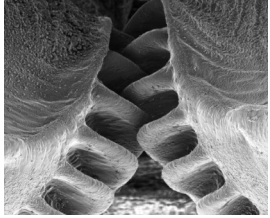


# CREATION MOMENTS

*Proclaiming Evidence for Truth*

## THIS WEEK'S CREATION MOMENT

### Living Gears!



*Lead me, O LORD, in thy righteousness because of mine enemies; make thy way straight before my face. – Psalm 5:8*

Mechanical gears – like those found in cars and clocks – have been around since the Greeks are thought to have invented them around 300 B.C. But scientists have now discovered a small

hopping insect equipped with a set of *living* gears!

*Issus coleoptratus*, when they are young, have an intricate gearing system that locks their back legs together. This allows both appendages to rotate at the exact same instant, causing the tiny creatures to jump forward. If one of the bug's legs was extended a fraction of a second earlier than the other, it would push the insect off course to the left or right.

The gears are located at the top of the insects' hind legs and include 10 to 12 tapered teeth that lock together neatly. Researcher Gregory Sutton said, "We usually think of gears as something that we see in human-designed machinery.... These gears are not designed; they are evolved – representing high speed and precision machinery evolved for synchronisation in the animal world."

We'd like to ask the researcher how this creature survived for thousands of years while it couldn't jump straight. No, the gears were designed by God who gave each of His creatures all of the intricate parts we need!

Ref: "This Insect Has The Only Mechanical Gears Ever Found in Nature." Smithsonian.com, 9-12-13. Photo: Gears found on *Issus coleoptratus*. Courtesy of Malcom Burrows. (FAIR USE)

© 2015, Creation Moments. Churches and parents may freely copy these bulletin inserts.

CREATION MOMENTS, INC.

P. O. Box 839 • Foley, MN 56329 • 800-422-4253

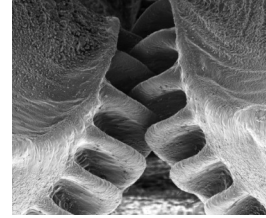
If these bulletin inserts are a blessing to you, please consider making a donation of any amount so we can continue to provide this free resource: [www.creationmoments.com/donate](http://www.creationmoments.com/donate).

# CREATION MOMENTS

*Proclaiming Evidence for Truth*

## THIS WEEK'S CREATION MOMENT

### Living Gears!



*Lead me, O LORD, in thy righteousness because of mine enemies; make thy way straight before my face. – Psalm 5:8*

Mechanical gears – like those found in cars and clocks – have been around since the Greeks are thought to have invented them around 300 B.C. But scientists have now discovered a small

hopping insect equipped with a set of *living* gears!

*Issus coleoptratus*, when they are young, have an intricate gearing system that locks their back legs together. This allows both appendages to rotate at the exact same instant, causing the tiny creatures to jump forward. If one of the bug's legs was extended a fraction of a second earlier than the other, it would push the insect off course to the left or right.

The gears are located at the top of the insects' hind legs and include 10 to 12 tapered teeth that lock together neatly. Researcher Gregory Sutton said, "We usually think of gears as something that we see in human-designed machinery.... These gears are not designed; they are evolved – representing high speed and precision machinery evolved for synchronisation in the animal world."

We'd like to ask the researcher how this creature survived for thousands of years while it couldn't jump straight. No, the gears were designed by God who gave each of His creatures all of the intricate parts we need!

Ref: "This Insect Has The Only Mechanical Gears Ever Found in Nature." Smithsonian.com, 9-12-13. Photo: Gears found on *Issus coleoptratus*. Courtesy of Malcom Burrows. (FAIR USE)

© 2015, Creation Moments. Churches and parents may freely copy these bulletin inserts.

CREATION MOMENTS, INC.

P. O. Box 839 • Foley, MN 56329 • 800-422-4253

If these bulletin inserts are a blessing to you, please consider making a donation of any amount so we can continue to provide this free resource: [www.creationmoments.com/donate](http://www.creationmoments.com/donate).