

## [B-3] Interesting Number Facts In Nature

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[Most of the following come from E.W. Bullinger's (1837-1913) book: Number in Scripture]

It should not surprise us that the same numbers which appear throughout the Bible also appear throughout nature! {God is the Author of the Bible and the laws of science.} In engineering and physics we learn that the most stable of all formations is a triangle which has 3 sides. In mathematics there are four primary rectilinear forms:

In a plane

The triangle with 3 sides

The square has 4 sides  $4+3=7$

In the solid

The pyramid has 5 sides

The cube has 6 sides  $5+6=11$

In animals the period of gestation (time from conception to birth)

The mouse is	21	(3 x 7)	days
The hare and rat,	28	(4 x 7)	days
The cat,	56	(8 x 7)	days
The dog,	63	(9 x 7)	days
The lion,	98	(14 x 7)	days
The sheep,	147	(21 x 7)	days
The common hen,	21	(3 x 7)	days
The duck,	42	(6 x 7)	days
The parrot and ostrich,	42	(6 x 7)	days
The canary,	21	(3 x 7)	days
The mallard,	35	(5 x 7)	days
For man,	280	(40 x 7)	days

There are seven colors in the rainbow (red, orange, yellow, green, blue, indigo, and violet).

{There are 3 primary colors and 4 secondary colors}

There are seven levels of classification for the plant and animal kingdoms: kingdom, sub-kingdom, class, order, family, genus, species.

There are three primary phases of matter: solid, liquid, gas.

There are three primary parts of an atom: electrons, protons, and neutrons.

The musical scale consisting of notes distinguishable by the human ear all consist of numbers of vibration which are multiples of 11 {middle C = 264 hz --> 24x11, D = 297 hz --> 27x11, etc.}

The atomic numbers of every important element is a multiple of 4 or 7 {gold is 196 ( $4 \times 7^2$ ), iron is 56 ( $7 \times 2^3$ ), silver is 108 ( $2^2 \times 3^3$ ), copper is ( $7 \times 3^2$ ), carbon is 12 ( $3 \times 4$ ), mercury is 200 ( $4 \times 2 \times 5^2$ ), Uranium is 236 ( $4 \times 59$ ), etc.}

The same laws of numbers apply to plants as well. The number of leaves on various plants before one leaf is exactly lined up with one below it is always the same:

In the apple it is always the fifth leaf

In the oak it is always the fourth leaf

In the peach it is the sixth

In the holly it is the eighth; but it takes two turns of the spiral before the leaf stands immediately over the first.

In the bee multiples of 3 are seen:

In three days the queen is hatched

It is fed for 9 ( $3^2$ ) days

It reaches maturity in 15 ( $3 \times 5$ ) days

The worker grub reaches maturity in 21 ( $3 \times 7$ ) days

And it is at work 3 days after leaving its cell.

The drone matures in 24 ( $8 \times 3$ ) days

The bee is composed of 3 sections

The two eyes are composed of about 3000 small eyes, each (like the cells of the comb) having six sides.

Underneath the body are 6 wax scales with which the comb is made.

It has 6 legs, each composed of 3 sections

The foot is formed of three triangular sections

The antennae consist of 9 sections

The stinger has 9 barbs on each side

Each watermelon has an even number of strips on the rind.

Each orange has an even number of segments.

Each ear of corn has an even number of rows.

Each stalk of wheat has an even number of grains.

Every bunch of bananas has on its lowest row an even number of bananas, and each row decreases by one, so that one row has an even number and the next row an odd number.

The waves of the sea roll in on shore twenty-six to the minute in all kinds of weather.

All grains are found in even numbers on the stalks

The Lord specified thirty fold, sixty fold, and a hundredfold - all even numbers. Mat. 13:23