



Fig. 3. Species richness index for the Midwest, USA.

**RECENT PLECOPTERA LITERATURE (CALENDAR YEAR 2012 AND EARLIER).** Papers made available after 1 February 2013 will be included in the next issue. **If papers were missed, please bring these to the attention of the Managing Editor.** Drs. Bill P. Stark, J. M. Tierno de Figueroa, and Peter Zwick are thanked for reviewing and providing additions to this present list.

Amore, V., B. Gaetani, A. M. Puig, and R. Fochetti. 2011. New data on the presence of hemocyanin in Plecoptera: Recomposing a puzzle. *Journal of Insect Science* 11: 1-20.

Arimoro, F. O., F. O. Nwadukwe, and K. I. Mordi. 2011. The influence of habitat and environmental water quality on the structure and composition of the adult aquatic insect fauna of the Ethiope River, Delta State, Nigeria. *Tropical Ecology* 24: 159-171.

Arimoro, F. O., G. E. Obi-lyeke, and P. J. O. Obukeni. 2012. Spatiotemporal variation of macroinvertebrates in relation to canopy cover and other environmental factors in Eriora River, Niger Delta, Nigeria. *Environmental Monitoring and Assessment* 184: 6449-6461.

Bailey, R. C., G. Scrimgeour, D. Cote, D. Kehler, S. Linke, and Y. Cao. 2012. Bioassessment of stream ecosystems enduring a decade of simulated degradation: lessons for the real world. *Canadian Journal of Fisheries and Aquatic Sciences* 69: 784-796.

Baumann, R. W. and R. G. Call. 2012. *Lednia tetonica*, a new species of stonefly from Wyoming (Plecoptera: Nemouridae). *Illiesia* 8: 104-110.

Bispo, P. da Conceição, and L. Silveira Lecci. 2012 (2011): Gripopterygidae (Plecoptera) from Paranapiacaba mountains, southeastern Brazil. *Annales de Limnologie - International Journal of Limnology* 47: 373–385.

Bogan, M. T. and K. S. Boersma. 2012. Aerial dispersal of aquatic invertebrates along and away from arid-land streams. *Freshwater Science* 31: 1131-1144.

Bojkova, J. and J. Kroca. 2012. Historic and current distribution of an endangered stonefly *Perla grandis* (Plecoptera: Perlidae) in the Czech Republic. *Klapalekiana* 47: 153-163.

Bojkova, J., K. Komprdova, T. Soldan, and S. Zahadkova. 2012. Species loss of stoneflies (Plecoptera) in the Czech Republic during the 20<sup>th</sup> century. *Freshwater Biology* 57: 2550-2567.

Boumans, L. and R. W. Baumann. 2012. *Amphinemura palmeni* is a valid Holarctic stonefly species (Plecoptera: Nemouridae). *Zootaxa* 3537: 59–75.

Boumans, L., and J.E. Brittain. 2012. Faunistics of stoneflies (Plecoptera) in Finnmark, northern Norway, including DNA barcoding of Nemouridae. *Norwegian Journal of Entomology* 59(2): 196-215.

Brinkman, S. and W. D. Johnston. 2102. Toxicity of zinc to several aquatic species native to the Rocky Mountains. *Archives of Environmental Contamination and Toxicology* 62: 272-281.

Cherchesova, S. K., M. N. Shioloshvili, A. V. Jakimov, E. V. Nemno, V. D. L'vov, and N. E. Kovilyaeva. 2012. Stoneflies (Insecta, Plecoptera) of Kabarda-Balkarian republic (the Central Caucasus). *Illiesia* 8: 174-181.

Couceiro, S. R. M., N. Hamada, B. R. Forsberg, T. P. Pimentel, and A. Luz. 2012. Macroinvertebrate multimetric index to evaluate the biological condition of streams in the Central Amazon region of Brazil. *Ecological Indicators* 18: 118-125.

Crosby, T. 2012. Ian McLellan's collection of Plecoptera now at New Zealand Arthropod Collection (NZAC), Auckland. *Perla* 30:13-14.

Danger, M., J. Cornut, A. Elger, and E. Chauvet. 2012. Effects of burial on leaf litter quality, microbial conditioning and palatability to three shredder taxa. *Freshwater Biology* 57: 1017-1030.

