Nekola Nováková J.: Stopařův průvodce obyvatelnými planetami

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k minulosti Marsu

File:Artist's impression of Mars four billion years ago.jpg - Wikimedia Commons

Umělecká představa raného Marsu. Nevíme jistě, jak dlouho měl na povrchu kapalnou vodu a jak rozsáhlé byly vodní plochy, nicméně vlastnosti jako fosilní linie pobřeží, delty a koryta naznačují, že po nějakou dobu na něm panovaly podmínky příznivé pro život, jak ho známe.

ke zmínce o Enceladu u slapů

PIA17202 - Approaching Enceladus - Enceladus (měsíc) – Wikipedie

Saturnův měsíc Enceladus má navzdory své malé velikosti (má průměr podobný šířce ČR) pod ledovou slupkou oceán kapalné vody, a to díky slapovému ohřevu. Mohl by podobný mechanismus vést i k povrchové obyvatelnosti planet?

Two Halves of Titan - Titan (měsíc) – Wikipedie

Další měsíc Saturnu, Titan, je jediným měsícem v naší soustavě s nezanedbatelnou atmosférou. Ač Titan sám je nesmírně chladný (což nenahrává úvahám o exotickém životě v jeho uhlovodíkových mořích), nasvědčuje to možné obyvatelnosti exoměsíců.