Three new records of Bumblebee species (Hymenoptera: Apidae) from Iran
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Abstract

Bumblebees (genus Bombus) belong to family Apidae and superfamily Apoidea. The world bumblebee fauna consists of about 250 species and there are 150 species in different parts of the world, in mountainous parts of Iran and they are known as important pollinators of natural and greenhouse plants. During last decade, there have been some modifications in classification of these bees such as justifying in number of subgenera to 15 subgenera and some species names known as synonyms and as one species name. During these years 2008 to 2015 by sampling from various regions of Iran, more localities of living area of these bees determined. These regions were in provinces of Kohgiluyeh & Boyer Ahmad (Kakan, Sisakht), Fars (Sepidan, Sarbaz), Chaharmahal & Bakhtiari (Cheshmeh Shyakhli, Baharud, Fansar) and West Azarbayjan (Urmia, Silvan). Also in these sampling mostly most of species were collected in Iran Pollinator Insects Museum, in faculty of Agriculture of Yazoo University. Confirmations of species records for new iranian bumblebees carried out by Pierre Rasmont in Laboratory of Zoology of Mons University, Belgium. New records were B. (Melanomachus) similis B. (Phalaenopterus) rapatae and B. (Theoglossobombus) velox. The first species, B.M. similis, was collected from Tehran (Deir), Golestan (Gorgan, Shah kad), Artabul (Sabalan, Alvares, Sarein to, Mazandaran species collected. Procedures were done in laboratory. and JL Osborne. 2009. Bumblebee vulnerabiliy:md conservatioo world w.;,l Apidologie 40 (Gho~oee, ~eskhinshahr, Garmabdar, Fasham, Lalan) species (45), (Psithyrus) ruep streis (f).

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