

## Contributions to the knowledge of the Curculioninae and Phytonominae (Coleoptera: Curculionidae) from Turkey

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### Summary

In this study, it has been determined the new localities of 9 species belonging to Curculioninae and 24 species belonging to Phytonominae subfamilies of Curculionidae. Material have been collected from the different parts of Turkey during the years of 1940-1996. Amongst those *Hypera variabilis* (Herbst) is widespread than others.

**Key words:** Coleoptera, Curculionidae, Curculioninae, Phytonominae, fauna, Turkey

**Anahtar sözcükler:** Coleoptera, Curculionidae, Curculioninae, Phytonominae, fauna, Türkiye

### Introduction

Curculionidae (Coleoptera) fauna of Turkey is quite rich and the studies of Fairmaire (1866), Gadeau de Kerville (1939), Voss (1962), Hoffman (1964), Lodos (1960), Bajtenov & Lodos (1980), Osella & Lodos (1979 a, b), Fremuth (1982), Korotyaev et al. (2002) and Gültekin (2004) have great importance.

The first research project on Curculionidae has been realised in the Aegean and Marmara Regions of Turkey during the years of 1972-1976 by Lodos et al. (1978). In this project 348 species belonging to Curculionidae have been determined.

The second and third projects have been realised in the Western Black Sea and Central Anatolia and in the Mediterranean Regions of Turkey during the years of 1979-1982 and 1984-1987, respectively (Lodos et al., 2003). In this projects totally 385 species belonging to Curculionidae have been determined.

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In this paper, material collected from the different parts of Turkey belonging to Curculioninae and Phytonominae occurring in LEMT (Lodos Entomological Museum, Turkey) have been evaluated and new locality records of them have been given.

## Material and Methods

Material have been collected by sweeping net, beating tray and other methods (Lodos et al., 1978, 2003) during the field studies of the projects (TUBITAK-TOAG/168, 336, 502) and also during the other excursions to the different parts of Turkey.

In addition to these, material collected and given as a gift to the museum by researchers of Plant Protection Research Institutes, amateurs, students have also included in this study.

The information concerning specific name, describer, locality and date of collection, place/plant on which the species were collected and number of species (in brackets) was given. Although the name of the plants on which the specimens collected were given, it means that they may not be host of the species.

Material have been determined by The Late Prof. Dr. N. Lodos, Dr. J. Fremuth, Dr. R. Caldara, Dr. R. T. Thompson and Dr. L. Dieckmann. In this paper, classification and nomenclature of Curculionids suggested by Alonso-Zarazaga & Lyal (1999) and Colonnelli (2003) have been followed. The recorded insect genera have been listed in phylogenetic order in each subfamily and species sorted as alphabetical.

## Results

In this study, 33 species of 5 genera belonging to two subfamilies of Curculionidae have been reported.

### Curculioninae

**Curculio** Linnaeus

**Curculio crux** Fabricius, 1776

**Material studied:** **Bilecik** (Central province), 19.V.1971, **Salix** sp., (2). **Çorum** (Örencik), 19.V.1971, **Salix** sp., (7). Totally 9 specimens.

**Curculio elephas** Gyllenhal, 1836

Material studied: **Çanakkale** (Bozcaada), 19.IX.1985, **Quercus** sp., (1). **İzmir** (Tire), 07.VIII.1977, **Castanea sativa** Miller, (4). Totally 5 specimens.

