



In Yesterday's
Football:

FOUR HAT-TRICKS!

Chelsea 6 — Liverpool 6

SPORTS Section, page 1

Weather:
Rain in most
places, cold,
frost tonight



NEWS
Section page 7



The Sunday Herald and Globe

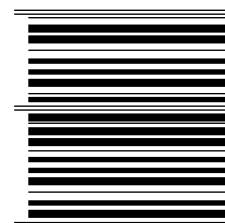


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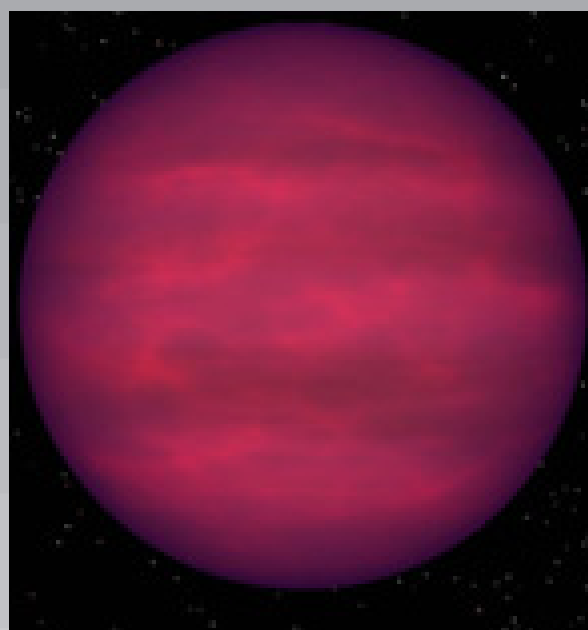
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EXCLUSIVE

Aliens: 'We're Sorry for Black-Out'



A typical 'brown dwarf' star (which as we explained last week is more likely to be pink or purple than brown), that is probably similar to the one that caused our Great Black-Out.

Illustration from *Wikipedia*.

Last week this newspaper exclusively revealed why the Earth suffered the Great Black-Out last summer.

This week we can reveal that the Aliens, who call their planet 'Yuom', claim to have made **A GENUINE MISTAKE**, in that they didn't know that we as a race existed.

On the following pages we continue the account given exclusively to us by the scientists at the Department of Astrophysics, the Department head, Dr Ivan Bassinger and research students Anna Hobson, Clive Morgan, Martin Smith and Louisa Taylor of the University of Exmoor at Tiverton, Devon, and Assad Jamir of the Press Association

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GREAT BLACK-OUT – 'ALIENS ARE SORRY'

More from our Alien Neighbours

by Ivan Bassinger and his team

We have continued monitoring signals from the Aliens. Their star, a 'brown dwarf' was flung out of its orbit with another star, and is very weak in energy so they

must get it from elsewhere.

They checked the Earth 3000 and again 200 years ago and found no signs of a civilization here.

So we were added to their list of energy sources.

By finding our radio emissions, they discovered only *after* they had started their raid on our Sun's energy, which caused the Great Black-Out, that our civilization existed. The raid had to follow its course. As soon as they could master the English language from our cacophony of radio signals they sent us an **apology**. This is of no value to

any of the millions who died, but at least gives the rest of us some confidence in their future intentions.

It is now up to the Politicians of this World to decide what action is appropriate. They need to hurry; our time for prevarication is limited.

The Aliens Apologise

by Ivan Bassinger, PhD

The aliens who caused the catastrophic black-out earlier this year have **apologised to us all for causing the mayhem of the Black-Out.**

They have sent us a message saying that they were not, when they ordered the 'raid' on our energy, aware of our existence. And if they had been, they would never have tried to extract energy from our Sun.

How Do We Know This?

After the publication of our revelations last Sunday, we have been continuing to analyze the signals from the alien planet.

To recapitulate what we were able to reveal last week: the aliens are one light-year away from us; their planet orbits a star (a 'brown

dwarf') which emits very little energy; as a result, they need to obtain energy from other stars that are relatively close to them and our Sun happens to be the nearest.

So for over three months last summer, they drew energy from the Sun, which also meant that they drew energy from our planet causing the mayhem and destruction that we all experienced.