DeWalt, R.E., Y. Cao, S. A. Grubbs, L. Hinz, T. Tweddale, J. L. Robinson, and M. Pessino. 2012. Modeling presettlement range of stoneflies in Midwest, U.S.A. and Canada. *Perla* 30:15-22.

DeWalt, R. E., Y. Cao, T. Tweddale, S. A. Grubbs, L. Hinz, M. Pessino, and J. L. Robinson. 2012. Ohio USA stoneflies (Insecta, Plecoptera): species richness estimation, distribution of functional niche traits, drainage affiliations, and relationships to other states. *Zookeys* 2012 (178): 1-26. DOI 10.3897/zookeys.178.2616

Di Prinzio, C. Y., and R. J. Casaux. 2012. Dietary overlap among native and non-native fish in Patagonian low-order streams. *Annales de Limnologie-International Journal of Limnology* 48: 21-30.

Didham, R. K., T. J. Blakely, R. M. Ewers, T. R. Hitchings, J. B. Ward, and M. J. Winterbourn. 2012. Horizontal and vertical structuring in the dispersal of adult aquatic insects in a fragmented landscape. *Fundamental and Applied Limnology* 180: 27-40.

Dshiojeva, I. E. 2012. On the distribution of genus *Brachyptera* Newport, 1851 (Plecoptera, Taeniopterygidae) in the Caucasus. *Contemporary problems of ecology and conservation of biodiversity in Russia and adjacent countries* 8: 36-38. North Ossetian K.L. Khetagurov State University. Vladikavkaz. In Russian.

Du, Y. Z. and Y. H. Qian. 2012. *Paraleuctra cervicornis* (Plecoptera: Leuctridae), a new stonefly from China. *Journal of Natural History*. 46: 1059-1063.

Duda, J. J., H. J. Coe, and S. A. Morley. 2011. Establishing spatial trends in water chemistry and stable isotopes ( $\delta^{15}\text{N}$  and  $\delta^{13}\text{C}$ ) in the Elwha River prior to dam removal and salmon recolonization. *River Research and Applications* 27: 1169-1181.

Fierro, P., C. Bertran, M. Maritza, F. Pena-Cortes, J. Tapia, E. Hauenstein, and L. Vargas-Chacoff, Luis. 2012. Benthic macroinvertebrate assemblages as indicators of water quality applying a modified biotic index in a spatio-seasonal context in a coastal basin of Southern Chile. *Revista de Biología Marina y Oceanografía* 47: 23-33.

Fochetti, R. 2012. Italian freshwater biodiversity: status, threats and hints for its conservation. *Italian Journal of Zoology* 79(1): 2-8.

Fontaine B., K. van Achtenberg, M.A. Alonso-Zarazaga, R. Araujo, M. Asche, H. Aspöck, U. Aspöck, P. Audisio, B. Aukema, N. Bailly, M. Balsamo, R. Bank, C. Belfiore, W. Bogdanowicz, G. Boxshall, D. Burckhardt, P. Chylarecki, L. Deharveng, A. Dubois, H. Enghoff, R. Fochetti, C. Fontaine, O. Gargominy, M.S. Gómez López, D. Goujet, M.S. Harvey, P. Heller K van Helsdingen, H. Hoch., Y. De Jong, O. Karsholt, W. Los, W. Magowski, J. Massard, S. McInnes, L. Mendes, E. Mey, V. Michelsen, A. Minelli, J.M. Nieto Nafría, E. van Nieuwerkerken, T. Pape, W. De Prins, M. Ramos, C. Ricci, C. Roselaar, E. Rota, H. Segers, T. Timm, J. van Tol, and P. Bouchet. 2012. New species in the Old World: Europe as a frontier in biodiversity exploration, a test bed for 21st Century taxonomy. *Plos Biology* 7(5): e36881. doi:10.1371/journal.pone.0036881.

Froehlich, C. G. 2012. Plecoptera. In: Rafael, J.A., Melo, G.A.R., Carvalho, C.J.B., Casari, S.A. and Constantino, R. (Eds), Insetos do Brasil. Diversidade e Taxonomia. Holos, editora, Ribeirão Preto, pp. 257-261.

