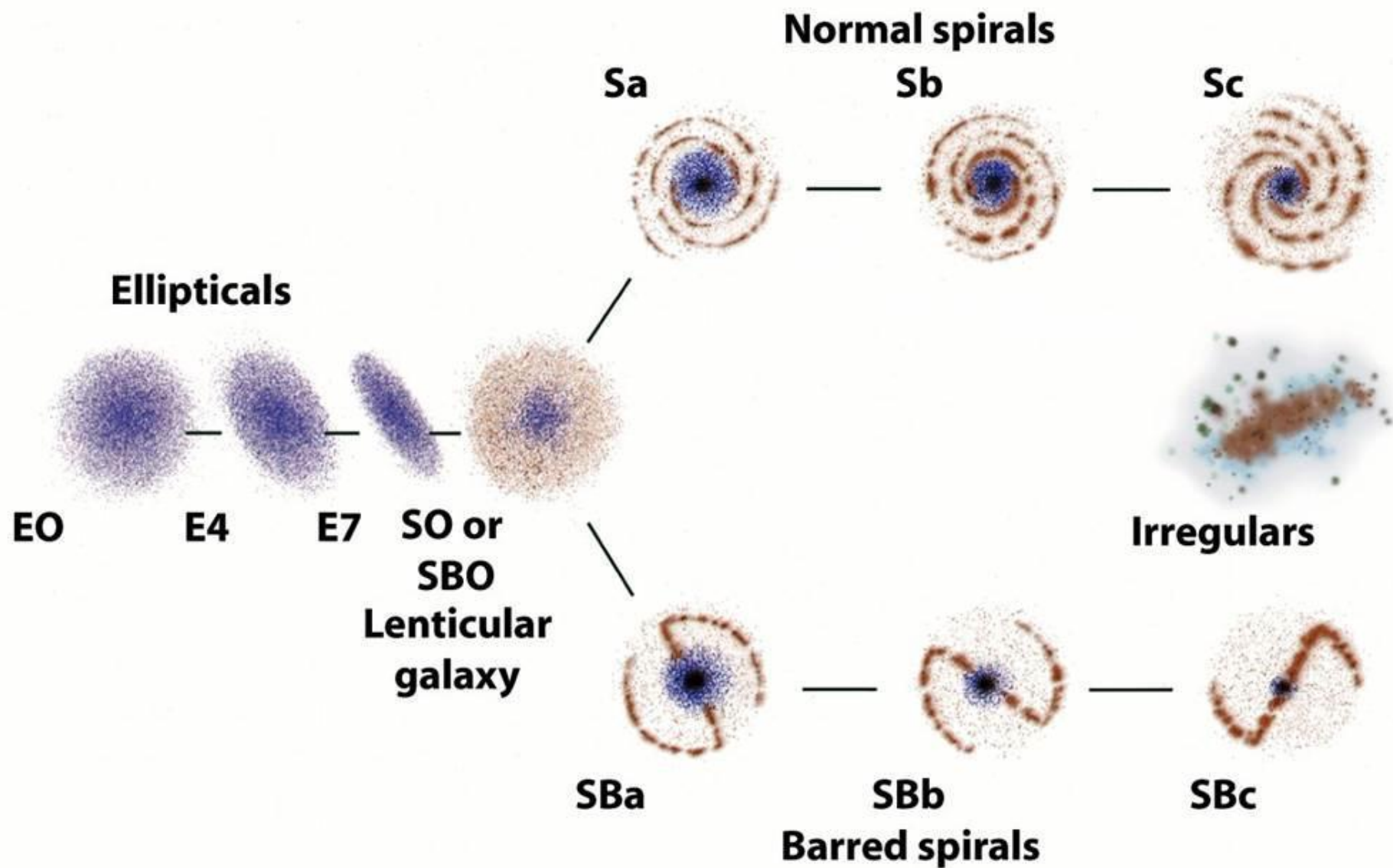


Hubble's tuning fork diagram

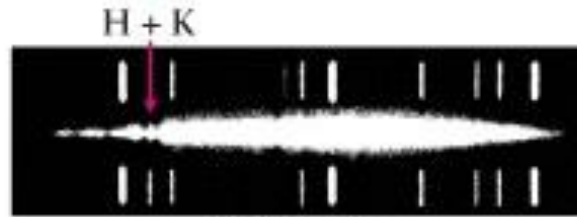


GALAXIES in



Virgo

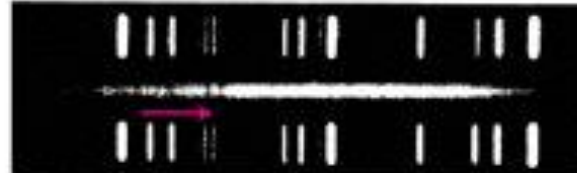
REDSHIFTS



1200 km/s