After that, our lives returned to some kind of normality as Planet Earth recovered from the disaster that the aliens had wrought upon us.

Then one of my research students, who happened to be monitoring the aliens' transmissions at the time, burst into my office with the astonishing news that...

...They Can Speak English!

by Clive Morgan, post-graduate research student at the Department of Astrophysics, Tiverton, Devon

After all that we revealed in last week's issue of *The Sunday Herald and Globe* about the alien star with its planet and the occupants' problems trying to get enough energy to survive, bearing in mind that their star is dying, we continued to monitor the signals from them.

For several days the signals came in and were quickly scanned by a computer program to ensure that they contained nothing new of interest. It turned out that they were simply repetitions of earlier signals, apart from differences where they showed countdowns to future 'raids' on stellar energy.

We managed to identify some of the other stars in their list of potential sources of energy, such as Sirius, Procyon, and Epsilon Indi which are all fairly nearby stars. Times for the 'raids' on their energy appeared as well as other useful or known information about these stars.

They have been scanning all these stars and trying to see if they have any planets with intelligent life on them and if so they avoid them.

Everything appeared normal as regards the images: they kept being repeated in the same fashion as before. A computer program converted them to the image pages we've seen, and also recognized any known words and numbers, which it converted to forms that we could understand. Every now and then I took a look at these new images, and they were all the same as before, except for a few details like the count-downs I already mentioned.

Suddenly the images stopped. I thought we'd lost the signal or something, but then a new image appeared. It was in English and read:

**Greeting to people of Earth planet
We sorry if cause problem recently
Next transmission ASCII code for you understand more easy and start in four minute**

For four minutes they sent a continuous tone; then real words came in, which I could read straight on my computer screen. Of course, I recorded everything. The gist of it is that they have been scanning all local stars with the intention of replenishing their power supply by drawing power towards them.

Earlier Raids Were 3000 and 200 Years Ago

They last looked at the Solar System two-hundred years ago and found no electromagnetic emissions. Of course, at that time there was no radio or anything for them to detect.

So they went ahead and issued the instruction to draw power from the Sun this year. Even though the Sun is so near, they were having trouble seeing through the cloud of dust and gas that keeps on hiding the Sun from them. Just after the point of no return, they saw through a clear break in the cloud of dust surrounding them that we were very actively transmitting radio signals – all our radio and TV stations, though the signals must have been weak and confused.

They couldn't stop the process of drawing off our energy, but they put their best linguists onto looking at our transmissions, and found that we used many languages, but English was the most common.

Apparently they also 'raided' us three thousand years ago, but it didn't matter then as we were still mostly in the stone age or whatever apart from sophisticated societies in Greece, China and so on, which had no

knowledge of electricity, radio and so on. Again 200 years ago, before radio or TV they drew more power from us; again, it had no effect on us.

So to sum up. They didn't know an intelligent race lived here, and they felt free to take energy from our Sun, which included planet Earth.

Then they realized their mistake and have apologized.

Their Message for Us

After their initial 'Greetings', the message to us was as follows, to complete the current record. It is, of course important to realize that they had to learn English in a very short time, to understand our vocabulary, our grammar, and our way of expressing ideas.

What they said was:

**We on planet round star that die so small energy come to us
We search other star to get more energy
We have long list we send you in diagram 19 and 20
We always search life round star and we not find for you it
We get energy from you 3000 year past and again 200 year past
We not find life then so we get more energy now
After we command get energy from you we discover much radio so we know life on Earth planet**

**We want energy and now search other star
We one light year from you so we expect no transmit from you for one year or more
We not know any more life and tell us if any star to avoid please
We hope you to contact us with peace
Greeting to Earth planet from Yuom planet**

GREAT BLACK-OUT – ‘ALIENS ARE SORRY’

What Else We Discovered Last Week

by Anna Hobson, Clive Morgan, Martin Smith and Louisa Taylor of the University of Exmoor, and Assad Jamir of the Press Association

Naturally the message in English from the aliens came as a complete surprise to all of us at Tiverton. Having spent some weeks trying to decipher the strange images that they were sending, we were astonished to see them using our own native language, English (albeit with some errors, but nevertheless quite readable).