**Curculio excellens** Khnzorian, 1953

**Material studied:** **Mardin** (Central province), 17.VI.1975, weeds, (1). Totally 1 specimen.

***Curculio glandium* Marsham, 1802**

**Material studied:** **Ankara** (Central province), 29.VI.1978, **Quercus** sp., (2); weeds, (1). **Artvin** (Central province), 02.VI.1973, in the mill, (1); 12.VI.1973, **Ulmus** sp., (4). **Balıkesir** (Manyas), 11.VI.1970, **Quercus** sp., (12). **Bilecik** (Central province), 19.VI.1971, **Quercus** sp., (1); (Söğüt), 26.V.1971, **Quercus** sp., (3). **Bursa** (Mudanya), 30.V.1971, **Quercus** sp., (2). **Çorum** (Dodurga), 04.VII.1978, **Quercus** sp., (1). **İzmir** (Bergama), 14.V.1971, **Crataegus** sp., (1); (Bornova-Çiçekli), 08.VI.1973, **Quercus** sp., (2); (Kemalpaşa-Ulucak), 27.V.1970, **Myrtus** sp., (1). **Malatya** (Suçatı), 08.VI.1976, **Quercus** sp., (3). **Manisa** (Sultanyayla), 29.V.1970, **Crataegus** sp., (1); **Prunus avium** L., (1); **Rhus** sp., (1). **Sivas** (Koyulhisar), 19.VII.1978, **Quercus** sp., (1). **Tokat** (Almus), 02.VIII.1978, **Quercus** sp., (1). Totally 39 specimens.

***Curculio nucum* Linnaeus, 1758**

**Material studied:** **Balıkesir** (Manyas), 11.VI.1970, **Quercus** sp., (4). **Bayburt** (Central province), 14.VII.1982, **Quercus** sp., (2). **Bilecik** (Söğüt), 26.V.1971, **Quercus** sp., (2). **İzmir** (Kemalpaşa), 27.V.1970, **Quercus** sp., (1). **Malatya** (Central province), 08.VI.1976, **Quercus** sp., (1); (Suçatı), 08.VI.1976, **Quercus** sp., (1). **Manisa** (Central province), 29.V.1970, **Cydonia vulgaris** Pers., (1); **Prunus domestica** L., (1); (Sultanyayla), 29.V.1970, **Cydonia vulgaris**, (3); **Prunus avium**, (2); **Prunus domestica**, (4); **Rhus** sp., (1); 02.VI.1972, **Prunus avium**, (3). **Ordu** (Central province), 03.IV.1971, **Corylus avellana** L., (2); (Ünye), 03.IV.1971, **Corylus avellana**, (3); 20.IV.1971, **Corylus avellana**, (1); 11.VII.1972, **Corylus avellana**, (4). **Samsun** (Central province), 10.V.1960, (13). **Trabzon** (Central province), 15.V.1962, **Corylus avellana**, (14). Totally 63 specimens.

***Curculio pellitus* Boheman, 1843**

**Material studied:** **Adana** (Central province), 05.VI.1972, **Rosa** sp., (1). **Antalya** (Finike), 02.V.1972, **Pyrus elaeagrifolia** Pall., (1); (Korkuteli), 01.V.1972, **Pyrus elaeagrifolia**, (2). **Balıkesir** (Manyas), 11.VI.1970, **Quercus** sp., (1). **Bursa** (Mudanya), 11.VI.1970, **Quercus** sp., (1); 30.V.1971, **Quercus** sp., (1). **Çorum** (Dodurga), 04.VII.1978, **Quercus** sp., (1). **İzmir** (Bornova-Doğanlar), 29.IV.1971, **Celtis** sp., (1); **Quercus** sp., (1); (Bornova-Pınarbaşı), 03.VI.1970, **Prunus armeniaca** L., (1); (Kemalpaşa), 23.V.1970, **Quercus** sp., (8); 28.V.1970, **Celtis** sp., (1); (Kemalpaşa-Ulucak), 23.V.1970, **Myrtus** sp., (1); (Ödemiş-Genev), 07.VI.1972, **Quercus** sp., (1); (Selçuk-Pamucak), 14.VI.1977, **Quercus** sp., (1); (Tire), 14.VIII.1984, **Castanea sativa**, (1); (Urla), 30.VII.1964, **Olea europaea** L., (1). **Manisa** (Salihli-Kurşunlu), 19.VII.1972, **Quercus** sp., (1); (Sultanyayla), 29.V.1970, **Celtis** sp., (1); **Prunus avium**, (1). Totally 28 specimens.

