

COLLECTING SITES OF THE HUNGARIAN NATURAL HISTORY MUSEUM IN SĂLAJ, ROMANIA, IN 2014 AND 2015

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ABSTRACT: Within the framework of the joint research program of the Vasile Goldiș Western University of Arad and the Hungarian Natural History Museum entitled "Invertebrate Faunistical investigation of the Sălaj County" staff members of the Department of Zoology had a chance to collect at various localities in Sălaj during a total of 11 trips in 2014 and 2015. The collecting events are listed in chronological order. For comparability with previous records, we also give the Hungarian names in parentheses after the Romanian names. The localities visited by respective trips are shown on the map of Sălaj County.

Keywords: Sălaj County, collecting sites, collecting events

INTRODUCTION:

Sălaj County, situated in the NW part of Romania, was faunistically most poorly investigated region of Transylvania until very recently. The research program of the Vasile Goldiș Western University of Arad entitled "Invertebrate Faunistical investigation of Sălaj County" was conducted by the Department of Zoology of HNHM in 2014 and 2015 and covered the following landscapes: Meseș Mountains, Plopiș Mountains, Crasna Hills, Sălaj Hills, Sylvania Depression, Almaș–Agrij Depression. It also included different types of water bodies belonging to Someș, Crasna and Barcău rivers and their tributaries (Agrij, Almaș, Sălaj and Zalău) and Vârșoț Reservoir as well, and some ponds situated in the surroundings of Clit, Dersida, Racas, Tusa as also abandoned farmland and orchards. Habitats were characterized as beech or oak forests, wet or mezoxerophile pastures, open grasslands, dry, wet or marshy meadows, reed beds, springs and rocky soil.

MATERIALS AND METHODS:

This article provides chronological summary of all the collecting events by the staff members of the Department of Zoology (HNHM). For the comparability with previous records, we also give the Hungarian names in parentheses after the Romanian names. The collecting event numbers listed hereby help the unified handling of data in the resulting scientific contributions about the invertebrates.

RESULTS AND DISCUSSIONS:

The localities visited by respective trips are shown on the map of Sălaj County (Figs 1–2). The collecting events by collecting trips in chronological order are as follows:

22–25.04.2014 (leg. Forró L, Gubányi A, Katona G, Kutasi Cs)

1: Dealurile Crasnei (Krasznamenti-dombság), 1.5km NNW of Cehei (Somlyócsehi), Balta Cehei, 22.04.2014, N47.26897° E22.75423°; treading mud, plancton sample, singled.

2: Dealurile Boiului (Szamoszug), Vălișoara (Dióspatak), scree, 22.04.2014, N47.39106° E23.40779°; visual observation.

3: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), puddle, 23.04.2014, N47.00755° E22.94665°; treading mud, plancton sample, singled.

4: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), beech forest, 23.04.2014, N46.9942° E22.92844°; plancton sample: 1 tyre track, 2 stream singled.

5: Munții Meseșului (Meszes-hegység), 1.5 km SW of Huta (Csákyújfalu), beech forest, 23.04.2014, N46.99394° E22.92883°; pitfall traps.

6: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, tyre track, marshy meadow, 23.04.2014, N46.98433° E22.92079°; treading mud, plancton sample, singled.

7: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, tyre track, 23.04.2014, N46.98345° E22.91933°; plancton sample.

8: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, tyre track, 23.04.2014, N46.97255° E22.94902°; treading mud, plancton sample.

9: Munții Meseșului (Meszes-hegység), between Poic, Satul Hurez, and Mesteacănu (Almásnyíres), orchard, 23.04.2014, N46.96877° E22.95644°; singled.

10: Depresiunea Almaș–Agrij (Almás–Egregy-medence), Sfăraș (Farnas), open and closed swards on gypsum, 23.04.2014, N46.89728° E23.09911°; sweeping, singled.

11: Depresiunea Almaș–Agrij (Almás–Egregy-medence), between Hida (Hidalmás) and Racas (Almásrákos), fish pond at Jernau Stream, 23.04.2014, N47.09819° E23.23988°; treading mud, plancton sample.

12: Dealurile Crasnei (Krasznamenti-dombság), Vârșoț (Varsolc), near Vârșoț Reservoir, 23.04.2014, N47.17822° E22.89021°; treading mud, plancton sample, singled, trapping small mammals for parasitological investigation.

13: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), Vârșoț (Varsolc) Reservoir, willows, 23.04.2014, N47.17847° E22.88972°; pitfall traps.

14: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 1, marsh, 24.04.2014, N47.11065° E22.66125°; treading mud, plancton sample.

15: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 2, marsh, 24.04.2014, N47.11082° E22.65911°; singled.

16: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 3, oak forest, orchard-oak ecotone, pastures, 24.04.2014, N47.11075° E22.66208°; pitfall traps.

17: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Barcău (Berettyó) springs, 24.04.2014, N47.02001° E22.75373°; visual observation, butterfly collecting.

18: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Barcău (Berettyó) springs, 24.04.2014, N47.02035° E22.74876°; treading mud, plancton sample, singled.

19: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), plateau, above Barcău (Berettyó) springs, swards, 24.04.2014, N47.01991° E22.75491°, 654 m; from beneath stones.

20: Dealurile Sălajului (Szilágymenti-dombság), Aluniș (Szamoszépplak), oak forest, 24.04.2014, N47.37114° E23.26748°; singled.

21: Dealurile Sălajului (Szilágymenti-dombság), Aluniș (Szamoszépplak), oak forest, 24.04.2014, N47.37144° E23.26758°; pitfall traps.

22: Dealurile Crasnei (Krasznamenti-dombság), Vârșolț (Varsolc), near Vârșolț Reservoir, 24.04.2014, N47.17822° E22.89021°; trapping small mammals for parasitological investigation, butterfly collecting.

23: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), dry swards, 25.04.2014, N47.15716° E22.99252°; pitfall traps, singled.

24: Dealurile Crasnei (Krasznamenti-dombság), Vârșolț (Varsolc), near Vârșolț Reservoir, 25.04.2014, N47.17822° E22.89021°; treading mud, trapping small mammals for parasitological investigation.

25: Măgura Șimleului (Szilágysomlyó-Magura), Șimleu Silvaniei (Szilágysomlyó), 25.04.2014, N47.23878° E22.785203°; singled.

26: Dealurile Crasnei (Krasznamenti-dombság), 1.5km NNW of Cehei (Somlyócsehi), Balta Cehei, 25.04.2014, N47.26897° E22.75423°; treading mud.

19–24.05.2014 (leg. Bálint Zs, Gubányi A, Katona G, Kutasi Cs)

27: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 1, marsh, 19-21.05.2014, N47.11065° E22.66125°; treading mud, sifting, sweeping, plancton sample, trapping small mammals for parasitological investigation, butterfly collecting.

28: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 2, puddle, pastures, 19.05.2014, N47.11088° E22.6589°; treading mud, sweeping, plancton sample, trapping small mammals, singling with butterfly net.

29: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 2, streamside, 20-21.05.2014, N47.11019° E22.66388°, from beneath stones, light trap.

30: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 3, oak forest, orchard-oak ecotone, pastures, 20.05.2014, N47.11075° E22.66208°; pitfall traps, sifting, singling with butterfly net.

31: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz 3, oak forest, 20.05.2014, N47.11008° E22.66252°; bottle traps baited with wine and banana.

32: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), dry swards, 20.05.2014, N47.15716° E22.99252°; pitfall traps, sweeping, singling with butterfly net, light trap.

33: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), drained mire, 20.05.2014, N47.153408° E22.986719°; singling with butterfly net.

34: Dealurile Crasnei (Krasznamenti-dombság), Vârșolț (Varsolc), near Vârșolț Reservoir, willows, reed bed, 20.05.2014, N47.17847° E22.88972°; pitfall traps, sweeping, treading mud, trapping small mammals, singling with butterfly net.

