

**How did we first come to have
high quality evidence in any of
the sciences?**

●
CHAPTER 2 / THE EARTH AND SKY

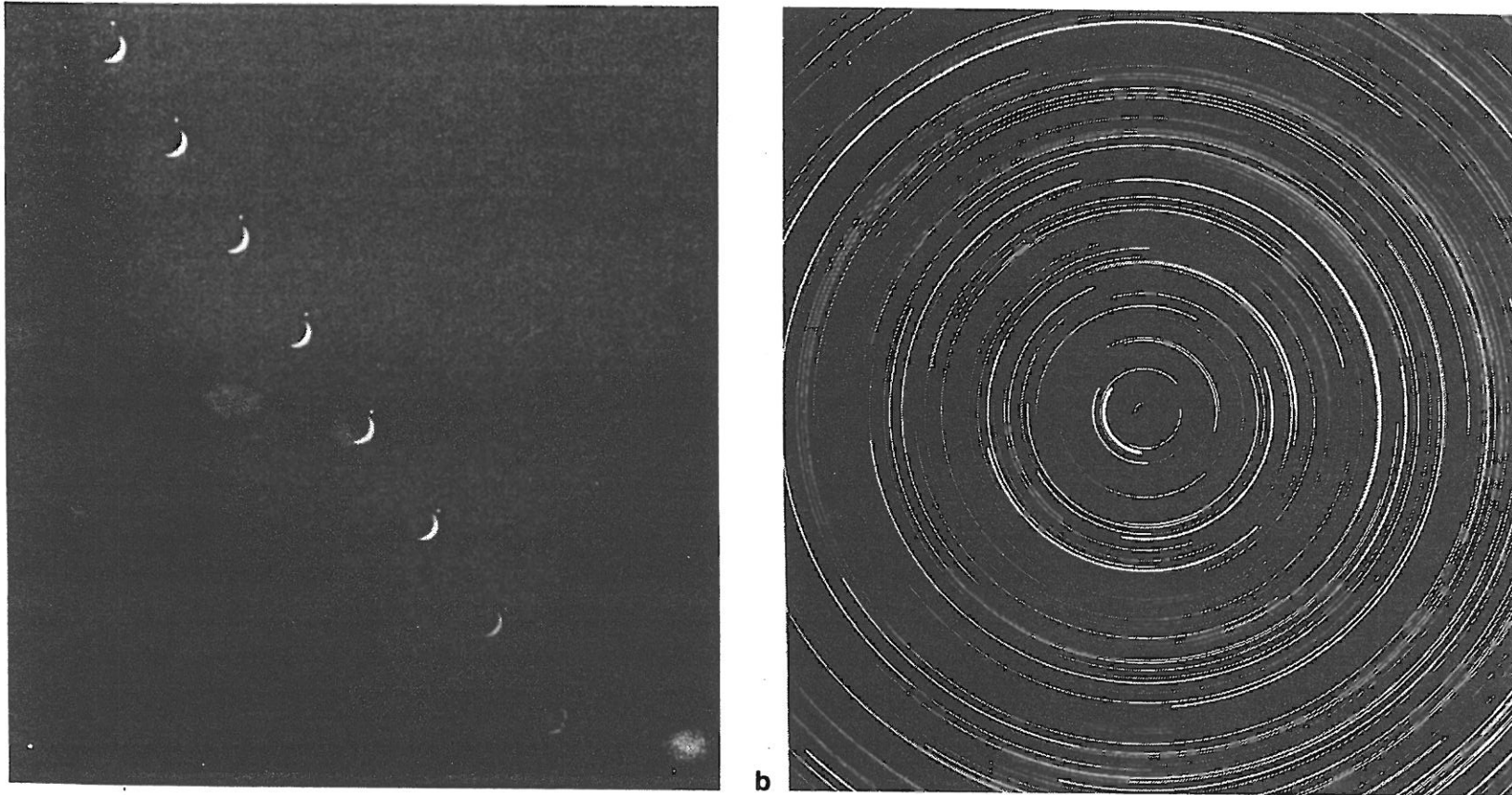


FIGURE 2-7 (a) The 4-day-old crescent moon and Venus setting. Exposures were made every 8 minutes, illustrating how the eastward rotation of the earth causes celestial objects to move westward across the sky. Note also the eastward motion of the moon relative to Venus. (b) A time exposure taken with a camera pointed at the north celestial pole shows star trails that demonstrate the apparent rotation of the sky. (a, William P. Sterne, Jr.; b, Lick Observatory photograph.)

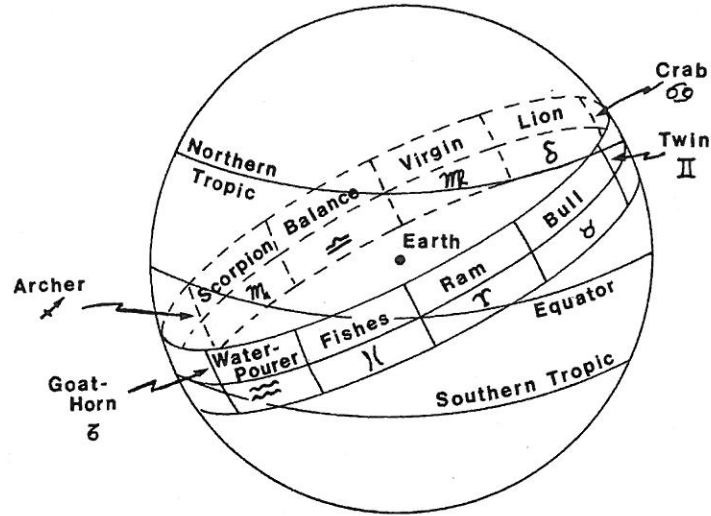


FIGURE 2.2. The celestial sphere and the signs of the zodiac.

<i>Symbol</i>	<i>Greek</i>	<i>Latin</i>	<i>English</i>
♈	Krios	Aries	Ram
♉	Taurus	Taurus	Bull
♊	Didymoi	Gemini	Twins
♋	Karkinos	Cancer	Crab
♌	Leōn	Leo	Lion
♍	Parthenos	Virgo	Virgin
♎	Zygos	Libra	Balance
♏	Skorpios	Scorpius	Scorpion
♐	Toxotēs	Sagittarius	Archer
♑	Aigokerōs	Capricornus	Goat-Horn[ed creature]
♒	Hydrochoōs	Aquarius	Water-Pourer
♓	Ichthyes	Pisces	Fishes