

**CONTRIBUTIONS TO THE KNOWLEDGE OF THE
COCCINELLIDAE AND CERAMBYCIDAE (COLEOPTERA)
IN THE IGNIȘ PLATEAU, SĂPÂNȚA RIVER BASIN,
MARAMUREȘ (ROMANIA)**

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On présente les données concernant la distribution des espèces de coléoptères Coccinellidae et Cerambycidae dans le bassin de la rivière Săpânța, Maramureș.

In 1995 the “Grigore Antipa” National Museum of Natural History began the study of Maramureș fauna (Northern Romania).

Two expeditions were organized in 1995: July 1 - 15 and September 6 - 16, on the Iza valley and Rodnei Mountains. In a previous paper (Serafim, 1997) a synthesis of the data concerning the distribution of Coccinellidae and Cerambycidae (Coleoptera) in Maramureș Depression and Rodnei Mountains was presented.

In this note I come with new data about these families, based on the material collected during the 1996 campaigns (May 12 - 24 and July 3 - 17) in Igniș plateau, in the Săpânța river basin (Fig. 1), at an altitude between 800 m (Colibi) and 1100 m (Tăul lui Dumitru peat bog). The vegetable floor consists mainly of beech, but spruce fir has optimum conditions in the valleys with deficiency in the atmospheric circulation (occurring in Colibi valley). Most of the Igniș plateau was deforested, the land being now used as pastures. In the Igniș plateau there are many swamps (e.g. the oligotrophic one Tăul lui Dumitru). Data concerning the coleopteran fauna of the Igniș plateau have not been published. 344 specimens (111 specimens of Coccinellidae and 233 specimens of Cerambycidae) were available.

Abbreviations

Names of the collectors: H.C. - Hoinic Cristina; M.I. - Matache Ioana; P.C. - Pârnu C.; S.A. - Stănescu Aurora; S.M. - Stănescu M.; S.N. - Săvulescu N. Other abbreviations: f.h. - forestry house; spec. - specimen/s; Mts - mountains; * species recorded for the first time from the Maramureș.

