

## Limnofauna; invalid species after Viets (1987) (date: 2009\_12\_8)

species complete	Family	Genus	Subgenus	Species	Subspecies	Taxonomic comments
Arrenurus bueranus Münchberg , 1955	Arrenuridae	Arrenurus	Arrenurus	bueranus		Spec. incerta: Smit 1996
Arrenurus curtus George , 1906	Arrenuridae	Arrenurus	Megaluracarus	curtus		Spec. incerta: Smit 1996
Arrenurus cyanipes (Lucas , 1846)	Arrenuridae	Arrenurus	Arrenurus	cyanipes		Spec. incerta: Smit et al. 2000
Arrenurus cyanipes bicolor Viets , 1935	Arrenuridae	Arrenurus	Arrenurus	cyanipes	bicolor	Spec. incerta
Arrenurus emarginator (Müller, 1776)	Arrenuridae	Arrenurus	Arrenurus	emarginator		Spec. incerta: Viets 1956b
Arrenurus gibbosus Georgevitsch , 1903	Arrenuridae	Arrenurus	Arrenurus	gibbosus		Spec. incerta: Smit et al. 2000
Arrenurus incertus Biesiadka, 1978	Arrenuridae	Arrenurus	Megaluracarus?	incertus		Spec. incerta: Smit 1996; preoccupied name
Arrenurus maggii Maglio , 1906	Arrenuridae	Arrenurus	Megaluracarus	maggii		Spec. incerta: Smit et al. 2000
Arrenurus nielseni Münchberg , 1935	Arrenuridae	Arrenurus	Arrenurus	nielseni		Spec. incerta?: Smit et al. 2000
Arrenurus paluster Thor , 1901	Arrenuridae	Arrenurus	Truncaturus	paluster		Spec. incerta: Smit 1996
Arrenurus soari George , 1901	Arrenuridae	Arrenurus	Megaluracarus	soari		Spec. incerta: Smit 1996
Atractides abditus Walter Bader , 1955	Hygrobatidae	Atractides	Atractides	abditus		Spec. incerta: Gerecke 2003
Atractides angustiporus lobatus (Szalay , 1935)	Hygrobatidae	Atractides	Atractides	angustiporus	lobatus	Spec. incerta: Gerecke 2003
Atractides bituberosus (Sokolow , 1947)	Hygrobatidae	Atractides	Atractides	bituberosus		Proposed as subspecies of <i>A. nodipalpis</i> , spec. dubia: Gerecke 2003
Atractides cagiallensis Rensburg , 1971	Hygrobatidae	Atractides	Atractides	cagiallensis		Spec. incerta: Gerecke 2003
Atractides curvisetus (Koenike , 1911)	Hygrobatidae	Atractides	Atractides	curvisetus		Spec. incerta: Gerecke 2003
Atractides gabretae Thon , 1901	Hygrobatidae	Atractides	Atractides	gabretae		Spec. incerta: Gerecke 2003
Atractides intermedius (Soarec , 1939)	Hygrobatidae	Atractides	Atractides	intermedius		Proposed as subspecies of <i>A. nodipalpis</i> , spec. dubia: Gerecke 2003
Atractides kaukasiensis (Thor , 1914)	Hygrobatidae	Atractides	Atractides	kaukasiensis		Proposed as subspecies of <i>A. nodipalpis</i> , spec. dubia: Gerecke 2003
Atractides magnirostris (Motas & Tanasachi , 1948)	Hygrobatidae	Atractides	Tympanomegapus	magnirostris		Spec. incerta: Gerecke 2003
Atractides montanus (Halbert , 1911)	Hygrobatidae	Atractides	Atractides	montanus		Proposed as subspecies of <i>A. spinipes</i> ; species dubia: Gerecke 2003
Atractides nondilatatus (Sokolow , 1936)	Hygrobatidae	Atractides	Atractides	nondilatatus		Proposed as subspecies of <i>A. nodipalpis</i> , spec. dubia: Gerecke 2003
