



**FIGURE 6.22.** Photosynthesis is shown here as a series of reactions that transform energy from one form to another. The different forms of energy are shown in *boxes*, the direction of energy transformation is shown by the *arrows*, the energy-transforming reaction is shown by the type intersecting the arrows (e.g., electron transfer), and the site at which the energy is stored is shown in *boldface type* outside the boxes. The primary photochemical reaction, charge separation, is shown in the *oval*.

6.22, redrawn from Whitmarsh J. et al., *Concepts in Photobiology: Photosynthesis and Photomorphogenesis*, Singhal G.S. et al., eds., Fig. 1, © 1999 Narosa Publishers and Kluwer Academic