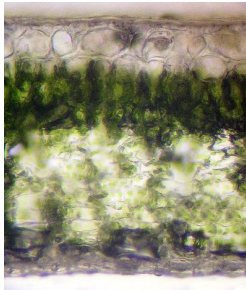


# CREATION MOMENTS

*Proclaiming Evidence for Truth*

## THIS WEEK'S CREATION MOMENT

### Plants Focus Light



*And he shall be like a tree planted by the rivers of water, that bringeth forth his fruit in his season; his leaf also shall not wither; (Psalm 1:3a)*

In many ways, a plant is like a machine that changes the energy of sunlight into food energy that is needed by the rest of the living world. The energy which runs the plant is light.

Now, if you were going to design a better, more efficient plant, how might you do it? Obviously, one way to improve a plant would be to create one that can do its job with less light. But remember, the plant cannot store more energy than it receives. And if the plant was too sensitive to light, a strong dose of sunlight could kill it. The obvious solution is to outfit the plant with tiny lenses which focus even dim light into the chemical centers where photosynthesis takes place.

Due to man's ignorance, modern science has often regarded plants as if they were simple, unsophisticated forms of life. Now scientists have discovered that many plants do indeed have special cells which focus and concentrate the available light into the very centers where it is needed. One plant's shaded leaves were found to intensify available light by 26 times. And if the light gets so strong that it could damage the leaves, the light is focused onto cells which can absorb the extra light.

Plants are much more complex, higher-performance living things than we ever suspected. Plants incorporate designs based on a highly sophisticated knowledge of both chemistry and physics. What a wonderful witness they are to our Creator!

Photo: Cross section of a leaf through a microscope. Courtesy of Mnolf. CC BY-SA 3.0.

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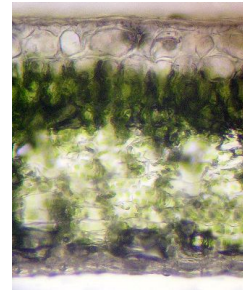
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