Gamboa, M., M. Mercedes-Castillo, and R. Guerrero. 2012. *Anacroneuria* spp. (Insecta: Plecoptera: Perlidae) as paratenic hosts of *Pheromermis* sp. (Nematoda: Mermithidae) in Venezuela. *Nematology* 14:185-190.

Gavira, O. 2012. Presencia de *Eoperla ochracea* (Kolbe, 1885) (Plecoptera: Perlidae) en la provincia de Málaga (S España) [Presence of *Eoperla ochracea* (Kolbe, 1885) (Plecoptera: Perlidae) in Málaga province (S Spain). *Zoologica Baetica* 23: 53-56. (In Spanish).

Gottardo, M., D. Mercati, and R. Dallai. 2102. The spermatogenesis and sperm structure of *Timema poppensis* (Insecta: Phasmatodea). *Zoomorphology* 131: 209-223.

Graf, W., A. Popijač, A. Previšić, M. Gamboa, and M. Kučinić. 2012. Contribution to the knowledge of *Siphonoperla* in Europe (Plecoptera: Chloroperlidae): *Siphonoperla korab* sp. n. *Zootaxa* 3164: 41–48.

Grubbs, S. A. 2012. An amended redescription of the male of *Perlesta etnieri* (Plecoptera: Perlidae) plus new *Perlesta* state records. *Illiesia* 8: 111-113.

Grubbs, S. A. and R. E. DeWalt. 2012. *Perlesta ephelida*, a new Nearctic stonefly species (Plecoptera, Perlidae). *Zookeys* 2012 (194): 1-15. DOI 10.3897/zookeys.194.2972

Grubbs, S. A., M. Pessino, and R. E. DeWalt. 2012. Michigan Plecoptera (stoneflies): distribution patterns and an updated species list. *Illiesia* 8: 162-173.

Hammett, M. J. 2012. *Nemoura lacustris* Pictet, 1865 (Plecoptera: Nemouridae)- An addition to the British list. *Entomologist's Monthly Magazine* 148: 43-45.

Hammock, B. G., N. Y. Krigbaum, and M. L. Johnson, 2012. Incorporating invertebrate predators into theory regarding the timing of invertebrate drift. *Aquatic Ecology* 46: 153-163.

Hohmann, M., W. Kleinstüber, and D. Spitzenberg. 2012. The Wustrower Dumme - a former inland German border water area as a habitat for rare aquatic insects (Ephemeroptera, Plecoptera, Heteroptera, Coleoptera, Trichoptera). *Entomologische Mitteilungen Sachsen-Anhalt* 20: 3-19.

Jacquemin, G. and D. Vein. 2012. The aquatic insects of a standard small plain river in NE France, with emphasis on remarkable species. *Aquatic Insects* 34: 11-22.

- Jardine, T. D., K. A. Kidd, and J. B. Rasmussen. 2012. Aquatic and terrestrial organic matter in the diet of stream consumers: implications for mercury bioaccumulation. *Ecological Applications* 22: 843-855.
- Judson, S. W. and C. R. Nelson. 2012. A guide to Mongolian stoneflies (Insecta: Plecoptera). *Zootaxa* 3541: 1-118.
- Kalaninova, D. and E. Bulankova. 2011. Ecological quality assessment of the Gidra River by means of mayflies (Ephemeroptera) and stoneflies (Plecoptera). *Folia Faunistica Slovaca* 16: 157-164.
- Kil, H. K. and Y. J. Bae. 2012. Effects of low-head dam removal on benthic macroinvertebrate communities in a Korean stream. *Animal Cells and Systems*. 16: 69-76.
- Kondratieff, B. C. and R. W. Baumann. 2012. A new species of the western North American genus *Triznaka* from Oregon (Plecoptera: Chloroperlidae). *Illiesia* 8: 10-15.
- Kovács, T. 2011. Psammophilous Ephemeroptera and Plecoptera in Hungary. *Folia Historico-naturalia Musei Matraensis* 35: 33-38.
- Kovács, T., P. Olajos, and G. Szilágyi, G. 2011. Records of Ephemeroptera, Odonata and Plecoptera from Lithuania, with notes on aquatic arthropods. *Folia Historico-Naturalia Musei Matraensis* 35: 21-32.
- Kovács, K., B. Csányi, Cs. Deák, Z. Kálmán, T. Kovács, and J. Szekeres. 2011. A 2009. évi Rába-vizsgálat vízi makrogerinctelenekre vonatkozó eredményei I. Faunisztika. [Result of the Rába Survey 2009 on aquatic macroinvertebrates I. Faunistical results]. *Acta Biologica Debrecina, Supplementum Oecologica Hungarica* 26: 135-151. (In Hungarian).
- Kovács, T., G. Vinçon, D. Murányi, and I. Sivec. 2012. A new *Perlodes* species and its subspecies from the Balkan Peninsula (Plecoptera: Perlodidae). *Illiesia* 8: 182-192.
- Krno, I. and M. Ziak. 2012. Macrodistributions and microdistributions of stoneflies of calcareous submontane rivers of the West Carpathians, with different land cover. *Aquatic Insects* 34: 65-84.
- Kruitbos, L. M., D. Tetzlaff, C. Soulsby, J. Buttle, S. K. Carey, H. Laudon, J. J. McDonnell, K. McGuire, J. Seibert, and R. Cunjak. 2012. Hydroclimatic and hydrochemical controls on Plecoptera diversity and distribution in northern freshwater ecosystems. *Hydrobiologia* 693:39-53.
- Kubikova, L., O. P. Simon, K. Ticha, K. Douda, M. Maciak, and M. Bily. 2012. The influence of mesoscale habitat conditions on the macroinvertebrate composition of springs in a geologically homogeneous area. *Freshwater Science* 31: 668-679.

