

REPORT OF *PAEDERUS* SPECIES IN IRAN, MAZANDARAN AND FARS PROVINCES, 2012- 2013

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Abstract Rove beetles of the genus *Paederus* cause dermatitis when they come in contact with human skin. Their hemolymph contains a blistering, vesicant and toxic amide named pederin. Dermatitis caused by stimulation of beetle *Paederus*, is a common health problem in Iran especially in Mazandaran (North of Iran) and Fars (South of Iran) provinces. *Paederus* is a genus of small beetles of the family Staphylinidae (rove beetles) with 622 valid species (Frank and Kanamitsu, 1987). This survey was carried out in several different districts of the Mazandaran and Fars provinces over a period of two years, during spring and summer 2012 and 2013. Rove beetles from selected areas were collected during every visit with the help of aspirator, during day hours (10:00-15:30) with hand catch method using. The greatest number of specimens (334) was collected from north (Mazandaran province) and identified as *Paederus fuscipes*. Other 154 beetles were collected from south (Fars province) were classified in two groups; *Paederus fuscipes* (28.07%) and *Paederus littoralis* (71.93%).

