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Cover photo. Heart Lake (37°25'07"N, 118°45'15" W) lies at an elevation of approximately 3200 m asl in the Little Lakes Valley of the eastern Sierra Nevada. The region was glaciated during the late Pleistocene Tioga glaciation and contains numerous small lakes. Heart Lake is part of an extensive lake surface-sample network used to produce diatom and chironomid transfer-functions to infer past environmental conditions from lake sediment cores. Air and water temperatures continue to be monitored at Heart Lake as part of a UCLA long-range study of climate change and lake response in the eastern Sierra Nevada (see MacDonald et al., pages 131–140, in this issue) (photo © G.M. MacDonald).