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COVER

Skeleton of oldest known fossil bat, Icaronycteris index, with shadowy, theoretical restoration of the wings and feet, extended as they might have been when the animal was flying in Early Eocene time 50 million years ago in Wyoming. Photograph of skeleton is not retouched, but picture of oil-shale matrix is extended by composite repetition of photos. Dorsal side, natural size. See page 1333. [Princeton University Museum of Natural History]