

LONGHORNED BEETLES OF KIRIKKALE PROVINCE IN TURKEY (COLEOPTERA: CERAMBYCIDAE)

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ABSTRACT: This work is the first attempt for entire longhorned beetles fauna of Kırıkkale. All known taxa from Kırıkkale province are given with new faunistic data in the present text. 31 species are new records for Kırıkkale province. *Pedostrangalia verticalis* (Germar, 1822) is also the first record for Central Anatolian Region of Turkey. Moreover, *Phytoecia rufipes rufipes* (Olivier, 1795) is also the first report for the northern half of Turkey.

KEY WORDS: Cerambycidae, Coleoptera, fauna, new records, Kırıkkale, Turkey.

The research area of the present work covers Kırıkkale province. Kırıkkale is located at 39°51' North, 33°30' East coordinates. It is placed in Central Kızılırmak part of Central Anatolian Region. It is bounded by Çankırı province in the North, Çorum province in the North-East, Yozgat province in the East, Kırşehir province in the South-East, Ankara province in the West and South. Kırıkkale province has 8 counties as Bahşılı, Balışeyh, Çelebi, Delice, Karakeçili, Keskin, Sulakyurt and Yahşihan. (Map 1).

Its Mountains are placed on slope in which Çamlıca, Karakaya ve Kırıkkale hills in north of the provincial territories descend to the plain level. The elevation of province is about 700 m. Koçu Mt. that extends direction in Northwest-Southeast, has 4 km width and 7 km length. Its highest point is Yiğlitepe (1278 m). Denek mountain range in South and Souteast of the province that extends between Keskin and İzzettin village in South of Çoruhözü valley, has 30 km width and 44 km length. Its highest points are Gavur hill (1742 m) and Bozkaya hill (1577 m). Küre Mt. extends direction in Northeast-Southwest. Its highest point is Küre hill (1450 m).

The areas which contains plains, are too few in the province. The most important plain is Kırıkkale plain.

Plateaus of which elevations change 1200 and 1600 m., occur in Kırıkkale province. These are: Hodar, Bedesten, Kamışlı, Sarıkaya in Küre Mt.; Koçu in Koçu Mt.; Gümüşpınar, Pehlivanlı, Suludere, Yeşilkaya, Azgın in Denek Mt.

Kırıkkale has two different types of vegetation, namely "Step vegetation" and "Forest vegetation". Dominant vegetation in the province is step formation. The forestal areas that forms from dwarf oaks and partly junipers, are in Koçubaba Mt. in North and Denek Mt. in South.

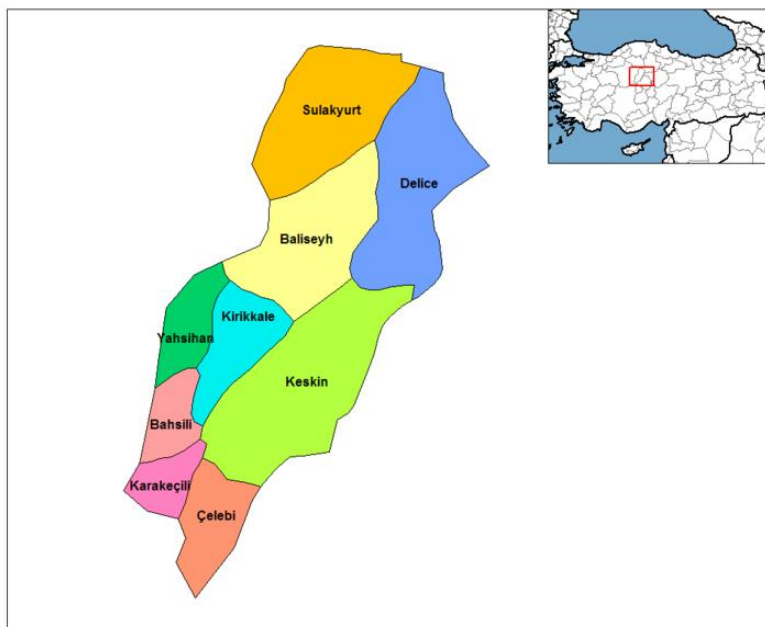
The territory is in massif of Kırşehir that extends along the Keskin, Hirfanlı, Kesikköprü, Kırıkkale and Kızılırmak.

Kırıkkale has a continental climate (Köppen climate classification *Dsa*) and semi-arid climate (Köppen climate classification *BSk*), with cold and snowy winters and hot and dry summers. Rainfall occurs mostly during the spring and autumn. In the province, the direction of prevailling wind is North-East. Relative humidity is 63%. Pressure is 929.8 hPa.

This fauna is known too few. Only 8 species have been recorded from Kırıkkale province until the present work. So the longhorned beetles fauna of

Kırıkkale has not been studied completely until now. More detailed information of most evaluated species in the text can obtain in the works of Özdikmen (2007, 2008a,b and 2011) and Sama et al. (2012).

In this work, new faunistical data are presented. Besides, according to cited literatures, all known taxa from Kırıkkale province are also given in the text. So I determined that the longhorned beetles fauna of Kırıkkale province consists of 40 species (belong to 6 subfamilies, 22 genera). However, it must be suppose that the fauna is richer from determining fauna now. Since some known taxa in Turkish fauna should be presented in this region. But the taxa which can be supposed in this area are not mentioned in the present text. Consequently it would be expected that a number of additional species and new records are to be expected to occur in Kırıkkale.



Map 1. Kırıkkale province and its counties.

ARRANGEMENT OF INFORMATION

Information in the present text is given in the following order:

The subfamily and the tribe names are given simply.

For the genus and subgenus names, the type species are provided under the taxon names.

For each species, the whole subspecies are provided under the taxon names.

The data, **Material examined**, **Old records in Kırıkkale**, **Records in Turkey**, **Remarks** and **Chorotype** under the title for each taxon is given.

Material examined. Material examined that is provided for some taxons covers the original records for Kırıkkale province in Turkey. The most materials were collected from various localities in Kırıkkale. They are deposited in Gazi University (Ankara).

The data under the title of Material examined are given according to the following outline as possible as:

Kırıkkale⁽¹⁾; Yahşihan⁽²⁾, Küçükalan⁽³⁾, 14.VI.2009⁽⁴⁾, 2 specimens⁽⁵⁾ (⁽¹⁾ Administrative district (Province); ⁽²⁾ Town; ⁽³⁾ Village; ⁽⁴⁾ Collecting date (day/month/year); ⁽⁵⁾ Number of specimens).

Old records in Bolu. These parts include previous records that have been given by various authors in different literatures from Kırıkkale. The whole records are evaluated with localities in related references. Each record is accompanied by the author's name and publication date of the related reference.

Records in Turkey. The abbreviations of the provinces and lands in Turkey are given in paranthesis. These parts include previous records that have been given by various authors in different literatures.

Remarks. In these parts, taxonomical and nomenclatural problems are discussed for some taxons and are given regional and general distribution range in Turkey chiefly.

Chorotype. The present zoogeographical characterization is based on the chorotype classification of Anatolian fauna, recently proposed by Vigna Taglianti et al. (1999). In the text, a possible chorotype description can be identified for each taxon. But this kind of description cannot be possible for some taxons, so two or more chorotypes are used for them.