Labat, F. 2012. The benthic macro-invertebrates of the Dordogne Basin. First article: the Autoire river (46, Lot department). *Bulletin de la Societe Linneenne de Bordeaux* 40: 73-80.

Letovsky, E., I. E. Myers, A. Canepa, and D. J. McCabe. 2012. Differences between kick sampling techniques and short-term Hester-Dendy sampling for stream macroinvertebrates. *Bios (Florence)* 83: 47-55.

Li, F., Q. H. Cai, W. X. Jiang, and X. D. Qu. 2012. Macroinvertebrate relationships with water temperature and water flow in subtropical monsoon streams of Central China: implications for climate change. *Fundamental and Applied Limnology*. 180: 221-231.

Li, F., N. Chung, M-J. Bae, Y-S. Kwon, and Y-S. Park. 2012. Relationships between stream macroinvertebrates and environmental variables at multiple spatial scales. *Freshwater Biology* 57: 2107-2124.

Li, W. and R. E. Dewalt. 2012. A new species of *Togoperla* (Plecoptera: Perlidae) from China with a revised key to *Togoperla* males. *Zootaxa* 3564: 54–60.

Li, W. and G. Wang. 2012. A synopsis of *Agnentina* (Plecoptera: Perlidae) from Vietnam. *Zootaxa* 3526: 84–88.

Li, W. and D. Yang. 2012. A review of *Rhopalopsale magnicerca* group (Plecoptera: Leuctridae) from China. *Zootaxa* 3582: 17–32.

Li, W., G. Wang and W. Lu. 2012. Species of *Neoperla* (Plecoptera: Perlidae) from Hubei, China. *Zootaxa* 3478: 32–37.

Li, W., G. Wang and D. Yang. 2012. Two new species of *Nemoura* (Plecoptera: Nemouridae) from China. *Zootaxa* 3427: 63–68.

Li, W., L. Wang and H. Yu. 2012. First record of *Kamimuria* (Plecoptera: Perlidae) from Hainan Island of China, with description of *K. hainana* n. sp. *Zootaxa* 3500: 84–88.

Li, W., G. W. Wenliang and D. Murányi. 2012. Review of *Neoperla* (Plecoptera: Perlidae) from Guangdong Province of China. *Zootaxa* 3597: 15–24.

López-Rodríguez, M. J. and J. M. Tierno de Figueroa. 2012. Life in the dark: on the biology of the cavernicolous stonefly *Protonemura gevi* (Insecta, Plecoptera). *American Naturalist* 180: 684-691.

López-Rodríguez, M. J., J. M. Luzón-Ortega, and J. M. Tierno de Figueroa. 2012. On the biology of two high mountain populations of stoneflies (Plecoptera, Perlodidae) in Southern Iberian Peninsula. *Limnetica* 31(2): 205-212.