Atractides quadruporus (Koenike , 1915)	Hygrobatidae	Atractides	Atractides	quadruporus		Spec. incerta: Gerecke 2003
Atractides rossicus (Thor , 1923)	Hygrobatidae	Atractides	Atractides	rossicus		Spec. incerta: Gerecke 2003
Atractides torrenticulus Laska , 1960	Hygrobatidae	Atractides	Atractides	torrenticulus		Spec. incerta: Gerecke 2003
Atractides tuberosus (Viets , 1919)	Hygrobatidae	Atractides	Atractides	tuberosus		Spec. incerta: Gerecke 2003
Atractides umbonipalpis Szalay , 1954	Hygrobatidae	Atractides	Atractides	umbonipalpis		Spec. incerta: Gerecke 2003
Bandakia bieberi Bader, 1994	Anisitsiellidae	Bandakia		bieberi		Syn. to <i>B. concreta</i> : Di Sabatino et al. 2009
Charoelia schloethi Bader, 1989	Sperchontidae	Charoelia		schloethi		Syn. to <i>S. mutilus</i> Koenike, 1895: Di Sabatino et al. 2009
Eylais clitellata Georgevitsch, 1906	Eylaidae	Eylais		clitellata		Spec. incerta
Eylais erythrina Lucas, 1846	Eylaidae	Eylais		erythrina		Spec. incerta: K. O. Viets 1987
Eylais glubokensis Udalzew, 1907	Eylaidae	Eylais		glubokensis		Spec. incerta: Davids et al. 2005
Eylais rahmi (Oezkan, 1982)	Eylaidae	Eylais		rahmi		Syn. to <i>E. hamata</i> : Gerecke 1991, Davids et al. 2007
Eylais soari valenciana Viets, 1919	Eylaidae	Eylais		soari	valenciana	Spec. incerta: K.O.Viets 1987
Georgella apsteini Koenike, 1903	Hydryphantidae	Georgella		apsteini		Syn. to <i>G. helvetica</i> : Di Sabatino et al. 2009
Georgella dauphinensis K.O.Viets, 1987	Hydryphantidae	Georgella		dauphinensis		Syn. to <i>G. koenikei</i> : Di Sabatino et al. 2009; nov. nom. pro <i>intermedius</i> Walter, 1927: Homonymy with <i>Hydryphantes intermedius</i> Daday, 1901: K.O.Viets 1988
Georgella imperfecta Walter, Bader, 1955	Hydryphantidae	Georgella		imperfecta		Spec. incerta: Di Sabatino et al. 2009
Hydrachna williamsoni (Soar, 1908)	Hydrachnidae	<i>Hydrachna</i>		williamsoni		spec. inc.
Hydrachna aspratilis Koenike, 1897	Hydrachnidae	Hydrachna	Diplohydrachna	aspratilis		Spec. incerta: Davids et al. 2005

## Limnofauna; invalid species after Viets (1987) (date: 2009\_12\_8)

species complete	Family	Genus	Subgenus	Species	Subspecies	Taxonomic comments
Hydrachna bivirgulata Piersig, 1897	Hydrachnidae	Hydrachna	Rhabdohydrachna	bivirgulata		Spec. incerta: Davids et al. 2005
Hydrachna brehmi Szalay, 1955	Hydrachnidae	Hydrachna	Rhabdohydrachna	brehmi		Spec. incerta: Davids et al. 2005
Hydrachna brzeki Biesiadka & Kowalik , in press	Hydrachnidae	Hydrachna	?	brzeki		
Hydrachna denudata Piersig, 1896	Hydrachnidae	Hydrachna	Rhabdohydrachna	denudata		Spec. incerta: Davids et al. 2005
Hydrachna globosa rotundata Laska, 1962	Hydrachnidae	Hydrachna	Diplohydrachna	globosa	rotundata	Syn. to H. globosa: Davids et al. 2005
