



## The Drake Equation: Does It Prove Life in the Galaxy?

September 19, 7:30 PM, Totino Fine Arts Room F2128, Univ. of Northwestern, 3003 N Snelling

A recent National Geographic article alluded to a scientific formula that "proves" we will find life in the Galaxy. Russ McGlenn's ears pricked up because normally neither search for extraterrestrial intelligence nor evolution have any mathematical formulas that can be used to prove or falsify a statement.

In September 1959, physicists Giuseppe Cocconi and Philip Morrison published an article in the journal *Nature* with the provocative title "Searching for Interstellar Communications." Cocconi and Morrison argued that radio telescopes had become sensitive enough to pick up transmissions that might be broadcast into space by civilizations orbiting other stars. In 1961, radio astronomer Frank Drake hosted a "search for extraterrestrial intelligence" meeting on detecting these radio signals. The equation that bears Drake's name arose out of his preparations for the meeting and is touted as proof of the existence of life in the galaxy. SETI is still searching! What it proves depends on the assumptions and guesses you put into the equation.

All Meetings are free and open to the public, an offering will be accepted.

Have you considered...

...If God intended no death before the Fall how do you explain the stingers on bees and wasps? When a honeybee stings a person one time, it dies. This happens because the stinger is plunged into the victim's flesh and as the bee flies away; the barb on the stinger causes the stinger to hold fast, literally causing the guts to be ripped out of the bee! Later the bee dies. Did this happen before the Fall?

It is now being discovered that wasp stingers are actually modified ovipositors. An ovipositor is an organ used by females to deposit eggs on or in something. Only female wasps sting, honeybees are the same, only females have stingers. Today, the stingers of cuckoo wasps (*Chrysididae*) still function as ovipositors. So what happened? There are two possibilities. In the beginning stingers may have been made for one purpose, like an ovipositor, and then changed after the Fall and is now used for another purpose. Or, God knew the Fall would happen and all the sin consequences so He "front-loaded" certain creatures with "weapons" needed for survival in a post-Fall world.

<http://creation.com/no-death-before-fall>, Cosner, Lita, 2016. "Wasps Nature's pest control" *Creation*

TCCSA with your support has helped supply books to 20,000 students in Fiji? Earlier this year Bruce Malone and Carl Baugh delivered 20,000 copies of *Inspired Evidence* to this island nation. They spoke to 15,000 students and 13,000 made a decision for Christ. Your support made it possible for about 1,000 of those books to be delivered. In the last couple months TCCSA members and friends have donated an additional \$1,000 for more books. Will you help supply more? Please pray that this need will be met soon.

### Field trip with Russ McGlenn!

Were Vikings in Minnesota in 1000 AD? Come, find out the truth. This field trip is scheduled on a Saturday, so the whole family can come!

DATE: September 16, 2017, TIME: Meet at 11AM in Sauk Center.

More info **Russ McGlenn 805 588 3353**

**Registration Deadline: September 15<sup>th</sup>**

**Information is also at [www.tccsa.tc](http://www.tccsa.tc)**

### Coming Up (Lord Willing) . . .

Oct. 17—Richard Broadberry, God's Promise to the Chinese

Nov. 21—Jay Seegert, Faith is Not a Four-Letter Word

December—No TCCSA activities, celebrate Jesus' birth.

Jan. 16—David Wheaton, Young Earth answers oldest Prob.

Check for updates at [www.tccsa.tc](http://www.tccsa.tc)

### FIND US ON THE WEB [www.tccsa.tc](http://www.tccsa.tc)

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Russ McGlenn, Adventure Safaris [russmcglenn@juno.com](mailto:russmcglenn@juno.com)

I want to become a member of TCCSA and I subscribe to the Statement of Belief.  
(Calendar year membership dues are \$20.00. Students do not pay dues.)

E-Mail: david-johnson@usfamily.net

I want to renew my membership in TCCSA (note dues above).

Mail: TCCSA

Mail newsletter

E-mail newsletters and updates

6300 Georgia Ave. N.

Brooklyn Park, MN 55428-2526

I want to make a donation to help promote Creation Science.

TCCSA \_\_\_\_\_ Adventure Safaris \_\_\_\_\_

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#### TCCSA's STATEMENT OF BELIEF

We believe in God: The Father, Son and Holy Spirit. We believe that the Bible is the inspired Word of God, and that all of its assertions are historically and scientifically true in the original autographs; this means that the account of origins in Genesis is a factual presentation of actual historical truths. We believe that the origin of matter and all basic types of living things, including man, came about through direct creative acts of God during the six-day creation week described in Genesis. Whatever biological changes have occurred since the creation week have accomplished only changes within the created kinds. We believe that the great flood described in Genesis, commonly referred to as the Noachian Flood, was an historic event, world-wide in extent and effect. We accept the account of the special creation of Adam and Eve as the first man and woman. Their subsequent fall into sin, by disobedience of God's direct command, is the basis for our belief in the necessity of a Savior for all mankind. Therefore, we believe that Jesus Christ is our Lord and only Savior and that personal faith in Him is necessary for salvation.

Twin Cities Creation Science Association  
6300 Georgia Ave. N.  
Brooklyn Park, MN 55428-2526

# September 2017

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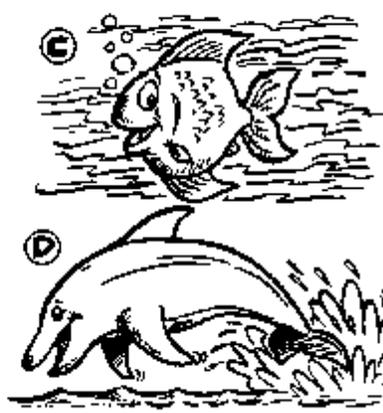
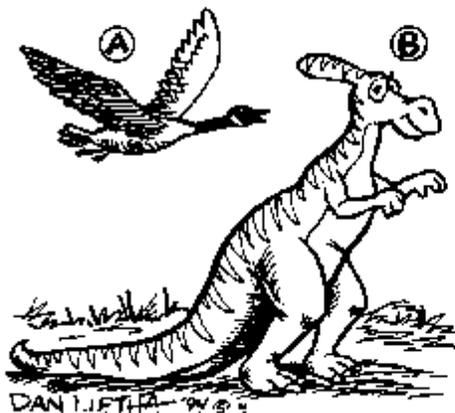
Most of our past programs are available on DVD from david-johnson@usfamily.net or at the above address. DVD's will be for sale at our meetings as they are completed. Let us know if you desire a specific program.

### CREATIONWISE

**CREATION QUIZ # 1**

?

WHICH OF THE FOLLOWING CREATURES HAVE BEEN ON THE EARTH THE LONGEST?



**ANSWERS:**  
A, C, AND D HAVE BEEN AROUND THE LONGEST! ALL CREATED ON DAY 5. (GEN. 1:20-23)

**ALL LAND ANIMALS (INCLUDING DINOS) WERE CREATED ON DAY 6!! (GEN. 1:24-31)**  
**BELIEVE IT!**

This newsletter is also available as an email? You not only receive your newsletter faster, we send a reminder before the meeting. We include late-breaking news and activities in the reminder. Let us know if you would like to be included on our email list. We never share your information with anyone.

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