

THIS WEEK'S CREATION MOMENT

The Warm-Blooded Bumblebee



"So God created man in his [own] image, in the image of God created he him; male and female created he them." - Genesis 1:27

What is warm-blooded, sits on its eggs like a hen, but flies much better than a hen, and has six legs? It's the bumblebee.

The amazing fact that bumblebees are warm-blooded was discovered after a scientist saw a bumblebee out gathering nectar one frosty

cold morning. As it turned out, even with air temperatures near freezing, a bumblebee can maintain a body temperature of 95 degrees (F).

Bumblebees are made up of three body sections: the head, the thorax and the abdomen. They heat their blood in the thorax, where the flight muscles are and where the heat is most needed. This heat is regulated by its circulatory system which flows through its narrow "waist". The blood then passes through a heat exchanger in which it is further heated by the warmer blood flowing away from the muscles. On a hot day, the bee does the neatest trick of all. It actually changes its circulatory system so that fresh blood coming to the wing muscles is not heated at all by the heat exchange system. The queen bumblebee also uses this ability to control heat to incubate her eggs at 80 degrees like a mother hen.

There is no simple form of life. What sets man apart from other life has nothing to do with warm blood, his brain, or evolution. Man, created in God's image, finds redemption only in Jesus Christ.

Image: Buff-tailed bumblebee, Envato.

Scan the QR code after service to watch a related video!



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