

The Tale of the Biological Pump and the Cambrian Facts

From time to time, the Darwinist media confronts its readers with such strange headlines that one has difficulty distinguishing whether one is reading a scientific claim or a humor magazine. Here is the “astonishing” claim that has recently left readers stunned: **“The diversity of life on Earth came about due to a massive explosion of fecal matter in the oceans 540 million years ago!”**

Yes, you read that correctly. A new study published in August 2026 in *Trends in Ecology & Evolution*, one of the scientific world’s so-called ‘**prestigious peer-reviewed**’ journals, makes precisely this claim: **“It turns out that we owe our existence to the massive accumulation of fecal matter in the ancient oceans!”**

This study, published by an international team led by Dr. Russell Bicknell of Flinders University in Australia, was immediately carried into the headlines by the Darwinist media with sensational titles:

“Life evolved thanks to a giant fecal explosion, say scientists,”

“Poop made life on Earth possible. Yes, you heard that right: Poop,”

“The Cambrian fecal revolution: Fueling the Cambrian Radiation”

However, when we set aside the allure of the headlines and examine the matter under the objective light of science, the collapse in logic behind that ‘**fecal tale**’ that sank to the ocean floor becomes immediately apparent.

The Article’s Claim: The Tale of the Biological Pump

According to the claims of the study in question, approximately 540 million years ago, at the beginning of the Cambrian Period, certain living things suddenly began producing dense and compact ‘**fecal pellets**’ (waste packages), almost like factories. Supposedly, unlike simpler

organisms such as sponges, the heavy fecal packages produced by these newly emerging living beings filtered down under the effect of gravity and sank directly to the deep ocean floor.

According to the evolutionist scenario, this sinking movement served as a massive '**biological pump**' that carried vital nutrients such as carbon, nitrogen and phosphorus from surface waters into the deep seas. The claim is that, by this means, deep ocean ecosystems were fertilized, the nutrient cycle accelerated and the tremendous diversity of life in the Cambrian Explosion was suddenly '**triggered,**' as if touched by a magic wand!

Judging by the storm stirred up by the Darwinist media and the flamboyant headlines, one might imagine that the greatest nightmare that has kept evolutionists awake since Charles Darwin—the "**enigma of the Cambrian fossils**"—has finally been solved! In other words, the miracle of complex life forms possessing complete systems such as eyes, gills, shells and organs for walking suddenly and flawlessly appearing in the fossil record without leaving behind any evolutionary ancestral trace on Earth has supposedly been clarified by this "**fertilizer pump**"!

But are the facts really as evolutionists claim? Can tales of feces on the ocean floor rescue Darwinism from the deep pit into which it has fallen?

The Great Collapse of Logic

This scenario, which the evolutionist media has embraced with both hands as a savior, is based on a fundamental error known in logic as "**Petitio Principii,**" meaning presenting the result as the cause.

Let us ask a simple question in response to the claim of the theory of evolution: What is required first for a heavy, compact fecal package dense enough to sink to the ocean floor to form?

The answer is perfectly clear: Of course, first of all, there must be living things capable of producing compact feces—in other words, a complete and complex digestive system extending from the mouth to the anus, possessing muscles that work in coordination, secreting specialized digestive enzymes and compressing and packaging nutrients!

Simple sponges or jellyfish-like organisms, which evolutionists regard as primitive, cannot produce such compact waste. Their waste disperses into the water through diffusion at the cellular level and cannot attain a mass capable of sinking into the deep ocean. The ability to produce a dense fecal package is exclusive to more complex anatomical structures possessing bilateral symmetry and consisting of three embryonic layers.

In short, in order to explain the emergence of complex life, presenting as the cause an output produced by those same complex living things is a wholly irrational delusion. This absurd logic is no different from answering the question, “**Why did the car move?**” with, “**Because gas came out of its exhaust.**” Exhaust gas is not the cause of the car’s movement, but a natural result of a complex engine mechanism that is already functioning flawlessly!

The Dream of an Intermediate Form and the Digestive System That Appeared Suddenly

If fecal packages appear suddenly in Cambrian strata, this does not support the theory of evolution’s claim of “gradual development”; on the contrary, it utterly demolishes and invalidates it!

