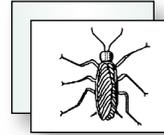


kids' kreation



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LIFE RETURNS

Krakatoa reflects the Trinity's unchanging nature



Recent eruption of Anak Krakatau
"Daughter of Krakatoa"



A map showing the location of
Krakatau (Krakatoa)

When Krakatoa erupted in 1883, the surface temperature of the island reached a sizzling 1500° F or 800° C, wiping out all life.

Reflecting "the power of an indestructible life" (Hebrews 7:16).



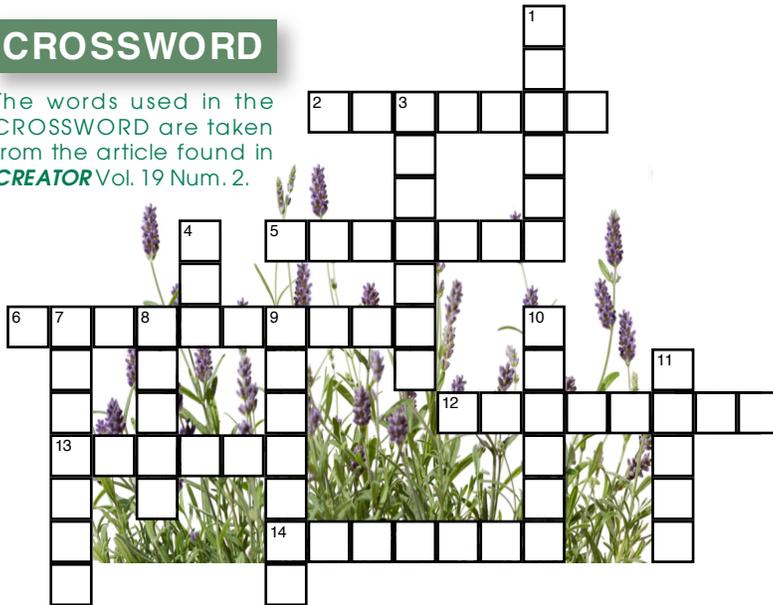
Life has returned to Krakatoa—now called Rakata

In one sense, ecosystems don't change once they've been established by Christ Jesus. They are remarkably resilient, and capable of recovering from great trauma. A century after the island was decimated by a volcanic explosion, Krakatoa is now home to hundreds of species of green plants, thousands of species of insects and spiders, over 30 species of birds, 18 species of land molluscs, 17 species of bats, and nine reptile species.

"Tis as natural to God to subsist in three persons as 'tis to be ... unchangeable."
Jonathan Edwards

CROSSWORD

The words used in the CROSSWORD are taken from the article found in **CREATOR** Vol. 19 Num. 2.



Down

1. There are many different food _____ that can be found in an ecosystem.
3. A _____ is the total amount (mass) of living things in an ecosystem.
4. The _____ species of each ecosystem serves as the backing for these living tapestries.
7. Even "simple" ecosystems are extremely _____.
8. Plants use photosynthesis to make _____ from sunlight.
9. The term "ecosystem" was coined by the English botanist A.G. _____ in 1935.
10. A food chain provides a steady transfer of _____ from one level of an ecosystem to another.
11. Plants receive _____ from the Sun.



FAMILY ACTIVITY:

Ecosystem Survey

As a family, spend some time quietly walking through a meadow or a forest or along the sea-shore, and count the number of different species of plants and animals that you observe. You don't need to know the names of all the species, only that each is different (unique) from the rest. Then tally the numbers of each group you saw:

- | | |
|--------------|-----------------|
| Mammals — | Fish — |
| Birds — | Invertebrates — |
| Reptiles — | Plants — |
| Amphibians — | |

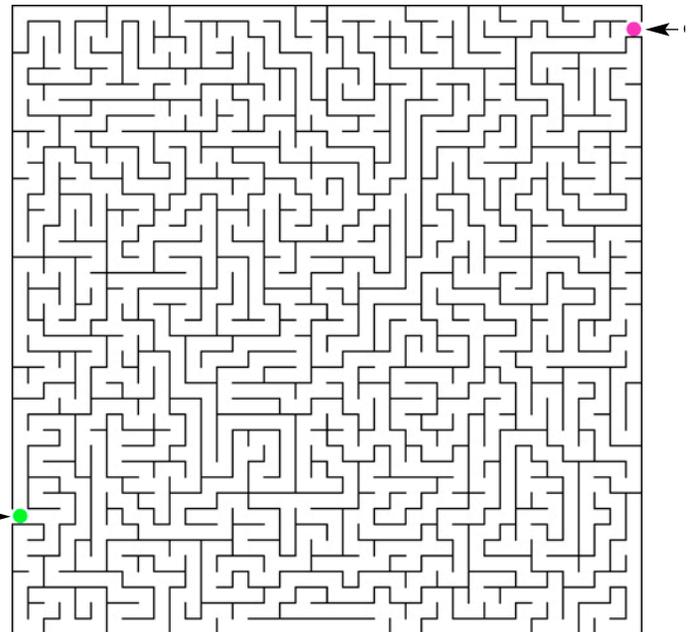
Map of the Sunda Strait, Indonesia—public domain
 Anak Krakatau—© Adambowers | Dreamstime.com
 Krakatau beach—© Valery Shanin | Dreamstime.com
 Flycatcher—Lip Kee
 Meadow flowers—© masalf / iStockphoto.com

Across

2. The physical environment in which an organism lives is called a _____.
5. An ecosystem is a special relationship between several species of plants and _____ within a certain geographic area.
6. A meadow, a pond, a desert, and a forest are all examples of _____.
12. As a general rule, _____ obeys its Creator.
13. An herbivore is an animal that only eats _____.
14. The science of _____ studies the relationship of plants and animals within ecosystems.

MAZE CHALLENGE

Mazes are like ecosystems — they can be hard to navigate. Try your hand at this one.



Below is a drawing of a "food tapestry" found in the ocean off New England. Each line represents the transfer of energy from one animal to another animal. Only 81 species are represented here. Most ecosystems, in reality, possess thousands upon thousands of species! Credit: NOAA

