Tabel 1. Tabel sintetic privind biodiversitatea macrozoobentosului din diferite tipuri de ape din România, date extrase din literatura de specialitate şi numărul secvenţelor genetice disponibile în diferite baze genetice internaţionale. *Abrevieri:* **RO** – numărul speciilor pe familii din diferite tipuri de ape din România; **AR** – numărul speciilor listate în Planul de Management privind metodologia de evaluare a stării corpurilor de ape pe baza nevertebratelor acvatice, lista utilizată de agenţiile naţionale (ex. Apele Române); **SC** – numărul speciilor de nevertebrate acvatice identificate din diferite tipuri de ape ale sectorului superior al Someşului Cald, date din literatura de specialitate; **BDGI** – secvenţe genetice ADN Barcoding ale speciilor de macrozoobentos identificate din diferite baze genetice internaţionale (NCBI, BOLD); **BDGI din RO** – secvenţe genetice ADN Barcoding ale speciilor de macrozoobentos identificate din diferite baze genetice internaţionale (NCBI, BOLD) pe baza materialului biologic provenit din diferite tipuri de ape de la noi; **BDGI din SC** – secvenţe genetice ADN Barcoding ale speciilor de macrozoobentos identificate din diferite baze genetice internaţionale (NCBI, BOLD) pe baza materialului biologic provenit din diferite tipuri de ape ale sectorului superior al râului Someşul Cald.

Grupe macrozoobentos	RO	AR	SC	BDGI	BDGI din RO	BDGI din SC
Porifera						
Spongiliidae	10	4	0	4	0	0
Cnidaria						
Olindiidae	2	1	0	2	0	0
Hydridae	4	4	0	2	1	0
Moerisiidae	1	0	0	0	0	0
Plathelmintes						
Dendrocoelidae	23	1	0	0	0	0
Dugesiidae	7	3	2	2	0	2
Planariidae	9	6	0	2	0	0
Bothrioplanidae	1	0	0	0	0	0
Plagiorchiida	1	0	1	1	0	1
Nematomorpha						
Chordodidae	8	0	0	1	0	0
Gordiidae	4	0	0	0	0	0
Nematoda						
Monhysteridae	1	0	0	0	0	0
Enoploidae	1	0	0	0	0	0
Tripylidae	2	0	0	1	0	0
Dorylaimidae	1	0	0	0	0	0
Actinolaimidae	1	0	0	0	0	0
Nemertini						
Prostomatidae	3	0	0	0	0	0

Gastropoda						
Viviparidae	3	2	0	3	0	0
Thiaridae	1	0	0	1	0	0
Hydrobiidae	3	2	0	2	0	0
Lithoglyphidae	3	1	0	1	0	0
Tateidae	1	0	0	1	0	0
Valvatidae	4	2	0	1	0	0
Acroloxidae	1	1	0	1	0	0
Lymneidae	14	6	0	10	0	0
Physidae	3	3	0	3	0	0
Planorbiidae	20	11	0	12	0	0
Chondriniidae	1	0	0	0	0	0
Melanopsidae	4	2	0	0	0	0
Neritidae	6	3	0	4	1	0
Bivalvia						
Cyrenidae	1	0	0	1	0	0
Deissenidae	1	1	0	1	1	0
Sphaeridae	6	6	0	4	0	0
Unionidae	7	7	0	7	1	0
Polychaeta						
Aelostomatidae	4	0	0	1	1	0
Ampharetidae	2	1	0	1	0	0
Nerilidae	1	0	0	0	0	0
Oligochaeta						
Criodilidae	1	0	0	0	0	0
Haplotaxidae	2	1	0	1	0	0
Lumbricidae	1	1	0	1	0	0
Lumbriculidae	5	2	0	2	0	0
Naididae	77	35	0	40	0	0
Propappidae	1	1	0	0	0	0
Hirudinea						
Erpobdellidae	12	6	0	6	0	0
Glosiphonidae	7	3	0	4	0	0
Haemopidae	4	2	0	2	1	0
Parabdellidae	1	0	0	0	0	0
Piscicolidae	6	1	0	3	0	0
Branchiobdellida						
Branchiobdeliidae	4	0	0	3	0	0
Aranea						
Pisauridae	2	0	0	1	0	0
Lycosidae	8	0	0	8	0	0
Cybaeidae	1	0	0	1	0	0
Hydrachnidia						
Anisitsiellidae	2	0	0	0	0	0
Arrenuridae	35	2	0	17	0	0