ABBREVIATIONS OF THE PROVINCES AND LANDS IN TURKEY

ADANA (AD)	ELAZIĞ (EL)	MANİSA (MN)
ADIYAMAN (ADY)	ERZİNCAN (ER)	MARDİN (MR)
AFYON (AF)	ERZURUM (EZ)	MUĞLA (MG)
AĞRI (AG)	ESKİŞEHİR (ES)	MUŞ (MU)
AKSARAY (AK)	GAZİANTEP (GA)	NEVŞEHİR (NE)
AMASYA (AM)	GİRESUN (GI)	NİĞDE (NI)
ANKARA (AN)	GÜMÜŞHANE (GU)	ORDU (OR)
ANTALYA (ANT)	HAKKARİ (HA)	OSMANİYE (OS)
ARDAHAN (AR)	HATAY (HT)	RİZE (RI)
ARTVİN (ART)	İĞDIR (IG)	SAKARYA (SA)
AYDIN (AY)	ISPARTA (IP)	SAMSUN (SM)
BALIKESİR (BL)	İÇEL (IC)	SİİRT (SI)
BARTIN (BR)	İSTANBUL (IS)	SİNOP (SN)
BATMAN (BA)	İZMİR (IZ)	SİVAS (SV)
BAYBURT (BY)	KAHRAMANMARAŞ (KA)	ŞANLIURFA (SU)
BİLECİK (BI)	KARABÜK (KR)	ŞIRNAK (SK)
BİNGÖL (BN)	KARAMAN (KM)	TEKİRDAĞ (TE)
BİTLİS (BT)	KARS (KAR)	TOKAT (TO)
BOLU (BO)	KASTAMONU (KS)	TRABZON (TB)
BURDUR (BU)	KAYSERİ (KY)	TUNCELİ (TU)
BURSA (BS)	KIRIKKALE (KI)	UŞAK (US)
ÇANAĞKALE (CA)	KIRKLARELİ (KK)	VAN (VA)
ÇANKIRI (CN)	KİRŞEHİR (KIR)	YALOVA (YA)
ÇORUM (CO)	KİLİS (KL)	YOZGAT (YO)
DENİZLİ (DE)	KOCAELİ (KO)	ZONGULDAK (ZO)
DİYARBAKIR (DI)	KONYA (KN)	THRACIA (=EUROPEAN TUR.) (TRA)
DÜZCE (DU)	KÜTAHYA (KU)	TURKEY (TUR)
EDİRNE (ED)	MALATYA (MA)	

Family CERAMBYCIDAE**Subfamily PRIONINAE****Tribe PRIONINI*****Mesoprionus besikanus* (Fairmaire, 1855)**

Old records in Kırıkkale prov.: Sulakyurt (Özdere) (Özdikmen & Demir, 2006).

Records in Turkey: AD-AN-ANT-BI-BS-BU-CA-DE-ER-EZ-IC-IS-IZ-KI-KL-KN-KU-KY-MG-NE-US-TRA-TUR

Remarks: The species distributes mostly in W half of Turkey. As seen above, it has been recorded only by Özdikmen & Demir (2006) from Kırıkkale province until now. Unfortunately, any specimen of the species did not obtain from Kırıkkale.

Chorotype: Turano-Mediterranean (Balkano-Anatolian).

***Prionus coriarius* (Linnaeus, 1758)**

Old records in Kırıkkale prov.: Sulakyurt (Özdere) (Özdikmen & Demir, 2006).

Records in Turkey: AN-ANT-ART-AY-BL-BO-BU-HT-KA-KI-KK-KO-KS-RI-SN-TB-TUR

Remarks: The species distributes rather widely in Turkey. As seen above, it has been recorded only by Özdikmen & Demir (2006) from Kırıkkale province until now. Unfortunately, any specimen of the species did not obtain from Kırıkkale.

Chorotype: Sibero-European + Turano-Europeo-Mediterranean.

Subfamily LEPTURINAE**Tribe RHAGINI*****Cortodera flavimana* (Waltl, 1838)**

Material examined: Kırıkkale: Bedesten village, N 39 47 E 33 21, 21.V.2011, 1 specimen.

Records in Turkey: AD-AF-AK-AN-ANT-ART-BO-BS-BY-CN-EZ-GU-IC-IP-IS-IZ-KA-KAR-KN-KO-KR-KS-KY-NI-RI-SM-SN-SV-TO-YO-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-Mediterranean (Balkano-Anatolian).

Tribe LEPTURINI***Vadonia unipunctata unipunctata* (Fabricius, 1787)**

Material examined: Kırıkkale: Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VI.2011, 34 specimens; Yahşihan cemetery, N 39 50 E 33 25, 25.VI.2011, 1 specimen; 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 1 specimen; Kırıkkale-Balışeyh road, 15 km to Balışeyh, 16.VI.2011, 1 specimen; Sulakyurt-Balışeyh road, 1 km to Sulakyurt, N 40 6 E 33 43, 26.VI.2011, 5 specimens.

Records in Turkey: AF-AK-AM-AN-ANT-ART-BI-BN-BO-BT-BU-BY-CN-EL-EZ-IP-İZ-KA-KAR-KIR-KN-KO-KR-KS-KY-MA-NE-NI-OS-RI-SV-TO-TU-US-VA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European or Turano-Europeo-Mediterranean.

***Pseudovadonia livida livida* (Fabricius, 1776)**

Material examined: Kırıkkale: Between Balışeyh-Sulakyurt, 6 km past of Balışeyh, N 39 54 E 33 43, 19.V.2011, 1 specimen; Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 15 km to Sulakyurt, 25.VI.2011, 1 specimen; Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 2 specimens.

Records in Turkey: ADY-AM-AN-ANT-ART-BI-BO-BR-BS-BT-BY-CN-ER-EZ-GA-GI-GU-HT-IC-IP-IS-IZ-KAR-KK-KN-KO-KR-KS-MN-NI-OR-OS-RI-SM-US-TUR **Records in Turkey for the subspecies:** AM-AN-BI-BO-BR-BS-CN-IS-KK-KN-KO-KR-KS-OR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Sibero-European + E-Mediterranean (Palaestino-Taurian).

***Stictoleptura cordigera cordigera* (Füsslins, 1775)**

Material examined: **Kırıkkale:** Elmadag-Kırıkkale road, Kalecik-Çankırı return, N 39 55 E 33 24, 25.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 8 km past to Kulaksız, N 40 5 E 33 42, 23.VII.2011, 1 specimen; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 50 E 33 42, 23.VII.2011, 14 specimens; Çelebi-Tatık road, 5 km past to Çelebi, N 39 31 E 33 38, 24.VII.2011, 7 specimens; Kösedurak-Sulakyurt road, 5 km to Sulakyurt, N 39 29 E 33 43, 24.VII.2011, 1 specimen; Kulaksız-Sulakyurt road, 8 km to Sulakyurt, N 40 51 E 33 42, 06.VIII.2011, 1 specimen.

Records in Turkey: ADY-AK-AN-ANT-ART-BL-BN-BO-BS-BT-CA-DE-ED-EZ-GA-GU-HT-IC-IS-IZ-KA-KK-KN-KO-MG-MU-NE-NI-OS-TE-TU-YA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European.

***Pedostrangalia (Neosphenalia) verticalis* (Germar, 1822)**

Material examined: **Kırıkkale:** Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 2 specimens; Kulaksız-Sulakyurt road, 8 km past to Kulaksız, N 40 5 E 33 42, 23.VII.2011, 1 specimen; entry of Sulakyurt, 23.VII.2011, 3 specimens.

Records in Turkey: ANT-EZ-GU-IZ-TUR

Remarks: The species probably distributes wider than the known in Turkey. This is the first record for Kırıkkale province and thereby to Central Anatolian Region of Turkey.

Chorotype: Turano-Mediterranean (Turano-Apenninian).

***Pachytodes erraticus erraticus* (Dalman, 1817)**

Material examined: **Kırıkkale:** 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 9 specimens; Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 16 specimens; entry of Sulakyurt, 23.VII.2011, 26 specimens; Kösedurak-Sulakyurt road, 5 km to Sulakyurt, N 39 29 E 33 43, 24.VII.2011, 1 specimen.