35: Dealurile Crasnei (Krasznamenti-dombság), Vârșolț (Varsolc), near Vârșolț Reservoir, willows, reed bed, gravely hill, 21.05.2014, N47.17847° E22.88972°; treading mud, beneath stones, trapping small mammals for parasitological investigation.

36: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), clearing, alder grove at stream, wet meadow, 21-23.05.2014, N46.99677° E22.93072°; pitfall traps baited with vinegar, sweeping, beneath stones, sifting, trapping small mammals for parasitological investigation, butterfly collecting.

37: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), wet meadow, clearing in beech forest, Calluna heath, 21-22.05.2014, N46.99569° E22.92313°; sweeping, light trap.

38: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), beech forest, 21-23.05.2014, N46.99394° E22.92883°; from beneath stones, sifting, pitfall traps, trapping small mammals for parasitological investigation, singling with butterfly net.

39: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Sfăraș (Farnas), open and closed swards on gypsum, 21.05.2014, N46.89728° E23.09911°; sweeping, singling with butterfly net, from beneath stones.

40: Munții Meseșului (Meszes-hegység), Pria (Perje), Vârful Măgura Priei, clearing in beech forest, alpine pasture, 22.05.2014, N47.010708° E22.897091°; singling with butterfly net.

41: Dealurile Huedinului (Kalotaszegi-dombság), Jebucu (Zsobok), open and closed swards on gypsum, 22.05.2014, N46.891507° E23.108121°; singling with butterfly net.

42: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), dry swards, 22-23.05.2014, N47.15716° E22.99252°; light trap.

43: Munții Meseșului (Meszes-hegység), Buciumi (Vármező), pastures, 23.05.2014, N47.057616° E23.018456°; singling with butterfly net.

44: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Gălășeni (Tóttelke), closed rock swards on limestone, 23.05.2014, N46.903119° E23.189231°; singling with butterfly net.

45: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, alder grove, wet meadow, 22.05.2014, N46.97925° E22.92752°; treading mud, sifting,

sweeping, trapping small mammals for parasitological investigation, singling with butterfly net.

46: Depresiunea Almaş–Agrij (Almás–Egrefmedence), Almaşu (Váralmás), stony streamside, 22.05.2014, N46.95477° E23.05394°; from beneath stones.

47: Dealurile Sălajului (Szilágymenti-dombság), Aluniş (Szamosszéplak), oak forest, 22.05.2014, N47.37144° E23.26666°; pitfall traps, bottle traps baited with wine and banana.

48: Munţii Meseşului (Meszes-hegység), Pria (Perje), Vârful Măgura Priei, clearing in beech forest, alpine pasture, 23.05.2014, N47.00438° E22.89388°; from beneath stones, sweeping, singling with butterfly net.

49: Depresiunea Almaş–Agrij (Almás–Egrefmedence), Adalin, stream valley with alder and willow, 23.05.2014, N47.00283° E23.43822°; treading mud, singling with butterfly net.

50: Depresiunea Almaş–Agrij (Almás–Egrefmedence), Adalin, wet habitat with sedge and reed near village, 23.05.2014, N47.03072° E23.41352°; treading mud, singling with butterfly net.

51: Depresiunea Almaş–Agrij (Almás–Egrefmedence), Ugruţiu (Ugróc), closed steppe, edge of oak forest, pastures in valley floor, 23.05.2014, N47.017642° E23.367416°; singling with butterfly net.

52: Dealurile Crasnei (Krasznamenti-dombság), Aghireş (Egrespatak), dry swards, 24.05.2014, N47.15716° E22.99252°; sweeping.

53: Dealurile Crasnei (Krasznamenti-dombság), Aghireş (Egrespatak), dry swards, 23-24.05.2014, N47.15716° E22.99252°; light trap.

54: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), side of Crasna, at bridge, 24.05.2014, N47.16219° E22.87641°; treading mud, beneath stones, singling with butterfly net.

55: Dealurile Crasnei (Krasznamenti-dombság), Giurteleku Şimleului (Somlyógyörtelek), side of Crasna, at bridge, 24.05.2014, N47.29591° E22.78558°; treading mud, beneath stones, singling with butterfly net.

56: Dealurile Crasnei (Krasznamenti-dombság), Carastelec (Kárásztelek), wet meadow, 24.05.2014, N47.31694° E22.74572°; sweeping, singling with butterfly net.

02–06.06.2014 (leg. Orosz A, Puskás G, Soltész Z, Tóth M)

57: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), Vârşoţ (Varsolc) Reservoir, wet meadows, 2.06.2014, N47.177° E22.889°, 230m; netting, hand collecting, pitfall traps.

58: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), Vârşoţ (Varsolc) Reservoir, shore and dry grassland, 02.06.2014, N47.178° E22.908°, 240m; netting, hand collecting, UV light trap.

59: Dealurile Crasnei (Krasznamenti-dombság), N of Meseşeni de Jos (Magyarkecel), dry pasture, 02.06.2014, N47.163° E22.956°, 270m; netting.

60A: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireş (Egrespatak), dry swards, 02-03.06.2014,

N47.157° E22.992°, 320m; netting, hand collecting, pitfall traps, light trap.

60B: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireş (Egrespatak), beech forest patch, 02-03.06.2014, N47.157° E22.992°, 320m; soil sample.

61A: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), 03.06.2014, N47.111° E22.659°; netting, hand collecting.

61B: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), covered creek, 03.06.2014, N47.111° E22.657°, 320m; netting.

61C: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), Mlaştina de la Iaz, 03.06.2014, N47.111° E22.662°, 320m; pitfall traps, bottle traps baited with wine and banana, soil sample.

61D: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), dry grassland, 03.06.2014, N47.11° E22.659°; netting.

61E: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), dry grassland, 03.06.2014, N47.11° E22.659°, 320m; to light.

62A: Munţii Plopiş (Réz-hegység), Tusa (Tuszatelke), above the village, at Barcău (Berettyó) springs, pasture, 03.06.2014, N47.02° E22.749°, 640m; netting, hand collecting.

62B: Munţii Plopiş (Réz-hegység), Tusa (Tuszatelke), above the village, at Barcău (Berettyó) springs, beech forest, 03.06.2014, N47.02° E22.749°, 640m; soil sample.

63: Dealurile Crasnei (Krasznamenti-dombság), between Lazuri (Újvágás) and Valcău de Jos (Alsóvalkó), orchard, 03.06.2014, N47.109° E22.749°, 280m; netting.

64: Dealurile Crasnei (Krasznamenti-dombság), between Valcău de Jos (Alsóvalkó) and Boghiş (Szilágybagos), at Barcău (Berettyó) River, meadows, 03.06.2014, N47.139° E22.739°, 240m; netting, hand collecting, soil sample.

65: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), hayfield, 03.06.2014, N47.111° E22.666°, 320m, 320m; netting, hand collecting, soil sample.

66: Munţii Meseşului (Meszes-hegység), 1 km E of Huta (Csákyújfalu), grazed dry grassland, 04.06.2014, N47.015° E22.963°, 460m; netting, hand collecting.

67A: Munţii Meseşului (Meszes-hegység), 1.5 km SW of Huta (Csákyújfalu), forest clearing, 04.06.2014, N46.999° E22.931°, 550m; netting.

67B: Munţii Meseşului (Meszes-hegység), 1.5 km SW of Huta (Csákyújfalu), beech forest, 04.06.2014, N46.994° E22.929°, 570m; netting, pitfall traps, soil sample.

68: Munţii Meseşului (Meszes-hegység), Pria (Perje), SW slope of Vf. Măgura Priei (Perjei csúcs), pasture and forest edge, 04.06.2014, N47.007° E22.9°, 890m; netting, hand collecting.

