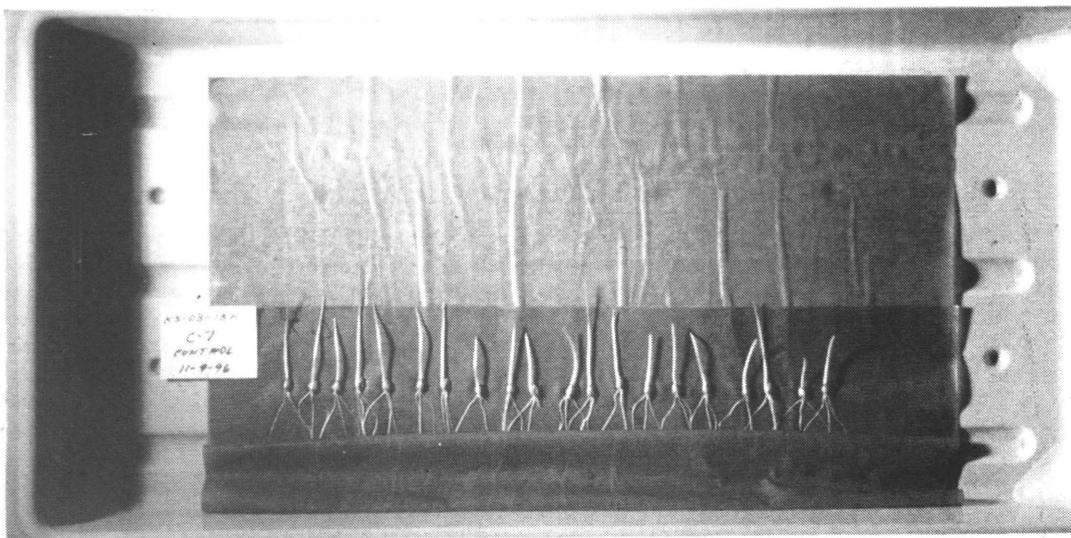
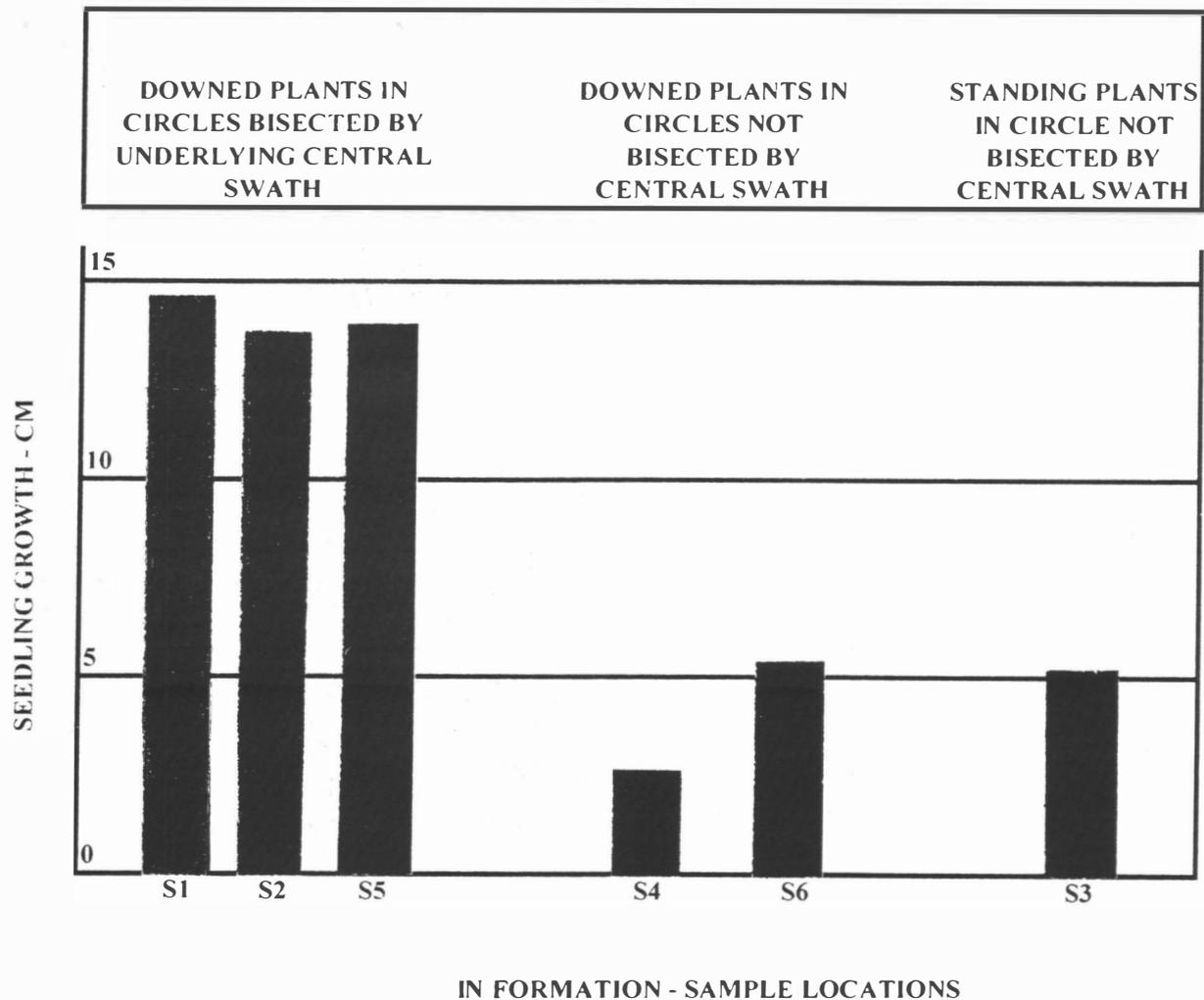