- López-Rodríguez, M. J., J. M. Tierno de Figueroa, T. Bo, A. Mogni, and S. Fenoglio. 2012. Living apart together: On the biology of two sympatric *Leuctra* species (Plecoptera, Leuctridae) in an Apenninic Stream, Italy. *International Review of Hydrobiology* 97: 117-123.
- López-Rodríguez, M. J., C. E. Trenzado, J. M. Tierno de Figueroa, and A. Sanz. 2012. Digestive enzyme activity and trophic behavior in two predator aquatic insects (Plecoptera, Perlidae). A comparative study. *Comparative Biochemistry and Physiology Part A Molecular and Integrative Physiology* 162: 31-35.
- López-Rodríguez, M. J., I. Peralta-Maraver, B. Gaetani, C. E. Sainz-Cantero, R. Fochetti, and J. M. Tierno de Figueroa. 2012. Diversity patterns and food web structure in a Mediterranean intermittent stream. *International Review of Hydrobiology* 97(6): 485-496.
- Lubini, V., S. Knispel, and G. Vinçon. 2012. Les plécoptères de Suisse: identification et distribution. *Fauna Helvetica* 27, CSCF and SEG, Neuchâtel.
- Lounaci, A. 2011. Les macroinvertébrés benthiques des cours d'eau de Kabylie: faunistique, écologie et répartition géographique [The macroinvertebrates of Kabylia: faunistics, ecology and geographic distribution]. Congrès annuel de la SZF, Parc Phoenix, Nice, 13-16 septembre 2011
- Lubini, V., S. Knispel, and G. Vinçon. 2012. Die Steinfliegen der Schweiz Bestimmung und Verbreitung / Les Plécoptères de Suisse. Identification et distribution. [The Plecoptera of Switzerland. Identification and distribution]. *Fauna Helvetica* 27: 270 pp. Centre suisse de cartographie de la faune and Schweizerische Entomologische Gesellschaft, Neuchâtel, in German and French.
- Lubini, V., S. Knispel, M. Sartori, H. Vicentini, and A. Wagner. 2012. Listes rouges Ephémères, Plécoptères, Trichoptères. Espèces menacées en Suisse, état 2010. [Red Lists Ephemeroptera, Plecoptera, Trichoptera. Species endangered in Switzerland]. Office Fédéral de l'environnement, Berne, et Centre Suisse de Cartographie de la Faune, Neuchâtel. *L'environnement pratique* n° 12, 111 pp. In French.
- Lucadamo, L., A. Mezzotero, N. J. Voelz, and L. Gallo. 2012. Seasonal changes of abiotic and biotic gradients downstream a multiple use reservoir in a Mediterranean River. *River Research and Applications* 28: 103-117.
- Luzón-Ortega, J. M., M. J. López-Rodríguez, and J. M. Tierno de Figueroa. 2012. Description of the drumming signal of *Eoperla ochracea* (Kolbe, 1885) (Plecoptera: Perlidae). *Aquatic Insects* 34: 19-22.
- Lytle, D. A. and A. F. McMullen. 2012. Quantifying invertebrate resistance to floods: a global-scale meta-analysis. *Ecological Applications* 22: 2164-2175.