69A: Munţii Meseşului (Meszes-hegység), 2.5 km SW of Huta (Csákyújfalu), at Poicu Stream, 04.06.2014, N46.986° E22.917°, 610m; netting, hand collecting.

69B: Munţii Meseşului (Meszes-hegység), 2.5 km SW of Huta (Csákyújfalu), at Poicu Stream, wet

meadow, 04.06.2014, N46.985° E22.919°, 600m; netting, hand collecting.

70: Depresiunea Almaş–Agrij (Almás–Egref-medence), Gâlgău Almaşului (Almásgalgó), Gradina Zmeilor (Dragon's Garden), forest edge, 04.06.2014, N47.2° E23.305°, 290m; hand collecting.

71: Dealurile Sălajului (Szilágymenti-dombság), Aluniş (Szamoszépplak), oak-beech forest, 04.06.2014, N47.371° E23.267°, 200m; pitfall traps, soil sample.

72: Dealurile Crasnei (Krasznamenti-dombság), Şimleu Silvaniei (Szilágysomlyó), forest edges, 05.06.2014, N47.239° E22.79° – N47.244° E22.796°, 360–520m; netting, hand collecting.

73: Dealurile Crasnei (Krasznamenti-dombság), Şimleu Silvaniei (Szilágysomlyó), covered creek and forest edge, 05.06.2014, N47.237° E22.804°, 300m; netting, hand collecting.

74: Dealurile Crasnei (Krasznamenti-dombság), 1.5km NNW of Cehei (Somlyócsehi), Balta Cehei, wet meadow, 05.06.2014, N47.268° E22.754°, 200m; netting, hand collecting.

75: Dealurile Crasnei (Krasznamenti-dombság), Carastelec (Kárásztelek), forest edge, 05.06.2014, N47.304° E22.671°, 240m; netting.

76: Dealurile Sălajului (Szilágymenti-dombság), Dersida (Kisderzsida), bushy pasture, 06.06.2014, N47.384° E22.807°, 200m; netting, hand collecting.

11–14.08.2014 (leg. Gubányi A, Katona G, Orosz A, Puskás G)

77: Dealurile Crasnei (Krasznamenti-dombság), Cehu Silvaniei (Szilágycseh), wet bushy shore vegetation, 11.08.2014, N47.44° E23.16°, 180m; netting, hand collecting.

78: Dealurile Crasnei (Krasznamenti-dombság), 1.5km NNW of Cehei (Somlyócsehi), Balta Cehei, wet meadow, 11–14.08.2014, N47.266° E22.755°, 200m; netting, hand collecting, trapping small mammals for parasitological investigation.

79: Munţii Meseşului (Meszes-hegység), Cizer (Csiszér), forestside grassland and creek (flowing and standing part), 12.08.2014, N47.021° E22.864°, 510m; netting, hand collecting, plankton sample.

80: Munţii Meseşului (Meszes-hegység), Pria (Perje), SW slope of Vf. Măgura Priei (Perjei csúcs), pasture and forest edge, 12.08.2014, N47.008° E22.906°, 830–950m; netting, hand collecting.

81: Munţii Meseşului (Meszes-hegység), Pria (Perje), W of Vf. Măgura Priei (Perjei csúcs), pasture, 12.08.2014, N47.004° E22.882°, 680m; netting, hand collecting.

82: Munţii Meseşului (Meszes-hegység), 2.5 km SW of Huta (Csákyújfalú), at Poicu Stream, xeromesophile meadow and wet meadow, 12.08.2014, N46.986° E22.917°, 610m; netting, hand collecting.

83: Munţii Meseşului (Meszes-hegység), 1.5 km SW of Huta (Csákyújfalú), beech forest, 12.08.2014, N46.994° E22.929°, 570m; pitfall traps, butterfly collecting.

84: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), Vârşolţ (Varsolc) Reservoir, wet meadows, 12.08.2014, N47.177° E22.889°, 230m; pitfall traps.

85: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireş (Egrespatak), dry swards, 12–13.08.2014, N47.157° E22.992°, 320m; netting, hand collecting, light trap, pitfall traps.

86: Munţii Meseşului (Meszes-hegység), 4.5 km W of Mesteacănu (Almásnyires), bushy meadow and orchard, 13.08.2014, N46.969° E22.959°, 600m; netting, hand collecting.

87: Depresiunea Almaş–Agrij (Almás–Egref-medence), between Băbiu (Bábony) and Almaşu (Váralmás), shore of Băbiu Stream, 13.08.2014, N46.954° E23.099°, 340m; netting, hand collecting, plankton sample.

88: Depresiunea Almaş–Agrij (Almás–Egref-medence), Sfăraş (Farnas), grazed hillside with calcium sulfate soil, 13.08.2014, N46.897° E23.101°, 400m; netting, hand collecting.

89: Depresiunea Almaş–Agrij (Almás–Egref-medence), Baica (Bányika), Băcuţa Stream, pasture and shore, 13.08.2014, N47.073° E23.269°, 280m; netting, hand collecting, plankton sample.

90: Dealurile Sălajului (Szilágymenti-dombság), Popeni (Szilágypaptelek), grazed hillsides and stream, 14.08.2014, N47.25° E23.189°, 240m; netting, hand collecting, plankton sample.

91: Culoarul Someşului (Szamos völgye), between Surduc (Szurduk) and Cliţ (Csűrfalva), Someş (Szamos) River, shore and pastures, 14.08.2014, N47.29° E23.367°, 200m; netting, hand collecting.

92: Culoarul Someşului (Szamos völgye), Cliţ (Csűrfalva), grassland stripe with *Calluna* below sandstone rock, 14.08.2014, N47.29° E23.422°, 220m; netting, hand collecting.

93: Culoarul Someşului (Szamos völgye), Cliţ (Csűrfalva), valley-bottom grassland stripes and forest ecoton, 14.08.2014, N47.284° E23.447°, 240m; netting, hand collecting.

94: Culoarul Someşului (Szamos völgye), Cliţ (Csűrfalva), hillside with acid sandy pasture and brook, 14.08.2014, N47.292° E23.432°, 220m; netting, hand collecting, plankton sample.

95: Culoarul Someşului (Szamos völgye), Cliţ (Csűrfalva), standing part of brook with algae, 14.08.2014, N47.307° E23.425°, 220m; plankton sample.

96: Depresiunea Almaş–Agrij (Almás–Egref-medence), NW of Ugruţiu (Ugróc), grazed hillsides, 14.08.2014, N47.017° E23.367°, 300m; netting, hand collecting.

97: Munţii Plopiş (Réz-hegység), Iaz (Krasznajáz), Mlaştina de la Iaz, oak-beech forest, 13.08.2014, N47.111° E22.662°, 320m; pitfall traps.

98: Dealurile Sălajului (Szilágymenti-dombság), Aluniş (Szamoszépplak), oak-beech forest, 13.08.2014, N47.371° E23.267°, 200m; pitfall traps.

29.09-03.10.2014 (leg. Bálint Zs, Dányi L, Katona G, Murányi D)

99: Munţii Meseşului (Meszes-hegység), Treznea (Ördögkút), main valley of the Treznea Stream, 29.09.2014, N47.11005° E23.06443°; netting, hand collecting, beating, soil sample, plankton sample, butterfly collecting.

100: Munții Meseșului (Meszes-hegység), Treznea (Ördögkút), upper valley of the Treznea Stream,

29.09.2014, N47.11063° E23.04968°; netting, hand collecting, beating, light trap. 101: Munții Meseșului (Meszes-hegység), Treznea (Ördögkút), main valley of the Treznea Stream, 30.09.2014, N47.10676° E23.08086°; hand collecting, plankton sample.

