

# Checklist of Bees of the genera *Colletes* Latreille 1930 and *Hylaeus* Fabricius 1793 of Romania (Hymenoptera: Apiformes: Colletidae)

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The 55 species of Colletidae bees from Romania are presented as a synthesis of the published records from the last 120 years and their presence in the various museum collections. The 19 species of *Colletes* and 36 species of *Hylaeus* listed here are shown according to the 8 historical regions of Romania.

**Keywords:** Romania, *Colletes*, *Hylaeus*, bee fauna, checklist.

Les 55 espèces d'abeilles Colletidae de la Roumanie sont présentées comme une synthèse des dossiers publiés à partir des 120 ans derniers et de leur présence dans les collections de musées différentes. Les 19 espèces de *Colletes* et 36 espèces de *Hylaeus* énuméré ici sont montrées selon les 8 régions historiques de la Roumanie.

**Mots-clés:** la Roumanie, *Colletes*, *Hylaeus*, la faune d'abeille, la liste des espèces.

## 1. INTRODUCTION

The bees of Romania were recorded in a number of faunistic papers in the last 150 years (Mayr, 1853), but have never been the subject of a synthesis.

The Colletidae bees have been found since the half part of XIX<sup>th</sup> century in the faunistic lists published by Heinrich (1880-1884), Frivaldszky (1873), Mocsáry (1897), Móczár & Henter (1906), Szilady (1914), Zilahi (1915), Móczár (1960, 1961) from the central and western regions of Romania (Maramureş, Crişana, Transylvania, Banat). Müller (1930), Constatinescu (1974, 1976), Matache (1995) and Tomozei (2005) have published data about Colletidae species from Dobrogea (southeast of Romania). *Hylaeus* species have been cited from the east of Romania (Moldavia) by Tomozei (2002). Pascu (1996) has published a catalogue of bee collections from the National Brukenthal Museum that contain records of Colletidae from Transylvania. In the revision of the Palaearctic species of the genus *Colletes*, Noskiewicz (1936) mentioned *Colletes anchusae*

and Warncke (1978) cited *Colletes hethiticus* from Romania.

The aim of this contribution is to present a checklist for the species of the genera *Colletes* and *Hylaeus* of Romania including details for all records and gazetteers of collecting localities (Table 1).

## 2. MATERIAL AND METHODS

Nomenclature of the *Colletes* species follows Kuhlmann (2000) and for *Hylaeus* follows Dathe (1980).

The present article is based on the published records from the last 120 years and specimens deposited in the following public: MNSB ("Ion Borcea" Museum of Natural Sciences, Bacău, Romania), NMNH ("Grigore Antipa" National Museum of Natural History, Bucharest, Romania), NBM (National Brukenthal Museum – Museum of Natural History, Sibiu, Romania), OÖLM (Oberösterreichisches Landesmuseum, Linz, Austria), SEM (Snow Entomological Museum, Lawrence, Kansas), RM Stockholm (Royal

Natural History Museum in Stockholm, Sweden). A number of specimens are deposited in private collections: Prof. Dr. Holger H. Dathe (Germany), H. Riemann (Germany), Dr. József Banaszak (Poland).

The species are presented in alphabetical order according to the 8 Romanian historical regions from north to south (Maramureş, Crişana, Transylvania, Moldavia, Banat, Oltenia, Muntenia, Dobrogea). For some species food plants preferences are given.

### 3. RESULTS

The checklist of Colletidae species and their distribution in Romania:

#### Genus *Colletes* Latreille 1802

##### 1. *Colletes albomaculatus* (Lucas 1849)

Records: Dobrogea region: Techirghiol, vi.1932, 2♀ (Matache, 1995, Pascu 1996).

##### 2. *Colletes anchusae* Noskiewicz 1924

Records: Transylvania region: Kronstadt (=Braşov), 24.v.1908, Lehmann leg. (Noskiewicz, 1936, Warncke, 1978).

##### 3. *Colletes carinatus* Radoszkowski 1891

Records: Crişana region: Zichybarlang – Vadu Crişului (Móczár, 1961).

##### 4. *Colletes cunicularius* (Linnaeus 1761)

Records: Maramureş region: Hadad-Hodod, Tasnád–Tăşnad (Móczár, 1961); Transylvania region: Nagyszeben-Sibiu (Henrich, 1880-1884; Mocsáry, 1897; Móczár, 1961); Sibiu, 2.iv.1945, 9♀, 14.iv-4.v.1946, 10♂, Worell leg.; Crişan – Cibinului Valey, 13.iv.1930; Turnu Roşu, 15.iv.1892; Cislădie, 21.iv.1891; Saschiz, viii.1925 (Pascu, 1996); Crişana region: Borosjenő-Ineu; Dobrogea region: Cocoş Monastery, Celic, Niculiţel (Constantinescu, 1976); Sfântu Gheorghe (Danube Delta), iii.1951 (Matache, 1995).

##### 5. *Colletes daviesanus* Smith 1846

Records: Transylvania region: Târgul Mureş, Berzasca (Mocsáry, 1897); Mirăslău (Szilády, 1914); Turnişor, 24.vii.1891, 14♂, det. Friese 1898; Hosman, vii; Slimnic - Zackel Hill; Cluj, 13.vii.1918; Cehu Silvaniei, 14-20.vii.1929; Ocna Sibiului, vii. 1926; Crişana region: Ineu,

23.v.1920 (Pascu, 1996); Dobrogea region: Dobrogea (Müller, 1930); Sărăturile – Sfântu Gheorghe (Danube Delta), 14-16.viii.1971, 2♀ (Constantinescu, 1974); Cocoş Monastery (Constantinescu, 1976); Techirghiol, vi.1933 (Pascu, 1996); Histria, 25.vi.1996, 2♂ (MNSB coll.); Moldavia region: Brusturoasa, 24.vii.1991, 1♀; Valea Uzului, 4.vii.1996, 1♂; Şerbăneşti, 24.iv.2002, 1♂; Vârciorova, 5.vii.2002, 1♀ (MNSB coll.).

##### 6. *Colletes floralis* Eversmann 1852

Records: Transylvania region (Mocsáry, 1897); Erdély – Ardeal (Móczár, 1961).

##### 7. *Colletes fodiens* (Geoffroy 1785)

Records: Maramureş region: Tasnád – Tăşnad (Móczár, 1961); Transylvania region: Dicsőszentmárton – Tîrnăveni (Móczár, 1961); Sibiu (Henrich, 1880-1884; Mocsáry, 1897); Banat region: Băziás – Baziaş (Móczár, 1961); Oltenia region: Caracal, 12.viii.1924, 1♀, Brandsch leg. (Pascu, 1996); Dobrogea region: Dobrogea (Müller, 1930); Cocoş Monastery (Constantinescu, 1976); Caraorman, 11.viii.1967, 16-20.vii.1969 (Matache, 1995).

