

Conservation priority based on evaluation of species of greatest conservation need (SGCN)

Arkansas determined which ecoregions have more species of greatest conservation concern and/or more greatly imperiled species. Ecoregion Scores (Figure 3.3) equal the sum of all Species Priority Scores (defined on pages 7-15) within an ecoregion. A higher score implies more species of greatest conservation need and/or species with a greater need for conservation (Table 3.1).

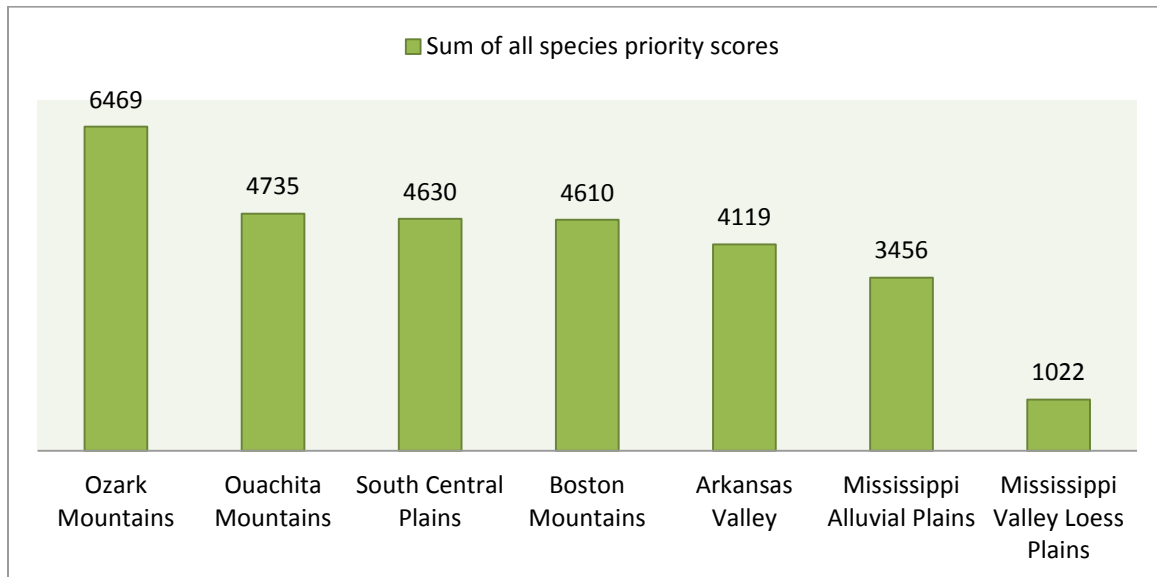


Figure 3.3. Sum of species priority scores by ecoregion.

Table 3.1. Average SPS (Species Priority Score) and number of SGCN in each ecoregion. A greater number of SGCN are affected by conservation actions in ecoregions with higher scores. A higher average SPS means that the ecoregion’s species are in greater need of conservation actions.

Ecoregion	Total SGCN	Average Priority Score
Ozark Mountains	209	31
South Central Plains	169	27
Ouachita Mountains	163	29
Boston Mountains	154	30
Arkansas Valley	159	26
Mississippi Alluvial Plain	141	25
Mississippi Valley Loess Plains	50	20