
Mimosoxylon sp. a fossil wood closely allied to the subfamily Mimosoideae is recorded for the first time in the Upper Pliocene Ituzaingó Formation of Corrientes Province. It is characterized by diffuse porosity, vessels in general solitary, scarce, small multiples, moderately numerous. Rays homocellulars of 3-5 cell wide. The taxon can be related with several pollen species of this subfamily and therefore contributes to our better knowledge of the Upper Tertiary paleofloras of Argentina.