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Venoms of *Centruroides* and *Tityus* species from Panama and their main toxic fractions

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Abbreviated title: scorpion venom from Panama

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Abstract

The scorpionism in Panama is notorious for the confluence and coexistence of buthid scorpions from the genera *Centruroides* and *Tityus*. This communication describes an overview of the larger representative toxic venom fractions from eight dangerous buthid scorpion species of Panama: *Centruroides* (*C. granosus*, *C. bicolor*, *C. limbatus* and *C. panamensis*) and *Tityus* (*T. (A.) asthenes*, *T. (A.) festae*, *T. (T.) cerroazul* and *T. (A.) pachyurus*). Their venoms were

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