



FIGURE 28.2. (A) Physics deals with populations of atoms that remain intact and do not change state. (B) Biology deals with populations of genes or individuals that reproduce and die. The simplest case is where offspring are identical to their parents—as with species, asexual organisms, or genes at a single locus. (C) With sexual reproduction, pairs of individuals reproduce. Genes remain intact, but combinations of genes are reshuffled by sex and recombination.