



FIGURE 27.23. Example of phylogenetic congruence involving symbionts of plataspid stinkbugs (a type of insect). The phylogeny of plataspid stinkbugs (*left*) and their bacterial endosymbionts (*right*) is compared, showing that the topology of the trees is identical for the overlapping organisms. Each of the nodes is labeled with measures of support in different types of phylogenetic reconstruction (posterior probabilities in the Bayesian analysis) (*above*) and bootstrap probabilities as MP (maximum parsimony) analysis/ML (maximum likelihood) analysis (*below*). (Redrawn from Hosokawa T. 2006. *PLoS Biol.* **4**: e337, Fig. 5.)