102: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), 30.09.2014, N47.157° E22.992°; light trap.

103: Dealurile Barcăului (Berettyó-dombság), Nușfalău (Szilágynagyfalu), above the village, 30.09.2014, N47.19226° E22.7374°; soil sample.

104: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), peat bog and ruins of the bath, 30.09.2014, N47.111° E22.659°; hand collecting, soil sample, leaf-hoover.

105: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), valley of the Iaz Stream, 30.09.2014, N47.08698° E22.6511°; netting, hand collecting, beating, soil sample, pitfall traps.

106: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), valley of the Iaz Stream, 30.09.2014, N47.09521° E22.65478°; plankton sample, netting, hand collecting.

107: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), Vârșoț (Varsolc) Reservoir, 30.09.2014, N47.177° E22.889°; pitfall traps, soil sample.

108: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), dry swards, 30.09.2014, N47.157° E22.992°; soil sample, light trap, pitfall traps, leaf-hoover.

109: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), 30.09.2014, N47.16363° E22.98661°; soil sample, sugar rope baiting.

110: Munții Meseșului (Meszes-hegység), E of Meseșenii de Sus (Románkecel), 01.10.2014, N47.1059° E22.98988°; netting, hand collecting.

111: Munții Meseșului (Meszes-hegység), Cizer (Csiszér), above the village at the Boului Stream, 01.10.2014, N47.02765° E22.85603°; hand collecting, soil sample.

112: Munții Meseșului (Meszes-hegység), Pria (Perje), SW slope of Vf. Măgura Priei (Perjei csúcs), 01.10.2014, N47.0056° E22.89196°; soil sample, netting, leaf-hoover.

113: Munții Meseșului (Meszes-hegység), Pria (Perje), SW slope of Vf. Măgura Priei (Perjei csúcs), 01.10.2014, N47.004° E22.8966°; netting, hand collecting, soil sample, leaf-hoover.

114: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalú), 01.10.2014, N46.99456° E22.92488°; soil sample.

115: Munții Meseșului (Meszes-hegység), 1.5 km SW of Huta (Csákyújfalú), 01.10.2014, N46.99416° E22.92813°; hand collecting, beating, soil sample, pitfall traps.

116: Munții Meseșului (Meszes-hegység), W of Mesteacănu (Almásnyíres), 01.10.2014, N46.96701° E22.96668°; soil sample.

117: Depresiunea Almaș–Agrij (Almás–Egrefgy-medence), between Băbiu (Bábony) and Almașu

(Váralmás), shore of Băbiu Stream, 01.10.2014, N46.95291° E23.09595°; netting, hand collecting.

118: Depresiunea Almaș–Agrij (Almás–Egrefgy-medence), SE of Poarta Sălajului (Vaskapu), 01.10.2014, N47.0742° E23.20386°; soil sample.

119: Depresiunea Almaș–Agrij (Almás–Egrefgy-medence), NE of Ciumărna (Csömörölő), 01.10.2014, N47.12676° E23.15201°; soil sample.

120: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), 01.10.2014, N47.16846° E22.97703°; light trap, sugar rope baiting.

121: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor, 02.10.2014, N47.0193° E22.69965°; hand collecting, soil sample, plankton sample.

122: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor, 02.10.2014, N47.00953° E22.72308°; hand collecting, soil sample.

123: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor, 02.10.2014, N47.01195° E22.7421°; hand collecting, soil sample.

124: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor, 02.10.2014, N47.0148° E22.74496°; netting, hand collecting, soil sample.

125: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor, Barcău (Berettyó) springs, 02.10.2014, N47.02031° E22.74875°; netting, hand collecting, beating, soil sample.

126: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), valley of the Barcău (Berettyó) Stream, 02.10.2014, N47.04743° E22.7508°; hand collecting, beating.

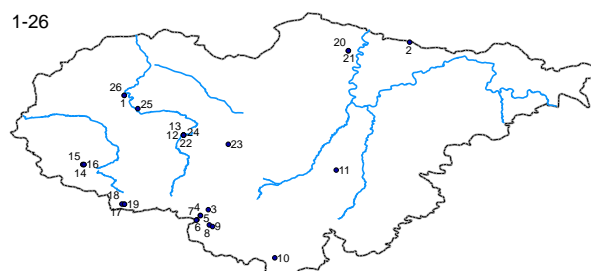
127A: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), valley of the Boului Stream, 02.10.2014, N47.0449° E22.72536°; soil sample, beating.

127B: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), valley of the Boului Stream, 02.10.2014, N47.05576° E22.73013°; beating.

128: Dealurile Sălajului (Szilágymenti-dombság), Aluniș (Szamoszépplak), oak forest, 03.10.2014, N47.371° E23.267°; pitfall traps, hand collecting.

129: Dealurile Sălajului (Szilágymenti-dombság), Benesat (Benedekfalva), Someș (Szamos) River, 03.10.2014, N47.41831° E23.31343°; beating, hand collecting.

130: Culmea Codrului (Szilágysági-Bükk), Hodod (jud. Satu Mare, Hadad), park of the lower castle, 03.10.2014, N47.4039° E23.02633°; hand collecting



22.04–25.04.2014 (leg. Forró L, Gubányi A, Katona G, Kutasi Cs)

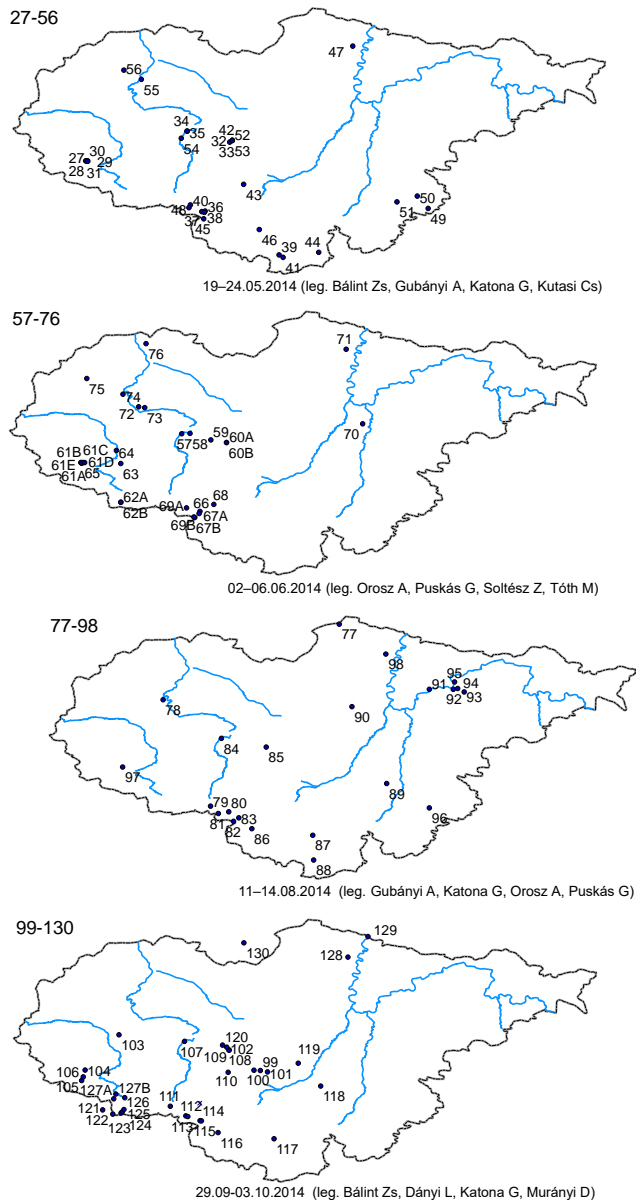


Fig. 1. Map of the collecting sites visited by respective trips of the Hungarian Natural History Museum in Sălaj County, Romania in 2014

27–30.04.2015 (leg. Gubányi A, Kutasi Cs, Makranczy Gy)

131: Dealurile Crasnei (Krasznamenti-dombság), Balta Cehei, 1.5km NNW of Cehei (Somlyócsehi), open water near road, 27.04.2015, N47.268760° E22.755019°; plancton sample.