Records in Turkey: AF-AM-AN-ANT-ART-BI-BO-BR-BS-BT-CN-CO-EL-ER-EZ-GA-GU-HT-IP-IS-IZ-KAR-KK-KN-KO-KR-KS-MN-MU-RI-SM-SN-SV-TB-TO-TU-YO-ZO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Sibero-European.

***Stenurella bifasciata nigrosuturalis* (Reitter, 1895)**

Material examined: **Kırıkkale:** 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 1 specimen; Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 1 specimen; Sofular-Sarıkoz road, 5 km past to Sofular, 26.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 8 km past to Kulaksız, N 40 5 E 33 42, 23.VII.2011, 3 specimens; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 50 E 33 42, 23.VII.2011, 65 specimens; entry of Sulakyurt, 23.VII.2011, 2 specimens; Çelebi-Tatık road, 5 km past to Çelebi, N 39 31 E 33 38, 24.VII.2011, 1 specimen; Kösedurak-Sulakyurt road, 5 km to Sulakyurt, N 39 29 E 33 43, 24.VII.2011, 2 specimens; Kulaksız-Sulakyurt road, 8 km to Sulakyurt, N 40 51 E 33 42, 06.VIII.2011, 1 specimen.

Records in Turkey: AD-AF-AK-AM-AN-ANT-ART-BI-BN-BO-BR-BS-BT-BU-CA-CN-CO-ER-EZ-GA-GU-HT-IC-IZ-KA-KK-KN-KO-KR-KS-KY-MG-MN-NE-OS-RI-SM-TB-US-YA-YO-ZO-TUR **Records for the subspecies:** ART-BI-BO-BR-BS-CA-CN-CO-ER-EZ-GU-KK-KO-KR-KS-RI-SM-TB-YA-YO-ZO-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Sibero-European + SW-Asiatic.

***Stenurella septempunctata latenigra* (Pic, 1915)**

Material examined: **Kırıkkale:** entry of Sulakyurt, 23.VII.2011, 1 specimen.

Records in Turkey: AF-AM-AN-ART-BI-BO-BS-CA-EZ-GU-IS-IZ-KK-KO-KR-KS-OR-RI-SM-TO-TB-YA-YO-ZO-TUR

Remarks: The species distributes widely in N Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European (Ponto-Pannonian + Turano-Sarmato-Pannonian) + Turano-Mediterranean (Turano-Apenninian).

Subfamily CERAMBYCINAE

Tribe TRACHYDERINI

***Purpuricenus budensis* (Götz, 1783)**

Material examined: Kırıkkale: Entry of Sulakyurt, 23.VII.2011, 4 specimens.

Old records in Kırıkkale prov.: Sulakyurt (Özdikmen & Demir, 2006).

Records in Turkey: AD-ADY-AF-AM-AN-ANT-ART-AY-BL-BN-BO-BS-CA-CO-DE-ED-EZ-GA-GU-HT-IC-IP-IS-IZ-KA-KI-KN-KO-MG-MN-MU-NI-OS-RI-SI-SM-SN-TO-TU-YO-TUR

Remarks: The species distributes widely in Turkey.

Chorotype: Turano-Europeo-Mediterranean.

Tribe GRACILIINI

***Penichroa fasciata* (Stephens, 1831)**

Material examined: Kırıkkale: Border of Kırıkkale-Ankara, VII.2011, 27 specimens.

Records in Turkey: AM-ANT-AN-IC-SM-TO-YO-TRA-TUR

Remarks: The species probably distributes rather widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Turano-Europeo-Mediterranean + Nearctic.

Tribe CERTALLINI

***Certallum ebulinum* (Linnaeus, 1767)**

Material examined: Kırıkkale: 10 km to Yahşihan, 26.IV.2011, 5 specimens; 500 m past to the border of Kırıkkale-Ankara, N 39 55 E 33 19 59, 19.V.2011, 6 specimens; Kalecik-Çankırı return, Kırıkkale-Elmadağ road, N 39 55, E 33 24, 19.V.2011, 23 specimens, 06.VI.2011, 10 specimens, N 39 55 E 33 25, 19.V.2011, 25 specimens; Balışeyh-Kırıkkale road, 15 km to Balışeyh, N 39 51 E 33 34, 19.V.2011, 90 specimens; Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 6 specimens; Sulakyurt-Balışeyh road, 10 km past to Sulakyurt, N 40 6 E 33 43, 19.V.2011, 6 specimens; Bahşılı-Çorum road, 2 km past to Bahşılı, N 39 56 E 33 44, 19.V.2011, 8 specimens; Balışeyh-Yozgat road, 10 km to Balışeyh, N 39 56 E 33 56, 19.V.2011, 3 specimens; Refinery, N 39 46 E 33 30, 20.V.2011, 16 specimens; Kopullukaya env., N 39 46 E 33 39, 20.V.2011, 8 specimens; 2 km past to Çerikli, Çerikli-Balışeyh road, N 39 57 E 33 58, 20.V.2011, 17 specimens; Central, 21.V.2011, 6 specimens; Yahşihan cemetery, N 39 50 E 33 26, 21.V.2011, 11 specimens; Yahşihan-Bedesten road, 10 km past to Yahşihan, N 39 48 E 33 21, 21.V.2011, 15 specimens; Hacılar-Karaahmetler road, 5 km past to Hacılar, N 39 42 E 33 19, 21.V.2011, 2 specimens; Karakeçili, Central, N 39 36 E 33 20, 21.V.2011, 29 specimens; 500 m past to the border of Kırıkkale-Ankara, 06.VI.2011, 1 specimen; Yahşihan-Bedesten road, 4 km to Bedesten, N 39 49 E 33 22, 06.VI.2011, 2 specimens; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 8 specimens; Konur town, N 39 34 E 33 45, 06.VI.2011, 3 specimens; Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 2 specimens, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 3 specimens.

Records in Turkey: AD-ADY-AK-AM-AN-ANT-AY-BI-BL-BS-CA-CN-DE-DI-ER-GA-HT-IC-IP-IS-IZ-KA-KN-KY-MG-MN-MR-NE-NI-OS-SN-SU-TB-YO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-Europeo-Mediterranean.

Tribe HYLOTRUPINI

***Hylotrupes bajulus* (Linnaeus, 1758)**

Material examined: Kırıkkale: Border of Kırıkkale-Ankara, VII.2011, 1 specimen.

Records in Turkey: AD-AM-AN-ANT-ART-AY-BI-BO-BR-BS-CA-DE-DU-ER-EZ-GI-GU-HT-IC-IP-IS-IZ-KA-KAR-KN-KR-KS-KU-KY-OS-RI-SN-SV-TB-US-ZO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Subcosmopolitan.

Tribe CALLIDIINI

***Phymatodes testaceus* (Linnaeus, 1758)**

Material examined: **Kırıkkale:** Kırıkkale: Sulakyurt-Kızılırmak road, 2 km past to Sulakyurt, N 40 10 E 33 44, 26.VI.2011, 1 specimen.

Records in Turkey: ADY-ANT-ART-BN-BO-CA-GU-HT-IC-IS-NI-OS-TRA-TUR

Remarks: The species probably distributes rather widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Holarctic.

Tribe CLYTINI

***Plagionotus (Neoplacionotus) bobelayei* (Brullé, 1832)**

Material examined: **Kırıkkale:** Kırıkkale-Balışeyh road, 15 km to Balışeyh, N 39 51 E 33 33, 07.VI.2011, 2 specimens, N 39 51 E 33 23, 25.VI.2011, 1 specimen; Sulakyurt-Balışeyh road, 1 km to Sulakyurt, N 40 6 E 33 43, 26.VI.2011, 1 specimen.

Old records in Kırıkkale prov.: Kılınçlar (Özdikmen & Demir, 2006).