Photo 3:
C7 seedlings from
300 ft. outside
downed formation.

Fig. 5:

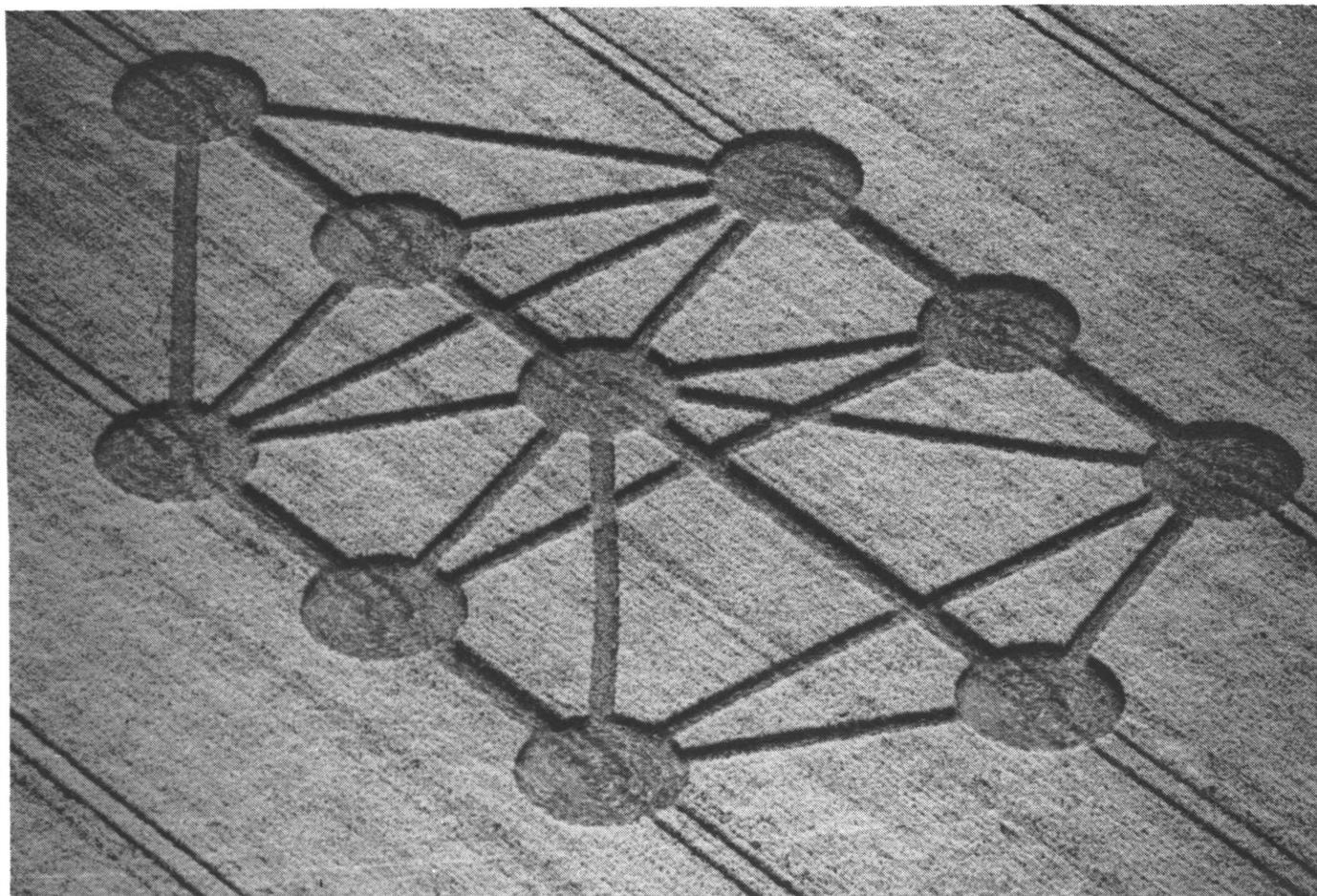
13-day seedling growth in seeds from plants sampled at various locations within the visual confines of the formation. "Central swath" refers to the narrow connecting path of downed plants which ran underneath, and along, the spine of the primary spiral.