***Curculio pyrrhoceras*** Marsham, 1802

**Material studied:** **Antalya** (Korkuteli), 01.V.1972, **Quercus** sp., (1). **Bilecik** (Central province), 19.V.1971, **Salix** sp., (1); (Bozüyük), 23.V.1971, **Quercus** sp., (2); 28.V.1971, **Quercus** sp., (1). **Isparta** (Central province), 12.VI.1973, weeds, (1). Totally 6 specimens.

***Curculio salicivorus*** Paykull, 1792

**Material studied:** **Aksaray** (Ihlara Valley), 30.V.1973, **Urtica** sp., (10). **Antalya** (Korkuteli), 01.V.1972, **Quercus** sp., (2). **Balikesir** (Susurluk), 09.VI.1970, **Salix** sp., (1). **Bilecik** (Central province), 19.V.1971, **Salix** sp., (4); (Bozüyük), 23.V.1971, **Quercus** sp., (3); 27.V.1971, **Populus** sp., (1); (Pazar-yeri), 25.V.1971, **Salix** sp., (2). **Bursa** (Central province), 30.V.1971, **Salix** sp., (2). **Çorum** (Örencik), 19.V.1971, **Salix** sp., (4). **Erzurum** (Aşkale), 14.VII.1982, **Elaeagnus orientalis** L., (1). **İzmir** (Bozdağ), 24.VI.1977, **Juglans regia**, (1). **Kars** (Central province), 13.VI.1973, weeds, (1). **Tokat** (Central province), 02.VII.1978, **Salix** sp., (1). **Uşak** (Central province), 29.IV.1979, **Salix** sp., (1). **Yozgat** (Çekerek), 07.VIII.1978, **Salix** sp., (3). Totally 37 specimens.

***Curculio venosus*** (Gravenhorst, 1807)

**Material studied:** **Bilecik** (Söğüt), 15.V.1978, **Quercus** sp., (2). **Bingöl** (Central province), 30.VI.1976, **Medicago** sp., (1). **Giresun** (Central province), May 1972, (1). Totally 4 specimens.

**Phytonominae**

***Coniatus*** Germar

***Coniatus repandus*** (Fabricius, 1792)

**Material studied:** **Ankara** (Gölbaşı), 08.VI.1976, **Tamarix** sp., (1). **Artvin** (Çoruh), 08.IX.1971, **Tamarix** sp., (24). **Aydın** (Samsun Mountain), 02.VI.1973, **Tamarix** sp., (1). **Batman** (Kozluk), 11.VI.1976, **Tamarix** sp., (1). **Elazığ** (Central province), June 1971, **Tamarix** sp., (1); (Hazar), 03.VII.1977, **Tamarix** sp., (1). **Erzincan** (Tercan), 17.VII.1982, **Tamarix** sp., (14). **Gümüşhane** (Central province), 11.VII.1978, **Quercus** sp., (1). **Hakkari** (Çukurca), 14.VI.1976, **Tamarix** sp., (4). **İzmir** (Ödemiş), 07.VI.1972, **Urtica** sp., (1); (Selçuk), 09.VI.1977, **Tamarix** sp., (3). **Malatya** (Central province), 09.VI.1976, Cruciferous plants, (1). **Muş** (Central province), 10.VIII.1977, **Tamarix** sp., (1). **Siirt** (Central province), 12.VI.1976, weeds, (1). Totally 55 specimens.