Records in Turkey: ADY-AG-ANT-ART-BN-EZ-GU-HT-IC-IP-IZ-KAR-KI-KN-MA-MU-SM-TU-YO-TRA-TUR

Remarks: The species distributes rather widely in Turkey.

Chorotype: Turano-European (Turano-Sarmato-Pannonian).

***Plagionotus (Echinocerus) floralis* (Pallas, 1773)**

Material examined: **Kırıkkale:** Kırıkkale-Balışeyh road, 15 km to Balışeyh, N 39 51 E 33 33, 07.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 25.VI.2011, 4 specimens, 07.VII.2011, 1 specimen; Elmadağ-Kırıkkale road, Kalecik-Çankırı return, N 39 55 E 33 24, 25.VI.2011, 3 specimens; Sulakyurt-Balışeyh road, 3 km to Sulakyurt, 26.VI.2011, 7 specimens, 1 km to Sulakyurt, N 40 6 E 33 43, 26.VI.2011, 90 specimens; Balışeyh-Kulaksız road, 3 km past to Balışeyh, N 39 56 E 33 43, 23.VII.2011, 1 specimen; Kulaksız-Sulakyurt road, 8 km past to Kulaksız, N 40 5 E 33 42, 23.VII.2011, 1 specimen; Entry of Sulakyurt, 23.VII.2011, 4 specimens.

Records in Turkey: AD-ADY-AF-AG-AM-AN-ANT-AR-ART-BI-BO-BS-BU-BY-CA-CN-CO-DE-EL-ER-ES-EZ-GI-GU-IC-IG-IP-IZ-KA-KAR-KIR-KK-KM-KN-KO-KR-KS-KY-MA-MN-MU-NI-OS-SM-SN-SV-TB-TO-TU-US-YO-ZO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Sibero-European.

***Chlorophorus (Perderomaculatus) sartor* (Müller, 1766)**

Material examined: **Kırıkkale:** Kulaksız-Sulakyurt road, 8 km past to Kulaksız, N 40 5 E 33 42, 23.VII.2011, 2 specimens; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 50 E 33 42, 23.VII.2011, 39 specimens; Entry of Sulakyurt, 23.VII.2011, 5 specimens; Kösedurak-Sulakyurt road, 5 km to Sulakyurt, N 39 29 E 33 43, 24.VII.2011, 4 specimens, 8 km to Sulakyurt, N 40 51 E 33 42, 06.VIII.2011, 1 specimen.

Records in Turkey: AD-AM-AN-ANT-ART-AY-BI-BL-BR-BS-BU-CA-CN-DE-EL-ES-EZ-GA-GU-HT-IC-IP-IS-IZ-KA-KK-KN-KR-KS-KY-MG-MN-OS-RI-SM-SN-TE-TO-YO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European.

***Chlorophorus (Crassofasciatus) trifasciatus* (Fabricius, 1781)**

Material examined: **Kırıkkale:** Entry of Sulakyurt, 23.VII.2011, 1 specimen.

Records in Turkey: AN-ANT-BI-IC-IS-KN-KO-KR-KS-KU-OS-TUR

Remarks: The species probably distributes widely in especially W half of Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Mediterranean.

***Chlorophorus (s.str.) varius varius* (Müller, 1766)**

Material examined: Kırıkkale: Elmadağ-Kırıkkale road, Kalecik-Çankırı return, 7 km to Kırıkkale, N 39 55 E 33 24, 23.VII.2011, 4 specimens; Bahşeyh-Kırıkkale road, 5 km past to Kırıkkale, 23.VII.2011, 1 specimen; Entry of Sulakyurt, 23.VII.2011, 6 specimens; Exit of Kırıkkale, Ankara-Samsun return, Aşağı Mahmutlar village, N 39 52 E 33 37, 24.VII.2011, 2 specimens; Osmangazi, N 39 51 E 33 32, 24.VII.2011, 3 specimens; Kösedurak-Sulakyurt road, 5 km to Sulakyurt, N 39 29 E 33 43, 24.VII.2011, 5 specimens, 8 km to Sulakyurt, N 40 51 E 33 42, 06.VIII.2011, 6 specimens; Hasandede town, 06.VIII.2011, 4 specimens; Çamlıca village, 07.VII.2011, 7 specimens.

Old records in Kırıkkale prov.: Kırıkkale (Sama, 1982).

Records in Turkey: AD-ADY-AK-AM-AN-ANT-ART-AY-BI-BL-BO-BR-BU-CA-CN-DE-ER-ES-EZ-GA-GU-HA-HT-IC-IG-IP-IS-IZ-KA-KI-KIR-KK-KM-KN-KO-KR-KS-KY-MA-MG-MN-MR-MU-NE-NI-OS-SU-TB-TO-TU-US-VA-ZO-TRA-TUR **Records in Turkey for the subspecies:** ADY-AK-AM-AN-ANT-ART-AY-BI-BL-BO-BR-BU-CA-CN-DE-ER-ES-EZ-GA-GU-HA-IG-IP-IS-IZ-KA-KI-KIR-KK-KM-KN-KO-KR-KS-KY-MA-MG-MN-MR-MU-NE-NI-SU-TB-TO-US-VA-ZO-TRA-TUR

Remarks: The species distributes rather widely in Turkey.

Chorotype: Palearctic.

Subfamily STENOPTERINAE

Tribe STENOPTERINI

***Stenopterus rufus geniculatus* Kraatz, 1863**

Material examined: Kırıkkale: 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 2 specimens; Sulakyurt-Bahşeyh road, 3 km to Sulakyurt, 26.VI.2011, 8 specimens; Entry of Sulakyurt, 23.VII.2011, 33 specimens.

Records in Turkey: ADY-AM-AN-ANT-ART-BI-BO-BR-BS-CA-CN-CO-EZ-GA-GU-HT-IC-IS-IZ-KA-KK-KN-KO-KR-KS-KY-MN-NI-OS-RI-SM-SN-TB-TO-TU-YO-TRA-TUR

Records in Turkey for the subspecies: AM-AN-ART-BI-BO-BR-BS-CA-CN-CO-EZ-GU-IS-KK-KO-KR-KS-RI-SM-SN-TB-TO-YO-TRA

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European.

Tribe HYBODERINI

***Callimus (Lampropterus) femoratus* (Germar, 1824)**

Material examined: Kırıkkale: Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 5 specimens, 20 km to Sulakyurt, 25.VI.2011, 1 specimen, 5 km to Sulakyurt, 25.VI.2011, 1 specimen, 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 2 specimens; Sulakyurt-Bahşeyh road, 3 km to Sulakyurt, 26.VI.2011, 1 specimen; Entry of Sulakyurt, 23.VII.2011, 1 specimen.

Old records in Kırıkkale prov.: Central (Sama, 1982).

Records in Turkey: ADY-AD-AM-AN-ANT-ART-BL-BN-BS-BT-BU-CA-DI-ED-EZ-GA-HA-HT-IC-IS-IZ-KA-KI-KK-KN-MA-MG-MN-MR-MU-NI-OS-TO-TU-YO-TRA-TUR

Remarks: The species distributes rather widely in Turkey.

Chorotype: Turano-Mediterranean (Turano-E-Mediterranean).

Subfamily DORCADIONINAE

Tribe DORCADIONINI

***Dorcadion cinerarium cinerarium* (Fabricius, 1787)**

Material examined: Kırıkkale: Keskin-Çelebi road 10th km, N 39 31 E 33 33, 28.III.2011, 4 specimens; Bahşeyh-Sulakyurt road, 25 km to Sulakyurt, N 40 15 E 33 42,

27.IV.2011, 2 specimens; Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 19.V.2011, 1 specimen.

Old records in Kırıkkale prov.: Keskin (Braun, 1978).