132: Dealurile Crasnei (Krasznamenti-dombság), Balta Cehei, 1.5km NNW of Cehei (Somlyócsehi), Wedge of bog with reeds and open water near road, 27.04.2015, N47.26868° E22.75489°, 180m; treading reeds, flotation of debris at bottom layer.

133: Dealurile Crasnei (Krasznamenti-dombság), 1.5km NNW of Cehei (Somlyócsehi), Balta Cehei, 27–30.04.2015, N47.266° E22.755°; trapping small mammals for parasitological investigation.

134: Dealurile Crasnei (Krasznamenti-dombság), 1.5km NNW of Cehei (Somlyócsehi), Balta Cehei, 27.04.2015, N47.26897° E22.75423°; treading mud.

135: Dealurile Crasnei (Krasznamenti-dombság), Balta Cehei, 1.5km NW of Cehei (Somlyócsehi),

Nedge of bog w/ open water near railway tracks, 27.04.2015, N47.26884° E22.75555°, 180m; treading vegetation, flotation of debris at tussocks.

136: Dealurile Crasnei (Krasznamenti-dombság), Balta Cehei, 1.3km NW of Cehei (Somlyócsehi), bank of small artificial pool at canal from E edge of bog, 27.04.2015, N47.26766° E22.75747°, 180m; treading of mud, flotation of muddy debris.

137: Dealurile Sălajului (Szilágymenti-dombság), 2km E Derșida (Kisderzsida), Remeș valley, road crossing near southernmost pond, reeds, 27.04.2015, N47.38681° E22.83535°, 220m; flotation of debris under oldvegetation near water.

138: Dealurile Sălajului (Szilágymenti-dombság), 2km E Derșida (Kisderzsida), Remeș valley, road crossing near southernmost pond, 27.04.2015, N47.38684° E22.83537°, 220m; treading mud.

139: Munții Meseșului (Meszes-hegység), 1.5 km S of Huta (Csákyújfalu), Agrij (Egrecy) Stream, shaded valley bottom, 1.5 m from water, 28.04.2015, N46.99306° E22.92806°, 580m; roots, soil under leaf litter, soil-washing 15cm deep.

140: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, beech forest, 28.04.2015, N47.00385° E22.92219°, 775m; sifting, pitfall traps.

141: Munții Meseșului (Meszes-hegység), 1.5 km S of Huta (Csákyújfalu), Agrij (Egrecy) Stream, streamlet in shaded valley, 28.04.2015, N46.99306° E22.92806°, 580m; flotation of leafpacks stuck at rocks in stream.

142: Munții Meseșului (Meszes-hegység), Poic Satul Hurez, forestry road to Pădurea Măgura, 28.04.2015, N46.99261° E22.91927°, 640m; from beneath bark of spruce logs piled at road.

143: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, forestry road to Pădurea Măgura, 28.04.2015, N46.99261° E22.91927°, 640m; from beneath bark of beech logs piled at road.

144: Munții Plopiș (Réz-hegység), 3km SW of Tusa (Tuszatelke), at Barcău (Berettyó) springs, rocky spring outlet, 28.04.2015, N47.02026° E22.74874°, 600m; flotation of mosses on rocks around sprinkling water.

145: Munții Plopiș (Réz-hegység), 3km SW of Tusa (Tuszatelke), at Barcău (Berettyó) springs, water trough, 28.04.2015, N47.01957° E22.75199°; from beneath stones.

146: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor Plateau, above Barcău (Berettyó) springs, beech forest, 28.04.2015, N47.01015° E22.72223°; sifting, pitfall traps.

147: Dealurile Crasnei (Krasznamenti-dombság), Vârșoț, near Vârșoț Reservoir, willows, reed bed, 28.04.2015, N47.17847° E22.88972°; pitfall traps, treading mud.

148: Munții Plopiș (Réz-hegység), 3km SW of Tusa (Tuszatelke), at Barcău (Berettyó) springs, muddy spring outlet, rock-chips under leafpacks, 28.04.2015, N47.02026° E22.74874°, 600m; soil-washing 15cm deep.

149: Dealurile Crasnei (Krasznamenti-dombság), Vârșoț (Varsolc) reservoir, 2km NE of Crasna, inlet of pâraul Crasna, reeds, small pool, 28.04.2015,

N47.18051° E22.89192°, 250m; treading vegetation (e.g. *Carex acutiformis*) into water.

150: Dealurile Crasnei (Krasznamenti-dombság), Vârșoț (Varsolc) reservoir, 2km NE of Crasna, inlet of pâraul Crasna, reeds, small pool, 28.04.2015, N47.18051° E22.89192°, 250m; flotation of debris beneath dead plants on mud.

151: Dealurile Crasnei (Krasznamenti-dombság), Vârșoț, near Vârșoț Reservoir, willows, reed bed, 28-30.04.2015, N47.17822° E22.89021°; trapping small mammals for parasitological investigation.

152: Culoarul Someșului (Szamos völgye), 0.2km N Cheud (Aranyosvár), wide valley of Someș (Szamos) River, flood area in gallery forest of river, 29.04.2015, N47.38823° E23.31324°, 210m; muddy leaf litter in small ditch, 2m from water, treading.

153: Culoarul Someșului (Szamos völgye), 0.2km N Cheud (Aranyosvár), wide valley of Someș (Szamos) River, flood area in gallery, forest of river, 29.04.2015, N47.38818° E23.31312°, 168m; treading mud.

154: Dealurile Gârboului (Csáki-gorbói-dombság), Goruna Mare, 2km SE of Cliț (Csűrfalva), streambed in Valea Corbului, temporarily unflooded, shaded flats, rocky soil, sparse fern roots, 29.04.2015, N47.28411° E23.44697°, 220m; soil-washing 20cm deep.

155: Dealurile Gârboului (Csáki-gorbói-dombság), Goruna Mare, 1km SE of Cliț (Csűrfalva), streambed in Valea Corbului, temporarily unflooded, shaded flats, sparsely vegetated soil, roots, 29.04.2015, N47.28648° E23.43572°, 190m; soil-washing 20cm deep.

156: Dealurile Gârboului (Csáki-gorbói-dombság), Goruna Mare, 1km SE of Cliț (Csűrfalva), streambed in Valea Corbului, streamside, 29.04.2015, N47.28375° E23.43996°, 220m; treading mud.

157: Depresiunea Almaș-Agrij (Almás-Egregy-medence), 1.5km NW Tihău (Tihó), Almașu (Almás) Stream, sandy bank under road bridge, 29.04.2015, N47.23125° E23.31702°, 190m; treading mud.

158: Depresiunea Almaș-Agrij (Almás-Egregy-medence), 1.5km NW Tihău (Tihó), Almașu (Almás) Stream, sandy bank under road bridge, 1m from water, wet/dry sand border, tumuli, 29.04.2015, N47.23126° E23.317°, 190m; floted.

159: Munții Meseșului (Meszes-hegység), Zalău (Zilah), Hegyes-hegy, beech forest, 29.04.2015, N47.141° E23.08427°, 596m; pitfall traps, from beneath stones.

10-13.05.2015 (leg. Grabant A, Merkl O, Podlussány A, Szőke V)

160: Dealurile Sălajului (Szilágymenti-dombság), Derșida (Kisderzsida), pasture with oak logs, 10.05.2015, N47.398° E22.814°; hand collecting.