***Coniatus tamarisci*** (Fabricius, 1787)

**Material studied:** **İzmir** (Selçuk), 09.VI.1977, **Tamarix** sp., (6). Totally 6 specimens.

**Donus** Jekel

**Donus audax** Faust, 1887

**Material studied: İzmir** (Menemen), 01.VI.1977, (2). Totally 2 specimens.

**Donus comatus** (Boheman, 1842)

**Material studied: Bursa** (Uludağ), 04.VIII.1969, (1). Totally 1 specimen.

**Donus zoilus** (Scopoli, 1763)

**Material studied: Ankara** (Central province), 04.VII.1975, (1). **Antalya** (Central province), 29.VI.1980, **Rosa** sp., (1); 17.V.1988, **Centaurea** sp., (1); (Alanya), 25.IV.1984, **Verbascum** sp., (1). **Aydın** (Central province), 10.V.1964, (1). **Bolu** (Abant), 23.VIII.1969, (1). **Diyarbakır** (Karacadağ), 07.VIII.1971, (17). **Gümüşhane** (Torul), 10.VII.1978, on the ground, (1). **Isparta** (Kovada), 11.VI.1973, on the ground, (7). **İzmir** (Bozdağ), 13.IV.1978, on the ground, (1). **Ordu** (Gölköy), 13.VII.1978, weeds, (2). **Sakarya** (Sapanca), 25.IV.1978, **Crataegus** sp., (1). **Samsun** (Havza), 15.VIII.1969, (2). Totally 37 specimens.

**Hypera** Germar

**Hypera constans** (Boheman, 1834)

**Material studied: İzmir** (Bornova), 20.V.1963, **Medicago** sp., (1). Totally 1 specimen.

**Hypera contaminata** (Herbst, 1795)

**Material studied: Samsun** (Havza), 25.V.1978, **Vicia** sp., (2). Totally 2 specimens.

**Hypera crinita** (Boheman, 1834)

**Material studied: İzmir** (Central province), 14.V.1940, (1); (Bergama), 24.V.1977, **Cinum** sp., (2); (Bornova), 19.IV.1948, (1); 29.V.1958, **Medicago** sp., (1); 21.XII.1971, under stone, (1); (Karaburun), 10.IV.1959, **Vicia faba** L., (2); 12.IV.1978, **Vicia faba**, (3); (Karaburun-Mordoğan), 13.VII.1971, **Olea europaea**, (7); (Torbalı), 17.VI.1977, light trap, (1); (Urla), 29.VI.1966, **Olea europaea**, (1). Totally 20 specimens.

**Hypera cumanus** Petri, 1901

**Material studied: Artvin** (Central province), 12.VI.1973, weeds, (1). **Muş** (Central province), 10.VIII.1977, weeds, (1). **Tunceli** (Pülümür), 04.VIII.1977, **Medicago** sp., (1). Totally 3 specimens.

***Hypera farinosa*** Boheman, 1842

**Material studied:** **Ağrı** (Central province), 26.V.1971, (1); 14.VI.1973, **Medicago** sp., (1). **Ankara** (Polatlı), 12.VI.1990, **Medicago** sp., (2). **Denizli** (Honaz), 08.VIII.1971, weeds, (1). **Elazığ** (Central province), 04.V.1976, **Medicago** sp., (4). **Kayseri** (Central province-Çırgalan), 01.VI.1973, **Medicago** sp., (1). (Central province-Hisarçık), 01.VI.1973, **Prunus communis** Huds., (1). **Van** (Başkale), 13.VI.1976, weeds, (1). Totally 12 specimens.

***Hypera fasciculata*** (Herbst, 1795)

**Material studied:** **Diyarbakır** (Karacadağ), 10.IV.1968, (1). **Mersin** (Aydıncık), 23.IV.1985, (2). Totally 3 specimens.

***Hypera jucundus*** Capiomont, 1868

**Material studied:** **Bayburt** (Central province), 14.VII.1982, weeds, (1). **Bilecik** (Central province), 27.V.1971, Leguminoceae, (1). **Diyarbakır** (Central province), 27.V.1966, (4); 19.VI.1972, weeds, (2); (Bismil), 04.IV.1967, (1); (Karacadağ), 10.IV.1947, (1); 29.IV.1967, (1); 07.VIII.1971, (1). **İzmir** (Balçova), 11.V.1971, weeds, (1). **Karaman** (Ermenek- Bucakkışla), 26.IV.1976, weeds, (1). **Manisa** (Akhisar), 31.V.1978, weeds, (1). (Gölmarmara), 31.V.1978, **Trifolium** sp., (16); **Samsun** (Central province), 07.VI.1973, **Medicago** sp., (1); 15.V.1978, **Onobrychis** sp., (4). **Şanlıurfa** (Siverek), 15.VI.1972, **Medicago** sp., (1). **Van** (Erciş), 05.V.1991, **Medicago** sp., (5). Totally 42 specimens.