[Note the delayed growth in seedlings from downed plants which were not connected to the primary formation by the underlying narrow swath (S4 and S6), as well as in the upright, standing crop (S3) from a circle which was bisected. This marked variation in seedling growth appears to indicate the presence of horizontal and vertical layering, or confinement, of the formation energies.]



But striking they were: not only did we find massive delays in the amount of time taken by the seeds from downed circles and standing crop *within* the visible portion of the event to begin to sprout, the seeds from different locations all did so in a location-dependent manner. Even more surprisingly, the so-called "controls" (those seed-heads gathered *outside* of the visible downed-crop circles) were both as *severely* and as *variously* affected as were the supposed "samples" from inside the "Julia Set," up to a distance of 300ft away from the visible, downed-crop part of the formation. [See fig 4] Because of this great delay in onset of germination was not accompanied by any standard laboratory evidence of the presence of pathogens, chemical application or mechanical injury (all of the seeds

germinated at the 100% level eventually, and the root and shoot development was entirely normal) and because there was markedly unusual *uniformity* of seedling development once germination was accomplished, and also because there was a significant reduction in seed weight from the downed-crop samples, we realised that the entire field, or certainly a significant portion of it (perhaps extending 500ft outside the visible downed-crop part of the formation), had been subjected to one specific component of the complex energy system involved (a component containing a high degree of ionisation), thus influencing the normal growth patterns of all of the seed submitted to varying degrees – both downed and standing crop, and inside and outside of the visible event.



Because Dr. Levingood has extensive experience working with a large number of plants and seeds he is well acquainted with the normal germination and growth characteristics of the specific genus and species of wheat involved in this case (*Triticum aestivum*, bearded-Soissons variety). Therefore although he was supplied with no seeds which could, with confidence, be considered to be controls in this case, he was able to predict with considerable experiential certainty the germination and growth-rate characteristics which could be expected from the "Julia-Set" seeds. After running two germination trials to re-check the initial results, he decided to run a third test in which he substituted seeds from a U.S. winter-wheat variety ("Chieftain") which is very similar to the "Julia-Set" seed-type, as controls. This third test, called the 'Redox Technique', measures the respiration activity in the germinating seeds and clearly revealed (supporting the initial findings in the first two tests) massively altered and abnormal respiration 'burst' in the intracellular mitochondria of the seeds. This is strong evidence that at least one component of the energy involved in the creation of this formation is highly ionised, since during these abnormal 'bursts' (or cycles) greatly increased free radical content was observed – an expected by-product of the natural, anti-oxidising recovery process of the seeds after having been exposed to induced ion gradients.

This examination of the respiration process in seeds (in fact in all living organisms) is very complex: what is important to grasp here is the fact that the Redox Technique does, in fact, measure certain aspects of the respiration process and that these were markedly altered, and with great variability, in the "Julia Set" seeds – a situation which does not occur either in normal, unaffected seeds or in seeds taken from manually-downed crop (much less in standing crop 300ft away from a crop formation).

The great variability, the differences in seedling growth discovered in seedlings germinated from plants sampled within the downed areas inside the visible portions of the formation, is also very significant. All of the plants sampled from downed crop in the circles connected by an underlying central swath revealed nearly normal growth rates; however the downed plants taken from circles which were not lying on this underlying swath showed markedly reduced growth rates. And a sample taken from standing plants in the centre of one of the downed circles which was bisected by this underlying swath also showed this markedly reduced growth rate.

As you can no doubt see, the energy effects are very, very complex. Very subtle gradients of several different kinds of energy, and very sharp well-defined boundary effects are evident here, and there is a great deal still to be learned by studying these events. Had this formation been sampled in much greater depth we might have been able to discuss these subtle effects more thoroughly; as it is, we were able to illustrate clearly some of the intricate effects and interactive aspects of the energy systems involved, hopefully encouraging others to consider thoughtfully this intriguing phenomenon.

