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On the fauna of digger wasps (Hymenoptera: Sphecidae) of the Republic Of Dagestan
К фауне роющих ос (Hymenoptera: Sphecidae) Республики Дагестан

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Key words: Hymenoptera, Sphecidae, new record, Dagestan, Caucasus, Russia.
Ключевые слова: Hymenoptera, Sphecidae, новая регистрация, Дагестан, Кавказ, Россия.

Abstract. Distribution data are provided for four species of digger wasps (Hymenoptera: Sphecidae) belonging to four genera. *Palmodes orientalis* (Mocsáry, 1883) is recorded for the first time from the Republic of Dagestan.

Резюме. Приводятся новые данные о распространении четырёх видов роющих ос (Hymenoptera: Sphecidae) в Респрублике Дагестан. Вид *Palmodes orientalis* (Mocsáry, 1883) приводится впервые для этого региона.

Introduction

The sphecid fauna of the Republic of Dagestan remains insufficiently studied. During fieldwork conducted in July 2026 in several regions of Dagestan, material representing four species of digger wasps was collected; the corresponding records are presented below.

This work continues a series of articles on Hymenoptera that have recently been published in the journal [Antonov et al., 2024a, b; Dubatolov, 2024; Kochetkov, Kuberskaya, 2024; Mammadov, 2024; Novgorodova, Chesnokova, 2024; Seryodkin et al., 2024; Bugrov, 2025; Chesnokova et al., 2025; Lee et al., 2025; Plonski et al., 2025; Babkina et al., 2026].

All material is deposited in the collection of Invertebrate Zoology Chair of the Biological Institute, Tomsk State University, Russia.

The present work is registered in ZooBank (www.zoobank.org) under urn:lsid:zoobank.org:pub:B32BD72D-2842-4198-AEB3-30FCAA-9C2AE9

Sceliphron madraspatanum tubifex (Latreille, 1809)

Material. ***Babayurtovskii District:*** Terek–Kuma Lowland, 1.5 km S of Pervomayskoye village, 43°32'46" N, 46°40'05" E, pasture, 15.VII.2026, D.S. Plekhanov leg. — 1♀; ***Derbentskii District:*** Tabasaran Foothills, 4 km W of Gedzhukh village, near the Darvagchay River, 42°07'08" N, 48°00'56" E, foothill steppe, 18.VII.2026, D.S. Plekhanov leg. — 1♀.

Distribution. Russia: Astrakhanskaya and Samarskaya Oblasts, Krasnodarskii Krai; Caucasus, Crimea, southern Europe, North Africa, and Western, Central, Southern, Southeastern, and Eastern Asia.

Sphex funerarius Gussakovskij, 1934

Material. ***Derbentskii District:*** Tabasaran Foothills, 4 km W of Gedzhukh village, near the Darvagchay River, 42°07'08" N, 48°00'56" E, foothill steppe, 18.VII.2026, D.S. Plekhanov leg. — 1♀.

Distribution. Europe, North Africa, Western and Central Asia, Mongolia, and China. Russia: southern and central parts of European Russia, North Caucasus, Dagestan, the Urals, South Siberia to Transbaikalia and Amurskaya Oblast.

Palmodes orientalis (Mocsáry, 1883)

Material. ***Tarumovskii District:*** Kizlyar Bay, 2.5 km N of the Caspian Sea coast, 44°21'45" N, 46°59'47" E, coastal lowland with sparse shrubby vegetation, 21.VII.2026, D.S. Plekhanov leg. — 2♂♂.

Distribution. Russia: European part including Astrakhanskaya Oblast and Krasnodarskii Krai, West and East Siberia including Krasnoyarskii Krai, Buryatia, Tyva, and Transbaikalia; Crimea, Turkey, Iran, Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Mongolia, and China.

Prionyx kirbii (Vander Linden, 1827)

Material. ***Tarumovskii District:*** Kizlyar Bay, 2.5 km N of the Caspian Sea coast, 44°21'45" N, 46°59'47" E, coastal lowland with sparse shrubby vegetation, 21.VII.2026, D.S. Plekhanov leg. — 1♂.

Distribution. Southern and Central Europe and parts of Western Europe, North Africa, Western and Central Asia, and China; Russia: southern European part, Dagestan, Astrakhankaya and Rostovskaya Oblasts, Kalmykia, Krasnodarskii Krai, Altaiskii Krai.

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