***Hypera maculipennis*** Fairmaire, 1859

**Material studied:** **Bilecik** (Pazaryeri), 25.V.1971, weeds, (1). Totally 1 specimen.

***Hypera meles*** (Fabricius, 1792)

**Material studied:** **Artvin** (Central province), 12.VI.1973, weeds, (1); 07.IV.1977, **Olea europaea**, (1); (Murgul-Özmal), 23.VIII.1973, weeds, (1). **Bitlis** (Hizan), 09.VI.1975, **Medicago** sp., (9); (Mutki), 08.VI.1975, **Medicago** sp., (1); (Tatvan), 09.VI.1973, **Medicago** sp., (1). **Bursa** (Central province), 30.V.1971, weeds, (1); (Yenişehir), 27.IV.1975, **Medicago** sp., (1). **Çanakkale** (Central province), 07.IV.1981, **Medicago** sp., (1). **Erzincan** (Central province), 16.VI.1973, **Vicia** sp., (1). **Erzurum** (Central province), 15.VI.1973, weeds, (1). **Gümüşhane** (Zigana), 08.VII.1978, weeds, (1). **Hakkari** (Çukurca), 11.VI.1975, **Medicago** sp., (2); (Yüksekova), 11.VI.1975, **Medicago** sp., (5). **Isparta** (Eğirdir), 27.IV.1974, **Medicago** sp., (1); **İzmir** (Bornova), 09.VII.1977, weeds, (1); (Kemalpaşa), 20.IV.1962, **Medicago** sp., (2); 23.V.1970, weeds, (1); (Ödemiş), 14.IV.1970, weeds, (1); 15.IV.1970, weeds, (1). **Kars** (Central province), 13.VI.1973, **Medicago** sp., (1). **Kayseri** (Central province-Çırgalan), 01.VI.1973, **Medicago** sp., (1); weeds, (1). **Kütahya** (Domaniç), 21.V.1972, **Trifolium** sp., (4). **Manisa** (Central

province), 10.IX.1966, (1); (Salihli), 29.VI.1983, (1). **Samsun** (Central province), 07.VI.1973, **Medicago** sp., (2); 15.VII.1974, weeds, (3); 15.V.1978, **Onobrychis** sp., (2); (Dereköy), 04.VI.1973, **Medicago** sp., (1); (Ladik), 02.VI.1978, **Trifolium** sp., (2); 01.VII.1978, **Trifolium** sp., (1). **Sinop** (Central province), 04.VI.1973, **Trifolium** sp., (9). **Van** (Başkale), 13.VI.1976, weeds, (1). Totally 64 specimens.

**Hypera orientalis** Capiomont, 1867

**Material studied:** **İzmir** (Central province), 28.V.1940, (1). Totally 1 specimen.

**Hypera pastinacae** (Rossi, 1790)

**Material studied:** **Ankara** (Çubuk), 16.V.1990, **Medicago** sp., (1). **Bolu** (Mudurnu), 14.VII.1979, **Medicago** sp., (1). **İçel** (Cehennemderesi), 09.VII.1986, **Cirsium** sp., (1). **İzmir** (Kemalpaşa), 10.VIII.1986, **Prunus avium**, (2); 23.IX.1986, **Prunus avium**, (1); (Menemen), May, 1967, **Pastinaca** sp., (39); (Narlıdere), 10.V.1949, **Pimpinella anisum** L., (1); (Ödemiş-Fidanlık), 05.VI.1963, **Pastinaca** sp., (1). **Kahramanmaraş** (Göksun), 02.V.1986, **Medicago** sp., (20). **Muğla** (Marmaris), 27.IV.1967, (1). Totally 68 specimens.

**Hypera plantaginis** (De Geer, 1775)

**Material studied:** **İzmir** (Bornova), 13.VI.1962, Leguminous plants, (2). Totally 2 specimens.

**Hypera punctata** (Fabricius, 1775)

**Material studied:** **Gümüşhane** (Torul), 10.VII.1978, on the ground, (2). **İstanbul** (Büyükdere), 06.VII.1954, (2). Totally 4 specimens.

