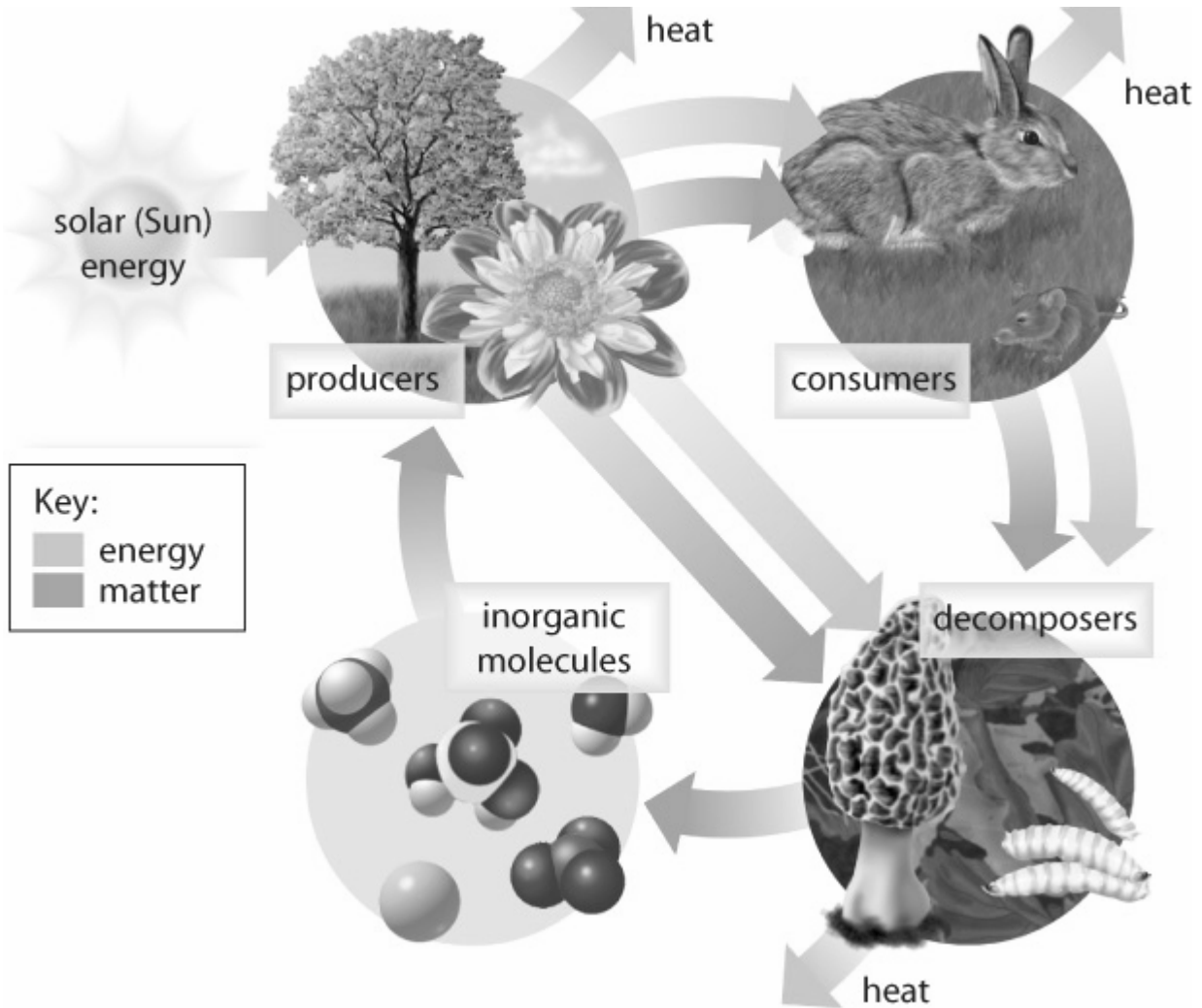


CHAPTER 1
OVERHEAD**Energy Transfer in the
Biosphere****BLM 1.1.8**

Matter cycles within the biosphere, but energy passes through it. As chemical energy is transferred from producers to consumers to decomposers, all the energy eventually dissipates into the environment as heat.