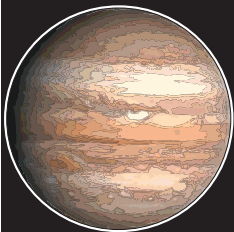


Jupiter's moon Europa could foster life

New research suggests that an ocean of water just beneath the icy shell of Europa might support life, with plumes of warmer water fracturing the surface giving access to organic compounds and light for photosynthesis



1610: Four main moons of Jupiter – including Europa – discovered by Italian astronomer *Galileo Galilei*. Jupiter has 64 confirmed moons

Io



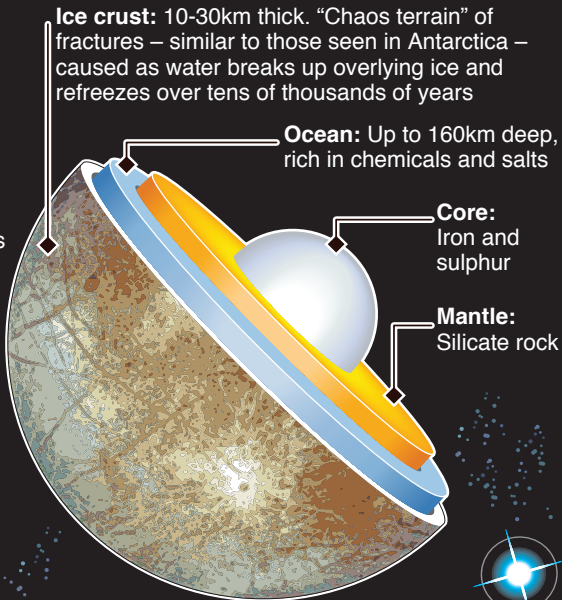
Europa



Ganymede



Callisto



With diameter of 3,138km, Europa is comparable in size to Earth's own moon