##### 8. *Colletes hethiticus* Warncke 1978

Records: Dobrogea region: Caraorman, 11.viii.1967 (OÖLM Coll.) (Warncke, 1978).

##### 9. *Colletes hylaeiformis* Eversmann 1852

Records: Maramureş region: Tasnád – Tăşnad (Mocsáry, 1897, Móczár, 1961); Transylvania region: Magyar Bagó – Băgău; Crişana region: Nagyvárad – Oradea; Dobrogea region: Cocoş Monastery (Constantinescu, 1976); Eforie Sud, vi.1931 (Matache, 1995); Carmen Sylva, vi.1931, 2♀, Müller leg. (Pascu, 1996); Agigea, 28.vii.2001, 1♀ (MNSB coll.).

##### 10. *Colletes inexpectus* Noskiewicz 1936

Records: Transylvania region: Măgura, Nagyszeben – Sibiu (Móczár, 1961); Banat region: Berzászka – Berzasca (Móczár, 1961).

##### 11. *Colletes lebedewi* Noskiewicz 1936

Records: Dobrogea region: Caraorman, 19.vii.1969; Periprava – Letea Forest, 18.vii.1964 (Matache, 1995); Moldavia region: Trebiş, 1.viii.2003, 1♀; Gherăieşti, 18.vii.2001, 2♂ (MNSB coll.).

**12. *Colletes maidli* Noskiewicz 1936**

Records: Moldavia region: Bisericani, 16.ix.1994, 1♀, leg. Tomozei B. (MNSB coll.).

**13. *Colletes marginatus* Smith 1846**

Records: Maramureş region: Hadad – Hodod (Móczár, 1961); Transylvania: Sibiu, vi.1943, 7♀, Worell leg.; Dumbrava Sibiului, 13-30.vii.1953; Tîrlişua (Pascu, 1996); Dicsöszentmárton – Tîrnăveni (Móczár, 1961); Dobrogea region: Sărăturile – Sfântu Gheorghe (Danube Delta), 11-14.viii.1971, 2♂, 2♀ (Constantinescu, 1974); Cocoş Monastery (Constantinescu, 1976); C.A. Rosetti, 2-19.vii.1964; Periprava, 17.vii.1964; Caraorman, 14-16.viii.1967, 16.vii.1969, 15.v.1992; Hagieni, 8-14.vii.1992 (Matache, 1995).

**14. *Colletes mlokoszewiczi* Radoszkowski 1891**

Records: Transylvania region: Siebenbürgen, Ug. Sácamas, 18.vi.1996, Poller leg. (Burger); Torda – Turda (Móczár, 1961); Banat region: Berzászka – Berzasca (Móczár, 1961); Oltenia region: Craiova, 9.v.1951 (Móczár, 1961); Moldavia region: Valea Uzului, 17.iv.1995, 1♀ (MNSB coll.).

**15. *Colletes pallescens* Noskiewicz 1936**

Records: Transylvania region: Dicsöszentmárton – Tîrnăveni; Nagyszeben – Sibiu (Móczár, 1961); Banat region: Báziás – Bazias (Móczár, 1961); Dobrogea region: 1♂ Sărăturile – Sfântu Gheorghe (Danube Delta), 11.viii.1971 (Constantinescu, 1974).

**16. *Colletes nasutus* Smith 1853**

Records: Transylvania region: Erzsébetváros – Dumbrăveni (Mocsáry, 1897); Moldavia region: Roman, 10.vii.1950 (SEM coll.); Dobrogea region: Sărăturile – Sfântu Gheorghe (Danube Delta), 12.viii.1971, 1♂, 3♀ (Constantinescu, 1974); Cocoş Monastery (Constantinescu, 1976).  
Flower records: *Echium* sp. (Constantinescu, 1976).

**17. *Colletes punctatus* Mocsáry 1877**

Records: Maramureş region: Pir (Mocsáry, 1897); Transylvania region: Fugad-Ciuguzel (Móczár, 1961); Ocna Sibiului, 17.ix.1932, 4♀ (Pascu, 1996); Dobrogea region: Cocoş Monastery (Constantinescu, 1976); Măcin-Turcoaia, 12-14.vii.1927, Müller leg. (Pascu, 1996); Valul Traian, 10.vii-15.viii.1958 (SEM coll.).

**18. *Colletes similis* Schenck 1853**

Records: Transylvania region: peak Ciblesz – Ciblesiu (Rodna Mountains) (Móczár, 1961); Ocna Sibiului, ix.1941, 6♀, Worell leg.; Sighişoara, 10.viii.1956, Worell leg.; Turnu Roşu, 29.viii.1895; Retezat Mountains, 16.vii.1921, 1♂, Bespalter leg.; Sibiu, (Pascu, 1996); Crişana region: Nagyvárad – Oradea (Móczár, 1961); Dobrogea region: Sărăturile – Sfântu Gheorghe (Danube Delta), 11-14.viii.1971, 3♂, 7♀ (Constantinescu, 1974); Muntenia region: Comarnic, 9.vii.1950 (SEM coll.); Moldavia region: Odobeşti, 8-16.v.1950, 8.vi.1950 (SEM coll.); Racova, 24.vii.1990, 1♀; Runc, 28.vii.1979, 1♀; Răchitoasa, 20.vii.1972, 1♀; Izvorul Alb, 24.vii.1998, 1♀; Gherăieşti, 28.vii.2003, 1♀; Vânători Neamţ, 27.vii.2003, 1♀ (MNSB coll.).

**19. *Colletes succinctus* (Linnaeus 1758)**

Records: Transylvania region: Sibiu, vii.1941, 5♀; Sibiu viii.1945, 3♂, Worell leg. (Pascu, 1996); Banat region: Oraviţa (Mocsáry, 1897); Dobrogea region: Cocoş, Niculiţel (Constantinescu, 1974).

**Genus *Hylaeus* Fabricius 1793****20. *Hylaeus angustatus* (Schenck 1859)**

Records: Transylvania region: Sibiu, viii.1819, viii.1817, 4♂; Sibiu, vi.1917, 2♀, viii.1919, 1♀, Czekelius leg.; Sighişoara (Pascu, 1996); Crişana region: Nagyvárad-Oradea (Mocsáry, 1897); Dobrogea region: Cocoş, Niculiţel (Constantinescu, 1976); Dobrogea (Müller, 1930); Măcin-Turcoaia, 14-19.vii.1927, Müller leg. (Pascu, 1996).

