



VOLUME 2

STEWARDING SCIENCE FOR GOD'S GLORY

CREATION CONFERENCE



GLORY

The Inventor Deserves All the Credit

“

They believe that many structures have been created for the sake of beauty, to delight man or the Creator (but this latter point is beyond the scope of scientific discussion), or for the sake of mere variety, a view already discussed. Such doctrines, if true, would be absolutely fatal to my theory.

“

Flowers rank amongst the most beautiful productions of nature.

Charles Darwin, *Origin of Species*, 95



“

...the fading flower of its glorious beauty...

Isaiah 28:1

“

He has made everything beautiful in its time.

Ecclesiastes 3:11

“

The carpenter stretches a line; he marks it out with a pencil. He shapes it with planes and marks it with a compass. He shapes it into the figure of a man, with the beauty of a man, to dwell in a house.

Isaiah 44:13

“


One thing have I asked of the LORD, that will I seek after: that I may dwell in the house of the LORD all the days of my life, to gaze upon the beauty of the LORD and to inquire in his temple.

Psalm 27:4

“

Splendor and majesty are before him; strength and beauty are
in his sanctuary.

Psalm 96:6



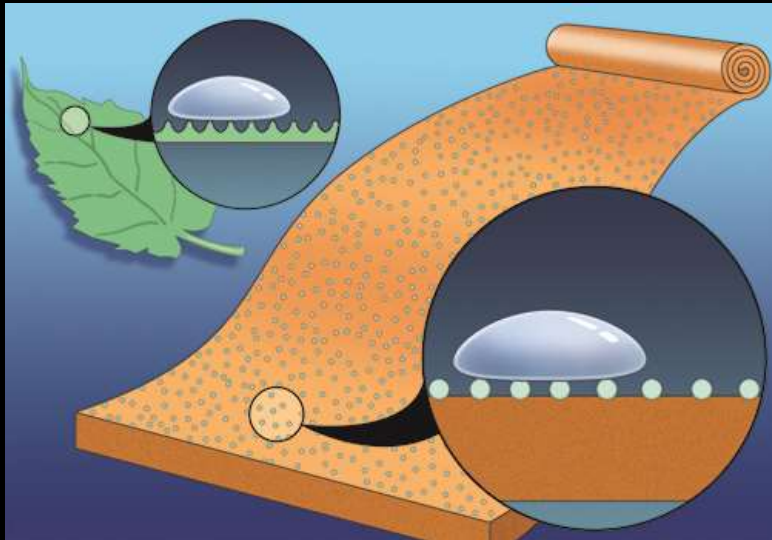
“
A common reaction among physicists to remarkable discoveries . . . is a mixture of delight at the subtlety and elegance of nature, and of stupefaction: “I would never have thought of doing it that way.” If nature is so “clever” it can exploit mechanisms that amaze us with their ingenuity, is that not persuasive evidence for the existence of intelligent design behind the physical universe? If the world’s finest minds can unravel only with difficulty the deeper workings of nature, how could it be supposed that those workings are merely a mindless accident, a product of blind chance? . . . Uncovering the laws of physics resembles completing a crossword [puzzle] in a number of ways. . . . In the case of the crossword, it would never occur to us to suppose that the words just happened to fall into a consistent interlocking pattern by accident.

Paul Davies, Physicist, *Superforce*



Adhesive with “Mussels”

Adhesives are a billion-dollar industry, with increasing demand. Today’s adhesives are generally environmentally harmful, structurally weak, chemically irreversible, and biologically incompatible.



Self-Cleaning Surfaces

The lotus effect substantially surpasses the quality, durability, and efficiency of common wax solutions designed today. BASF has mimicked the lotus leaf with a new self-cleaning spray that repels water, dust, and grime. This design principle is also being incorporated in fabrics for furniture, clothing, shoes, and even masonry. Paints have incorporated the lotus effect for energy efficient and environmentally friendly self-cleaning buildings.

