

Figure 16.1 Principles of reserve design that have been proposed based in part on theories of island biogeography. Imagine that the reserves are “islands” of the original ecosystem surrounded by land that has been made uninhabitable by human activities such as farming, ranching, or industrial development. The practical application of these principles is still being studied and debated, but in general the designs shown on the right are considered to be preferable to those on the left. (After Shafer 1997.)

