

Re: Article: Parasite genes reveal long sexual history

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From: William L Hunt (wlhunt_at_earthlink.net)

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Date: Sun, 30 Jan 2005 15:30:12 -0500 (EST)

On Sat, 29 Jan 2005 13:59:43 -0500 (EST), "Perplexed in Peoria"
<jimmenegay@sbcglobal.net> wrote:

>
> *"Robert Karl Stonjek" <rstonjek@bigpond.net.au> wrote in message
news:ctfbc4\$2eg5\$I@darwin.ediacara.org...*
>> *Giardia Bares All: Parasite genes reveal long sexual history*
>> *Christen Brownlee*
>>

...
[snip]

...
> *PS: My joke above about a metazoan common ancestor for protozoa
> may not be as silly as it first seems. Substitute "colonial"
> for "metazoan" and the idea begins to make sense. And what is
> the word for multinucleate cells – many nuclei sharing a common
> cytoplasm?*

I think both multinucleate or polynucleate are used.

> *It would surprise me not at all if we were to find
> THAT morphology somewhere in our family tree.*
In fact *Giardia intestinalis* itself is binucleate (two nuclei) and
polyploidy. The ploidy of each nucleus cycles between 2 and 4 N.
Whether this has anything to do with it being asexual is still
unknown.

William L Hunt