**21. *Hylaeus annularis* (Kirby 1802)**

Records: Maramureş region: Hadad-Hodod (Pascu, 1996); Transylvania region: Nagyszeben – Sibiu, viii, (Henrich, 1880-1884); Ocna Sibiului, 24.v.1925; Valea Crişului, 6.vi.1921; Cehu Silvaniei, 14-20.vii.1929, 2♀ (Pascu, 1996); Hodod, Széer – Ser (as *Prospis cervicornis* Costa by Zilahi, 1915); Moldavia region: Breazu, 3.viii.2001, 1♀; Măgura, 11.viii.1976, 1♀; Onişcani, 30.vii.1991, 1♀; Perchiu, 3.vii.1978, 1♂; Urecheşti, 10.ix.1981, 1♀ (Tomozei, 2002); Banat region: Boksanbanya – Bocşa Montană (as *Prospis cervicornis* Costa by Zilahi, 1915); Mehadia (as *Prosopis dilatata* Kirby by Mocsáry, 1897); Valea Cernei (as *Prosopis dilatata* Kirby by Frivaldszky, 1873); Dobrogea region:

Periprava, 15.vii.1964 (Matache, 1995); Murighiol, 5.vi.1972, 1♀ (Tomozei, 2005); Murighiol (Danube Delta), 23.viii.1985, 3♀, Ziska leg.

Flower record: *Matricaria* sp. (Tomozei, 2002).

### 22. *Hylaeus annulatus* (Linnaeus 1758)

Records: Transylvania region: Felső-Ilosva – Tîrlişua (as *Prospis borealis* Nyl. by Zilahi, 1915); Banat region: Valea Cernei (Frivaldszky, 1873).

### 23. *Hylaeus bifasciatus* (Jurine 1807)

Records: Moldavia region: Ilieşi, 25.vi.2000, 1♀ (Tomozei, 2002).

Flower record: *Petroselinum* (Tomozei, 2002).

### 24. *Hylaeus brevicornis* Nylander 1852

Records: Transylvania region: Sibiu, viii.1914, 2♂; Sibiu, vi-viii.1914, 3♀, Czekelius leg.; Saschiz, viii.1925; Beclean (Pascu, 1996); Moldavia region: Bacău, 31.vii.1990, 2♀; Bijghir, 6.viii.1971, 1♀; Gherăieşti, 14.vi.1975, 1♀; Parava, 29.viii.1973, 1♀; Perchiu, 16.viii.1972, 1♀; Răchitoasa, 19-22.vii.1972, 2♂, 4♀; Trebiş, 1.vii.1972, 2♀ (Tomozei, 2002); Piatra Neamţ, 24.viii.2004, 1♂, Tomozei leg. (coll. MNSB); Lacul Bicz, 16.vi.1981, 1♂, Dathe leg.; Banat region: Mehadia (Mocsáry, 1897); Boksánbánya – Bocşa Montană (as *Prosopis brevicornis* Nyl. var. *imperialis* Först., Zilahi, 1915); Dobrogea region: Cocos Monastery (Constantinescu, 1976); Periprava, 17.viii.1964; Caraorman, 11-14.viii.1967 (Matache, 1995).

Flower records: *Solidago*, *Chrysanthemum* (Tomozei, 2002).

### 25. *Hylaeus clypearis* (Schenck 1853)

Records: Maramureş region: Hadad-Hodod (Pascu, 1996); Transylvania region: Valea Sadului, vii.1931, 1♀ (Pascu, 1996); Crişana region: Nagyvárad – Oradea (Mocsáry, 1897); Dobrogea region: Murighiol (Danube Delta), 18.vi.1981, 1♂, Dathe leg.

### 26. *Hylaeus communis* Nylander 1852

Records: Transylvania region: Nagyszeben-Sibiu (Henrich, 1880-1884, Mocsáry, 1897), Sibiu viii.1914, 4♂, Sibiu, vi.1917, 4♂; Turnu Roşu, 29.viii.1895, 2.viii.1887; Măgura Cislădiei, 15.vi.1926 (Pascu, 1996); Topánfalva – Câmpeni (Szilady, 1914); Moldavia region: Agapia, 4.vii.2000, 1♀; Bălăneasa, 8.ix.1972, 1♀; Câmpulung, 27.vi.1968, 1♀; Cernegura,

21.vi.1972, 1♀; Coman, 13.viii.1974, 1♂; Dealu Morii, 30.vii.1978, 1♀; Dospineşti, 2-3.viii.1972, 3♂; Durău, 12.ix.1995, 1♂; Hemeiuşi, 21.viii.1973, 2♂, 2♀; Ilieşi, 24.vi.2000, 2♀; Livezi, 21.vi.1972, 1♂; Lepşa, 29.vi.1971, 1♂; Mărgineni, 17.vii.1973, 1♂; Nicolae Bălcescu, 2.vi.1975, 1♀; Pechiu, 16.viii.1972, 1♂; Răchitoasa, 20.vii.1972, 3♂; Racova, 10.vi.1975, 1♂; Racova, 24.vii.1980, 6♀; Sascut, 25.ix.1984, 1♀; Sărata, 4.viii.1986, 1♀; Scorţeni, 6.viii.1973, 1♂; Slănic Moldova, 5.ix.1991, 1♀; Slobozia, 6.ix.1972, 1♂; Şerbăneşti, 13.viii.1973, 2♀; Tamaş, 18.vii.1990, 1♀; Târgu Ocna, 12.vii.1990, 3♀; Trebiş, 1.viii.1972, 4♀, 14♂; Urecheşti, 9.viii.1981, 1♀; Valea Budului, 11.viii.1973, 2♀; Valea Uzului, 16.vii.1995, 1♀; Vânători Neamţ, 4.vii.2000, 5♀ (Tomozei, 2002); Ceahlău Mountain, 5.viii.1966, 1♂; Trebiş, 1.viii.1972, 1♀; Piatra Neamţ, 24.viii.2004, 1♀ (coll. MNSB); Lacul Bicz, 16.vi.1981, 4♂, Dathe leg.; Banat region: Mehadia (Mocsáry, 1897); Dobrogea region: Cocos Monastery, Greci, Niculiţel (Constantinescu, 1976); Babadag, 10.ix.1967 (Matache, 1995); Babadag, 14.vi.1973, 1♂; Lacul Sinoe, 2.vi.1972, 1♀ (Tomozei, 2005).

Flower records: *Daucus*, *Petroselinum* sp., *Crepis*, *Centaurea*, *Achillea* (Tomozei, 2002).