Athienemanniidae	3	0	0	0	0	0
Aturidae	28	1	8	3	0	8
Bogatidae	1	0	0	0	0	0
Chapuididae	2	0	0	0	0	0
Eylaidae	6	0	0	0	0	0
Feltiidae	13	1	5	1	0	0
Hungarohydracaridae	2	0	0	0	0	0
Hydrachnidae	11	2	1	0	0	0
Hydrovolsidae	1	0	0	0	0	0
Hydryphantidae	31	0	3	5	0	0
Hygrobatidae	26	4	9	8	1	0
Krendowskiidae	1	0	1	0	0	0
Lebertiidae	19	1	2	0	0	0
Limnephiidae	5	1	1	0	0	0
Mideidae	1	1	0	0	0	0
Mideopsidae	4	1	0	0	0	0
Momoniidae	1	0	1	0	0	0
Neoacaridae	1	0	0	0	0	0
Oxidae	5	0	0	1	0	0
Pionidae	24	1	12	0	0	0
Spercontidae	9	2	5	2	0	0
Teutonidae	1	0	0	0	0	0
Torrenticoidae	13	2	7	1	0	0
Unionicolidae	7	1	0	5	0	0
Crustacea Amphipoda						
Ampeliscidae	1	0	0			0
Ampithoidae	4	0	0			0
Aoridae	5	0	0			0
Atylidae	1	0	0			0
Bathyporeiidae	1	0	0			0
Behningiellidae	1	0	0			0
Bogidiellidae	2	0	0			0
Calliopiidae	1	0	0			0
Caprellidae	3	0	0			0
Corophiidae	12	1	0			0
Crangonyctidae	3	1	0			0
Dexaminidae	1	0	0			0
Gammarellidae	1	0	0			0
Gammaridae	27	6	0			0
Hyalidae	3	0	0			0
Ischyroceridae	6	0	0			0
Kuriidae	1	0	0			0
Megaluropidae	1	0	0			0
Melitidae	1	0	0			0
Microprotopidae	1	0	0			0

Niphargidae	67	1	0			0
Oedicerotidae	3	0	0			0
Photidae	1	0	0			0
Pontogammaridae	12	0	0			0
Stenothoidae	2	0	0			0
Talitridae	7	0	0			0
Tryphosidae	1	0	0			0
Crustacea Decapoda						
Astacidae	4	2	0	4	4	0
Cambaridae	2	0	0	2	2	0
Crustacea Isopoda						
Asellidae	1	1		1	0	0
Janiridae	1	1		1	0	0
Crustacea Mysida						
Mysidae	1	1	0	0	0	0
Crustacea Anostraca						
Artemiidae	3	2	0	2	0	0
Ephemeroptera						
Ameletidae	1	0	1	0	0	0
Ametropodidae	1	0	0	0	0	0
Baetidae	25	10	13	18	0	0
Caenidae	7	4	1	7	0	0
Ephemerellidae	5	4	3	4	0	0
Ephemeridae	4	2	2	4	0	0
Heptageniidae	33	16	11	28	1	0
Isonychiidae	1	0	0	0	0	0
Leptophlebiidae	11	5	5	7	0	0
Oligoneuriidae	2	1	0	2	0	0
Palingeniidae	1	1	0	1	1	0
Polymitarcyidae	1	1	0	0	0	0
Potamanthidae	1	1	0	1	0	0
Posopistomatidae	1	0	0	0	0	0
Siphlonuridae	4	2	1	4	0	0
Odonate						
Aeshnidae	14	4	0	14	1	0
Calopterygidae	2	2	0	2	0	0
Coenagrionidae	18	6	0	18	0	0
Cordulegastridae	5	1	0	4	0	0
Corduliidae	7	1	0	7	1	0
Euphaeidae	1	0	0	0	0	0
Gomphidae	6	2	0	4	0	0
Lestidae	9	2	0	7	1	0
Libellulidae	21	4	0	20	0	0
Platycnemididae	1	1	0	1	0	0
Plecoptera						