Hydrachna halberti Soar, 1908	Hydrachnidae	Hydrachna	Rhabdohydrachna	halberti		Syn. to H. incisa: Davids et al. 2005
Hydrachna inermis Piersig, 1895	Hydrachnidae	Hydrachna	Anohydrachna	inermis		Spec. incerta: Davids et al. 2005
Hydrachna jolantae Biesiadka & Kowalik , in press	Hydrachnidae	Hydrachna		jolantae		
Hydrachna leegei maculifera Piersig, 1897	Hydrachnidae	Hydrachna	Rhabdohydrachna	leegei	maculifera	Syn. to H. leegei: Davids et al. 2005
Hydrachna levigata Koenike, 1897	Hydrachnidae	Hydrachna	Rhabdohydrachna	levigata		
Hydrachna levis Williamson, 1913	Hydrachnidae	Hydrachna	Rhabdohydrachna	levis		Syn. to H. incisa: Davids et al. 2005
Hydrachna levis acuminata K. O. Viets, 1954	Hydrachnidae	Hydrachna	Rhabdohydrachna	levis	acuminata	Syn. to H. incisa: Davids et al. 2005
Hydrachna papilligera Viets, 1919	Hydrachnidae	Hydrachna	Hydrachna	papilligera		Spec. incerta: Davids et al. 2005
Hydrachna perpera Koenike, 1908	Hydrachnidae	Hydrachna	Rhabdohydrachna	perpera		Syn. to H. processifera: Davids et al. 2005
Hydrachna piersigi Koenike, 1897	Hydrachnidae	Hydrachna	Anohydrachna	piersigi		Spec. incerta: Davids et al. 2005
Hydrachna regulifera Koenike, 1897	Hydrachnidae	Hydrachna	Rhabdohydrachna	regulifera		Spec. incerta: Davids et al. 2005
Hydrachna skorikowi integra Viets, 1930	Hydrachnidae	Hydrachna	Hydrachna	skorikowi	integra	Syn. to H. skorikowi: Davids et al. 2005
Hydrobaderia ilicaensis Oezkan, 1985	Hydryphantidae	Hydrobaderia		ilicaensis		Syn. to Hydryphantes crassipalpis: Di Sabatino et al. 2009
Hydryphantes abnormis Koenike, 1908	Hydryphantidae	Hydryphantes	Hydryphantes	abnormis		Syn. to H. dispar: Lundblad 1962
Hydryphantes algeriensis Walter, 1928	Hydryphantidae	Hydryphantes	Hydryphantes	algeriensis		Syn. to H. dispar: Di Sabatino et al. 2009
Hydryphantes bayeri Pisarovic, 1896, 1896	Hydryphantidae	Hydryphantes	Hydryphantes	bayeri		Spec. incerta: Di Sabatino et al. 2009
Hydryphantes bayeri nonundulatus Viets, 1919, 1919	Hydryphantidae	Hydryphantes	Hydryphantes	bayeri	nonundulatus	Poland: Biesiadka in Razowski 1997; syn to H. planus: Di Sabatino et al. 2009
Hydryphantes clypeatus Thor, 1899, 1899	Hydryphantidae	Hydryphantes	Hydryphantes	clypeatus		Spec. incerta: Di Sabatino et al. 2009
Hydryphantes crassipalpis lacustris Halbert, 1923	Hydryphantidae	Hydryphantes	Hydryphantes	crassipalpis	lacustris	Syn. to H. crassipalpis: Özkan 1988
Hydryphantes frici Thon, 1899	Hydryphantidae	Hydryphantes	Hydryphantes	frici		Spec. incerta: Di Sabatino et al. 2009
Hydryphantes hellichi Thon, 1899	Hydryphantidae	Hydryphantes	Hydryphantes	hellichi		Syn. to H. ruber: Lundblad 1962
Hydryphantes intermedius Daday, 1901	Hydryphantidae	Hydryphantes	Hydryphantes	intermedius		Syn. to H. dispar: Di Sabatino et al. 2009