### 27. *Hylaeus confusus* Nylander 1852

Records: Transylvania region: Nagyszeben-Sibiu (Henrich, 1880-1884, Mocsáry, 1897); Ocna Sibiului, viii.1914, 3♂; Sighişoara; Saschiz, viii.1925; Sibiu vii.1914, vi.1915, 2♀; Sibiu-Gusteriţa (Pascu, 1996); Moldavia region: Fântânele, 15.vi.1973, 1♀; Hemeiuşi, 21.viii.1973, 1♀; Poina Sărată, 19.vii.1996, 1♀; Ponoare, 24.vii.1968, 1♀; Racova, 31.v.1974, 1♀, 2♂; Sboina, 26.vi.1971, 1♂; Slănic Moldova, 18.viii.1991, 2♀; Frumoasa, 14.vii.1971, 1♀; Valea Uzului, 5.vii.1997, 1♀ (Tomozei, 2002); Ceahlău Mountain, 22.vii.1966, 1♀; Runc, 10.vi.1975, 1♂; Călimani Mountains, 30.viii.1968, 1♀; Pietricica Mountain, 8.viii.2004, 1♂ (coll. MNSB); Lacul Bicz, 16.vi.1981, 1♂ 1♀, Dathe leg.; Banat region: Oravicza-Oraviţa (Mocsáry, 1897); Muntenia region: Bucharest, 1910, 1♀, Montandon leg.; Poiana Stâniei, 26.vii.1980, 1♂, Sedlag leg.; Sinaia, 1.viii.1980, 1♂, 1♀, Sedlag leg. (coll. RM Stockholm).

Flower records: *Tragopogon* (Tomozei 2002).

### 28. *Hylaeus cornutus* Curtis, 1831

Records: Moldavia region: Bijghir, 6.vii.1971, 1♂; Gherăieşti, 14.vi.1975, 2♀; Măgura,

11.viii.1976, 1♂; Mărgineni, 29.vii.1972, 1♂; Răchitoasa, 20.vii.1972, 1♀; Sănduleni, 23.v.1972, 1♀; Șerbănești, 13.viii.1973, 3♂ (Tomoezi, 2002); Tudora, 28.vii.1983, 1♀ (coll. MNSB); Banat region: Mehadia (Mocsáry, 1897); Dobrogea region: Sărăturile - Sf. Gheorghe (Danube Delta), 12-13.viii.1971, 1♂, 2♀ (Constantinescu, 1974); Cocoș Monastery (Constantinescu, 1976); C.A. Rosetti, 19.vii.1964; Agigea, 24.vii.1964, 2.viii.1992 (Matache, 1995); Agigea, 26.vii.2001, 1♂ (Tomoezi, 2005).

Flower records: *Chrysanthemum*, *Berteroa incana*, *Euphorbia*, *Daucus*, *Achillea* (Tomoezi, 2002).

### 29. *Hylaeus difformis* (Eversmann 1852)

Records: Transylvania region: Kolozsvár – Cluj, Semesnye – Simișna, Tușnad (Mocsáry, 1897); Sibiu; Cibin-Pălteniș Mountains, vii.1918; Turnu Roșu; Cehu Silvaniei, 14-20.vii.1929; Saschiz, vii.1925; Sibiu, vi-vii. 1915, 2♀, det. Friese 1898 (Pascu, 1996); Crișana region: Csikszentmárton – Sînmartin (Szilady, 1914); Moldavia region: Bisericani, 13.viii.1994, 1♀; Brusturoasa, 4.vii.1978, 1♀; Gherăiești, 14.vi.1975, 2♂; Târgu Ocna, 12.vii.1990, 1♀; Valea Budului, 7.vii.1973, 1♀; Valea Uzului, 5.vii.1997, 1♀ (Tomoezi, 2002); Hemeiuși, 25.vi.1979, 1♂ (coll. MNSB); Lacul Bicz, 16.vi.1981, 1♂, 1♀, Dathe leg.; Banat region: Mehadia, Resicza-Reșița (Mocsáry, 1897); Dobrogea region: Cocoș Monastery, Celic (Constantinescu, 1976).

Flower records: *Berteroa incana*, *Trifolium* (Tomoezi, 2002).

### 30. *Hylaeus duckei* (Alfken 1904)

Records: Maramureș region: Hadad-Hodod (Zilahi 1915); Moldavia region: Brusturoasa, 10.viii.1976, 1♀ (Tomoezi, 2002); Dobrogea region: Babadag, 14.vi.1973, 1♀ (Tomoezi, 2005).

### 31. *Hylaeus euryscapus* Förster 1871

Records: Transylvania region: Hațeg (Pascu, 1996); Crișana region: Ineu, 2.v.1920, 1♀ (Pascu, 1996).

### 32. *Hylaeus friesei* (Alfken 1904)

Records: Banat region: Herkulesfürdő – Băile Herculane (Móczár, 1960).

### 33. *Hylaeus gibbus* Saunders 1850

Records: Maramureș region: Hadad – Hodod (as *Prosopis genalis* Thom. by Zilahi, 1915);

Transylvania region: Valea Lungă, 4-25.vii.1932 (Pascu, 1996); Banat region: Turnu Severin, 30.vii.1978, 1♂ (coll. MNSB); Moldavia region: Gherăiești, 14.vi.1975, 1♂ (Tomoezi, 2002); Trebiș, 1.viii.1972, 1♂; Gherăiești, 28.viii.1973, 1♂ (coll. MNSB); Dobrogea region: Sărăturile-Sfântul Gheorghe (Danube Delta), 11-16.viii.1971, 7♂, 12♀ (Constantinescu, 1974); Cocoș Monastery, Celic (Constantinescu, 1976); Hagieni, 29.viii.1964, 22.v.1993; Caraorman, 13-17.v.1968, 17-18.vii.1968, 11-15.viii.1967, 4-10.x.1968; Crișan, 18.viii.1967, 27.viii.1969; Sfântu Gheorghe, 30.viii.1971; Comarova Forest, 3.viii.1992; Gorgova sand bank, 19.v.1994 (Matache, 1995); Babadag, 14.vi.1973, 1♂; Tuzla, 3.viii.1968, 1♂ (Tomoezi, 2005).

Flower records: *Falearia sioides*, *Daucus carota* (Matache, 1995).

### 34. *Hylaeus gracilicornis* (Morawitz 1867)

Records: Maramureș region: Hadad-Hodod (Zilahi, 1915); Transylvania region: Sibiu, 4.vi.1951, 25.vi.1948, 10♂; Sibiu-Gușterița, 29.vi.1948, 16.viii.1947 (Pascu, 1996).

### 35. *Hylaeus gredleri* Förster, 1871

Records: Dobrogea region: Babadag, 14.vi.1975, 1♀, 1♂ (Tomoezi, 2005); Letea Forest (Danube Delta) 12.viii.1985, 1♀, Ziska leg.; Moldavia region: Șerbănești, 13.viii.1973, 1♂ (coll. MNSB).