Before we got their message in English we were examining images 19 and 20 to establish their meaning. We realized that each item in their lists in those images represented a star that they planned to ‘raid’ for its energy.

Each star in their list had a name which we first could only guess at, a distance which helped us in identifying the star, and a time which apparently represented the time before the order to ‘suck’ energy from the star would begin.

We found our own Sun in the list, with an indicated intended raid again in something over 10,000 years in the future.

It was clear to us that that period of time was so far ahead that we would surely be able to do something to protect ourselves against it, or stop it.

‘Yuom’ and the ‘Yuomis’

The aliens used the name **Yuom** for their planet in the English message they sent; so **Yuom** it is; we suggest using the adjective ‘**Yuomi**’.

Any objections or better ideas?

How was it Done?

One problem we had at that stage was to understanding what scientific process was allowing the Yuomis to ‘suck’ energy from any

star. We knew of no process that could do it. We looked at the fundamental forces of nature:

- The **strong** force: the force that binds atoms together;
- The **weak** force: the force that gives us radioactivity;
- The force of **gravity**: the force that is so weak that we can jump up into the air against the gravitational attraction of the *whole mass* of the Earth.

None of these seemed at all possible as being candidates for their science. We surmised that gravitons, about which we know very little, might have some properties that produce odd effects; little is presently known about the **dark energy** that seems to be causing the universe to accelerate its expansion, so maybe a member of a graviton family (just our guess) could do the job. It’s just a possibility and no more.

- The **electromagnetic** force: the force that gives us electricity and magnetism, and from our viewpoint as human beings is the most useful (the other forces being taken for granted). It’s likely that this force is vital to Yuom.

But, of course, we *think* we know most that there is about the properties of the weak, strong, and electromagnetic forces. What is more, our predecessor astrophysicists from decades ago managed to explain how these three forces were ‘united’ in the moments after the **Big Bang** at the ‘birth’ of the universe (and some received Nobel Prizes for their work).

Gravity is anomalous; its relationship with the other three forces has not yet been explained, and it also has problems when we consider it in conjunction with **quantum mechanics**. Gravity works on the ‘grand’ scale; it is the force that holds us on the ground, keeps the moon in its orbit and the planets in theirs, the galaxy together, and groups of hundreds of galaxies together. Quantum mechanics seems to apply only at the scale of elementary particles – individual atoms and their components.

One of the current ambitions of physicists is to unite gravity and the other elementary forces with quantum mechanics. That may involve concepts like **strings** and **branes** that are postulated (but understood by very few).

So we were really no further ahead in understanding how the Yuomis managed to draw energy from the Sun, and

coincidentally from the Earth as well.

However, we’d like to think that one day we’ll be able to discuss the science with them; there is clearly a lot they know that we don’t, and almost certainly *vice versa*.

One thing that puzzled us was that their planet was embedded in a large cloud containing, presumably, enormous quantities of hydrogen and other materials that they could use to turn mass into energy – in other words, using nuclear fusion. So why couldn’t they draw off some of *this* matter and produce all the energy they required? Why raid distant stars for their energy?

Then it occurred to us that perhaps they don’t know of the equivalence of mass and energy. Is Einstein’s equation:

$$E = mc^2$$

unknown to them?

We wondered if they knew little or nothing about relativity, but much more about quantum mechanics. But this is only speculation.

Why Hadn’t We Detected Them Before?

As we had been told, Yuom was pulled away from the vicinity of Proxima Centauri some fifty million years ago. Their civilization must be very old for them to know that.

It is certainly much older than ours, as they told us that they had drawn energy from the Sun 3,000 years ago, presumably using their same basic technology as now. At that time the Earth’s civilizations, in Egypt, Greece and China, were so much more primitive so they wouldn’t have noticed what was happening.

Similarly, 200 years ago, although scientific knowledge had advanced, and was advancing at quite a rapid rate, there were no radio transmissions from here, so again, the drawing off of energy from Sun and Earth passed unnoticed both here and there.

To answer the question posed in the

headline ‘**Why Hadn’t We Detected Them Before?**’ – when they had interacted with our solar system our civilization was not as advanced as to be able to detect them. Since then, their star and planet have been surrounded by a cloud of dust and gas, impermeable to our telescopes. So they remained invisible to us and us to them, so they assumed no life (or at best only primitive forms) were here.