Hydryphantes lamellatus Ponyi, 1956	Hydryphantidae	Hydryphantes	Polyhydryphantes	lamellatus		Syn. to H. flexuosus: Lundblad 1962
Hydryphantes peroviensis Udalzew, 1907	Hydryphantidae	Hydryphantes	Hydryphantes	peroviensis		Spec. incerta: Di Sabatino et al. 2009
Hydryphantes ruber prolongatus Thon, 1899	Hydryphantidae	Hydryphantes	Hydryphantes	ruber	prolongatus	Syn. to H. ruber: Lundblad 1962
Hydryphantes spinipes Walter, 1922	Hydryphantidae	Hydryphantes	Hydryphantes	spinipes		Syn. to H. ruber: Di Sabatino et al. 2009
Hydryphantes tomentosus Lucas, 1849	Hydryphantidae	Hydryphantes	Hydryphantes	tomentosus		Spec. incerta
Hydryphantes vastipalpis Viets, 1930	Hydryphantidae	Hydryphantes	Polyhydryphantes	vastipalpis		Syn. to H. flexuosus: Lundblad 1962
Lebertia acuta minor Laska, 1954	Lebertiidae	Lebertia		acuta	minor	Syn. to L. maglioi: Gerecke 2009
Lebertia affinis Sokolow, 1927	Lebertiidae	Lebertia		affinis		Syn. to L. fimbriata: Gerecke 2009
Lebertia ambigua Walter, 1924	Lebertiidae	Lebertia		ambigua		Syn. to L. cognata: Viets & Viets 1960
Lebertia apposita Laska, 1954	Lebertiidae	Lebertia		apposita		Syn. to L. maglioi: Gerecke 2009
Lebertia areolata Halbert, 1944	Lebertiidae	Lebertia		areolata		Spec. incerta: Gledhill & Viets 1976
Lebertia arndti Viets, 1926	Lebertiidae	Lebertia		arndti		Syn. to L. maculosa: Gerecke 2009
Lebertia aspera Walter, 1922	Lebertiidae	Lebertia		aspera		Spec. incerta: Gerecke 2009

## Limnofauna; invalid species after Viets (1987) (date: 2009\_12\_8)

species complete	Family	Genus	Subgenus	Species	Subspecies	Taxonomic comments
Lebertia balcaria Sokolow, 1940	Lebertiidae	Lebertia		balcaria		Syn. to L. maglioi: Gerecke 2009
Lebertia barsica Szalay, 1937	Lebertiidae	Lebertia		barsica		Syn. to L. hallki: Gerecke 2009
Lebertia berlesei Thor, 1926	Lebertiidae	Lebertia		berlesei		Syn. to L. oudemansi: Gerecke 2009
Lebertia brunnea Halbert, 1944	Lebertiidae	Lebertia		brunnea		Spec. incerta: Gledhill & Viets 1976
Lebertia carpatica Biesiadka, 1979	Lebertiidae	Lebertia		carpatica		Nomen nudum
Lebertia caucasica Sokolow, 1927	Lebertiidae	Lebertia		caucasica		Syn. to L. porosa: Besseling 1958
Lebertia coacta Walter, 1944	Lebertiidae	Lebertia		coacta		Syn. to L. pusilla: Lundblad 1956a
Lebertia cognata extrema (Walter, 1922)	Lebertiidae	Lebertia		cognata	extrema	Syn. to L. cognata: Viets & Viets 1960
Lebertia compacta Halbert, 1944	Lebertiidae	Lebertia		compacta		Spec. incerta: Gledhill & Viets 1976
Lebertia corsica E. Angelier, 1954	Lebertiidae	Lebertia		corsica		Syn. to L. sparsicapillata: Gerecke 2009
Lebertia costata Koenike, 1908	Lebertiidae	Lebertia		costata		Spec. incerta: Gerecke 2009
Lebertia crassipalpis Halbert, 1944	Lebertiidae	Lebertia		crassipalpis		Spec. incerta: Gledhill & Viets 1976 (syn. to porosa?)
