

## NEO-DARWINIAN THEORY COLLAPSING...

Breakthrough Scientific Publication  
Sheds New Light on the Origin and  
Nature of Biological Information...



### Active Biological Information - *The Essence of Life!*

What enables a hummingbird to hover? Wings, feathers, energy from flower nectar – yes, certainly all of these are required. But even a dead hummingbird can have all these things. New developments in biology are revealing that the vital element which has so often been overlooked is active biological information. There is a massive amount of information in the hummingbird's genome – it contains the essential specifications needed to make a hummingbird what it is, and to make it alive. But biological information is much more than just the static information stored in the genome. Life is only alive if there is active biological information continuously flowing through a labyrinth of information networks within and between cells. These networks are like an internal Internet system within every cell. Information moves through these networks via multiple languages, using specified senders and receivers (most of which are molecules) – and these senders and receivers must “speak” the same language. There are millions of components within a cell that are in constant communication with each other.



**Figure 1:** What makes the humming bird hover? The underlying reason why the humming bird has the ability to hover is due to active biological information which contains the essential specifications that are continually flowing through a labyrinth of information networks within the biological systems of the humming bird. Biological information – which can only arise through intelligent input – is ultimately what allows the humming bird to hover. The humming bird on the right is shown overlain with a circuit board to illustrate the concept of biological information that makes life possible.

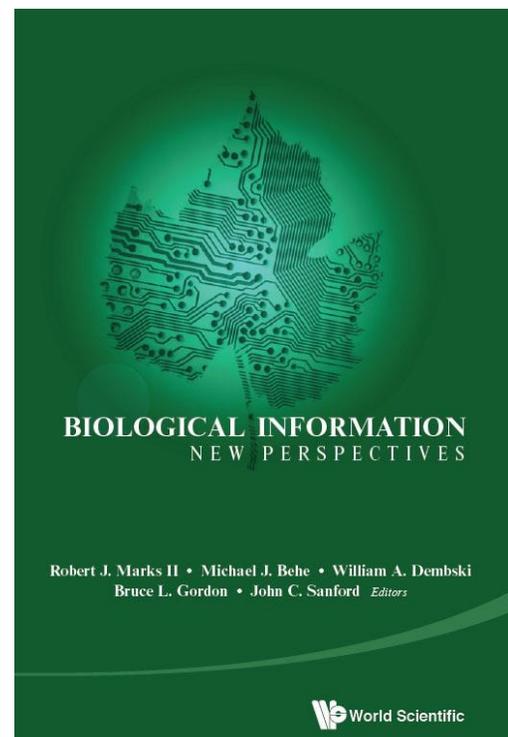
Biological information networks are found at every level, in every cell, in every tissue and in every organ. It is all this active biological information that enables the creation and maintenance of the bird's cells, muscles, feathers, wings, nervous system, eyes, and brain. Moreover, it is this entire biological information network which enables: a) the hummingbird's brain to sense position and speed, b) coordinate muscle flexing, c) adjust feather positioning, and d) program the complex wing strokes – to enable perfect hovering. Biological information ties it all together, enabling life.

These things - information, language, information networks – can only arise by the operation of intelligence, and cannot arise by any type of mindless Darwinian trial and error process. Indeed, the latest biological research clearly reveals that life is fabulously designed, and that both hummingbirds and people are fearfully and wonderfully made (Psalm 139:14). This is powerfully demonstrated in the new milestone scientific publication *Biological Information – New Perspectives*.

This new publication involved the joint effort of many scientists representing a diverse spectrum of scientific disciplines, who gathered at Cornell University in the spring of 2011. The symposium brought together 29 well-credentialed scientists to discuss their research regarding the origin and nature of biological information. The findings of these researchers were published by the well-respected academic publisher, World Scientific, in the summer of 2013. Despite the great diversity in the scientific disciplines and philosophical leanings of the authors, they reached a strong consensus that can be summarized as follows:

- (1) The extent and sophistication of biological information systems greatly surpass man's greatest advancements in information technology.
- (2) The trial and error process of random mutation plus selection is wholly inadequate to explain these extensive information network systems that make life possible.
- (3) Not only is it impossible to build these systems through any realistic natural process, there appears to be no naturalistic mechanism which can prevent the systematic degradation of such biological information. Without intelligent input, all information systems are known to degenerate and breakdown over time. Without a Sustainer, biological information (and hence life itself), must always devolve.

In this scientific update, we only wish to emphasize that what we are learning about biological information should bring all biologists to a place of humility and awe. The labyrinth of information networks within any cell greatly surpasses what scientists could have imagined a decade ago. We are experiencing an explosion in our awareness of what biological information actually entails. It entails many types of information, encoded by many languages, manifested at many different biological levels. We are



**Figure 2:** This book can be purchased at a discounted price from [BINP.org](http://BINP.org) (readers beware – this is a very technical book). On the same website a less-technical, reader-friendly summary of this publication is available and can be downloaded as a [free PDF](#).

talking about layer upon layer of information. The information networks that enable life are extraordinarily complex, diverse, dynamic, and multi-dimensional. These biological information networks are comparable in many ways to today's internet. However, while the internet reflects a vast tangle of disjointed websites, a cell's enormous array of information networks involves an astounding degree of integration and remarkable unity and purpose (to enable life). We have only scratched the surface in terms of understanding all the aspects of biological information, but it is already clear that biological information systems greatly surpass the best human information technologies. All of this biological information demands an explanation in terms of its origin, and how it might possibly be preserved through deep time.

For the Bible-believing Christian, we have an obvious explanation for these incredible scientific findings. As Christians we have a supremely intelligent, all powerful, Creator-God. Life is very clearly programmed, and the living God of the Bible is clearly the Great Programmer (the Author of Life – see Acts 3:15). This is exciting news for Christians – science is strongly affirming Scripture!

By Dr. John Sanford, Jim Pamplin & Christopher Rupe  
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#### **FURTHER READING**

*Biological Information – New Perspectives*

Non-technical Synopsis of *Biological Information – New Perspectives* [FREE Download]