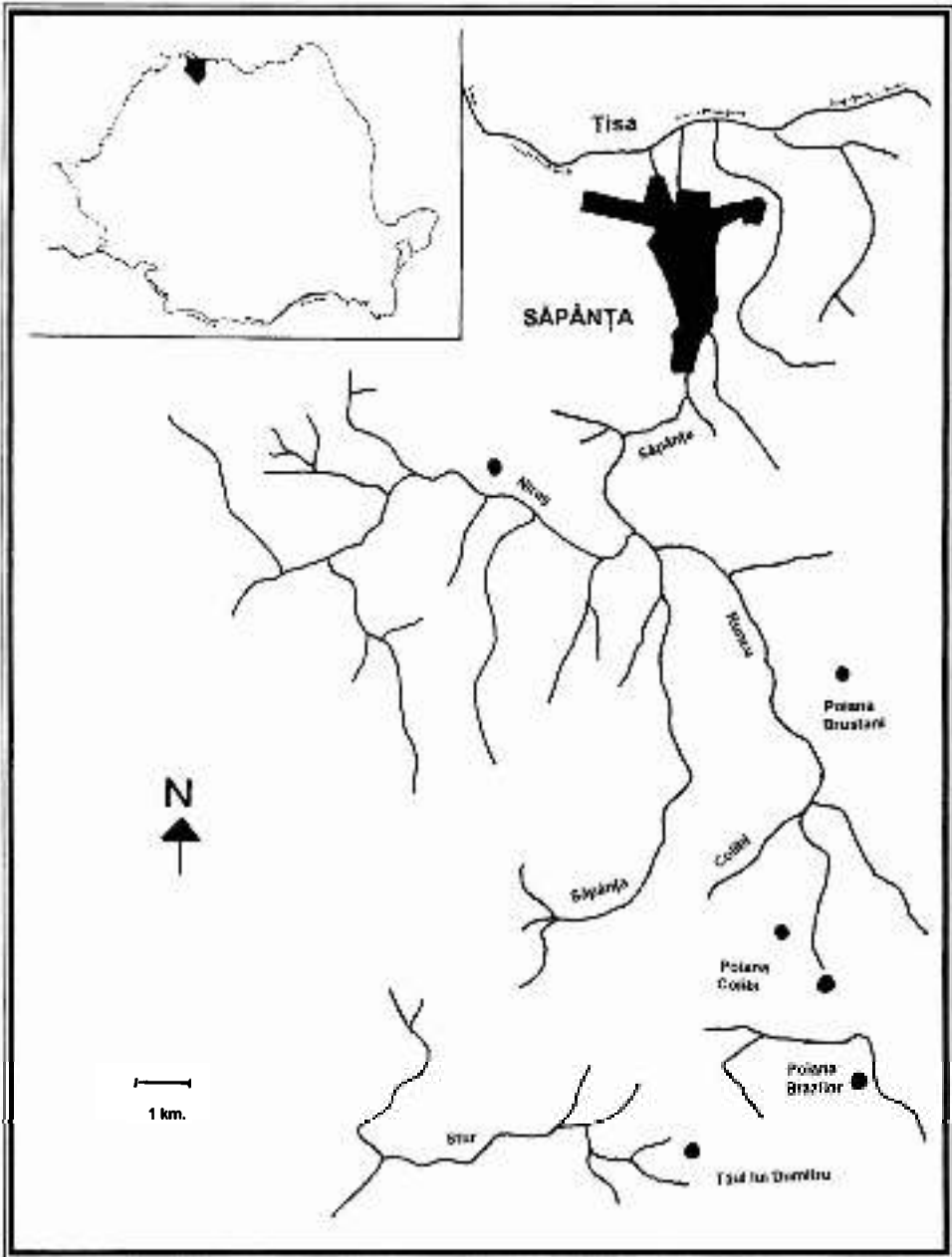


Fig. 1 - The map of the collecting stations in the Igiș Plateau, Săpânța river basin, Maramureș

RESULTS

10 species of Coccinellidae and 16 species of Cerambycidae are now recorded from the Săpânța river basin.

Semiadalia undecimnotata (Schneider), *Calvia quatuordecimguttata* (Linnaeus) (Coccinellidae) and *Carilia excellens* (Brancsik), *Grammoptera ustulata* (Schaller), *Pogonocherus hispidulus* (Piller) (Cerambycidae) are recorded for the first time from Maramureș district. *Carilia excellens* is a Carpathian endemic species.

Fam. COCCINELLIDAE

**Semiadalia undecimnotata* (Schneider)

Distribution: Central and Southern Europe, Asia Minor, Caucasus. In Romania common species every where.

1 spec. Bârsana 5.VII.1995 M.I.(in Maramureș Depression); 4 spec. Săpânța, f.h. Brustani 6 - 13.VII.1996 P.C.,H.C.;1 spec. Săpânța, f. h. Nireș 12.VII.1996 P.C.

Semiadalia notata (Laicharting).

Distribution: Europe, Asia Minor, Caucasus. In Romania only in mountainous zone.

1 spec. National Park "Pietrosul Rodnei" (Laboratory house, 1370 m) 12.IX.1996 P.C.; 2 spec. Săpânța, f. h. Colibi 12.VII.1996 M.I., S.A.

Adalia bipunctata (Linnaeus)

Distribution: holarctic species. In Romania very common.

51 spec. Săpânța, f. h. Colibi 6 - 12.VII.1996 M.I., P.C., S.A., H.C.

Coccinella septempunctata Linnaeus

Distribution: palearctic species, common, found in all investigated habitats.

1 spec. Tăul lui Dumitru peat bog 15.V.1996 S.M.; 6 spec. Săpânța, f.h. Brustani 2 - 8.VII.1996 M.I., P.C.,S.M.;4 spec. Săpânța, f. h. Nireș 10 - 12.VII.1996 S.A., S.M., P.C.;2 spec. Săpânța valley 13.VII.1996 S.M.; 1 spec. Săpânța, f. h. Colibi 14.VII.1996 M.I

Adalia decempunctata (Linnaeus)

Distribution: palearctic species. In Romania common.

2 spec. Săpânța, f. h. Colibi 6 - 11.VII.1996 M.I., P.C.

* *Calvia quatuordecimguttata* (Linnaeus)

Distribution: palearctic species. In Romania common.
4 spec. Săpânda, f.h. Colibi 9 - 11.VII.1996 P.C., S.A.

Propylaea quatuordecimpunctata Linnaeus

Distribution: palearctic species, common. In Romania frequent.
6 spec. Săpânda, f. h. Brustani 2 - 13.VII.1996 P.C., M.I., S.A., H.C.;
1 spec. Săpânda, f. h. Colibi 9.VII.1996 H.C.; 2 spec. Săpânda, f. h. Nireş
10 - 12.VII.1996 S.A.