Lebertia curvipalpis Halbert, 1944	Lebertiidae	Lebertia		curvipalpis		Spec. incerta: Gledhill & Viets 1976
Lebertia dalmatica Viets, 1936	Lebertiidae	Lebertia		dalmatica		Syn. to L. pusilla: Lundblad 1956a
Lebertia dalmatica fragilis Halbert, 1944	Lebertiidae	Lebertia		dalmatica	fragilis	Spec. incerta: Gledhill & Viets 1976
Lebertia densa Koenike, 1902	Lebertiidae	Lebertia		densa		Syn. to L. dubia: Gerecke 2009
Lebertia dresdensis Viets, 1928	Lebertiidae	Lebertia		dresdensis		Spec. incerta: Gerecke 2009
Lebertia dubiaeformis Sokolow, 1930	Lebertiidae	Lebertia		dubiaeformis		Syn. to L. helvetica: Gerecke 2009
Lebertia duricoria Koenike, 1911	Lebertiidae	Lebertia		duricoria		Spec. incerta: Gerecke 2009
Lebertia elliptica Husiatinschi, 1937	Lebertiidae	Lebertia		elliptica		Spec. incerta: Gerecke 2009
Lebertia extendens Walter, 1922	Lebertiidae	Lebertia		extendens		Syn. to L. fontana: Gerecke 2009
Lebertia flumenia Halbert, 1944	Lebertiidae	Lebertia		flumenia		Spec. incerta: Gledhill & Viets 1976
Lebertia gladiator Thor, 1913	Lebertiidae	Lebertia		gladiator		Spec. incerta: Gerecke 2009
Lebertia gracilipes Walter, 1922	Lebertiidae	Lebertia		gracilipes		Syn. to L. giardinai: Gerecke 2009
Lebertia hirtipalpis Halbert, 1944	Lebertiidae	Lebertia		hirtipalpis		Spec. incerta: Gledhill & Viets 1976
Lebertia husmanni Viets, 1955	Lebertiidae	Lebertia		husmanni		Syn. to L. maglioi: Gerecke 2009
Lebertia incognita Viets, 1922	Lebertiidae	Lebertia		incognita		Spec. incerta: Gerecke 2009
Lebertia inflexa Thor, 1913	Lebertiidae	Lebertia		inflexa		Spec. incerta: Gerecke 2009
Lebertia inversa Koenike, 1919	Lebertiidae	Lebertia		inversa		Syn. to L. cognata: Gerecke 2009
Lebertia komareki Thor, 1914	Lebertiidae	Lebertia		komareki		Spec. incerta: Gerecke 2009
Lebertia lacustris Koenike, 1914	Lebertiidae	Lebertia		lacustris		Spec. incerta: Gerecke 2009
Lebertia laticoxalis Viets, 1949	Lebertiidae	Lebertia		laticoxalis		Spec. incerta: Gledhill & Viets 1976 (= latiepimerata Halbert nec Husiatinschi)
Lebertia longiepimerata Laska, 1953	Lebertiidae	Lebertia		longiepimerata		Syn. to L. sparsicapillata: Gerecke 2009
Lebertia longipes Monti, 1904	Lebertiidae	Lebertia		longipes		Spec. incerta: Gerecke 2009
Lebertia macedonica Viets, 1936	Lebertiidae	Lebertia		macedonica		Syn. to L. inaequalis: Besseling 1957a
Lebertia minuta Halbert, 1954	Lebertiidae	Lebertia		minuta		Spec. incerta: Gledhill & Viets 1976
Lebertia minuticornis Viets, 1949	Lebertiidae	Lebertia		minuticornis		Spec. incerta: Gledhill & Viets 1976 (= minutipalpis Halbert nec Viets)
Lebertia mollis Halbert, 1944	Lebertiidae	Lebertia		mollis		Spec. incerta: Gledhill & Viets 1976
Lebertia monardi Migot, 1926	Lebertiidae	Lebertia		monardi		Spec. incerta: Gerecke 2009
Lebertia multicincta Thor, 1914	Lebertiidae	Lebertia		multicincta		Spec. incerta: Gerecke 2009

## Limnofauna; invalid species after Viets (1987) (date: 2009\_12\_8)

species complete	Family	Genus	Subgenus	Species	Subspecies	Taxonomic comments