Records in Turkey: AN-BS-CN-CO-ES-GA-IC-KA-KI-KS-KY-OR-SM-SV-TO-YO-TUR

Remarks: The species probably distributes rather widely in Turkey.

Chorotype: E-Mediterranean (NE-Mediterranean).

Subfamily LAMIINAE

Tribe PHYTOECIINI

***Oxylia argentata* (Ménétries, 1832)**

Old records in Kırıkkale prov.: Central (Adlbauer, 1988).

Records in Turkey: ADY-AG-AN-ANT-ART-BN-BT-BY-CO-DI-EL-ER-EZ-GI-GU-HT-IC-IP-IZ-KAR-KI-KN-KS-NI-SI-SN-TU-YO-TUR

Remarks: The species distributes rather widely in Turkey. As seen above, it has been recorded only by Adlbauer (1988) from Kırıkkale province until now. Unfortunately, any specimen of the species did not obtain from Kırıkkale.

Chorotype: SW-Asiatic (Anatolo-Caucasian + Irano-Caucasian + Irano-Anatolian) + Turanian (Ponto-Caspian).

***Oxylia duponcheli* (Brullé, 1832)**

Material examined: Kırıkkale: Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 1 specimen.

Records in Turkey: AK-AN-ANT-ART-ES-IC-KA-KM-KN-MA-MN-OS-TUR

Remarks: The species probably distributes rather widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Turano-Mediterranean (Balkano-Anatolian).

***Phytoecia (Cardoria) scutellata* (Fabricius, 1792)**

Material examined: Kırıkkale: Balışeyh-Sulakyurt road, 25 km to Sulakyurt, N 40 15 E 33 42, 27.IV.2011, 1 specimen.

Records in Turkey: ADY-AR-ES-EZ-KAR-KN-TUR

Remarks: The species probably distributes rather widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Turano-Mediterranean (Turano-E-Mediterranean).

***Phytoecia (Helladia) humeralis humeralis* (Waltl, 1838)**

Material examined: Kırıkkale: Kalecik-Çankırı return, Kırıkkale-Elmadağ road, N 39 55 52, E 33 24 34, 19.V.2011, 2 specimens; Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 2 specimens; Sulakyurt-Balışeyh road, 10 km past to Sulakyurt, N 40 6 E 33 43, 19.V.2011, 1 specimen; Balışeyh-Yozgat road, 10 km to Balışeyh, N 39 56 E 33 56, 19.V.2011, 1 specimen; Refinery, N 39 46 E 33 30, 20.V.2011, 1 specimen; Çerikli-Balışeyh road, 2 km past to Çerikli, N 39 57 E 33 58, 20.V.2011, 2 specimens; Bedesten village, N 39 47 E 33 21, 21.V.2011, 1 specimen.

Records in Turkey: AD-ADY-AK-AM-AN-ANT-AY-BU-DE-DI-ED-ES-GA-HA-HT-IC-IP-IZ-KA-KN-MA-MN-NI-OS-SI-US-YO-TUR **Records in Turkey for the subspecies:** AD-ADY-AK-AM-AN-ANT-AY-BU-DE-DI-ED-ES-GA-HA-HT-IC-IP-IZ-KA-KN-MA-MN-NI-SI-US-YO-TUR

Remarks: The species distributes rather widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: E-Mediterranean (Palaestino-Cyprioto-Taurian + NE-Mediterranean).

***Phytoecia (s.str.) caerulea caerulea* (Scopoli, 1772)**

Material examined: Kırıkkale: 10 km to Yahşihan, 26.IV.2011, 3 specimens; 500 m past to the border of Kırıkkale-Ankara, N 39 55 E 33 19, 19.V.2011, 4 specimens, 06.VI.2011, 1 specimen; Kalecik-Çankırı return, Kırıkkale-Elmadağ road, N 39 55 52, E 33 24 34, 19.V.2011, 4 specimens, N 39 55 E 33 25, 19.V.2011, 7 specimens, 06.VI.2011, 3 specimens; Balışeyh-Kırıkkale road, 15 km to Balışeyh, N 39 51 E 33 34, 19.V.2011, 7 specimens; Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 2 specimens; Sulakyurt-Balışeyh road, 10 km past

to Sulakyurt, N 40 06 E 33 43, 19.V.2011, 2 specimens; Balşeyh-Yozgat road, 10 km to Balşeyh, N 39 56 E 33 56, 19.V.2011, 1 specimen; Çerikli-Balşeyh road, 2 km past to Çerikli, N 39 57 E 33 58, 20.V.2011, 1 specimen; Central, 21.V.2011, 1 specimen; Yahşihan cemetery, N 39 50 E 33 26, 21.V.2011, 2 specimens; Yahşihan-Bedesten road, 10 km past to Yahşihan, N 39 48 E 33 21, 21.V.2011, 1 specimen; Karakeçili, Central, N 39 36 E 33 20, 21.V.2011, 2 specimens; Yahşihan-Bedesten road, 4 km to Bedesten, N 39 49 E 33 22, 06.VI.2011, 3 specimens; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen.

Records in Turkey: AD-AF-AK-AN-ANT-AY-BI-BO-BS-BU-DE-DU-ER-ES-EZ-GA-HT-IC-IP-IS-IZ-KA-KM-KN-KR-KS-KU-KY-MG-MN-NE-NI-OS-SM-SN-SV-TE-YO-TRA-TUR
Records in Turkey for the subspecies: AF-AK-AN-AY-BO-BU-DU-ER-ES-EZ-IP-KA-KM-KN-KR-KS-KY-NE-NI-SM-SN-SV-TE-YO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European.

Phytoecia (s.str.) cylindrica (Linnaeus, 1758)

Material examined: Kırıkkale: Balşeyh-Kırıkkale road, 15 km to Balşeyh, N 39 51 E 33 34, 19.V.2011, 1 specimen; Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 2 specimens; Balşeyh-Yozgat road, 10 km to Balşeyh, N 39 56 E 33 56, 19.V.2011, 1 specimen.

Records in Turkey: AN-IS-IZ-KA-KO-KS-KY-NI-TU-TRA-TUR

Remarks: The species probably distributes widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Sibero-European.

Phytoecia (s.str.) geniculata Mulsant, 1862

Material examined: Kırıkkale: Entry of Sulakyurt, N 40 9 E 33 43, 19.V.2011, 1 specimen; Sulakyurt-Balşeyh road, 10 km past to Sulakyurt, N 40 6 E 33 43, 19.V.2011, 5 specimens.

Records in Turkey: AD-AF-AN-ANT-AY-BI-BL-BS-BU-DE-ED-GA-HT-IC- IS-IZ-KA-KS-MN-OS-SI-TRA-TUR

Remarks: The species probably distributes widely in especially W half of Turkey. This is the first record for Kırıkkale province.

Chorotype: E-Mediterranean (Aegean + NE-Mediterranean + Palaestino-Cyprioto-Taurian).

Phytoecia (s.str.) manicata Reiche et Sauley, 1858

Material examined: Kırıkkale: Kırıkkale-Balşeyh road, 15 km to Balşeyh, N 39 51 E 33 33, 07.VI.2011, 1 specimen.

Records in Turkey: AD-DI-HT-IP-IZ-KA-KN-OS-SI-TUR

Remarks: The species distributes widely in especially S half of Turkey. This is the first record for Kırıkkale province.

Chorotype: E-Mediterranean (Palestino-Taurian).

Phytoecia (s.str.) pustulata pustulata (Schrank, 1776)

Material examined: Kırıkkale: Kopullukaya ENV., N 39 46 E 33 39, 20.V.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen; Konur town, N 39 34 E 33 45, 06.VI.2011, 2 specimens; Kırıkkale-Balşeyh road, 15 km to Balşeyh, N 39 51 E 33 33, 07.VI.2011, 1 specimen.

