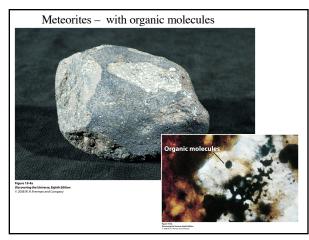


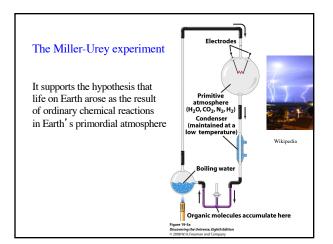
2

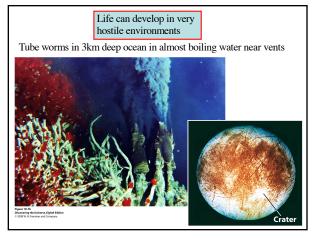
Biology based on organic molecules with silicon compounds? Bad qualities - reactions take far too long to support the evolution of life

L 3



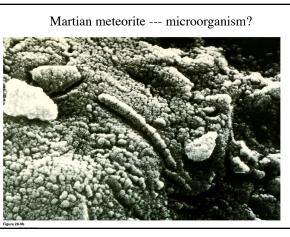
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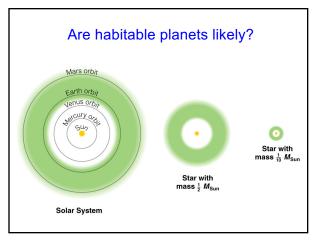


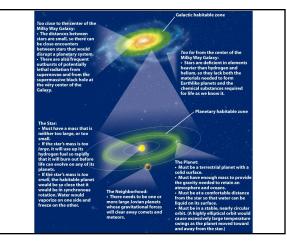


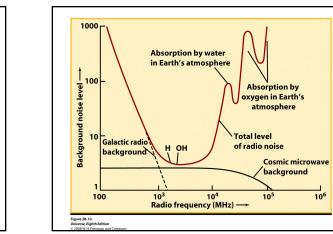
5

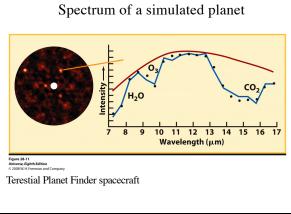




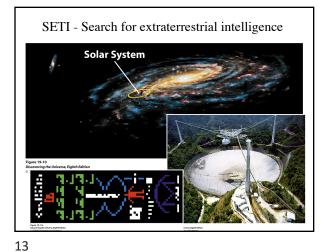


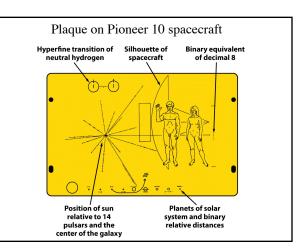


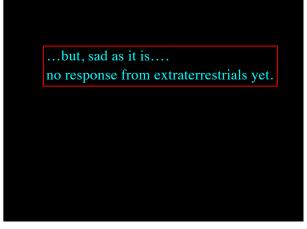






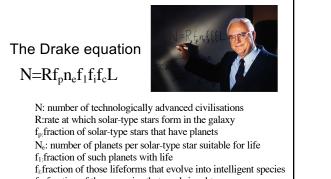












 $f_c$ : fraction of those species that send signal to us

