We report a complete left fourth metatarsal collected from rocks of the Upper Cretaceous (Campanian) “El Gallo” Formation exposed along the Pacific Ocean near El Rosario, Baja California, México. The metatarsal IV was part of an arctometatarsalian metatarsus, as evidenced by a deep medial notch proximally and extensive articulation for metatarsal III. This condition, along with the U-shape of the proximal end, supports identification as tyrannosaurid. It is assigned to Tyrannosauridae based on features on the posterior surface of the shaft, but finer taxonomic resolution is not possible. Compared to other tyrannosaurids, the metatarsal is relatively short, closely resembling the proportions of the gracile Albertosaurus sarcophagus rather than the much more massive, robust metatarsals of Tyrannosaurus rex. The Baja tyrannosaurid metatarsal is shorter than almost all other tyrannosaurid fourth metatarsals, raising the possibility that it pertains to an immature individual. North American tyrannosaurids are best known from the northern coast of the Western Interior Seaway, as well as less frequently on the southern coast of the seaway in Utah and New Mexico. The new record in Baja marks the first unambiguous skeletal material of a tyrannosaurid both in México and along the Pacific coast.

**Key words:** Dinosauria, Tyrannosauridae, fourth metatarsal, Campanian, “El Gallo” Formation, Baja California, México.