161: Dealurile Sălajului (Szilágymenti-dombság), Derșida (Kisderzsida), pasture, 10.05.2015, N47.398° E22.814°; sweeping.

162: Dealurile Sălajului (Szilágymenti-dombság), Borla (Szilágyballa), abandoned arable land, 10.05.2015, N47.265° E22.938°; sweeping.

163: Dealurile Crasnei (Krasznamenti-dombság), Zalău (Zilah), churchyard, 11.05.2015, N47.18° E23.056°; from beneath stones.

164: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), 11.05.2015, N47.291° E23.374°; from cow pats and horse dung.

165: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), pasture, 11.05.2015, N47.291° E23.374°; sweeping and beating.

166: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), willows, 11.05.2015, N47.291° E23.374°; from *Laetiporus sulphureus*.

167: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), pasture, 11.05.2015, N47.291° E23.374°; hand collecting.

168: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), riverside, 11.05.2015, N47.291° E23.374°; hand collecting.

169: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), hornbeam-oak forest, 11.05.2015, N47.286° E23.372°; beating.

170: Culoarul Someșului (Szamos völgye), Cliț (Csűrfalva), hornbeam-oak forest, 11.05.2015, N47.284° E23.439°; hand collecting.

171: Culoarul Someșului (Szamos völgye), Cliț (Csűrfalva), hornbeam-oak forest, 11.05.2015, N47.284° E23.439°; sweeping.

172: Culoarul Someșului (Szamos völgye), Cliț (Csűrfalva), hornbeam-oak forest, 11.05.2015, N47.284° E23.439°; sifting.

173: Culoarul Someșului (Szamos völgye), Cliț (Csűrfalva), small forest pond, 11.05.2015, N47.283907° E23.43903°; plankton sample.

174: Culoarul Someșului (Szamos völgye), Cliț (Csűrfalva), small forest pond, 11.05.2015, N47.286288° E23.435738°; plankton sample.

175: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), in village, 11.05.2015, N47.247° E23.338°; from stacked wood.

176: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Tihău (Tihó), Almaș valley, streamside, 11.05.2015, N47.232° E23.316°; hand collecting.

177: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Tihău (Tihó), roadside vegetation, 11.05.2015, N47.232° E23.316°; sweeping.

178: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalú), beech forest, 12.05.2015, N46.999° E22.92°; hand collecting.

179: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, hornbeam-oak forest, 12.05.2015, N46.992° E22.917°; hand collecting.

180: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, alder grove, 12.05.2015, N46.98° E22.925°; hand collecting.

181: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, alder grove, 12.05.2015, N46.98° E22.925°; sweeping.

182: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, Poic Stream, 12.05.2015, N46.98° E22.925°; netting from water.

183: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, Poic Stream, 12.05.2015, N46.980138° E22.925351°; plankton sample.

184: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, wet meadow, 12.05.2015, N46.98° E22.925°; sweeping.

185: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, hornbeam-oak forest, 12.05.2015, N46.98° E22.925°; sifting.

186: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, spruce plantation, 12.05.2015, N46.971° E22.946°; hand collecting.

187: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, wet meadow, 12.05.2015, N46.972° E22.945°; sifting.

188: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, beech forest, 12.05.2015, N46.994° E22.93°; beating from dry branches.

189: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, beech forest, 12.05.2015, N46.994° E22.93°; sweeping.

190: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, beech forest, 12.05.2015, N46.994° E22.93°; hand collecting.

191: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, spruce plantation, 12.05.2015, N46.971° E22.946°; moss sample.

192: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, beech forest, 12.05.2015, N46.994° E22.93°; leaf litter sample.

193: Dealurile Crasnei (Krasznamenti-dombság), Zalău (Zilah), in town, 12.05.2015, N47.168136° E23.071439°; hand collecting.

194: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), loess wall, 13.05.2015, N47.157° E22.994°; hand collecting.

195: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), dry sward, 13.05.2015, N47.157° E22.994°; sweeping and beating.

196: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), dry sward, 13.05.2015, N47.157° E22.994°; from sheep skin.

197: Dealurile Crasnei (Krasznamenti-dombság), Vârșolț (Varsolc), near Vârșolț Reservoir, 13.05.2015, N47.177° E22.889°; sweeping.

198: Dealurile Crasnei (Krasznamenti-dombság), Săg (Felsőszék), pasture, 13.05.2015, N47.064° E22.776°; hand collecting.

199: Dealurile Crasnei (Krasznamenti-dombság), Săg (Felsőszék), puddle, 13.05.2015, N47.064367° E22.775945°; plankton sample.

200: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Barcău (Berettyó) springs, 13.05.2015, N47.02° E22.749°; hand collecting.

201: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz, pasture, 13.05.2015, N47.11° E22.659°; sweeping, hand collecting.

202: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz, marsh, 13.05.2015, N47.11° E22.659°; plankton sample.

203: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz, marsh, 13.05.2015, N47.11° E22.659°; hand collecting.

204: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Barcău (Berettyó) springs, 13.05.2015, N47.02° E22.749°; soil sample

26-29.05.2015 (leg. Bálint Zs, Gubányi A, Katona G)

205: Dealurile Boiului (Szamoszug), SE of Vălișoara (Dióspatak), 26-27.05.2015, N47.375726° E23.412241°; trapping small mammals for parasitological investigation, singling insects and snails.

206: Dealurile Boiului (Szamoszug), NW of Letca (Létka), 26-27.05.2015, N47.363755° E23.424863°; light trap.

207: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Ugruțiu (Ugróc), 26-27.05.2015, N47.025783° E23.350829°; light trap.

208: Dealurile Boiului (Szamoszug), SE of Vălișoara (Dióspatak), 26-27.05.2015, N47.376865° E23.408879°; trapping small mammals for parasitological investigation.

209: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Cuzăplac (Középlak), 26-27.05.2015, N46.96169° E23.177108°; singling.

210: Munții Meseșului (Meszes-hegység), Buciumi (Vármező), 26-27.05.2015, N47.057448° E23.019276°; singling.

211: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Ugruțiu (Ugróc), 27-28.05.2015, N47.025783° E23.350829°; light trap.

212: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), 27-28.05.2015, N47.156611° E22.990925°, 320m; light trap, trapping small mammals for parasitological investigation, singling.

213: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor Plateau, spruce forest with a pond, 28.05.2015, N47.019721° E22.699143°, 800m; plankton sample.

214: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor Plateau, above Barcău (Berettyó) springs, beech forest, 28.05.2015, N47.01001° E22.72269°, 800m; pitfall traps, singling.

215: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Ponor Plateau, 28.05.2015, N47.01443° E22.744784°, 800m; singling, sweeping net.

216: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, beech forest, 28.05.2015, N47.00388° E22.92205°; pitfall traps.

217: Munții Meseșului (Meszes-hegység), Zalău (Zilah), Hegyes-hegy, beech forest, 28.05.2015, N47.14075° E23.08425°; pitfall traps.

218: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Ugruțiu (Ugróc), 28.05.2015, N47.025783° E23.350829°; singling.

219: Munții Meseșului (Meszes-hegység), Buciumi (Vármező), 28.05.2015, N47.057448° E23.019276°; singling.

220: Dealurile Crasnei (Krasznamenti-dombság), Săg (Felsőszék), 28.05.2015, N47.082825° E22.790097°; singling.

221: Dealurile Crasnei (Krasznamenti-dombság), W of Aghireș (Egrespatak), xeromesophile grassland and forest edge, 28-29.05.2015, N47.156611° E22.990925°, 320m; light traps, trapping small mammals for parasitological investigation, singling.

222: Dealurile Crasnei (Krasznamenti-dombság), E of Carastelec (Kárásztelek), 29.05.2015, N47.316999° E22.745639°; singling insects.