Anatis ocellata Linnaeus

Distribution: holarctic species. In Romania especially in hilly and
mountainous zones.

10 spec. Săpânda, f. h. Colibi 17 - 19.V. S.M., 6 - 12.VII.1996 M.I.,
P.C.; 1 spec. Săpânda, f. h. Nireş 10.VII.1996 S.A.

Halyzia sedecimguttata (Linnaeus)

Distribution: Europe, Asia Minor, Caucasus to Siberia. In Romania a
common species.

2 spec.. Săpânda, f. h. Colibi 19.V. S.M., 7.VII.1996 S.M.; 2 spec.
Săpânda, f. h. Brustani 8.VII.1996 S.M.

Fam. CERAMBYCIDAE

Prionus coriarius (Linnaeus)

Distribution: Europe, Northern Africa, Asia Minor, Syria, Iran,
Caucasus, Siberia. In Romania a common species found till the
mountainous zone. The larvae live in the trunks of deciduous trees but also
in coniferous ones. The adults are on the host - trees trunks.

1 spec. Săpânda, Colibi f.h. (880 m) 19.V.1996 S.M.

Rhagium inquisitor (Linnaeus)

Distribution: holarctic species. In Romania common, in mountainous
zone. The larvae in coniferous trees.

3 spec. Săpânda, Colibi f. h. 17.V.1996 S.M.

Oxymirus cursor (Linnaeus)

Distribution: Northern and Central Europe. In Romania common species, especially in mountains, in coniferous forests, larvae live in coniferous trees.

1 spec. Săpâța, Colibi f. h. 12.VII.1996 P.C.

Pachyta quadrimaculata (Linnaeus)

Distribution: Europe, Siberia, Mongolia. In Romania common, especially in mountains, in beech and coniferous forests, where the larvae live in unhealthy trees or chumps.

1 spec. Săpâța, Colibi f. h. 13.VII.1996 M.I.

Carilia virginea (Linnaeus)

Distribution: Northern Europe at East till the Ural, in mountain massifs: Alps, Pyreneans, Apennines, in the Balkanic Peninsula. In Romania common in mountainous zone. Larva in coniferous trees.

40 spec. Săpâța, Colibi f. h. 5 - 14.VII.1996 M.I., P.C., S.A., H.C.

** Carilia excellens* (Bransik)

Distribution: Carpathian Mts (Slovakia, Poland, Ukraine). In Romania it was recorded only from Cibin Mts (Petri, 1925 - 1926) and Retezat Mts, Gura Apei, Râul Mare valley 1 sp. 15.VI.1956 S.N. (in the collections of the "Grigore Antipa" National Museum of Natural History, București; Panin, Săvulescu, 1961). (Fig. 2)

1 spec. Săpâța, Colibi f. h. 5.VII.1996 M.I.

Pidonia lurida (Fabricius).

Distribution: Central and Southern Europe. A common mountainous species in Romania, larvae live in fir trees from mountainous and subalpine zones.

1 spec. Săpâța, Brustani f. h. 2.VII.1996 P.C., 1 spec. Săpâța, Poiana Brazilor 7.VII.1996 P.C., 1 spec. Săpâța, Colibi f. h. 11.VII.1996 M.I.

** Grammoptera ustulata* (Schaller)

Distribution: Europe, South-Western Ukraine, Transcaucasus. In Romania it was recorded from Brașov, Căsnădie, Sighișoara, Măgura Mt.



Fig.2 - *Carilia excellens*
(Brancsik)

(Petri, 1925 - 1926), Gușterița, Băile Herculane (Panin, Săvulescu, 1961). Larvae in dead branches of oak, lime, chestnut trees.

2 spec. Săcel, Izvorul Albastru al Izei 6.VII.1995 P.C.; 1 spec. Călinești, Văleni, Valea Săcăturii, "Feredeaua" 7.VII. 1995 P.C. (Maramureș Depression).

Corymbia rubra Linnaeus

Distribution: Europe, Siberia, Algeria. A common species in mountainous and subalpine floors of Romania. The larvae live in coniferous trees, sometimes also in telegraph pillars.

5 spec. Săpânța, Colibi f. h. 9 - 13.VII.1996 P.C., H.C., M.I.