### 36. *Hylaeus hyalinatus* Smith, 1842

Records: Maramureș region: Runk-Runc (Szilady, 1914); Transylvania region: Nagyszeben-Sibiu, Sepsiszentgyörgy-Sfântul Gheorghe (Mocsáry, 1897); Sibiu-Gușterița, 24.vi.1930, 2♂, det. Friese 1898; Sibiu-Gușterița; Saschiz, vii.1925 2♂ (Pascu, 1996); Agnita (Siebenbürgen) 29.vi.1981, 1♂, 2♀, Dathe leg.; Hoghiz (Siebenbürgen) 28.vi.1981, 4♂, 1♀, Dathe leg.; Moldavia region: Bacău, 31.vii.1990, 3♂, 7♀; Bălăneasa, 9.ix.1972, 1♀; Gherăiești, 14.vi.1975, 1♀; Sărata, 4.viii.1984, 2♀, 1♂; Sascut, 25.ix.1984, 3♀; Târgu Ocna, 12.vii.1990, 1♀; Hemeiuși, 25.v.1979, 1♂; Măgura, 6.vi.1974, 1♀; Șerbănești, 13.viii.1973, 1♂; Urechești, 22.vii.1982, 1♀ (Tomoezi, 2002); Lacul Bicz, 16.vi.1981, 2♂, Dathe leg.; Dobrogea region: Histria, 3.vi.1972, 1♀ (Tomoezi, 2005); Beștepe (Danube Delta) 18.viii.1985, 1♂, Ziska leg. Flower records: *Solidago* (Tomoezi, 2002).

**37. *Hylaeus imparilis* Förster 1871**

Records: Banat region: Boksánbánya – Bocşa Montană (as *Prosopis brevicornis* Nyl. var. *imparilis* Först. by Zilahi, 1915); Dobrogea region: Beştepe (Danube Delta) 13.viii.1985, 1♀, Ziska leg.; Agigea, 26-27.vii.2001, 2♂, Tomozei leg. (coll. MNSB).

**38. *Hylaeus kahri* Förster 1871**

Records: Maramureş region: Girókuta-Giorocuta (Zilahi, 1915); Transylvania region: Apanagyfalunuşeni (Zilahi, 1915); Dobrogea region: Beştepe (Danube Delta), 6.viii.1985, 1♀, Ziska leg.; Comana S kraj Losu, 18.vi.1988, 1♀ (coll. Banaszak).

**39. *Hylaeus leptcephalus* (Morawitz 1870)**

Records: Maramureş region: Hadad – Hodod, 2♂, 4 ♀ (Pascu 1996); Transylvania region: Bethlen-Beclean; Vizakna-Ocna Sibiului (Zilahi, 1915); Hoghiz (Siebenbürgen), 28.vi.1981, 2♂, Dathe leg.; Moldavia region: Bacău, 30.viii.1971, 1♂; Bacău, 31.vii.1990, 4♀; Bogdan Vodă, 29.vii.1974, 1♀; Coman, 13.viii.1974, 1♂; Gherăieşti, 14.vi-27.vii.1973, 4♂; Racova, 31.v.1974, 1♀; Sascut, 25.vii.1984, 1♀; Valea Budului, 7.vii.1973, 1♂; (Tomozei, 2002); Dobrogea region: Sărăturile-Sfântul Gheorghe (Danube Delta), 12-14.viii.1971, 1♂, 4♀ (Constantinescu, 1974); Sfântul Gheorghe (Danube Delta), 14-15.viii.1951; Crişan, 17-18.viii-27.ix.1967, Caraorman, 21.vi.1967, 11-15.viii.1967, 1.vi.1968; Popina Island (Danube Delta), 9.v.1992 (Matache, 1995); Agigea, 9.vi.1966, 1♂; Crişan, 8.vi.1973, 2♂; Murighiol, 5.vi.1972, 1♀; Tuzla, 3.viii.1968, 2♀ (Tomozei, 2005); Agigea, 28.vii.2001, 1♀ (coll. MNSB).  
Flower records: *Solidago*, *Taraxacum*, *Achillea*, *Matricaria* (Tomozei, 2005).

**40. *Hylaeus lineolatus* (Schenck 1859)**

Records: Crişana region: Ineu, 13.v.1920, 2♀; Baia de Criş (Pascu, 1996); Moldavia region: Gherăieşti, 28.viii.1973, 3♂; Scorţeni, 7.vi.1973, 1♂ (Tomozei, 2002); Dobrogea region: Valul lui Traian, 7.viii.1968, 2♂, 1♀ (Tomozei, 2005).

**41. *Hylaeus meridionalis* Förster 1871**

Records: Maramureş region: Hadad-Hodod (Zilahi, 1915); Transylvania region: Tuşnad (Mocsáry, 1897); Banat region: Mehadia (Mocsáry, 1897); Dobrogea region: Beştepe (Danube Delta), 18.viii.1985, 1♀, Ziska leg.; Murighiol (Danube Delta), 18-19.vi.1981, 3♂,

3♀, Dathe leg.; Agigea, 28.vii.2001, 1♂ (coll. MNSB).

**42. *Hylaeus moricei* (Friese 1898)**

Records: Dobrogea region: Sărăturile-Sf. Gheorghe (Danube Delta), 5.viii.1971, 1♂ (Constantinescu, 1974); Chilia Veche vii.1951 (Matache, 1995); Tulcea, Lungasee (Danube Delta), 6.viii.1985, 1♂, Ziska leg.

As *Hylaeus moricei luteifrons* (Strand 1909): Moldavia region: Brătıla, 4.vii.1993, 1♂; Breazu, 3.viii.2001, 2♂ (Tomozei, 2002); Dobrogea region: Crişan, 18.viii.1967, 18.v.1968, 27.viii.1969; Caraorman, 8.x.1968 (Matache, 1995); Murighiol, 5.vi.1972, 3♂, 1♀; Histria, 3.vi.1972, 1♀; Lacul Sinoe, 2.vi.1972, 1♀ (Tomozei, 2005).

Flower records: *Daucus carota*, *Falcaria sioides* (Matache, 1995).

**43. *Hylaeus nigrinus* (Fabricius 1798)**

Records: Transylvania region: Kolozsvár-Cluj, Tövis-Teiuş, Sepsiszentgyörgy-Sfântul Gheorghe, Nagyszeben-Sibiu, Brasso-Braşov, Tuşnad (Mocsáry, 1897); Sibiu-Guşteriţa, vi-vii.1915, vii.1918, 9♂; Cîsnădie, 8-25.vii.1931; Avrig; Ocna Sibiului; Colibiţa, 6.viii.1918; Măgura Cîsnădiei, 15.vi.1926 (Pascu, 1996); Banat region: Mehadia (Mocsáry, 1897); Moldavia region: Hemeiuşi, 15.vii.1974, 1♀ (Tomozei, 2002).