Records in Turkey: AM-BI-BO-BU-DU-GU-IS-KA-KAR-KN-MG-OS-SM-SV-TRA-TUR

Remarks: The species probably distributes widely in Turkey. This is the first record for Kırıkkale province. It is represented only by the nominotypical subspecies in Turkey.

Chorotype: Turano-European.

Phytoecia (s.str.) rufipes rufipes (Olivier, 1795)

Material examined: Kırıkkale: Balşeyh-Yozgat road, 10 km to Balşeyh, N 39 56 E 33 56, 19.V.2011, 1 specimen.

Records in Turkey: AD-ADY-AK-HT-IC-KA-MA-NI-TUR
Records in Turkey for the subspecies: ADY-AK-IC-KA-MA-NI-TUR

Remarks: The species distributes widely in Southern parts of Turkey. So, this is the first record for Kırıkkale province and thereby N half of Turkey. It is represented by 2 subspecies in Turkey as the nominotypical subspecies and *P. rufipes latior* that distributes only in S Turkey and Syria.

Chorotype: Sibero-European or Turano-European.

Phytoecia (s.str.) virgula (Charpentier, 1825)

Material examined: **Kırıkkale:** Kalecik-Çankırı return, Kırıkkale-Elmadağ road, N 39 55 E 33 24, 19.V.2011, 2 specimens; Yahşihan cemetery, N 39 50 E 33 26, 21.V.2011, 2 specimens; Karakeçili, Central, N 39 36 E 33 20, 21.V.2011, 1 specimen; Konur town, N 39 34 E 33 45, 06.VI.2011, 2 specimens; Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 3 specimens; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 1 specimen.

Records in Turkey: ADY-AK-AN-AM-BI-BN-BO-BR-BU-BY-DE-ER-ES-EZ-GU-HT-IP-IS-IZ-KA-KAR-KN-KR-KS-KU-MN-NE-NI-OS-SM-TU-VA-TRA-TUR

Remarks: The species probably distributes widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Turano-European.

Phytoecia (Opsilia) coeruleascens (Scopoli, 1763)

Material examined: **Kırıkkale:** Balışeyh-Kırıkkale road, 15 km to Balışeyh, N 39 51 E 33 34, 19.V.2011, 3 specimens; Sulakyurt-Balıseyh road, 10 km past to Sulakyurt, N 40 6 E 33 43, 19.V.2011, 1 specimen; Refinery, N 39 46 E 33 30, 20.V.2011, 1 specimen; Kopullukaya env., N 39 46 E 33 39, 20.V.2011, 6 specimens; Çerikli-Balıseyh road, 2 km past to Çerikli, N 39 57 E 33 58, 20.V.2011, 1 specimen; 5 km past to Delice, N 39 56 E 34 1, 20.V.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 2 specimens; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 1 specimen; Sulakyurt-Balıseyh road, 3 km to Sulakyurt, 26.VI.2011, 1 specimen.

Records in Turkey: AD-ADY-AK-AM-AN-ANT-AR-ART-AY-BO-BS-BU-BY-CN-CO-DE-DI-ER-ES-EZ-GA-GU-IC-IP-IS-IZ-KA-KAR-KIR-KK-KM-KN-KS-KY-MA-MG-MN-NE-NI-OS-SM-SN-SV-TB-YO-ZO-TRA-TUR

Remarks: The species distributes very widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Sibero-European + Mediterranean.

Tribe AGAPANTHIINI

Agapanthia (Synthapsia) kirbyi (Gyllenhal, 1817)

Material examined: **Kırıkkale:** 5 km past to Delice, N 39 56 E 34 1, 20.V.2011, 1 specimen; Hacılar-Küreboğazi village road, 1 km to Küreboğazi, N 39 41 E 33 19, 25.VI.2011, 1 specimen.

Records in Turkey: AD-AF-AK-AM-AN-ANT-BI-BN-BS-BT-BU-CO-ED-ER-ES-EZ-IC-IP-IZ-KA-KAR-KIR-KN-KO-KY-MN-NI-OS-SI-TO-TU-VA-TRA-TUR

Remarks: The species distributes rather widely in Turkey. This is the first record for Kırıkkale province.

Chorotype: Turano-European.

Agapanthia (Epoptes) lateralis Ganglbauer, 1884

Material examined: **Kırıkkale:** Border of Kırıkkale, Elmadağ-Kırıkkale road, N 39 55 E 33 25, 19.V.2011, 1 specimen; Refinery, N 39 46 E 33 30, 20.V.2011, 1 specimen; Kalecik-Çankırı return, Elmadağ-Kırıkkale road, N 39 55 E 33 24, 06.VI.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen; Hacılar-Küreboğazi village road, 1 km to Küreboğazi, N 39 41 E 33 19, 25.VI.2011, 1 specimen.

Records in Turkey: AF-AG-AK-AM-AN-ANT-BI-BO-CA-CN-CO-ER-ES-GA-IC-IP-IS-IZ-KA-KIR-KM-KN-KR-KS-MN-MG-NE-NI-OS-SV-TE-TO-ZO-TRA-TUR

Remarks: The species distributes widely in Turkey (especially W half of Turkey). This is the first record for Kırıkkale province.

Chorotype: E-Mediterranean.

Agapanthia (s.str.) cardui (Linnaeus, 1767)

Material examined: **Kırıkkale:** Kalecik-Çankırı return, Kırıkkale-Elmadağ road, N 39 55 E 33 24 34, 19.V.2011, 4 specimens; Balışeyh-Kırıkkale road, 15 km to Balışeyh, N 39 51 E 33 34, 19.V.2011, 12 specimens; Balışeyh-Yozgat road, 10 km to Balışeyh, N 39 56 E 33 56, 19.V.2011, 2 specimens; Refinery, N 39 46 E 33 30, 20.V.2011, 1 specimen; Çerikli-Balıseyh road, 2 km past to Çerikli, N 39 57 E 33 58, 20.V.2011, 4 specimens; Yahşihan-Bedesten road, 10 km past to Yahşihan, N 39 48 E 33 21, 21.V.2011, 3 specimens; Hacılar-Karaahmetler road, 5 km past to Hacılar, N 39 42 E 33 19, 21.V.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 4 specimens; Kırıkkale-Balısey road, 15 km to Balışeyh, N 39 51 E 33 33, 07.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 5 km to Sulakyurt, N 40 6 E 33 43, 07.VII.2011, 2 specimens, 20 km to Sulakyurt, 25.VI.2011, 36 specimens; Sofular-Sarıköz road, 5 km past to Sofular, 26.VI.2011, 7 specimens.

Records in Turkey: AN-ART-BI-BS-BY-CA-CN-ED-ER-ES-EZ-GU-IS-KAR-KIR-KK-KN-KO-KS-RI-SV- TRA-TUR

Remarks: The species distributes widely in N Turkey. So, the old records from S Turkey should be belong to *A. suturalis*. This is the first record for Kırıkkale province.

Chorotype: S, C and E European.

Agapanthia (s.str.) suturalis (Fabricius, 1787)

Material examined: **Kırıkkale:** Kalecik-Çankırı return, Elmadağ-Kırıkkale road, N 39 55 E 33 24, 06.VI.2011, 1 specimen; 1 km to entry of Bedesten, N 39 48 E 33 21, 06.VI.2011, 1 specimen; Konur town, N 39 34 E 33 45, 06.VI.2011, 1 specimen; Kırıkkale-Balıseyh road, 15 km to Balışeyh, N 39 51 E 33 33, 07.VI.2011, 1 specimen; Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 1 specimen, 5 km to Sulakyurt, 25.VI.2011, 3 specimens, 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 4 specimens; Exit of Kulaksız, Sulakyurt road, 20 km to Sulakyurt, N 40 14 E 33 43, 26.VI.2011, 10 specimens; Sulakyurt-Balıseyh road, 3 km to Sulakyurt, 26.VI.2011, 3 specimens; entry of Kiyihalil-İnce village, border of Çankırı, N 40 17 E 33 43, 26.VI.2011, 1 specimen.