**Hypera rumicis** (Linnaeus, 1758)

**Material studied:** **Samsun** (Ladik), 01.VII.1973, (1). Totally 1 specimen.

**Hypera striata** (Boheman, 1834)

**Material studied:** **İzmir** (Ödemiş-Gölcük), 18.VII.1982, (1). **Kilis** (Central province), 20.V.1980, **Lens esculenta** Moench., (3). Totally 4 specimen.

**Hypera trilineata** (Marsham, 1802)

**Material studied:** **Isparta** (Eğirdir-Balkırı), 11.VI.1973, **Fraxinus** sp., (1). Totally 1 specimen.

**Hypera variabilis** (Herbst, 1795)

**Material studied:** **Afyon** (Central province), 09.VII.1966, (2). **Ağrı** (Ağrı Mountain), 06.VIII.1977, weeds, (1). **Aksaray** (Koçaş), 29.V.1973, **Medicago** sp.,

(1). **Amasya** (Merzifon), 06.VI.1973, **Medicago** sp., (4). **Ankara** (Central province), 21.VIII.1975, Poaceous plants, (2); (Ayaş-İlyakut), 07.V.1990, **Medicago** sp., (1); (Çubuk), 23.V.1967, (1). **Artvin** (Central province), 12.VI.1973, weeds, (4). **Aydın** (Central province), 10.V.1964, (2). **Balıkesir** (Bigadiç), 08.VI.1970, **Prunus armeniaca**, (1); (Kepsut), 09.VI.1970, **Medicago** sp., (1); (Manyas), 16.VI.1970, **Medicago** sp., (1). **Bilecik** (Pazaryeri), 25.V.1971, **Medicago** sp., (1). **Bitlis** (Central province), 01.VI.1972, **Pyrus elaeagrifolia**, (2); 12.VI.1976, weeds, (3); (Hizan), 07.VI.1975, **Medicago** sp., (5); (Mutki), 06.VI.1973, **Medicago** sp., (2); (Tatvan), 12.VI.1976, weeds, (1). **Çanakkale** (Central province), May 1962, (1); (Küçükkuşu), 22.V.1973, weeds, (3). **Çorum** (Central province), 06.VI.1973, weeds, (3). **Diyarbakır** (Central province), 27.V.1966, (3); 15.VI.1972, Graminae, (1); 10.VI.1977, light trap, (2); 12.VI.1977, light trap, (1); 16.VI.1977, light trap, (9); 17.VI.1977, light trap, (1); (Karacadağ), 14.IV.1967, (1); 07.VII.1971, (4). **Erzincan** (Central province), 16.VI.1973, **Medicago** sp., (1). **Erzurum** (Central province), 12.VII.1972, weeds, (1); 15.VI.1973, **Medicago** sp., (24); 16.VI.1973, **Vicia** sp., (1). **Gaziantep** (Central province), 09.VI.1972, **Pistacia vera** L., (1); (Oğuzeli), 08.VI.1972, weeds, (2). **Hakkari** (Şemdinli), 17.VI.1975, **Medicago** sp., (13); (Yüksekova), 07.VI.1975, **Medicago** sp., (10). **Iğdır** (Central province), 13.VI.1973, weeds, (1); (Küllük), 13.VII.1970, (2). **Isparta** (Eğirdir), 27.IV.1972, **Medicago** sp., (1). **İzmir** (Bornova), 14.V.1958, **Medicago** sp., (1); 07.VII.1961, (1); 20.IV.1962, **Medicago** sp., (1); 16.V.1964, **Medicago** sp., (3); 15.V.1970, **Medicago sativa** L., (5); 20.IV.1977, (4); 27.IV.1977, weeds, (1); 29.V.1978, weeds, (1); (Bozdağ), 24.V.1978, **Medicago** sp., (10); (Menemen), 20.V.1969, weeds, (1); (Karaburun-Mordoğan), 13.VII.1971, **Olea europaea**, (2); (Ödemiş-Pirinççi), 28.V.1969, weeds, (3); (Selçuk), 09.VI.1977, on the ground, (1). **Kars** (Central province), 13.VI.1973, **Medicago** sp., (10); (Sankamış), 15.VII.1982, **Verbascum** sp., (1). **Kayseri** (Central province), 16.V.1967, (1); 01.VI.1973, **Medicago** sp., (19); **Prunus armeniaca**, (2); (Talas), 16.V.1967, (1); (Yeşilhisar), 17.V.1967, (2). **Kocaeli** (Karamürsel), 29.VI.1973, (1). **Kütahya** (Domaniç), 21.V.1971, **Trifolium** sp., (9). **Malatya** (Gündüzbey), 07.V.1983, **Medicago** sp., (2); weeds, (1). **Mardin** (Central province), 15.VI.1972, **Prunus communis**, (1). **Muğla** (Bodrum), 04.VI.1979, on the ground, (1). **Muş** (Central province), 03.VI.1972, (1); 12.II.1975, **Medicago** sp., (1); (Pertek), 03.VI.1972, (1). **Ordu** (Mesudiye), 14.VII.1978, weeds, (1). **Samsun** (Dereköy), 04.VI.1973, **Medicago** sp., (1). **Sinop** (Central province), 04.VI.1973, **Trifolium** sp., (2). **Siirt** (Central province), 11.VI.1976, (1); (Eruh), 09.VII.1977, (1). **Şanlıurfa** (Siverek), 15.VI.1972, **Prunus armeniaca**, (4). **Şırnak** (Central province), 15.VI.1976, weeds, (1); (Cizre), 15.VI.1976, light trap, (5); 16.VI.1976, weeds, (2). **Tokat** (Reşadiye), 12.VI.1976, **Medicago** sp., (3). **Trabzon** (Central province), 09.VI.1973, **Trifolium** sp., (1). **Yozgat** (Central province), 02.VI.1973, **Medicago** sp., (2). **Van** (Central province), 09.VIII.1977, **Onobrychis** sp., (1); (Erciş), 05.V.1991, **Medicago** sp., (1). Totally 235 specimens.