Flower records: *Trifolium* (Tomozei, 2002).

**44. *Hylaeus nivalis* (Morawitz 1867)**

Records: Transylvania region: Felső-Ilosva-Tîrlişua (Zilahi, 1915).

**45. *Hylaeus pectoralis* (Förster 1871)**

Records: Dobrogea region: Crişan, 27.ix.1967; Caraorman, 9.x.1968 (Matache, 1995); Babadag, 14.vi.1973, 1♀ (Tomozei, 2005); Fortuna See (Danube Delta), 8.viii.1985, 1♂, Ziska leg.

Flower records: *Falcaria sioides* (Matache, 1995).

**46. *Hylaeus pictipes* Nylander 1852**

Records: Transylvania region: Sibiu (Henrich, 1880-1884); Sibiu, vi.1915; Sibiu, 20.ix.1925; Cîsnădie, 3.ix.1935; Guşteriţa, vi.1914; Valea Stezii, 9.vi.1930; Noul Săsesc; Cluj, 13.viii.1918 (Pascu, 1996); Crişana region: Ineu, 13.v.1920 (Pascu, 1996); Banat region: Oravica-Oraviţa, Mehadia (Mocsáry, 1897); Moldova region: Hemeiuşi, 26.vii.1979, 1♂ (Tomozei, 2002); Dobrogea region: Crişan, 8.vi.1973, 1♂; Histria, 1.vi.1972, 1♀ (Tomozei, 2005).

**47. *Hylaeus punctatus* (Brullé 1832)**

Records: Maramureş region: Hadad-Hodod (Zilahi, 1915); Transylvania region: Bethlen-Beclean (Zilahi, 1915); Moldova region: Bacău, 31.vi.1990, 11♂, 14♀; Gherăieşti, 2.vii.1992, 1♀; Sascut, 25.ix.1984, 3♀; Sărata, 4-12.viii.1986, 1♂, 5♀ (Tomozei, 2002); Dobrogea region: Cocoş Monastery (Constantinescu, 1976); Constanţa, 6.viii.1997, 1♂, Esser leg., (coll. Riemann/Bremen).

Flower records: *Solidago* (Tomozei, 2002).

**48. *Hylaeus punctulatus* Smith 1842**

Records: Transylvania region: Sibiu, 25.vi.1945, 4.vi.1951, 2♀ (Pascu, 1996); Moldavia region: Gherăieşti, 27.vii.1973, 1♀ (Tomozei, 2002); Gura Văii, 17.vi.1975, 1♂ (coll.MNSB); Dobrogea region: Sărăturile-Sfântul Gheorghe (Danube Delta) (Constantinescu, 1974); Cocoş Monastery, Greci (Constantinescu, 1976); C.A. Rosetti, 19.vii.1964; Niculiţel, 29.vi.1967; Caraorman, 20.vii.1969; Dumbrăveni Forest, 17-21.v.1994 (Matache, 1995).

**49. *Hylaeus rinki* (Gorski 1852)**

Records: Moldavia region: Brusturoasa, 20.vi.1974, 1♂ (Tomozei, 2002).

**50. *Hylaeus signatus* (Panzer 1798)**

Records: Transylvania region: Sibiu (Henrich, 1880-1884); Magyar Bagó-Băgău (as *Prosopis bipunctata* F. by Szilady, 1914); Saschiz, vii.1925, 3♀; Sibiu (Pascu, 1996); Moldavia region: Gherăieşti, 27.vii-4.viii.1973, 3♂; Hemeiuşi, 21.viii.1973, 1♂, 15.vii.1999, 2♀; Nicolae Bălcescu, 2.vi.1975, 1♂; Sărata, 4.viii.1986, 1♂ (Tomozei, 2002); Dobrogea region: Murighiol, 5.vi.1972, 5♂; Tulcea, 26.vi.2004, 3♀ (Tomozei, 2005).

As *Prosopis pratensis* Geoffr. from: Sărăturile-Sf. Gheorghe (Danube Delta), 14-15.viii.1971, 1♂, 3♀ (Constantinescu, 1974); Mangalia, 18.vii.1948; Valu lui Traian, 6.vii.1959; Hagieni, 31.vii.1965, 22.v.1993; Niculiţel, 28-29.vi.1967; Histria, 18.viii.1992; Săraturile sand bank, 30.v.1994 (Matache 1995); Murighiol (Danube Delta) 18.vi.1981, 1♂, Dathe leg.; Maramureş region: Hadad-Hodod, Transylvania region: Bethlen-Beclean, Felső-Ilosva-Tîrlişua, Vizakna-Ocna Sibiului; Banat region: Boksánbanya-Bocşa Montană (Zilahi, 1915).

Flower records: *Reseda lutea* (Tomozei, 2005).

**51. *Hylaeus sinuatus* (Schenck 1853)**

Records: Maramureş region: Hadad-Hodod (Pascu, 1996); Crişana region: Ineu 19.vi.1920 (Pascu, 1996); Transylvania region: Gusteriţa, 26.vi.1930, 2♂; Sibiu, vi.1917, 4♀ (Pascu, 1996); Hoghiz (Siebenbürgen), 28.vi.1981, 1♂, Dathe leg.; Bălan, 9.vii.1985, 3♀; Moldavia region: Bacău, 4.viii.1984, 2♀; Balcani, 28.vii.1976, 4♀; Bijghir, 6.vii.1971, 1♀; Gherăieşti, 14.vi.1975, 1♂; Ilieşi, 24.vi.2000, 6♀, 2♂; Nicolae Bălcescu, 13.vii.1973, 1♂; Parava, 29.viii.1973, 1♂; Răchitoasa, 20.vii.1972, 1♂; Racova, 31.viii.1973, 1♀; Târgu Ocna, 12.vii.1987, 1♂; Valea Budului, 7.vii.1973, 1♂ (Tomozei, 2002); Dobrogea region: Murighiol, 5.vi.1972, 1♂ (Tomozei, 2005); Letea Forest (Danube Delta) 12.viii.1985, 2♂, Ziska leg.; Murighiol (Danube Delta), 18-19.vi.1981, 1♂, 2♀, Dathe leg.

Flower records: *Euphorbia*, *Petroselinum*, *Trifolium*, *Matricaria*, *Chrysanthemum* (Tomozei, 2002).

