Kempyninae are a subfamily of osmylid lacewings whose extant representatives are restricted to the austral continents. Three new osmylids, *Jurakempynus sinensis* gen. et sp. nov., *J. bellatulus* gen. et sp. nov., and *J. epunctatus* gen. et sp. nov. are described from the Middle Jurassic Jiulongshan Formation of Daohugou Village, Inner Mongolia, China. The new genus *Jurakempynus* is assigned to the subfamily Kempyninae constituting its oldest known occurrence. It is allied to the Australian genus *Kempynus*, sharing two synapomorphies: extremely expanded MP space and distally forked MP2 in the hindwing. The occurrence of *Jurakempynus* gen. nov. in China (Northern Hemisphere) implies a much wider geographic range of the Mesozoic osmylid lacewings in comparison to their modern counterparts.