**Hypera viciae** (Gyllenhal, 1813)

**Material studied:** Van (Köşkköy), 20.VI.1971, (1). Totally 1 specimen.

**Limobius** Schönherr

**Limobius borealis** (Paykull, 1792)

**Material studied:** **Bursa** (İznik), 01.VI.1971, weeds, (5); (İznik-Orhangazi), 02.VI.1971, **Olea europaea**, (1). **Çorum** (Central province), 06.VI.1973, weeds, (1). **Elazığ** (Central province), 13.VI.1972, weeds, (1). Totally 8 specimens.

## Discussion

In this study, a total of 33 species of 5 genera belonging to Curculioninae and Phytonominae subfamilies of Curculionidae have been given. In the previous studies conducted by Lodos et al. (1978, 2003) the number of genera were 6 and 6, and the number of species were 24 and 28, respectively.

In this study, a total of 13 species were added to the previous records of Lodos et al. (1978 & 2003). The names of those species were given as follows: **Curculio elephas** Gyllenhal, **C. excellens** Khnzorian, **Coniatus repandus** (Fabricius), **Donus audax** Faust, **D. comatus** (Boheman), **Hypera constans** (Boheman), **H. contaminata** (Herbst), **H. crinita** (Boheman), **H. jucundus** Capiomont, **H. maculipennis** Fairmaire, **H. punctata** (Fabricius), **H. striata** (Boheman), **H. viciae** (Gyllenhal).

It is expected that, this number will exceed in the following years by further studies.

## Özet

### Türkiye Curculioninae ve Phytonominae (Coleoptera: Curculionidae) faunasına katkılar

Bu çalışmada Curculioninae altfamilyasından 9 tür, Phytonominae altfamilyasından 24 tür olmak üzere toplam 33 türün Türkiye'deki yayılışlarına ilişkin yeni bilgiler verilmiştir. Materyal Türkiye'nin değişik yörelerinden 1940-1996 yılları arasında toplanmıştır. Ele alınan türlerden en bol bulunan **Hypera variabilis** (Herbst)'tir.

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