



FIGURE 10.16. The fossil record and metazoan phylogeny. *Dark lines* represent the temporal range of phyla from their first appearance in the fossil record to the present. Extrapolation into the Ediacaran is based on molecular clock data. Some relationships, particularly among the arthropods, remain controversial (see Fig. 10.17).

10.16, adapted from original drawing by Susan Butts, based on design by Matthew Wills