**52. *Hylaeus styriacus* Förster 1871**

Records: Maramureş region: Hadad-Hodod (Zilahi, 1915); Transylvania region: Retezat Mountains-Râul Morii; Haţeg; Mocrea, 18.vi.1920 (Pascu, 1996); Felső-Ilosva-Tîrlişua (Zilahi, 1915); Hoghiz (Siebenbürgen) 28.vi.1981, 1♂, Dathe leg.; Crişana region: Ineu, 30.v.1920, 1♀ (Pascu, 1996); Banat region: Boksánbanya-Bocşa Montană (Zilahi, 1915); Moldavia region: Bacău, 4.viii.1984, 1♂, 1♀; Ilieşi, 24.vi.2000, 1♀; Racova, 31.viii.1973, 1♀; Sărata, 12.viii.1986, 1♀; Şerbăneşti, 13.viii.1973, 2♀ (Tomozei, 2002); Mărgineni, 7.vii.1975, 1♂; Sascut, 22.vii.1982, 1♀ (coll. MNSB).

Flower records: *Petroselinum*, *Daucus* (Tomozei, 2002).

**53. *Hylaeus trinotatus* (Peréz 1895)**

Records: Dobrogea region: Caraorman, 12.viii.1967, 3.ix.1968, 4-9.x.1968; Crişan, 27.ix.1967, 17.vii.1969 (Matache, 1995); Murighiol (Danube Delta), 22.viii.1985, 1♂, Ziska leg.; Tulcea (Danube Delta), 6.viii.1985, 2♂, Ziska leg.

**54. *Hylaeus tyrolensis* Förster 1871**

Records: Transylvania region: Hátszeg-Haţeg, Szucságh-Suceag; Banat region: Mehadia (Móczár, 1960).

**55. *Hylaeus variegatus* (Fabricius 1798)**

Records: Transylvania region: Nagyszeben-Sibiu, Tuşnad (Henrich, 1880-1884, Mocsáry, 1897); Sibiu-Guşteriţa, 8.ix.1946, vii.1947; Ocna Sibiului; Sighişoara, 24.viii.1957; Valea-Lungă, 4-25.vii.1933; Cehul Silvaniei, 14-20.vii.1920; Zăul de Câmpie, 23.vii.1924; Romula, 7.ix.1924 (Pascu, 1996); Tövis-Teiuş, Nyirmezó-Poiana Aiudului, Nagyoklos-Ocolişul Mare (Szilady, 1914); Câmpina, 31.vii.1980, 1♂, Sedlag leg.; Siebenbürgen, 1870, 1♀, Aurivillius leg. (coll. RM Stockholm); Banat region: Mehadia, Reşicza-Reşiţa (Mocsáry, 1897); Mehadia (Móczár & Henter, 1906); Dobrogea region: Sărăturile-Sfântu Gheorghe (Danube Delta), 11-16.viii.1971, 12♂, 20♀ (Constantinescu, 1974); Cocoş Monastery, Celic, Niculiţel (Constantinescu 1976); Techirghiol, 29.viii.1954; Babadag, 29.vi.1956; Valu lui Traian, 15.vii.1958, 7.vii.1959; Hagieni Forest, 12.vii.1964, 31.viii.1964; Agigea, 23.v.1964, 2.viii.1992; Hagieni Forest, 8-14.vii.1992; Beştepe, 13-14.vi.1993 (Matache, 1995); Techirghiol, vi.1933 (Pascu, 1996); Murighiol, 5.vi.1972, 1♂; Agigea, 28.vii.2001, 1♀, 2♂ (Tomozei, 2005); Agigea, 27.vii.2001, 1♂, Tomozei leg. (coll. MNSB); Moldavia region: Bacău, 31.vii.1990, 1♂; Podu Turcului, 5.viii.2001, 1♂; Răchitoasa, 20.vii.1972, 1♀ (Tomozei, 2002); Pietricica, 8.viii.2004, 1♀; Parava, 29.viii.1975, 1♂ (coll. MNSB). Flower records: *Solidago*, *Eryngium* (Tomozei, 2002).

**4. DISCUSSION**

The present list contains 55 species from the family Colletidae found until now in Romania, 19 species of *Colletes* and 36 species of *Hylaeus*. The *Colletes* species represent 9,2 % of the Palaeactic fauna of this genus, which includes 205 species (Kuhlmann, pers. comm.).

*Colletes maidli* Nosk. is for the first time recorded from Romania.

*Hylaeus nivalis* Mor. is currently known from France, Austria, Swiss and Italy (Dathe, 2000) and the record of this species in Romania (Zilahi, 1915) is possible to be the result of a misidentification. Still, the specimen is not found in any Romanian collection and was not possible to be verified.

Because of Romanian position at the confluence between pannonic, continental, alpine, steppe and pontic (around the Black Sea) biogeographical

regions (EEA, 2001) fauna include species with various origins and distribution. Thus the Romanian bee fauna must presumably be rich and divers and the presence of more Colletidae bees cannot be excluded mostly from the south and south east of Romania.

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**Table 1:** Gazetteer of bees collecting localities from Romania

Romanian name	Hungarian name	Coordinates	Romanian name	Hungarian name	Coordinates
Agapia		47°10'N 26°16'E	Brașov	Brasso, Kronstadt (German)	45°37'N 25°34'E
Agigea		44°04'N 28°37'E	Brătîla		46°19'N 26°46'E
Agnita		45°58'N 24°37'E	Breazu		46°19'N 26°46'E
Avrig		45°43'N 24°22'E	Brusturoasa		46°31'N 26°11'E
Babadag		44°53'N 28°43'E	Bucharest		44°25'N 26°6'E
Bacău		46°34'N 26°53'E	C.A. Rosetti		44°13'N 27°25'E
Baia de Criș		46°10'N 22°43'E	Câmpeni	Topánfalva	46°22'N 23°03'E
Balcani		46°37'N 26°33'E	Câmpina		45°07'N 25° 43'E
Baziaș	Báziás	44°48'N 21°23'E	Câmpulung		47°31'N 25°34'E
Băgău	Magyar Bagó	46°17'N 23°48'E	Caracal		44°07'N 24°21'E
Băile Herculane	Herkulesfürdőről	44°52'N 22°24'E	Caraorman		45°04'N 29°23'E
Bălan	Balánbánya	46°38'N 25°49'E	Cehu Silvaniei		47°25'N 23°10'E
Bălăneasa		46°22'N 26°43'E	Celic		44°23'N 28°33'E
Beclean	Bethlen	47°10'N 24°10'E	Cernegura		46°55'N 26°30'E
Berzasca	Berzászka	44°41'N 21°57'E	Chilia Veche		45°25'N 29°16'E
Beștepe		45°04'N 29°01'E	Cisnădie		45°43'N 24°08'E
Bijghir		46°34'N 27°01'E	Ciuguzel	Fugad	46°16'N 23°51'E
Bisericani		46°55'N 26°16'E	Cluj	Kolozsvár	46°46'N 23°36'E
Bocșa Montană	Boksanbanya	45°22'N 21°46'E			
Bogdan Vodă		46°37'N 26°55'E			