<i>Lebertia multipilosa</i> Thor, 1926	Lebertiidae	Lebertia		multipilosa		Syn. to <i>L. natans</i> : Gerecke 2009
<i>Lebertia neocomensis</i> ((Walter) Bader, 1955)	Lebertiidae	Lebertia		neocomensis		Syn. to <i>L. longiseta</i> : Gerecke 2009
<i>Lebertia novipalpis</i> Halbert, 1944	Lebertiidae	Lebertia		novipalpis		Spec. incerta: Gledhill & Viets 1976
<i>Lebertia obesa</i> Viets, 1925	Lebertiidae	Lebertia		obesa		Syn. to <i>L. cognata</i> : Gerecke 2009
<i>Lebertia olonensis</i> Sokolow, 1930	Lebertiidae	Lebertia		olonensis		Syn. to <i>L. pusilla</i> : Gerecke 2009
<i>Lebertia pachypalpis</i> Sokolow, 1934	Lebertiidae	Lebertia		pachypalpis		Syn. to <i>L. porosa</i> : Besseling 1958a
<i>Lebertia papillosa</i> Piersig, 1898	Lebertiidae	Lebertia		papillosa		sp. inc.: K.O.Viets 1987
<i>Lebertia plauta</i> Halbert, 1944	Lebertiidae	Lebertia		plauta		Spec. incerta: Gledhill & Viets 1976
<i>Lebertia pseudotuberosa</i> Bader, 1975	Lebertiidae	Lebertia		pseudotuberosa		Syn. to <i>L. maculosa</i> : Gerecke 2009
<i>Lebertia pulchella</i> Viets, 1925	Lebertiidae	Lebertia		pulchella		Spec. incerta: Gerecke 2009
<i>Lebertia purpurea</i> Laska, 1953	Lebertiidae	Lebertia		purpurea		Syn. to <i>L. sparsicapillata</i> : Viets & Viets 1960
<i>Lebertia pyrenaica</i> Migot, 1926	Lebertiidae	Lebertia		pyrenaica		Spec. incerta: Gerecke 2009
<i>Lebertia relictata</i> Thor, 1907	Lebertiidae	Lebertia		relictata		Syn. to <i>L. glabra</i> : Lundblad 1962
<i>Lebertia robusta</i> Walter, 1911	Lebertiidae	Lebertia		robusta		Syn. to <i>L. fontana</i> : Gerecke 2009
<i>Lebertia saxonica</i> Thor, 1911	Lebertiidae	Lebertia		saxonica		Syn. to <i>insignis</i> : Lundblad; separate species: Tuzovskij 2001; Species incerta: Gerecke 2009
<i>Lebertia schischkoffi</i> Viets, 1926	Lebertiidae	Lebertia		schischkoffi		Syn. to <i>L. maculosa</i> : Gerecke 2009
<i>Lebertia schmidtii</i> Thor, 1911	Lebertiidae	Lebertia		schmidtii		Syn. to <i>L. halberti</i> : Gerecke 2009
<i>Lebertia scutellata</i> K. O. Viets, 1955	Lebertiidae	Lebertia		scutellata		Syn. to <i>L. maglioi</i> : Gerecke 2009
<i>Lebertia sefveoides</i> Schwoerbel, 1952	Lebertiidae	Lebertia		sefveoides		Syn. to <i>L. giardinai</i> : Gerecke 2009
<i>Lebertia shadini</i> Sokolow, 1940	Lebertiidae	Lebertia		shadini		Syn. to <i>L. oblonga</i> : Gerecke 2009
<i>Lebertia sightori</i> Maglio, 1908	Lebertiidae	Lebertia		sightori		Spec. incerta: Gerecke 2009
<i>Lebertia silesiaca</i> Laska, 1955	Lebertiidae	Lebertia		silesiaca		Syn. to <i>L. pusilla</i> : Gerecke 2009
<i>Lebertia slovenica</i> Laska, 1954	Lebertiidae	Lebertia		slovenica		Syn. to <i>L. rufipes</i> : Gerecke 2009
<i>Lebertia stackelbergi</i> Sokolow, 1934	Lebertiidae	Lebertia		stackelbergi		Syn. to <i>L. porosa</i> : Besseling 1958a
<i>Lebertia sublitoralis</i> Walter, 1922	Lebertiidae	Lebertia		sublitoralis		Syn. to <i>L. oblonga</i> : Gerecke 2009
<i>Lebertia tauinsignita</i> (Lebert, 1879)	Lebertiidae	Lebertia		tauinsignita		Spec. incerta: Gerecke 2009
