

# Planets and its satellites

We should divide satellites of planets into two groups; natural moons orbiting the parents are in the first group, they have round shape and are of big-sized. Different size asteroid moons and their remains captured by planets in the process of geo-evolution belong to the second group. They have round-like, irregular or rough shape and are of small-sized only. Third small group are the visitor moons.

Mars has two satellites that represent asteroid-moons formed as the satellites by gravitation of the Mars. Jupiter has four natural moons of the same age and formed simultaneously together with itself. Active process of geo-evolution is continuing on Io still. That is proved by the volcanoes and geysers on their surface. Red-hot surface of the Jupiter during the geo-evolution significantly slowed down geo-evolution speed of the Io.

Moon Europe was the first cooled moon. After of cooling Europe was waterless satellite, it had lost all volcanic gasses because of little gravitation force. Water crystals are sediment there later. The reason for this was volcanic gases of Ganymede and Callisto. The main mass in volcanic gases is water vapour. Volcanic gases lost by the distant moons are always directed to the parent planet. European cold surface only played the role of barrier. Like Jupiter's moons these gaseous streams were travelled also between Saturn's satellites. At the earlier stage of geo-evolution natural moons loses great amount of volcanic gases. Exploded space-bodies formed huge gaseous shell around Saturn. The giant was surrounded by fiery gaseous streams (mainly water) for a long time. The huge Shell masses were cooling and partially sediment on the cooled moons and rings by this time. Debris in the rings, Asteroid-moons and natural moons were coated by Chemical Ice Shell. The part of the gaseous streams was glued as crystals on the fragments of the rings. Parts of chemical crystals are sediment on the moons; the circles were formed as a result of the catastrophe and that is the truth.

Main debris of different geo-spheres of destroyed space-bodies are impacted on the surface of planets and gravitated by the Sun. Crystals of volcanic chemical vapour, frozen in space are wandering still. Parts of chemical crystals lost by natural moons are sediment on the frozen clouds of giants.

Traveling of water crystals in the space with other chemical crystals from distant to the nearby satellite is an ordinary event in space. Five moon of Uranus can be considered as the moon formed almost simultaneously to it. Neptune captured one of the excellent visitor moons Triton. Pluto and Charon are also formed simultaneously and they are visitors of the solar system.

It must be noted, that many planet of different size are wandering within galaxy plane and periodically is entering in a star's planetary system. Pluto becomes as a new planet of the Sun from interstellar spatia and it's out of the planetary order. Often such event causes a great catastrophe. One of the events happened 4.1 billion years ago, when a 5-th planet between Mars and Jupiter was ruined and only belt of Asteroids formed by debris of exploded geo-spheres. Similar event was reason of the destroy one of the moons of Saturn. Only beautiful circles are created by the event. If the visitor planet is of small size, huge gravitation of giants can capture it. Visitor maybe becomes as a new moon or hit that.

**Additional data is in the Book: "The True story about recycling, renewing and evolution processes in the universe which has no origin and margins"!!!!**

**THE SENSATIONAL BOOK** [ahttp://www.cosmogeology.ge/BOOK%20BY%20AUTHOR.htm](http://www.cosmogeology.ge/BOOK%20BY%20AUTHOR.htm)