A complete copy of the "Julia Set" lab report is available, with colour laboratory photos of germination trials, for \$10 US: please make cheques payable to Nancy Talbott and mail to the office address in Cambridge, Massachusetts, USA

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ANCIENT WISDOM, LANDSCAPES AND SACRED SITES

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JOURNAL

PRESS RELEASE

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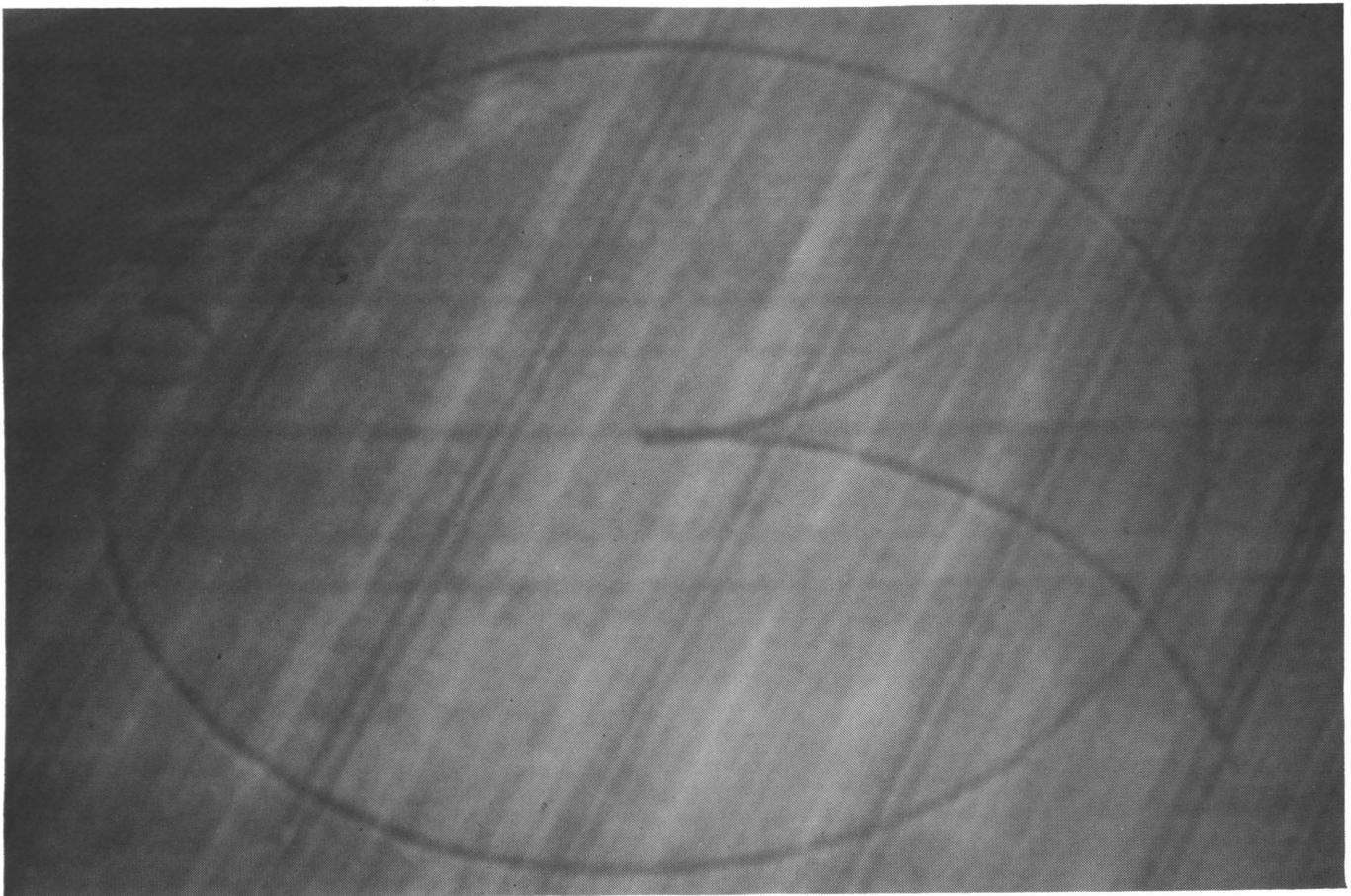
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Barbury Castle 30th April 1997

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Strethall, Essex 21st April 1997
This one with signature! Remember Stonehenge?

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