<i>Lebertia tenuipalpis</i> Halbert, 1944	Lebertiidae	Lebertia		tenuipalpis		Spec. incerta: Gledhill & Viets 1976
<i>Lebertia tenuistriata</i> Viets, 1937	Lebertiidae	Lebertia		tenuistriata		Syn. to <i>L. fimbriata</i> : Gerecke 2009
<i>Lebertia tuberosa</i> Thor, 1914	Lebertiidae	Lebertia		tuberosa		Syn. to <i>L. schechteli</i> : Gerecke 2009
<i>Lebertia wackeri</i> ((Walter) Bader, 1955)	Lebertiidae	Lebertia		wackeri		Syn. to <i>L. inaequalis</i> : Gerecke 2009
<i>Lebertia walteri</i> Thor, 1906	Lebertiidae	Lebertia		walteri		Spec. incerta: Gerecke 2009
<i>Lebertia zermattensis</i> Walter, 1922	Lebertiidae	Lebertia		zermattensis		Syn. to <i>L. maculosa</i> : Gerecke 2009
<i>Limnesia angustata</i> Sokolow, 1930	Limnesiidae	Limnesia		angustata		Syn. to <i>L. marmorata</i> : Van Haaren & Tempelman 2009
<i>Monatractides bicinctus</i> Laska, 1953	Torrenticolidae	Monatractides	Monatractides	bicinctus		Syn. to <i>M. madritensis</i> : Di Sabatino et al. 2009
<i>Monatractides parvipalpis</i> (Halbert, 1944)	Torrenticolidae	Monatractides	Monatractides	parvipalpis		Syn. to <i>M. madritensis</i> : Di Sabatino et al. 2009
<i>Monatractides robustus</i> (Halbert, 1944)	Torrenticolidae	Monatractides	Monatractides	robustus		Syn. to <i>M. madritensis</i> : Di Sabatino et al. 2009
<i>Neumania agilis</i> Koenike, 1916	Unionicolidae	Neumania	Neumania	agilis		Syn. to <i>N. limosa</i> (Koch, 1836): Pesic et al. 2006
<i>Neumania algeriensis</i> Bader, 1989	Unionicolidae	Neumania	Neumania	algeriensis		Syn. to <i>N. seurati</i> : Pesic et al. 2007
<i>Neumania atlantida</i> Lundblad, 1941	Unionicolidae	Neumania	Neumania	atlantida		Syn. to <i>N. uncinata</i> : Pesic et al. 2007
<i>Nilotonia gallica</i> Motas & Angelier, 1967	Anisitsiellidae	Nilotonia		gallica		Syn. to <i>N. parva</i> Walter, 1931: Gerecke & Moreno 2008

## Limnofauna; invalid species after Viets (1987) (date: 2009\_12\_8)

species complete	Family	Genus	Subgenus	Species	Subspecies	Taxonomic comments
Oxus halophilus E. Angelier, 1947	Oxidae	Oxus	Oxus	halophilus		Spec. incerta: Di Sabatino et al. 2009
Oxus integer Thor, 1901	Oxidae	Oxus	Oxus	integer		Spec. incerta: Di Sabatino et al. 2009
Oxus koenikei Thor, 1899	Oxidae	Oxus	Oxus	koenikei		Syn. to O. longisetus: Di Sabatino et al. 2009
Oxus lineatus Walter, 1913	Oxidae	Oxus	Oxus	lineatus		Spec. incerta: Di Sabatino et al. 2009
Paniscus clypeolatus (Maglio, 1909)	Hydryphantidae	Paniscus		clypeolatus		Syn. to P. torrenticolus: Di Sabatino et al. 2009
Protzia cabardinica (Sokolow, 1940)	Hydryphantidae	Protzia		cabardinica		Syn. to P. rotunda: Pestic 2005
Protzia invalvaris barsica Szalay, 1936	Hydryphantidae	Protzia		invalvaris	barsica	Subspec. incerta: Gerecke 1996a
Protzia invalvaris multispina Migot, 1926	Hydryphantidae	Protzia		invalvaris	multispina	Subspec. incerta: Gerecke 1996a
Protzia larrioui Motas & Soarec, 1939	Hydryphantidae	Protzia		larrioui		Spec. incerta: Gerecke 1996
