*Trachyrhachys kiowa*, the Kiowa grasshopper, is a very common grasshopper throughout the rangelands of Wyoming. It becomes most abundant in the shortgrass prairies and least abundant in the desert southwest. Eggs overwinter in the soil and hatch in June. Adults are common from mid July to September. It feeds on grasses and has a distinct preference for blue grama where available. At times large populations will damage rangeland forage, usually in conjunction with other species.