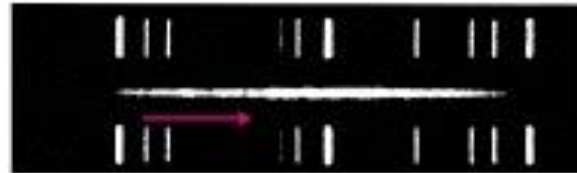
Ursa Major



15,000 km/s



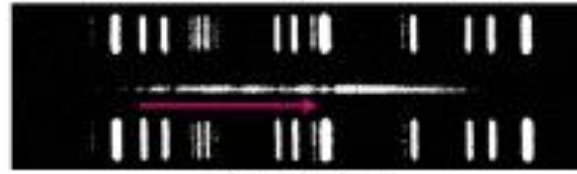
Corona Borealis



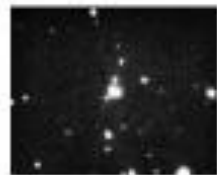
22,000 km/s



Boötes



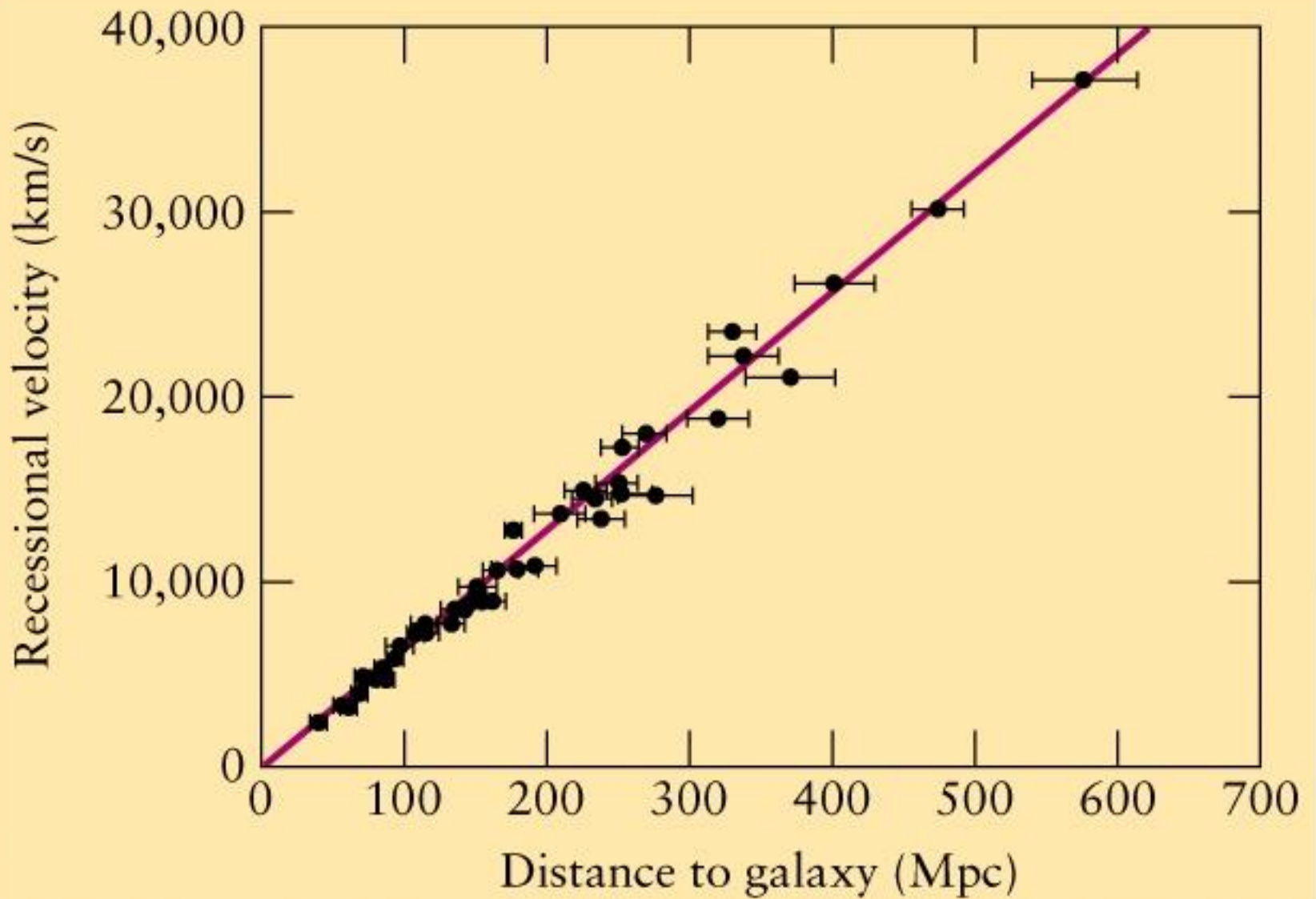