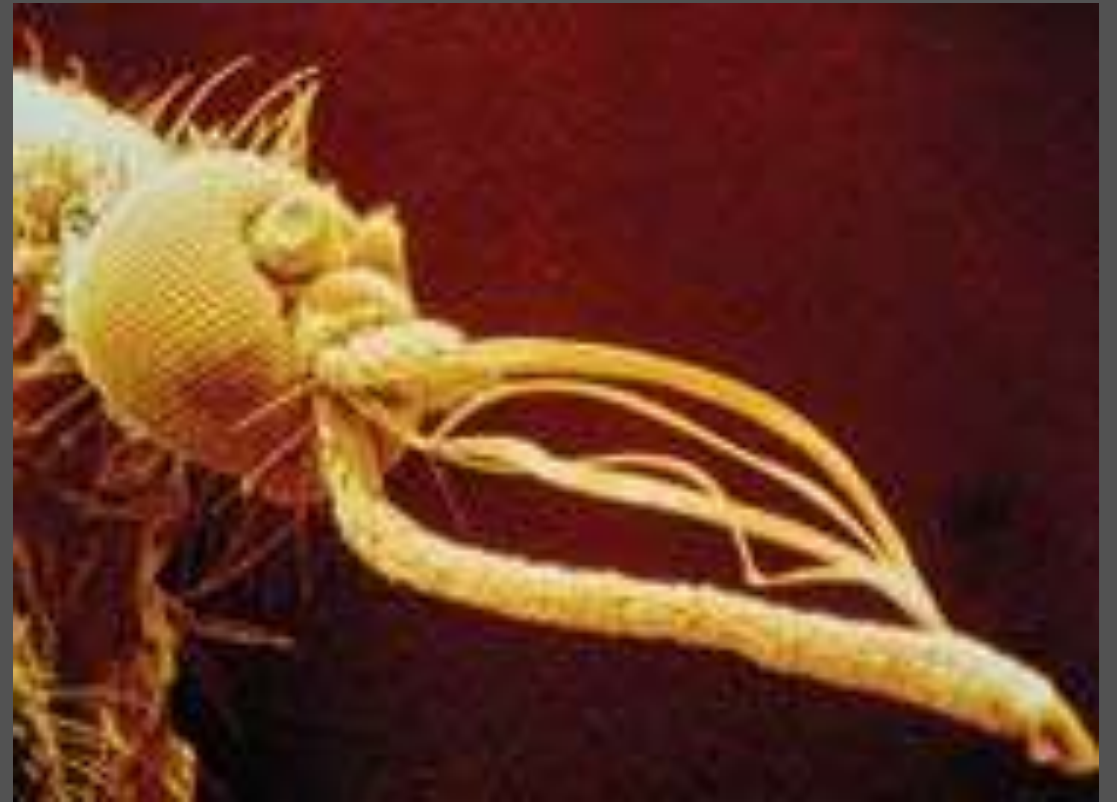
Butterfly Displays

Studying the butterfly has unveiled a whole new way of displaying colors. Butterfly wings present a beautiful array of colors without pigment. This is naturally accomplished by means of two layers of light-reflective scales within the butterfly's wings.



Painless Needles

Most people would agree that receiving a shot with a hypodermic needle is more than noticeable. Yet, experience teaches us that mosquitos can easily penetrate our skin without notice. Consequently, micro engineers in Japan have been studying the stinger of the mosquito in an effort to identify their secret.





Kingfisher: Bullet Train

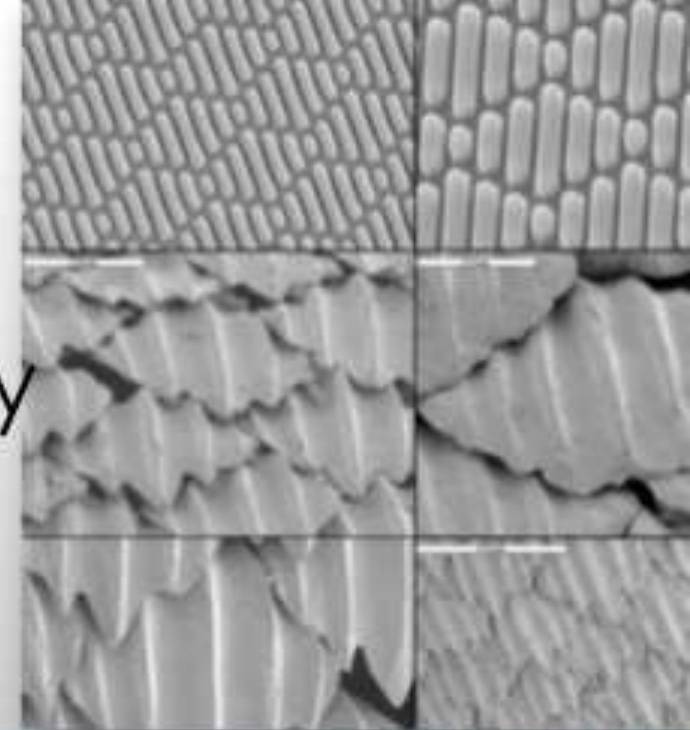
Shark Speedsuits

- Sharkskin-inspired swimsuits received a lot of media attention during the 2008 Summer Olympics when the spotlight was shining on Michael Phelps. However, they are now banned in most of major competition.