Capnidae	8	2	0	5	0	0
Chloroperlidae	10	0	0	1	0	0
Leuctridae	27	6	0	20	0	0
Nemouridae	41	9	1	27	0	0
Perlidae	9	3	0	7	1	0
Perlodiidae	23	4	0	9	0	0
Taeniopterygidae	18	4	2	12	1	0
Heteroptera						
Nepidae	3	2	0	1	0	0
Micronectidae	5	0	0	4	0	0
Corixidae	25	2	0	16	0	0
Naucoridae	1	0	0	1	0	0
Aphelocheiridae	1	1	0	1	0	0
Notonectidae	6	2	0	3	0	0
Pleidae	1	0	0	0	0	0
Mesovelidae	2	0	0	1	0	0
Hebridae	4	0	0	1	0	0
Hidrometridae	2	2	0	2	0	0
Veliidae	8	1	0	3	0	0
Gerridae	11	1	0	8	0	0
Saldidae	18	0	0	0	0	0
Leptocodidae	2	0	0	0	0	0
Megaloptera						
Sialidae	3	2	0	3	0	0
Neuroptera						
Osmylidae	1	0	0	0	0	0
Sisyridae	2	1	0	0	0	0
Coleoptera						
Gyrinidae	6	4	0	3	0	0
Haliplidae	6	4	0	6	0	0
Noteridae	2	2	0	1	0	0
Dytiscidae	38	13	0	29	0	0
Hydrophilidae	31	4	0	31	0	0
Spercheidae	1	1	0	1	0	0
Curculionidae	3	0	0	0	0	0
Dryopidae	10	0	0	6	0	0
Elmidae	15	8	0	11	1	0
Georissidae	4	0	0	2	0	0
Helophoridae	9	7	0	5	0	0
Heteroceridae	8	0	0	6	0	0
Hydraenidae	56	9	0	33	0	0
Hydrochidae	2	1	0	2	0	0
Hymenoptera						
Braconidae	1	0	0	0	0	0
Ichneumonidae	2	0	0	1	0	0

Mymaridae	2	0	0	0	0	0
Scelionidae	1	0	0	0	0	0
Trichogrammatidae	1	0	0	0	0	0
Trichoptera						
Apatamidae	1	0	0	0	0	0
Beraeidae	7	2	0	6	0	0
Brachicentridae	4	3	0	4	0	0
Ecnomidae	1	1	0	1	0	0
Glossosomatidae	13	4	0	7	0	0
Goeridae	7	4	0	7	0	0
Helocopsychidae	1	0	0	1	0	0
Hydropsychidae	18	7	0	16	0	0
Hydroptilidae	24	2	0	17	0	0
Lepidostomatidae	4	1	0	3	0	0
Leptoceridae	34	2	0	28	0	0
Limnephilidae	99	15	0	59	5	0
Odotoceridae	2	1	0	2	0	0
Philopotamidae	5	3	0	5	2	0
Phryganeidae	9	2	0	9	0	0
Polycentropodidae	12	3	0	12	0	0
Psychomidae	9	2	0	7	0	0
Rhyacophilidae	24	6	0	10	2	0
Sericostomatidae	4	1	0	4	1	0
Uenoidae	1	0	0	1	0	0
Lepidoptera						
Crambidae	9	0	0	8	0	0
Diptera						
Anisopodidae	4	2	0	4	0	0
Athericidae	3	1	0	1	0	0
Blephariceridae	6	2	0	4	0	0
Ceratopogonidae	16	3	0	2	0	0
Chaoboridae	4	1	0	4	0	0
Chironomidae	416	167	0	283	0	0
Culicidae	60	4	0	42	9	0
Cylindrotomidae	4	0	0	4	0	0
Dixidae	3	1	0	0	0	0
Dolichopodidae	129	0	0	62	0	0
Empididae	38	0	0	16	0	0
Ephidridae	99	0	0	35	0	0
Limoniidae	191	2	0	86	0	0
Muscidae	60	1	0	30	1	0
Pediciidae	40	1	0	13	3	0
Psychodidae	42	3	0	12	0	0
Ptychopteridae	9	1	0	6	0	0
Rhagionidae	14	0	0	6	0	0

Scatophagidae	7	0	0	4	0	0
Sciomyzidae	45	0	0	27	0	0
Simuliidae	71	12	0	30	0	0
Stratiomyidae	45	3	0	8	0	0
Syrphidae	66	1	0	43	0	0
Tabanidae	77	1	0	23	0	0
Thaumaleidae	11	0	0	4	0	0
Therevidae	1	1	0	1	1	0
Tipulidae	44	1	0	23	0	0
Bryozoa						
Crystatellidae	1	1	0	0	0	0
Fredericellidae	1	1	0	0	0	0
Lophodidae	1	0	0	0	0	0
Paludicellidae	1	1	0	0	0	0
Pectinatellidae	1	0	0	0	0	0
Plumatellidae	4	4	0	0	0	0
Total	**3143**	**594**	**98**	**1589**	**45**	**11**