39,000 km/s

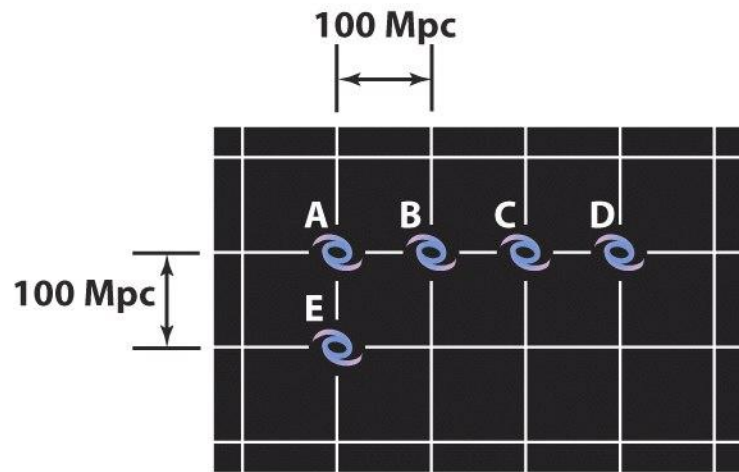


Hydra

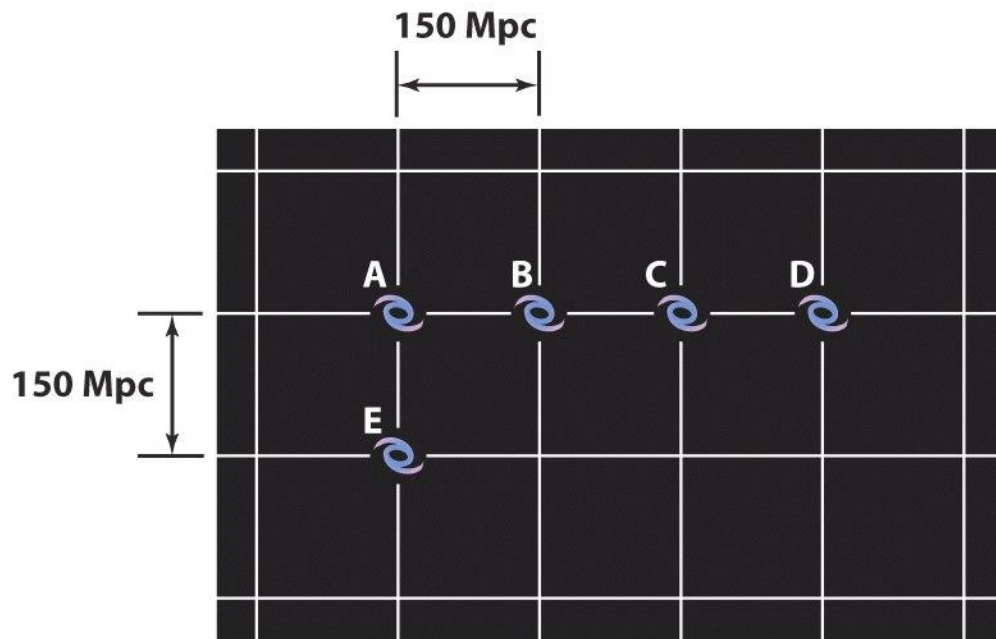


61,000 km/s





(a) Five galaxies spaced 100 Mpc apart



(b) The expansion of the universe spreads the galaxies apart