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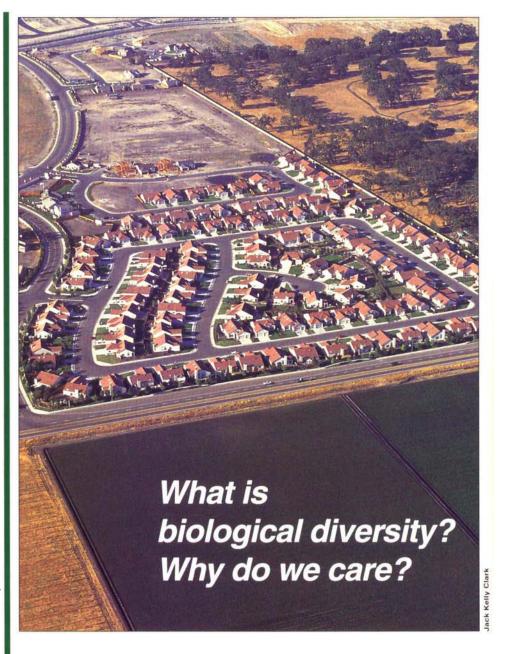
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Cover: Strips of natural landscape along riverbanks can provide wildlife habitat for endangered species such as least Bell's vireo, shown here in the Prado Basin of Southern California. Photo by B. Moose Peterson/WRP



ur lives, and those of future generations, depend on biological diversity. Scientists have described 1.4 million species on Earth, but they estimate the true total is up to 100 times greater. All contribute to the healthy functioning of the planet. Some with the least appeal—soil fungi, bacteria and insects—are essential workhorses that clean air and water, and recycle nutrients to create fertile soil.

Today the extinction rate is among the highest in the fossil record — perhaps 10 to 1,000 times the background rate. By far the greatest threat to biological diversity is human population growth; Californians will double to 63 million by 2040, usurping open space, wildlife habitat and farmland.

In this issue, we take stock of California's current biological diversity and the roles farmers and ranchers can play in conserving it, while maintaining economic viability. We begin with a look at the current controversies surrounding the Endangered Species Act. –Editor

California Agriculture gratefully acknowledges the contributions of the Guest Editorial Committee for this issue: Michael Clegg and Cal Qualset, co-chairs; Don Erman, Debbie Elliott-Fisk and Terry Salmon.