



**FIGURE 17.22.** *Vandiemենella* grasshoppers in southern Australia are divided into a parapatric mosaic of different geographic races and species, which are distinguished by different chromosome arrangements (indicated by small diagrams). Boundaries between taxa regarded as species are delimited by *solid lines*, and between races, by *dotted lines*. These are separated by narrow **hybrid zones** a few hundred meters wide. The ranges are shown extending into the areas of the Southern Ocean that were dry during the Pleistocene; this accounts for the distribution of the three taxa found on Kangaroo Island (*center*). *Inset*: a male *Vandiemենella pichirichi*.

17.22, redrawn from White M.J.D., *Modes of Speciation*. Fig. 16, © 1978 W.H. Freeman