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Quaternary Research is an international journal devoted to the advancement of the interdisciplinary understanding of the Quaternary Period. We aim to publish articles of broad interest with relevance to more than one discipline, and that constitute a significant new contribution to Quaternary science. The journal's scope is global, building on its 50-year history in advancing the understanding of Earth and human history through interdisciplinary study of the last 2.6 million years.

Research areas include geoarcheology, geochemistry and geophysics, geochronology, geomorphology, glaciology, neotectonics, paleobotany and paleoecology, paleoclimatology, paleogeography, paleohydrology, paleontology, paleoceanography, paleopedology, quaternary geology, volcanology and tephrochronology.

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Photo Caption: Monquentiva is a peat bog situated ~ 3000 m above sea level in the high Andean slopes of the eastern Colombian Cordillera, Cundinamarca, ~50 km northeast of the capital city of Bogotá. The climate, geographical location, and topography of Monquentiva favour a mosaic of vegetation and concentration of biodiversity including High Andean Forest, Subpáramo, and Páramo species, making the site an attractive habitat for extant megafauna. A 3.65 m sediment core recovered from Monquentiva presents the first multi-species record of spores of coprophilous fungi (SCF) from South America to investigate the decline of Late Pleistocene megafauna. The SCF record indicates the presence of Pleistocene megafauna since at least 30,290 BP, with two waves of megafaunal decline at ca. 22,900 BP and 10,990 BP. At Monquentiva, fossilised pollen and charcoal show that megafaunal decline in the Early Holocene resulted in transitional non-analogue vegetation, loss of some herbivore-dispersed plant taxa, an encroachment of palatable and woody flora, and a rise in fire activity. Photo: Felix Pym (see Pym et al., 2023, pages 1–17 of this issue).