*Trimerotropis pistrinaria* is found in the eastern two-thirds of Wyoming and is probably absent from the desert southwest. It prefers dry prairie sites with barren or eroded soil. Eggs overwinter in the soil. Adults were present from mid July through August. It is a mixed feeder and is known to prefer milkvetches (*Astragalus*) and other forbs. It is rarely abundant and is not known to significantly affect plants on the rangeland.