Protzia macrognatha Walter, 1944	Hydryphantidae	Protzia		macrognatha		Syn. to P. distincta: Di Sabatino et al. 2009
Protzia multipora (Walter, 1922)	Hydryphantidae	Protzia		multipora		Syn. to P. squamosa squamosa: Di Sabatino et al. 2010
Protzia spinigera Viets, 1930	Hydryphantidae	Protzia		spinigera		Syn. to P. invalvaris: Lundblad 1956a
Pseudothyas trabecula Thor, 1899	Hydryphantidae	Pseudothyas		trabecula		Gen. incertum, spec. incerta: Di Sabatino et al. 2009
Sindacoides ticinensis Bader, 1992	Hydryphantidae	Sindacoides		ticinensis		Syn. to Panisopsis setipes: Di Sabatino et al. 2009
Sperchon carpaticus Biesiadka, 1972	Sperchontidae	Sperchon	Hispidosperchon	carpaticus		Spec. incerta: Di Sabatino et al. 2009
Sperchon monstruosus Bader, 1957	Sperchontidae	Sperchon	Hispidosperchon	monstruosus		Syn. to S. hibernicus: Di Sabatino et al. 2009
Sperchon ornatus Halbert, 1944	Sperchontidae	Sperchon	Hispidosperchon	ornatus		Spec. incerta: Di Sabatino et al. 2009
Sperchon sandozi Bader, 1988	Sperchontidae	Sperchon	Scutosperchon	sandozi		Syn. to S. hispidus: Di Sabatino et al. 2009
Sperchonopsis verrucosa reducta Sokolow, 1940	Sperchontidae	Sperchonopsis		verrucosa	reducta	Syn. to S. verrucosa: Özkan 1989
Stygothrombium hercyniense Viets, 1955	Stygothrombiidae	Stygothrombium	Stygothrombium	hercyniense		Syn. to S. chappuisi: Gerecke et al. 2005
Thyas extendens (.)	Hydryphantidae	Thyas		extendens		sp inc.
Thyas incerta Lundblad, 1942	Hydryphantidae	Thyas		incerta		Syn. to T. barbigeri Viets, 1908: Di Sabatino et al. 2009
Todothyas extendens (George, 1901)	Hydryphantidae	Todothyas	Acerbitas	extendens		Spec. incerta: Di Sabatino et al. 2009
Todothyas pachystoma pannonica (Szalay, 1956)	Hydryphantidae	Todothyas	Todothyas	pachystoma	pannonica	Syn. to T. pachystoma: Lundblad 1962
Todothyas pachystoma paucispina (Viets, 1920)	Hydryphantidae	Todothyas	Todothyas	pachystoma	paucispina	Syn. to T. pachystoma: Lundblad 1962
Todothyas pustulosa (Thor, 1901)	Hydryphantidae	Todothyas	?	pustulosa		Spec. incerta: Di Sabatino et al. 2009
Todothyas rivalis (Koenike, 1912)	Hydryphantidae	Todothyas	Todothyas	rivalis		syn. to palustris: Lundblad 1962
Todothyas valvata (Thor, 1899)	Hydryphantidae	Todothyas		valvata		Spec. incerta: Di Sabatino et al. 2009
Torrenticola maglioi (Koenike, )	Torrenticolidae	<i>Torrenticola</i>		maglioi		sp inc.: Di Sabatino et al. 2009
Torrenticola halberti (Thor, 1923)	Torrenticolidae	Torrenticola	Torrenticola	halberti		Spec. incerta: Di Sabatino et al. 2009
Torrenticola minutirostris (E. Angelier, 1954)	Torrenticolidae	Torrenticola	Torrenticola	minutirostris		Spec. dubia: Gerecke & Di Sabatino 1996
Torrenticola procerivalvata Viets, 1952	Torrenticolidae	Torrenticola	Torrenticola	procerivalvata		Spec. incerta: Di Sabatino et al. 2009
Torrenticola spirostris (Thor, 1897)	Torrenticolidae	Torrenticola	Torrenticola	spirostris		Spec. incerta: Di Sabatino et al. 2009
Trichothyas armata (Walter, 1935)	Hydryphantidae	Trichothyas		armata		Syn. to T. petrophila: K. Viets 1951d