



FIGURE 21.13. (A) Ranges of haploid genome size (C value) in major groups. (B) Annual species of flowering plants tend to have smaller genomes than perennial species. Red bars indicate species that are known to be polyploid. Overall, fast-growing “weeds” have genomes typically smaller than 10 pg, whereas almost all plants with genomes larger than 30 pg are perennial.

21.13A, redrawn from Cavalier-Smith T., *Annu. Rev. Biophys. Bioeng.* **11**: 273–302, © 1982 Annual Reviews, www.annualreviews.org; 21.13B, modified from Bennett M.D., *Proc. R Soc. Lond. B* **181**: 109–135, © 1972 Royal Society of London