That is because, in order for a complete digestive tract to form in a living thing, the following must exist:

- Two separate external openings, such as a mouth and an anus,
- Coordinated muscle tissues that propel nutrients forward without error,
- Glands that produce specialized enzymes to break down nutrients chemically,
- Cellular linings that filter digested substances and transfer them into body fluids,
- And a neural network that manages this entire system in synchronization

all at the same time and in a complete form. Half an intestine, a quarter of a stomach or a one-way digestive tube without an anus would provide no advantage to a living thing; on the contrary, it would cause the organism to suffocate and die from its own toxic waste. Therefore, it is impossible for this system to have evolved “**stage by stage.**”

The fossil record of the Cambrian Period, which leaves Darwinists in complete despair, openly proclaims this fact to us: There is not even a single gradual intermediate form in the transition from the simple, flat organisms of the Ediacaran Period to the complex arthropods, worms and

mollusks of the Cambrian Period possessing complete digestive systems! All these tremendous and complex organ systems appeared suddenly, fully formed and with dazzling perfection in the fossil record.

In order supposedly to find an “ancestor” for these perfect stomach and intestinal systems that suddenly appeared in the Cambrian, evolutionists place their hopes in the Ediacaran fauna immediately preceding this period. Yet the science of paleontology has completely dashed this dream as well. The living things of the Ediacaran Period were sack-, disk- or fern-like organisms with no heads, circulatory systems, nervous systems or digestive systems.

Contrary to what evolutionists claim, the Ediacaran is not an “intermediate-form” fauna providing a transition to the Cambrian, because there is a period as short as a geological “blink of an eye” between them. Considering the Earth’s age of billions of years, within this very brief period that may virtually be regarded as an “instant,” there was a transition from a world inhabited by living things lacking digestive systems and complex physiological systems to a world in which no fewer than 50 separate phyla, perfect limbs and the trilobite’s marvelous crystalline honeycomb eye suddenly appeared. There is no intermediate form and no transitional stage whatsoever. Even the first vertebrates, which Darwinists would expect to have evolved billions of years later, were already present in this period with their complete structures.

Conclusion: The End of the Fallacy and the Manifest Fact of Creation

The Tale of the Fecal Explosion is nothing more than an attempt to conceal behind pseudo-scientific curtains the great desperation into which the theory of evolution has fallen in the face of the Cambrian Explosion. This circular reasoning, which presents the result as the cause, is not a scientific explanation; it is merely a helpless fallacy. This is simply a new version of the classic evolutionist collapse of logic that completely ignores the tremendous flight mechanism of a fly that beats its wings 500 times per second and fabricates tales of a **“dinosaur that sprouted wings and took flight while chasing flies.”**

With its complex anatomical structures that appeared suddenly without any ancestral trace, the Cambrian Explosion buried the tale of gradual evolution forever in the ocean waters of 540 million years ago.

There is only one obvious fact shown to us by the fossil record: Living things appeared all at once with all the perfect features they possess, without displaying incomplete, half-formed or

nonfunctional stages as chance would require. The sole origin of all these perfect structures possessed by living things is the manifest and flawless creation of Almighty God.

References:

- [1] Bicknell, R. D. C., Kimmig J. (2026 Aug 4). "The Cambrian fecal revolution: Fueling the Cambrian Radiation." Trends in Ecology & Evolution.
- [2] SciTechDaily (2026 Aug 10). "How Prehistoric Poop Changed Earth's Ecosystems Forever." <https://scitechdaily.com/how-prehistoric-poop-changed-earths-ecosystems-forever/>
- [3] BBC Science Focus (2026 Sep 4). "Life evolved thanks to a giant poop explosion, say scientists." <https://www.sciencefocus.com/news/poop-explosion-cambrian-evolution>
- [4] Phys.org (2026 Aug 4). "How the 'fecal revolution' changed Earth's ecosystems." <https://phys.org/news/2026-08-fecal-revolution-earth-ecosystems.html>
- [5] Popular Science (2026 Aug 5). "Poop made life on Earth possible. Yes, poop." <https://www.popsci.com/science/poop-life-earth/>
- [6] ScienceAdviser (2026 Aug 17). "Did feces fuel the Cambrian explosion?" <https://www.science.org/content/article/scienceadviser-did-feces-fuel-cambrian-explosion>

<https://www.harunyahya.info/en/articles/the-tale-of-the-biological-pump-and-the-cambrian-facts>