13-17.07.2015 (leg. Erőss Z, Kenéz A, Sulyán PG, Vas Z)

223: Dealurile Crasnei (Krasznamenti-dombság), Zalău (Zilah), churchyard, 13.07.2015, N47.1799° E23.0566°; hand collecting.

224: Munții Meseșului (Meszes-hegység), pass near Zalău (Zilah), at a spring and a car park on road 81E, 14.07.2015, N47.154° E23.0895°, 482m; hand collecting.

225: Munții Meseșului (Meszes-hegység), road to Treznea (Ördökgút), beech forest, 14.07.2015, N47.1448° E23.0854°, 598m; hand collecting.

226: Munții Meseșului (Meszes-hegység), road to Treznea (Ördökgút), beech forest, 14.07.2015, N47.1383° E23.0847°, 565m; hand collecting.

227: Munții Meseșului (Meszes-hegység), road to Treznea (Ördökgút), rocky roadside with ruderal vegetation, 14.07.2015, N47.1217° E23.0966°, 391m; hand collecting.

228: Munții Meseșului (Meszes-hegység), Treznea (Ördökgút), alongside creek, wet meadow, 14.07.2015, N47.1091° E23.0728°, 366m; hand collecting.

229: Munții Meseșului (Meszes-hegység), Treznea (Ördökgút), upper creek valley, 14.07.2015, N47.11056° E22.66061°; hand collecting.

230: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), wet meadow with stacked beech logs, 14.07.2015, N47.0164° E22.9663°, 446m; hand collecting.

231: Munții Meseșului (Meszes-hegység), Huta (Csákyújfalu), creek valley, beech forest, 14.07.2015, N46.9936° E22.9285°, 572m; hand collecting.

232: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, marshy meadow, 14.07.2015, N46.9842° E22.9199°, 597m; hand collecting, sweeping.

233: Dealurile Crasnei (Krasznamenti-dombság), Zalău (Zilah), apartment balcony, 14.07.2015, N47.1807° E23.0559°, 274m; light trap.

234: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), dry sward with loess wall and abandoned orchard, 15.07.2015, N47.1571° E22.9937°, 330m; hand collecting, sweeping.

235: Dealurile Crasnei (Krasznamenti-dombság), between Aghireș (Egrespatak) and Crasna (Kraszna), 15.07.2015; netting with car.

236: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), near Vârșoț (Varsolc) reservoir, willows and wet meadow, 15.07.2015, N47.1776° E22.8891°, 238m; hand collecting, sweeping, flight intercept trap, leaf samples.

237: Dealurile Crasnei (Krasznamenti-dombság), between Crasna (Kraszna) and Zalău (Zilah) city border, 15.07.2015; netting with car.

238: Culoarul Someșului (Szamos völgye), Surduc (Szurduk), Someșul (Szamos) bridge, 15.07.2015, N47.282183° E23.361826°; visual observation.

239: Culoarul Someșului (Szamos völgye), Cliț (Csúrfalva), 2 km from Someșul (Szamos) bridge on

road 109E, 15.07.2015, N47.28917° E23.387489°; hand collecting.

240: Culoarul Someșului (Szamos völgye), 5.5 km from Cliț (Csúrfalva) toward Lozna (Nagylózna) at great turn of road 109E, 15.07.2015, N47.31606° E23.445983°; hand collecting.

241: Dealurile Boiului (Szamoszug), Letca (Létka), 5 km SE of Vălișoara (Dióspatak), abandoned stone quarry, 15.07.2015, N47.354499° E23.441874°; hand collecting.

242: Dealurile Boiului (Szamoszug), 4 km SE of Vălișoara (Dióspatak), lime-sandstone wall, 15.07.2015, N47.353104° E23.437753°; hand collecting.

243: Dealurile Boiului (Szamoszug), 3.7 km SE of Vălișoara (Dióspatak), stream alluvium, 15.07.2015, N47.357656° E23.42792°; hand collecting.

244: Dealurile Boiului (Szamoszug), Letca (Létka), 3.7 km SE of Vălișoara (Dióspatak), spring, 15.07.2015, N47.357242° E23.427598°; hand collecting.

245: Dealurile Boiului (Szamoszug), 1.3 km SE of Vălișoara (Dióspatak), below first pond, 15.07.2015, N47.368488° E23.419079°; hand collecting.

246: Dealurile Boiului (Szamoszug), Poiana Blenchii (Blenkemező), Babei (Bába) Canyon, middle part, 15.07.2015, N47.322331° E23.743186°; soil sample.

247: Dealurile Boiului (Szamoszug), Poiana Blenchii (Blenkemező), Babei (Bába) Canyon, spring, 15.07.2015, N47.321166° E23.744356°; hand collecting.

248: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Barcău (Berettyó) springs, wet pasture, 16.07.2015, N47.0196° E22.7519°, 644m; hand collecting, sweeping.

249: Munții Plopiș (Réz-hegység), Tusa (Tuszatelke), Barcău (Berettyó) springs, beech forest above spring, 16.07.2015, N47.02° E22.7485°, 641m; hand collecting.

250: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz, mixed vegetation, 16.07.2015, N47.1108° E22.6602°, 320m; hand collecting, sweeping, flight interception trap, leaf samples.

251: Munții Plopiș (Réz-hegység), Iaz (Krasznajáz), Mlaștina de la Iaz, forest around swamp, 16.07.2015, N47.11056° E22.66061°; hand collecting.

252: Dealurile Crasnei (Krasznamenti-dombság), Aghireș (Egrespatak), dry sward with loess wall and abandoned orchard, 16.07.2015, N47.1569° E22.9923°, 323m; light trap on hilltop (21.15-24.00).

253: Dealurile Crasnei (Krasznamenti-dombság), Vârșoț (Varsolc), Vârșoț Reservoir, waterside in waterworks territory, 17.07.2015, N47.1931° E22.9069°, 239m; hand collecting, plankton samples.

254: Dealurile Crasnei (Krasznamenti-dombság), Crasna (Kraszna), Crasna (Kraszna) bridge, 17.07.2015, N47.162° E22.8762°, 247m; hand collecting, plankton samples.

255: Munții Meseșului (Meszes-hegység), 6 km S of Cizer (Csizér) on road 108G, Crasna (Kraszna) spring, beech forest and roadside vegetation,

17.07.2015, N47.0161° E22.8701°, 546m; hand collecting, plankton samples.

256: Munții Meseșului (Meszes-hegység), S of Cizer (Csízér) on road 108G, at county border, glade of beech and roadside vegetation, 17.07.2015, N47.004558° E22.874163°; hand collecting.

07-10.09.2015 (leg. Gubányi A, Orosz A, Ronkay L, Tóth M)

257: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Ugruțiu (Ugróc), closed steppe, edge of oak forest, pastures in valley floor, 07.09.2015, N47.018687° E23.361009°; netting.

258: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Ugruțiu (Ugróc), closed steppe, edge of oak forest, pastures in valley floor, 07.09.2015, N47.019723° E23.361953°; light trap.

259: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Ugruțiu (Ugróc), closed steppe, edge of oak forest, pastures in valley floor, 07.09.2015, N47.016705° E23.358705°; trapping small mammals for parasitological investigation.

260: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Sfăraș (Farnas), open and closed swards on gypsum, 08.09.2015, N46.897406° E23.100392°; netting.

261: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Sfăraș (Farnas), border of the village, wet meadow, 08.09.2015, N46.897669° E23.098081°; netting.

262: Dealurile Huedinului (Kalotaszegi-dombság), Jebucu (Zsobok), open and closed swards on gypsum, steep rocky slope, 08.09.2015, N46.894536° E23.106444°; netting.

