

## THE SOLAR SYSTEM BODIES: FROM OPTICS TO GEOLOGY (2008)

**ABOUT STRUCTURE AND EVOLUTION OF COMETS KERNELS.** Yu. N. Bondarenko, Odessa  
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It is shown that presence in the kernel of comet or analogical object from Koyper cloud and Oort cloud simultaneously silicate and ice phases due to the warming-up of disintegration heat of natural radio-active elements to formation with the complicated hollow configuration.

Such mechanism can explain existences of powerful kick of gaseous matter from the kernels of comets. This explained their small durability and propensity to rapid destruction. The directed kick of matter can explain transition of comets to the elliptic orbits with a perihelion near-by a Sun.

**References:** [1] Orlov S.V. (1945) In «Head of comet». [2] Site “Tunguska. Ru” — [www.tunguska.ru](http://www.tunguska.ru)