Records in Turkey: AD-ANT-AY-BN-BU-DE-DI-EL-ER-GA-HA-HT-IC-IP-IZ-KA-KL-KN-MA-MG-MN-OS-SI-TU

Remarks: The species distributes widely in S Turkey. This is the first record for Kırıkkale province.

Chorotype: Mediterranean.

Agapanthia (Smaragdula) violacea (Fabricius, 1775)

Material examined: **Kırıkkale:** 5 km past to Delice, N 39 56 E 34 1, 20.V.2011, 1 specimen; Kulaksız-Sulakyurt road, 10 km to Sulakyurt, N 40 4 E 33 42, 07.VI.2011, 1 specimen; 3 km to Sulakyurt, N 40 5 E 33 42, 25.VI.2011, 2 specimens.

Records in Turkey: AD-AF-AK-AN-BI-BO-BS-CO-DE-DU-ED-ER-EZ-GA-HT-IC-IP-IS-IZ-KA-KIR-KK-KN-KO-KR-KS-KY-MG-MN-NE-NI-OS-SA-ZO-TRA-TUR

Remarks: The species distributes widely in Turkey. However, this is the first record for Kırıkkale province.

Chorotype: Turano-European and Sibero-European. Since, according to Sama (2002), the records from Middle East and Central Asia may be different species. These records should be confirmed.

Consequently, according to old references, the longhorned beetles fauna of Bolu province included only 8 species of 8 genera of 5 subfamilies: **Prioninae:** 2 species as *Mesopriionus besikanus* and *Prionus coriarius*; **Cerambycinae:** 3 species as *Purpuricenius budensis*, *Plagionotus bobelayei* and *Chlorophorus varius*; **Stenopterinae:** 1 species as *Callimus (Lampropterus) femoratus*; **Dorcadioninae:** 1 species as *Dorcadion cinerarium* and **Lamiinae:** 1 species as *Oxyilia argentata*.

With the present work, 37 species of 20 genera of 5 subfamilies among the collected specimens from Kırıkkale province were determined: **Lepturinae:** 8 species as *Cortodera flavimana*, *Vadonia unipunctata*, *Pseudovadonia livida*, *Stictoleptura cordigera*, *Pedostrangalia verticalis*, *Judolia erratica*, *Stenurella bifasciata* and *Stenurella septempunctata*; **Cerambycinae:** 10 species as *Purpuricenius budensis*, *Penichroa fasciata*, *Certallum ebulinum*, *Hylotrupes bajulus*, *Phymatodes testaceus*, *Plagionotus bobelayei*, *Plagionotus floralis*, *Chlorophorus varius*, *Chlorophorus trifasciatus* and

Chlorophorus sartor; **Stenopterinae**: 2 species as *Stenopterus rufus* and *Callimus femoratus*; **Dorcadioninae**: 1 species as *Dorcadion cinerarium*; **Lamiinae**: 16 species as *Oxyilia duponcheli*, *Phytoecia scutellata*, *Phytoecia humeralis*, *Phytoecia caerulea*, *Phytoecia cylindrica*, *Phytoecia geniculata*, *Phytoecia manicata*, *Phytoecia pustulata*, *Phytoecia rufipes*, *Phytoecia virgula*, *Phytoecia coeruleascens*, *Agapanthia kirbyi*, *Agapanthia lateralis*, *Agapanthia cardui*, *Agapanthia suturalis* and *Agapanthia violacea*.

Therefore, 3 species of 3 genera of 2 subfamilies for Kirikkale province are known only the records from references: **Prioninae**: 2 species as *Mesoprionus besikanus* and *Prionus coriarius*; and **Lamiinae**: 1 species as *Oxyilia argentata*.

A total of 32 species are new records for Kirikkale province. Moreover, *Pedostrangalia verticalis* (Germar, 1822) is the first record for Central Anatolian Region of Turkey and also *Phytoecia rufipes rufipes* (Olivier, 1795) is the first record for N half of Turkey.

Finally, Longhorned Beetles Fauna of Kirikkale province comprises of 40 species of 22 genera of 6 subfamilies with the newly recorded species in the present work. Number of known species from Kirikkale province was increased from 8 species to 40 species.

A faunistic list are presented as follows:

In the list, the sign of (*) is used for known taxa both references and the present work, (**) is used for new records to Kirikkale prov., (***) is used for new record to Central Anatolian Region, (****) is used for new records to N half of Turkey. Any sign is not used for the known species only from old references.

LONGHORNED BEETLES FAUNA OF KIRIKKALE PROVINCE **(COLEOPTERA: CERAMBYCIDAE)**

FAMILY CERAMBYCIDAE Latreille, 1802: 211

SUBFAMILY PRIONINAE Latreille, 1802: 212

TRIBE PRIONINI Latreille, 1802: 212

GENUS *MESOPRIONUS* Jakovlev, 1887: 323

SPECIES *M. besikanus* (Fairmaire, 1855: 318)

GENUS *PRIONUS* Geoffroy, 1762: 198

SPECIES *P. coriarius* (Linnaeus, 1758: 389)

SUBFAMILY LEPTURINAE Latreille, 1802: 218

TRIBE RHAGIINI Kirby, 1837: 178

GENUS *CORTODERA* Mulsant, 1863: 572

SPECIES *C. flavimana* (Waltl, 1838: 471) (**)

TRIBE LEPTURINI Latreille, 1802: 218

GENUS *VADONIA* Mulsant, 1863: 559

SPECIES *V. unipunctata* (Fabricius, 1787: 157)

SUBSPECIES *V. u. unipunctata* (Fabricius, 1787: 157) (**)

GENUS *PSEUDOVADONIA* Lobanov, Danilevsky & Murzin, 1981: 787

SPECIES *P. livida* (Fabricius, 1777: 233)

SUBSPECIES *P. l. livida* (Fabricius, 1777: 233) (**)

GENUS *STICTOLEPTURA* Casey, 1924: 280

SUBGENUS *STICTOLEPTURA* Casey, 1924: 280

SPECIES *S. cordigera* (Fuessly, 1775: 14)

SUBSPECIES *S. c. cordigera* (Fuessly, 1775: 14) (**)

GENUS *PEDOSTRANGALIA* Sokolov, 1897: 461

SUBGENUS *NEOSPHENALIA* Löbl, 2010: 110

SPECIES *P. verticalis* (Germar, 1822: 9) (**) (***)

GENUS *JUDOLIA* Mulsant, 1863: 496

SPECIES *J. erratica* (Dalman, 1817: 490)

SUBSPECIES *J. e. erratica* (Dalman, 1817: 490) (**)

GENUS *STENURELLA* Villiers, 1974: 217

SPECIES *S. bifasciata* (Müller, 1776: 93)

SUBSPECIES *S. b. nigrosuturalis* (Reitter, 1895) (**)

SPECIES *S. septempunctata* (Fabricius, 1792: 346) (**)

SUBSPECIES *S. s. latenigra* (Pic, 1915: 5)

