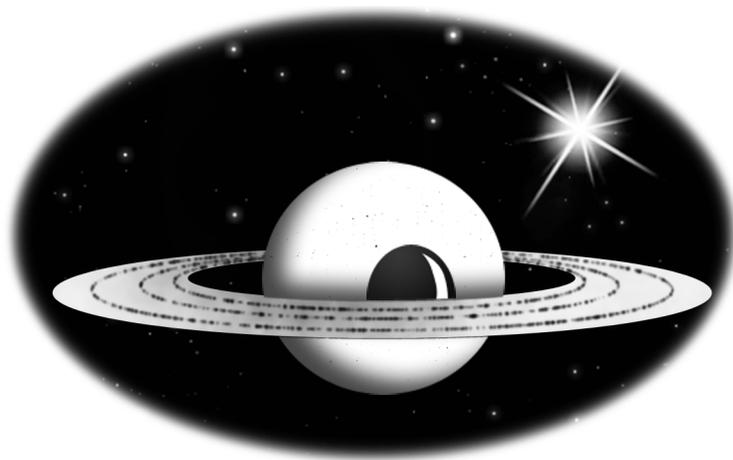


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Carpa R., 2010 Genetic recombination in bacteria: horizon of the beginnings of sexuality in living organisms. *ELBA Bioflux* **2**(1):15-22.

Fendrihan S., 2010 Microorganisms isolated from subsurface environments and their importance for astrobiology and theoretical biology. *ELBA Bioflux* **2**(1):23-36.