



**FIGURE 20.7.** A synthetic set of six base pairs, which allows 12 “letters” in the genetic alphabet. The first two base pairs are those used by actual organisms. (Adenine has been modified so that all six pairs are maintained by three hydrogen bonds.)

20.7, redrawn from Szathmary E., *Proc. R Soc. Lond. B* **245**: 91–99, © 1991 The Royal Society