263: Depresiunea Almaș-Agrij (Almás-Egregy-medence), between Zimbor (Magyarzsombor) and Sânmihaiu Almașului (Almásszentmihály), meadow near to the main road, 08.09.2015, N47.019528° E23.263778°; netting.

264: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, marshy meadow, 08.09.2015, N46.984929° E22.920089°; netting, leaf-hoover, light tower.

265: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, marshy meadow, 08.09.2015, N46.984893° E22.919635°; light trap, light tower.

266: Munții Meseșului (Meszes-hegység), Poic, Satul Hurez, marshy meadow, 08.09.2015, N46.984257° E22.919834°; trapping small mammals for parasitological investigation.

267: Dealurile Sălajului (Szilágymenti-dombság), Zalău-Ortelec (Zilah-Vártelek), oak forest on the top of the hill, semi-natural steppe, 09.09.2015, N47.211599° E23.133539°; netting, leaf-hoover.

268: Dealurile Sălajului (Szilágymenti-dombság), Zalău-Ortelec (Zilah-Vártelek), oak forest on the top of the hill, semi-natural steppe, 09.09.2015, N47.212209° E23.134001°; netting, light trap.

269: Dealurile Sălajului (Szilágymenti-dombság), Zalău-Ortelec (Zilah-Vártelek), oak forest on the top of the hill, semi-natural steppe, 09.09.2015, N47.21078° E23.132415°; trapping small mammals for parasitological investigation.

270: Dealurile Boiului (Szamoszug), Poiana Blenchiei (Blenkemező), Babei (Bába) Canyon, pasture, 09.09.2015, N47.307506° E23.726464°; netting.

271: Dealurile Boiului (Szamoszug), Vălișoara (Dióspatak), limestone hill, meadow, 10.09.2015, N47.360497° E23.426362°; netting.

272: Dealurile Boiului (Szamoszug), Vălișoara (Dióspatak), limestone hill, 10.09.2015, N47.362717° E23.425185°; light trap.

273: Dealurile Boiului (Szamoszug), Vălișoara (Dióspatak), stream valley, 10.09.2015, N47.375697° E23.412971°; trapping small mammals for parasitological investigation.

274: Dealurile Sălajului (Szilágymenti-dombság), Cristur-Crișeni (Szilágyfőkeresztúr), open grassland, 10.09.2015, N47.267439° E23.103622°; netting.

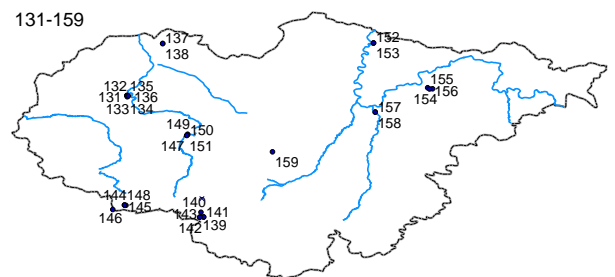
275: Dealurile Boiului (Szamoszug), Vălișoara (Dióspatak), stream valley, spring, 10.09.2015, N47.356965° E23.427326°; mud sample.

12-14.11.2015 (leg. Eröss Z, Kutasi Cs, Orosz A, Vas Z)

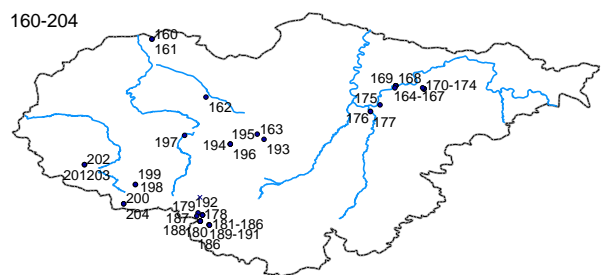
276: Depresiunea Almaș-Agrij (Almás-Egregy-medence), Jibou (Zsibó), Grădina Botanică a Institutului de Cercetări Biologice din Jibou (Zsibó Botanikus Kert), 13.11.2015, N47.26348° E23.25225°; hand collecting.

277: Dealurile Gârboului (Csáki-gorbói-dombság), Gâlgău Almașului (Almásgalgó), Grădina Zmeilor (Sárkányok kertje), 14.11.2015, N47.19934° E23.30904°; from beneath stones.

278: Dealurile Boiului (Szamoszug), Letca (Létka), 3.7 km SE of Vălișoara (Dióspatak), spring, 12.11.2015, N47.357656° E23.42792°; hand collecting, netting.



27-30.04.2015 (leg. Gubányi A, Kutasi Cs, Makranczy Gy)



10-13.05.2015 (leg. Grabant A, Merkl O, Podlussány A, Szőke V)

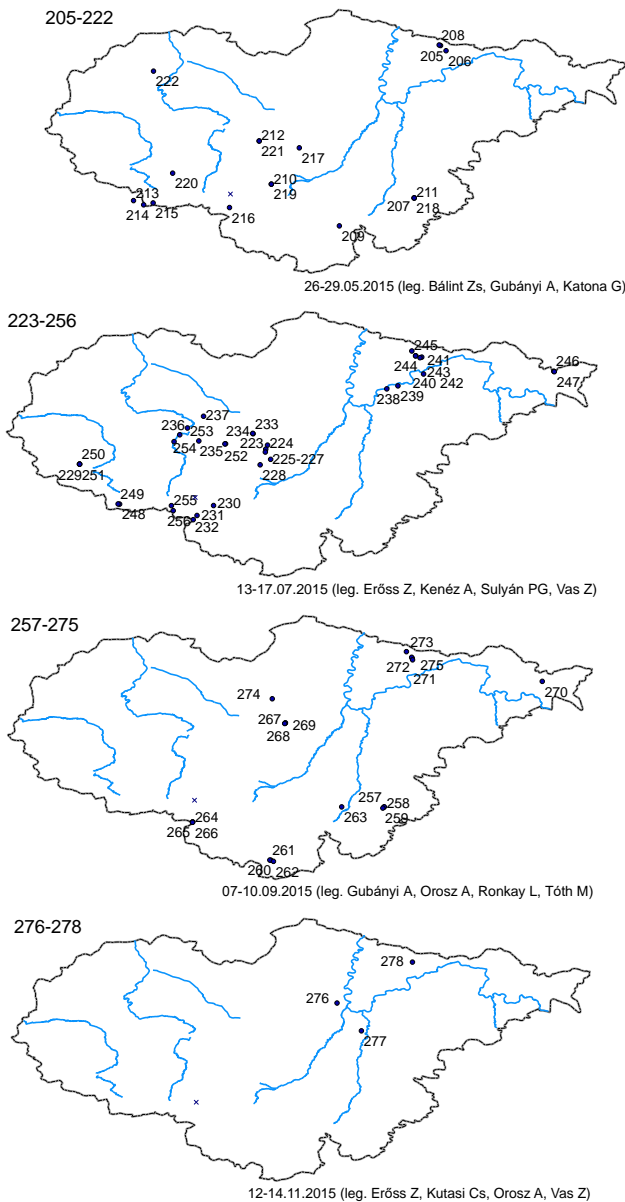


Fig. 2. Map of the collecting sites visited by respective trips of the Hungarian Natural History Museum in Sălaj County, Romania in 2015

CONCLUSIONS:

The different contributions about invertebrate and vertebrate species will be published separately by taxonomical groups in the *Studia Universitatis "Vasile Goldiș"*, Life Sciences Series covering internal parasites (1 paper), earthworms (1), mollusks (1), crustaceans (2), myriapods (2), arachnids (4), springtails (1), insects (16), amphibians and reptiles (1) and small mammals (1). These scientific papers fill the previous gap in the knowledge about the fauna of Sălaj County and are certainly a considerable contribution towards the better understanding of biodiversity of this region. This series can draw attention to the richness of Sălaj's natural heritage.

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