



FIGURE 10.30. *Rhyniognatha hirsti*, the oldest fossil insect, found in the Rhynie Chert of Scotland. This fossil has derived characters that are shared with winged insects and thus suggests a Devonian origin of wings.

10.30 top, modified from Engel M.S. et al., *Nature* **427**: 627–630, © 2004 Macmillan, www.nature.com; **10.30 bottom**, reprinted from Engel M.S. et al., *Nature* **427**: 627–630, © 2004 Macmillan, www.nature.com