- McCulloch, G. A. 2010. Evolutionary genetics of southern stoneflies. PhD thesis, University of Otago, Dunedin, New Zealand
- Maloney, K. O., M. Schmid, and D. E. Weller. 2012. Applying additive modelling and gradient boosting to assess the effects of watershed and reach characteristics on riverine assemblages. *Methods in Ecology and Evolution*. 3: 116-128.
- Mariluan, G. D., G. P. Viozzi, and R. J. Albarino. 2012. Trematodes and nematodes parasitizing the benthic insect community of an Andean Patagonian stream, with emphasis on plagiorchiid metacercariae. *Invertebrate Biology* 131: 285-293.
- Martinson, R. J., J. B. Sandberg, and B. C. Kondratieff. 2012. Life History and Food Habits of *Isoperla quinquepunctata* (Banks) (Plecoptera: Perlodidae) from a spring source and Willow Creek in the Piceance Basin, Colorado. *Illiesia* 8 (12): 125-133.
- Mebane, C. A. F. S. Dillon, and D. P. Hennessy. 2012. Acute toxicity of cadmium, lead, zinc, and their mixtures to stream-resident fish and invertebrates. *Environmental Toxicology and Chemistry* 31: 1334-1348.
- Miller, K. B., C. Hayashi, M. F. Whiting, G. J. Svenson, and J. S. Edgerly. 2012. The phylogeny and classification of Embioptera (Insecta). *Systematic Entomology* 37: 550-570.
- Monk, W. A., P. J. Wood, D. M. Hannah, C. A. Extence, R. P. Chadd, and M. J. Dunbar. 2012. How does macroinvertebrate taxonomic resolution influence ecohydrological relationships in riverine ecosystems? *Ecohydrology* 5: 36-45.
- Murányi, D., J. M. Tierno del Figueroa, and M. J. López-Rodríguez. 2012. On the trophic role of *Leuctra* cf. *signifera* (Plecoptera, Leuctridae) in a small stream in Mara valley (East Carpathians, Romania). *Illiesia* 8: 147-151.
- Nelson, C.R., J.B. Sandberg, D. Murányi, and B.C. Kondratieff. 2012. Interesting winter emerging stoneflies (Plecoptera: Capniidae) from Southern California. *Perla* 30: 16-23.
- Newell, R. L. and R. W. Baumann. 2012. Stonefly sex gone awry: an attempted mating by a *Perlinodes aureus* (Smith) male with a *Pteronarcys californica* Newport male. *Illiesia* 8: 152-157.
- Novaes, M. C., P. C. Bispo, and J. Higuti. 2012. A description of the nymph of *Anacroneuria ofaye* Froehlich (Plecoptera: Perlidae) and an apparatus for rearing Neotropical stonefly species. *Zootaxa* 3547: 71-77.
- O'Leary, S. J. and K. M. Wantzen. 2012. Flood pulse effects on benthic invertebrate assemblages in the hypolacustric interstitial zone of Lake Constance. *Annales de Limnologie-International Journal of Limnology* 48: 267- 277.



Odume, O. N., W. J. Muller, F. O. Arimoro, and C. G. Palmer. 2012. The impact of water quality deterioration on macroinvertebrate communities in the Swartkops River, South Africa: a multimetric approach. *African Journal of Aquatic Science* 37: 191-200.

Peralta-Maraver, I., M. J. López-Rodríguez, and J. M. Tierno de Figueroa. 2012. Life history of two aquatic insects in the Cacín stream (SE Spain): *Leuctra geniculata* (Plecoptera) and *Serratella ignita* (Ephemeroptera). *Zoologica Baetica* 23: 57-68.

Pessacq, P. and G. H. Omad. 2012. Description of the larva and redescription of the adult male of *Diamphipnoa helgae* Illies, 1960 (Plecoptera: Diamphipnoidae). *Zootaxa* 3341: 64-68.

Petrin, Z. 2011. Species traits predict assembly of mayfly and stonefly communities along pH gradients. *Oecologia* 167: 513-524.

Pereira, L. R., H. S. R. Cabette, and L. Juen. 2012. Trichoptera as bioindicators of habitat integrity in the Pindaiba river basin, Mato Grosso (Central Brazil). *Annales de Limnologie-International Journal Limnology* 48: 295- 302.

Plieva, M. G. 2012. To the knowledge of amphibiotic insects of river Solenaja (Basin of river Fiagdon). Contemporary problems of ecology and conservation of biodiversity in Russia and adjacent countries 8: 83-85. North Ossetian K.L. Khetagurov State University. Vladikavkaz. In Russian

Pliuraite, V. and V. Kesminas. 2012. Ecological impact of Eurasian beaver (*Castor fiber*) activity on macroinvertebrate communities in Lithuanian trout streams. *Central European Journal of Biology* 7: 101-114.

Pond, G. 2012. Biodiversity loss in Appalachian headwater streams (Kentucky, USA): Plecoptera and Trichoptera communities. *Hydrobiologia* 679 (1): 97-117.

Popijac, A. and I. Sivec. 2011. Stonefly (Plecoptera) fauna in the lower reach of the Una River in Croatia. *Entomologia Croatica* 15: 131-143.

