



FIGURE 1.1 Characteristics of the sexual reproduction of algae (a)-(c) and nonalgal plants (d), (e). (a) Uniting gametes of a unicellular alga, *Chlamydomonas*. (b) Unicellular gametangia of a filamentous alga, *Oedogonium*. (c) Multicellular gametangium of *Ectocarpus*. Note that every cell is gametogenous. (d) Archegonium and (e) antheridium of a liverwort, a representative nonalgal plant. Sex organs multicellular and consisting of both gametic and sterile (vegetative) cells.