



FIGURE 12.1. Estimated seed shadows for two white oak and two red oak species. (From Smallwood et al. 1998.) As predicted, the two white oak species (chestnut oak [CO], *Q. prinus*, and white oak [WO], *Q. alba*) show much shorter dispersal distances than the two red oak species (red oak [RO], *Q. rubra*, and black oak [BO], *Q. velutina*).