



FIGURE 3.8. Soapberry bugs in Florida originally fed on the native balloon vine (*A*, lower), using their sharp beaks to penetrate the fruit. In the 1920s, the flat-podded golden rain tree (*A*, upper) was introduced from Asia. This has thinner-skinned fruit, and, correspondingly, soapberry bugs evolved shorter beaks after they switched to feed on this new host plant. (*B*) Each dot in the scatter plot shows the beak length of an individual bug taken from museum collections.

3.8A, modified from Carroll S.P. et al., *Evolution* **46**: 1052–1069, © 1992 Society for the Study of Evolution