In more or less the same line of sight from Earth to Yuom there is a star named Struve 1495. (The name indicates that it is number 1495 in a catalogue compiled by astronomer Friedrich Georg Wilhelm von Struve (1793–1864).) This star (or rather a double star), though much further away than our aliens’ star has been seen to be obscured by the same cloud as affected the aliens. (Two amateur contributors from Bossington, noted in last week’s article, have observed this.)

As they indicated in their last set of images, the Yuomi stellar system emerged from the cloud, they were able to get a fix on us again, and they sent whatever the command was to ‘raid’ our Sun for energy. And we duly eventually coughed up!

Just after sending that command (oh, that it had been before!), they checked us out, and to their horror they found that the Earth was alive with radio signals. So they apparently put their best linguists to try to interpret what they could hear. Their first discovery was that there were many languages spoken on Earth.

Fortunately for us, they were able to sort out English, almost certainly the most prolific in technological use, from the others, and concentrated their efforts on understanding its meaning. From their rapid success in this area, it is clear that they are very intelligent.

To sum up: They didn’t know an intelligent race lived here, so they felt free to take energy from our Sun, which included planet Earth. Then they realized their mistake and have apologized.

The Latest Message

Since their first message of apology and brief explanation for their actions, the inhabitants of planet Yuom have sent us further information about themselves in English. It goes:

Greeting again to Earth planet from Yuom planet

Again we sorry if problem cause

We not intend harm

We learn you more six billion person and you live each less than one hundred year

We only ten thousand person and we live about eleven hundred year each

We hope you to contact us with peace because we detect many aggression in you

We live peaceful and please do peace to us

You please contact to us when you want

An Outsider’s View of Real Scientific Discovery

by Assad Jamir of the PA

I spent several days last week working with the astrophysics team in Tiverton, helping them

prepare these articles. At the same time, I was observing their working techniques.

Whenever a new piece of information came in, or a new idea occurred to one of the

team, each member examined it in his or her own way, applying to it the experience and knowledge they had so far gained.

Then each presented the interpretation to the rest of the team, and they held a

brainstorming session. Out of this, usually came a consensus on, perhaps, the meaning or significance of the matter.

For example, when the first English messages came in from the aliens, Martin

GREAT BLACK-OUT – ‘ALIENS ARE SORRY’

(who has a degree in French) looked at the grammatical structure of *their* English. He noted that they used no plurals, no tenses, no auxiliary verbs (nor *-ing* or *-ed* forms), and no use of *-s* with the third person singular. Word order did seem to matter to them, however.

Martin suggested that their idea of English, almost certainly influenced by their own language, was that the order of words was significant, and they did not use any verb forms except one, the infinitive. Also, they had caught onto the existence of adjectives and adverbs. In Yuomi, adjectives seem always to follow their nouns, as we confirmed by checking their earlier descriptions of the compositions of elements.

Their understanding of English after perhaps six months of studying it was pretty good, on a par with our most intelligent beginners in a foreign language.

This all enabled the team to review the earlier transmissions in Yuomi and to fill in some gaps or puzzles.

This account is also syndicated with:

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Le Monde

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WASHINGTON RECORD

Ontario News – Times

**See this newspaper's
editorial comment on page
14**

Our Response?

by Ivan Bassinger, PhD

We've got until next October before they start receiving our post-Black-Out radio signals – that's a year since power was restored. They are bound to be monitoring us and the politicians need to have decided on the approach to be made by then. Pretty soon afterwards, they will get our

first reaction to their messages, which were reported worldwide.

We will continue to work on monitoring the signals from Yuomi, and we will, through the Press Association, continue to publish our findings in these newspapers. But it is certainly not our intention to attempt to reply to the aliens; we are scientists, no more, no less.

With these latest messages published here, we now hand the decision-making over to the politicians and diplomats.

By 'politicians' we mean not just our own Government, but all international organizations that may have an opinion on the subject, but also, and especially, the United Nations.

Let's hope they do the right thing by all of us.

Good luck to them. And together with any scientific advice required from us, they need luck (and a united front).

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