SUBFAMILY CERAMBYCINAE Latreille, 1802: 211**TRIBE TRACHYDERINI** Dupont, 1836: 1**SUBTRIBE TRACHIDERINA** Dupont, 1836: 1**GENUS PURPURICENUS** Dejean, 1821: 105**SPECIES** *P. budensis* (Götz, 1783: 70) (*)**TRIBE GRACILINI** Mulsant, 1839: 99**GENUS PENICHTROA** Stephens, 1839: 270**SPECIES** *P. fasciata* (Stephens, 1831: 250) (**)**TRIBE CERTALLINI** Fairmaire, 1864: 149**GENUS CERTALLUM** Dejean, 1821: 111**SPECIES** *C. ebulinum* (Linnaeus, 1767: 637) (**)**TRIBE HYLOTRUPINI** Zagajkevich, 1991: 67**GENUS HYLOTRUPES** Audinet-Serville, 1834: 77**SPECIES** *H. bajulus* (Linnaeus, 1758: 396) (**)**TRIBE CALLIDIINI** Kirby, 1837: 170**GENUS PHYMATODES** Mulsant, 1839: 47**SUBGENUS PHYMATODES** Mulsant, 1839: 47**SPECIES** *P. testaceus* (Linnaeus, 1758: 396) (**)**TRIBE CLYTINI** Mulsant, 1839: 70**GENUS PLAGIONOTUS** Mulsant, 1842: 1**SUBGENUS ECHINOCERUS** Mulsant, 1862: 143**SPECIES** *P. floralis* (Pallas, 1773: 724) (**)**SUBGENUS NEOPLAGIONOTUS** Kasatkin, 2005: 51**SPECIES** *P. bobelayei* (Brullé, 1832: 253) (*)**GENUS CHLOROPHORUS** Chevrolat, 186: 290**SUBGENUS CHLOROPHORUS** Chevrolat, 1863: 290**SPECIES** *C. varius* (Müller, 1766: 188)**SUBSPECIES** *C. v. varius* (Müller, 1766: 188) (*)**SUBGENUS CRASSOFASCIATUS** Özdikmen, 2011: 538**SPECIES** *C. trifasciatus* (Fabricius, 1781: 244) (**)**SUBGENUS PERDEROMACULATUS** Özdikmen, 2011: 537**SPECIES** *C. sartor* (Müller, 1766: 188) (**)**SUBFAMILY STENOPTERINAE Gistel, 1848: [9] (unnumbered section)****TRIBE STENOPTERINI** Gistel, 1848: [9]**GENUS STENOPTERUS** Illiger, 1804: 120**SPECIES** *S. rufus* (Linnaeus, 1767: 642)**SUBSPECIES** *S. r. geniculatus* Kraatz, 1863: 104 (**)**TRIBE HYBODERINI** Linsley, 1840: 367**GENUS CALLIMUS** Mulsant, 1846: [5]**SUBGENUS LAMPROPTERUS** Mulsant, 1862: 214**SPECIES** *C. femoratus* (Germer, 1824: 519) (*)**SUBFAMILY DORCADIONINAE Swainson, 1840: 290****TRIBE DORCADIONINI** Swainson, 1840: 290**GENUS DORCADION** Dalman, 1817: 397**SUBGENUS CRIBRIDORCADION** Pic, 1901: 12**SPECIES** *D. cinerarium* (Fabricius, 1787: 140) (*)**SUBFAMILY LAMIINAE Latreille, 1825: 401****TRIBE PHYTOECIINI** Mulsant, 1839: 191**GENUS OXYLIA** Mulsant, 1862: 398**SPECIES** *O. argentata* (Ménétriés, 1832: 227)**SPECIES** *O. duponcheli* (Brullé, 1832: 260) (**)**GENUS PHYTOECIA** Dejean, 1835: 351**SUBGENUS CARDORIA** Mulsant, 1862: 436**SPECIES** *P. scutellata* (Fabricius, 1792: 317) (**)**SUBGENUS HELLADIA** Fairmaire, 1864: 176**SPECIES** *P. humeralis* (Waltl, 1838: 471)**SUBSPECIES** *P. h. humeralis* (Waltl, 1838: 471) (**)**SUBGENUS PHYTOECIA** Dejean, 1835: 351**SPECIES** *P. caerulea* (Scopoli, 1772: 102)

- SUBSPECIES** *P. c. caerulea* (Scopoli, 1772: 102) (**)
SPECIES *P. cylindrica* (Linnaeus, 1758: 394) (**)
SPECIES *P. geniculata* Mulsant, 1862: 420 (**)
SPECIES *P. manicata* Reiche & Saulcy, 1858: 17 (**)
SPECIES *P. pustulata* (Schrank, 1776: 66)
SUBSPECIES *P. p. pustulata* (Schrank, 1776: 66) (**)
SPECIES *P. rufipes* (Olivier, 1795: 25)
SUBSPECIES *P. r. rufipes* (Olivier, 1795: 25) (**) (****)
SPECIES *P. virgula* (Charpentier, 1825: 225) (**)
SUBGENUS *OPSILLA* Mulsant, 1862: 387
SPECIES *P. coeruleascens* (Scopoli, 1763: 49) (**)
TRIBE AGAPANTHINI Mulsant, 1839: 172
GENUS *AGAPANTHIA* Audinet-Serville, 1835: 35
SUBGENUS *SYNTHAPSIA* Pesarini & Sabbadini, 2004: 121
SPECIES *A. kirbyi* (Gyllenhal, 1817: 186) (**)
SUBGENUS *EPOPTES* Gistel, 1857: 93
SPECIES *A. lateralis* Ganglbauer, 1884: 541 (**)
SUBGENUS *AGAPANTHIA* Audinet-Serville, 1835: 35
SPECIES *A. cardui* (Linnaeus, 1767: 632) (**)
SPECIES *A. suturalis* (Fabricius, 1787: 149) (**)
SUBGENUS *SMARAGDULA* Pesarini & Sabbadini, 2004: 128
SPECIES *A. violacea* (Fabricius, 1775: 187) (**)

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LITERATURE CITED

- Adlbauer, K.** 1988. Neues zur Taxonomie und Faunistik der Bockkäferfauna der Türkei (Coleoptera, Cerambycidae). Entomofauna, 9 (12): 257-297.
Braun, W. 1978. Die Dorcadienausbeute der Forschungsreisen von W. Heinz 1963-1977, Faunistische Aufstellung, Beschreibung einer neuen Unterart und Bemerkungen zur Systematik wenig bekannter Arten (Coleoptera, Cerambycidae). Nachrichtenblatt der Bayerischen Entomologen, 27 (6): 101-116.
Özdikmen, H. 2007. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part I – Black Sea Region. Munis Entomology & Zoology 2 (2): 179-422.
Özdikmen, H. 2008. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part II – Marmara Region. Munis Entomology & Zoology 3 (1): 7-152.
Özdikmen, H. 2008. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part III – Aegean Region. Munis Entomology & Zoology 3 (1): 355-436.
Özdikmen, H. 2011. The Longicorn Beetles of Turkey (Coleoptera: Cerambycidae) Part IV – Mediterranean Region. Munis Entomology & Zoology, 6 (1): 6-145.
Özdikmen, H. & Demir, H. 2006. Notes on longicorn beetles fauna of Turkey (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 1 (1): 157-166.
Sama, G. 1982. Contributo allo studio dei coleotteri Cerambycidae di Grecia e Asia Minore. Fragmenta Entomologica, Roma, 16 (2): 205-227.
Sama, G. 2002. Atlas of the Cerambycidae of Europe and the Mediterranean Area, Volume I, Kabourek, Zlin, 173 pp.
Sama, G., Rapuzzi, P. & Özdikmen, H. 2012. Preliminary report of the entomological surveys (2010, 2011) of G. Sama and P. Rapuzzi to Turkey (Coleoptera: Cerambycidae). Munis Entomology & Zoology, 7 (1): 22-45.
Taglianti, A. V., Audisio, P. A., Biondi, M., Bologna, M. A., Carpaneto, G. M., De Biase, A., Fattorini, S., Piattella, E., Sindaco, R., Venchi, A. & Zapparoli, M. 1999. A proposal for a chorotype classification of the Near East fauna, in the framework of the Western Palaearctic Region. Biogeographia 20: 31-59.