Romanian name	Hungarian name	Coordinates	Romanian name	Hungarian name	Coordinates
Cocoş Monastery		45°12'N 28°25'E	Periprava – Letea Forest		45°23'N 29°31'E
Colibița		47°10'N 24°55'E	Piatra Neamț		46° 55'N 26°19'E
Coman		46°28'N 26°46'E	Pietricica Mountain		46°55'N 26°22'E
Comarnic		45°15'N 25°37'E	Pir	Peér	47°28'N 22°22'E
Comorova Forest		43°52'N 28°35'E	Podu Turcului		46°12'N 27°22'E
Constanța		44°10'N 28°38'E	Poiana Aiudului	Nyirmező	46°22'N 23°36'E
Craiova		44°19'N 23°48'E	Poina Sărată		46°08'N 26°26'E
Crișan	Cibinului Valey	45°37'N 25°28'E	Poiana Stâni		45°22'N 25°31'E
Dealul Morii		46°19'N 27°13'E	Ponoare		47°44'N 26°41'E
Dospinești		46°34'N 26°58'E	Insula Popina		44°58'N 28°58'E
Dumbrăveni	Erzsébetváros	43°55'N 27°58'E	Racova		46°42'N 26°45'E
Dumbrăveni forest		43°55'N 27°58'E	Râul de Mori		45°28'N 22°51'E
Durău		47°02'N 25°57'E	Răchitoasa		46°25'N 27°22'E
Eforie Sud (=Carmen Sylva)		44°02'N 28°37'E	Reșița	Resicza	45°18'N 21°53'E
Frumoasa		46°38'N 26°31'E	Roman		46°55'N 26°55'E
Gherăiești		46°34'N 26°53'E	Romula		45°08'N 28°55'E
Giorocuta	Girókuta	47°25'N 22°48'E	Runc	Runk	46°53'N 25°25'E
Gorgova		45°9'N 29°11'E	Sacamas		45°55'N 22° 40'E
Greci		45°10'N 28°13'E	Saschiz		46°11'N 24°58'E
Gura Văii		46°19'N 26° 43'E	Sascut		46°12'N 27°06'E
Gușterița		45°49'N 24°10'E	Sănduleni		46°27'N 26°43'E
Hăgieni Forest		43°47'N 28°27'E	Sărata		46°30'N 26°49'E
Hațeg	Hátszeg	45°37'N 22°56'E	Sărăturile – Sfântu Gheorghe		44°52'N 29°36'E
Hemeiuș		46°37'N 26°51'E	Sboina		45°44'N 26°33'E
Histria		44°34'N 28°43'E	Scorțeni		46°32'N 26°38'E
Hodod	Hadad	47°23'N 23°01'E	Ser	Széer	47°22'N 22°58'E
Hoghiz		45°58'N 25° 18'	Sfântul Gheorghe	Sepsiszentgyörgy	45°52'N 25°46'E
Hosman		45°49'N 24°25'E	Sibiu		45°47'N 24°08'E
Ilieși		46°42'N 26°48'E	Sighișoara		46°13'N 24°48'E
Ineu	Borosjenő	46°25'N 21°51'E	Sinaia		45°21'N 25°33'E
Izvorul Alb		46°58'N 26°4'E	Sînmartin	Csikszentmárton	46°16'N 25°55'E
Lacul Bicaz		47°01'N 26°03'E	Slănic Moldova		46°12'N 26°25'E
Lacul Sinoe		44°37'N 28°43'E	Șerbănești		46°34'N 26° 55'E
Lepșa		45°57'N 26°34'E	Slimnic – Zackel Hill		45°55'N 24°10'E
Letea Forest		46°23'N 26°43'E	Slobozia		46°16'N 26°46'E
Livezi		43°47'N 28°34'E	Suceag	Szucságh	46°46'N 23°28'E
Mangalia		45°71'N 24°15'E	Șimișna	Semesnye	47°13'N 23°37'E
Măgura Cislădie		46°32'N 26°49'E	Tamaș		46°28'N 26°58'E
Măgura		46°36'N 26°53'E	Târgu Ocna		46°16'N 26°37'E
Mărgineni		44°54'N 22°22'E	Târgul Mureș		46°32'N 24°34'E
Mehadia		46°22'N 23°43'E	Tășnad	Tasnád	47°28'N 22°35'E
Mirăslău		46°22'N 21°49'E	Techirghiol		44°02'N 28°36'E
Mocrea		45°01'N 29°10'E	Teiuș	Tövis	46°12'N 23°41'E
Murighiol		46°28'N 26°55'E	Tîrlișua	Felső-Ilosva	47°22'N 24°10'E
Nicolae Bălcescu		45°10'N 28°28'E	Tîrnăveni	Dicsőszentmárton	46°19'N 24°16'E
Niculițel		46°07'N 24°36'E	Trebiș		46°36'N 26°49'E
Noul Săsesc		47°06'N 24°11'E	Tudora		47° 31'N 26°37'E
Nuseni Apata	Apanagyfalu	45°52'N 24°03'E	Tulcea		45°10'N 28°48'E
Ocna Sibiului	Vizakna	45°40'N 22°56'E	Turcoaia		45°07'N 28°10'E
Ocolisul Mare	Nagyoklos	46° 47'N 26°52'E	Turda	Torda	46°34'N 23°46'E
Onișcani		47°04'N 21°55'E	Turnișor		45°46'N 24°07'E
Oradea	Nagyvárad	45°01'N 21°41'E	Turnu Roșu		45°38'N 24°18'E
Oravița	Oravicza	46°17'N 27°00'E	Turnu Severin		44°37'N 22° 39'E
Parava		46°13'N 27°15'E			

Romanian name	Hungarian name	Coordinates	Romanian name	Hungarian name	Coordinates
Tușnad		46°08'N 25°51'E	Valea Sadului		45°65'N 24°13'E
Tuzla		44°00'N 28°37'E	Valea Uzului		46°16'N 25°52'E
Urechești		46°07'N 27°04'E	Valul Traian		44°10'N 28°28'E
Vadu Crișului	Zichybarlang	46°58'N 22°31'E	Vânători Neamț		47°12'N 26°19'E
Valea Budului		46°36'N 26°49'E	Zăul de Câmpie		46°36'N 24°07'E
Valea-Lungă		45°45'N 21° 56'E			