Corymbia sanguinolenta Linnaeus

Distribution: Europe, Siberia, Transcaucasus. In Romania especially in mountainous floor, larva lives in coniferous trees.

1 spec. Săpânța, Brustani f.h. 2.VII.1996 M.I.; 13 spec. Săpânța, Colibi f.h. 5 - 15.VII.1996 P.C., M.I., S.A.

Pseudoallosterna livida pecta K. & J. Daniel

Distribution: Southern and South - Eastern European Russia, Siberia, Caucasus, Northern Iran, North - Eastern Turkey, Asia Minor, Syria. In Romania common species everywhere, it lives in oaks and other deciduous trees.

46 spec. Săpâța, Colibi f.h. 5 - 13.VII.1996 M.I., P.C., S.A., H.C.

Judolia cerambyciformis (Schrank)

Distribution: Europe, Transcaucasus. In Romania common species, found especially in beech and coniferous forests or in the steppes with bushes. Larvae live in deciduous trees.

1 spec. Săpâța, Brustani f.h. 6.VII. 1996 H.C., 1 spec. Săpâța, Colibi f.h. 9.VII.1996 P.C., 1 spec. Săpâța, Nireș f.h. 10.VII.1996 S.A., 1 spec. Săpâța valley 13.VII.1996 S.M.

Leptura maculata Poda

Distribution: Southern, Central and Eastern Europe, Siberia, Asia Minor, Northern Iran, North-Eastern Turkey, Caucasus and Transcaucasus. In Romania common species found also in oak forests, but especially in beech and coniferous forests till the subalpine floor. Larvae live in deciduous and coniferous trees.

7 spec. Săpâța, Brustani f.h. 2.VII.1996 P.C., M.I., 1 spec. Săpâța, Poiana Brazilor 7.VII.1996 P.C., 8 spec. Săpâța, Colibi f.h. 9 - 12.VII.1996 M.I., S.A., H.C., 1 spec. Săpâța valley 13.VII.1996 S.M.

Stenurella melanura (Linnaeus)

Distribution: Europe, Caucasus, Transcaucasus, Siberia, Northern Mongolia. In Romania common species found from the woodedsteppe till the mountains, it lives as well in deciduous as in coniferous trees.

30 spec. Săpâța, Brustani f.h. 2 - 13.VII.1996 M.I., P.C., H.C., 56 spec. Săpâța, Colibi f.h. 5 - 13.VII.1996 M.I., P.C., H.C., S.A., 1 spec. Săpâța valley 12.VII.1996 S.M., 8 spec. Săpâța, Nireș f.h. 12.VII.1996 P.C.

Strangalia attenuata Linnaeus

Distribution: palearctic species. In Romania common species, frequent, spread from the woodedsteppe till mountainous zone. Larvae live in deciduous trees.

1 spec. Săpânța, Nireș f.h. 10.VII.1996 S.A., 1 spec. Săpânța, Colibi f.h. 13.VII.1996 P.C.

* *Pogonocherus hispidulus* (Piller)

Distribution: Europe, Caucasus, Transcaucasus, Madeira. In Romania in oak and beech forests, as well in coniferous forests. Larvae in dead branches.

1 spec. Tăul lui Dumitru swamp 7.VII.1996

CONTRIBUȚII LA CUNOAȘTEREA COCCINELLIDAE-LOR
ȘI CERAMBYCIDAE-LOR (COLEOPTERA) DIN PLATOUL IGNIȘ,
BAZINUL RÂULUI SĂPÂNȚA, MARAMUREȘ (ROMÂNIA)

REZUMAT

În lucrare prezentăm date asupra coleopterelor Coccinellidae și Cerambycidae colectate pe platoul Igniș, în bazinul râului Săpânța în cursul campaniilor organizate de Muzeul Național de Istorie Naturală "Grigore Antipa", în 1996, în Maramureș

10 specii de Coccinellidae și 16 specii de Cerambycidae sunt semnalate pentru prima dată din această zonă.

Speciile *Semiadalia undecimnotata* (Schneider), *Calvia quatuordecimguttata* (Linnaeus), (Coccinellidae) și *Carilia excellens* (Brancsik), *Grammoptera ustulata* (Schaller), *Pogonocherus hispidulus* (Piller) (Cerambycidae) nu au mai fost menționate din Maramureș.

Carilia excellens este un endemism carpatic.

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