



FIGURE 5.10. Parallel evolution of crab-like form in arthropods. The tree shows an inferred phylogeny of a diversity of arthropod groups that include species with crab-like form. The general appearance of each group is shown above the taxon names. Crab-like forms are shown at the top of the figure. The *arrows* indicate which genera have that form. *Red branches* represent multiple origins of crab-like structure. Multiple origins are likely the result of the same or very similar simple changes in shared developmental pathways (see Chapter 11), and this is considered an example of parallel evolution.

5.10, redrawn from Morrison C.L. et al., *Proc. R Soc. Lond. B* **269**: 345–350, © 2002 The Royal Society