...ating shark skin to
...ce drag

...bacterial invincibility



GeckSkin

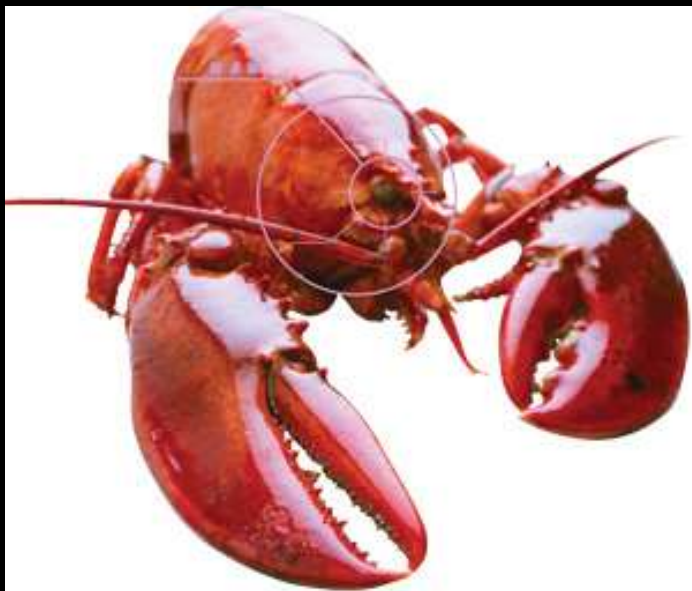
- Super-adhesive based on the mechanics of gecko feet
- Geckskin™ is so powerful that an index-card sized piece can hold 700 pounds on a smooth surface, such as glass, yet can be easily released, and leaves no residue.



GeckSkin

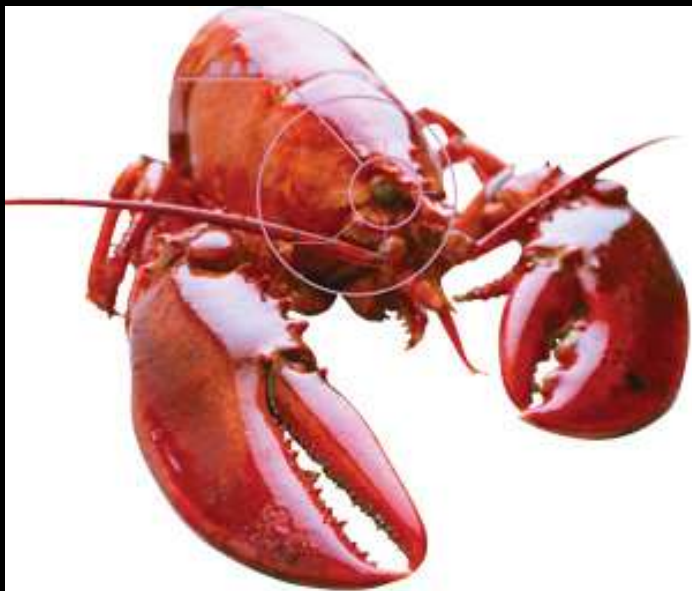
Designing such a structure is “beyond the limits of human technology, ... natural technology of gecko foot hairs can provide biological inspiration for future design of a remarkably effective adhesive.”





Lobster Eye Design

- Recently the U.S. Department of Homeland Security (DHS) has funded biomimetic research that led to the development of an imaging device that can literally see through walls



Lobster Eye Design

- Simply put, these facets are tiny square-shaped tubes with walls that act as mirrors to reflect the incoming light. The walls of each facet are perfectly aligned so that the reflected light is flawlessly focused toward the receptor layer so that they all merge at the same point



Mentor

Analogy of a mentor, child and father, learning from the wiser, the more skilled and refined, the expert! That is what is happening in biomimicry. The children of God are unwittingly learning from their Father; the Mastercraftsmen.



Most of those that have dived into the depths of nature, have been more studious of the qualities of the creatures than of the excellency of the nature, or the discovery of the mind of God in them; who regard only the rising and motions of the star, but follow not with the wise men, its conduct to the king of the Jews. How often do we see men filled with an eager thirst for all other kind of knowledge, that cannot acquiesce in a twilight discovery, but are inquisitive into the causes and reasons of effects, yet are contented with a weak and languishing knowledge of God and his law, and are easily tired with the proposals of them.

Stephen Charnock



Acknowledging GOD

Creation is God-centered—let His creatures be. Creation is theology's theater, it is the Creator's platform for the creature's praise. May we steward it well, for His glory and our joy.