Puig, M.A., N. Ubero-Pascal, and R. Fochetti. 2012. Cuando ya no queda donde vivir: el declive de las especies fluviales de alta montaña [When there is no longer to live: the decline of the high mountain river species]. In: Grimalt, J.O. (ed), *Cambios climáticos rápidos y sus consecuencias*. Editorial La Catarata, Madrid. (In Spanish)

Qian, Y. H. and Y. Z. Du. 2012. A new stonefly species, *Rhopalopssole tricuspis* (Leuctridae: Plecoptera), and three new records of stoneflies from the Qinling Mountains of Shaanxi, China. *Journal of Insect Science*. 12: 47 [insectscience.org/12.47](http://insectscience.org/12.47)

Qian, Y. H. and Y. Z. Du. 2012. Two new species of the genus *Rhopalopssole* (Plecoptera: Leuctridae) from China. *Entomotaxonomia* 34: 17-21.

- Ramchunder, S. J., L. E. Brown, and J. Holden. 2012. Catchment-scale peatland restoration benefits stream ecosystem biodiversity. *Journal of Applied Ecology* 49: 182-191.
- Raposeiro, P. M., A. M. Cruz, S. J. Hughes, and A. C. Costa. 2012. Azorean freshwater invertebrates: Status, threats and biogeographic notes. *Limnetica* 31: 13- 22.
- Ray, D. H., R. L. Abad, A. K. Rasmussen, and B. P. Stark. 2012. New records and an updated checklist of the stoneflies (Plecoptera) from Florida. *Illiesia* 8(1): 1-9.
- Rebori, A., M. Zavattieri, N. Sinitshenkova, L. M. Belen, and R. G. Martins-Neto. 2011. The most ancient Platyperlidae (Insecta, Perlida=Plecoptera) from early late Triassic deposits in southern South America. *Ameghiniana* 48: 447-461.
- Schletterer, M., and V. V. Kuzovlev. 2012. Documentation of the presence of *Gmelinoides fasciatus* (Stebbing 1899) and the native fauna in the Volga River at Tver (Tver Region, Russia). *Aquatic Insects* 34, Supplement 1: 139-155.
- Schultheis, A., J. Y. Booth, L. R. Perlmutter, J. E. Bond, and A. L. Sheldon. 2012. Phylogeography and species biogeography of montane Great Basin stoneflies. *Molecular Ecology* 21: 3325-3340.
- Sere, D. 2012. Savi's warbler *Locustella luscinioides*. *Acrocephalus* (Ljubljana) 32: 101-102.
- Sheldon, A. L. 2012. Possible climate-induced shift of stoneflies in a southern Appalachian catchment. *Freshwater Science* 31: 765-774.
- Silva, J. C. da, R. L. Delariva, and K. O. Bonato. 2012. Food-resource partitioning among fish species from a first-order stream in northwestern Parana, Brazil. *Neotropical Ichthyology* 10: 389-399.
- Shiolashvili, M. N., Zhiltzova, L.A., Sinitshenkova, N.D., and S. K. Cherchesova. 2012. Zoogeographic composition of the Plecoptera fauna of northern slopes of the Central Caucasus. Contemporary problems of ecology and conservation of biodiversity in Russia and adjacent countries 8: 122-124. North Ossetian K. L. Khetagurov State University. Vladikavkaz. In Russian.
- Sinitean, A. and M. Petrovici. 2012. Usage of biotic indices in evaluating the impact of the urban centres on the quality of the water in rivers. *AAFL Bioflux* 5: 60-63.
- Sivec, I. and B. P. Stark. 2012. Seven new species of *Perlomyia* (Plecoptera: Leuctridae) from Japan. *Illiesia* 8: 94-103.
- Sivec, I. and B. P. Stark. 2012. The genus *Perlomyia* Banks in Taiwan (Plecoptera: Leuctridae). *Illiesia* 8: 119-124.

- Soofiani, N. M., R. Hatami, M. R. Hemami, and E. Ebrahimi. 2012. Effects of Trout Farm Effluent on Water Quality and the Macroinvertebrate Community of the Zayandeh-Roud River, Iran. *North American Journal of Aquaculture* 74: 132-141.
- Soucek, D. J. and A. Dickinson. 2012. Acute toxicity of nitrate and nitrite to sensitive freshwater insects, mollusks, and a crustacean. *Archives of Environmental Contamination and Toxicology* 62 (2): 233-242.
- Spitale, D. 2012. A comparative study of common and rare species in spring habitats. *Ecoscience* 19: 80-88.
- Spitale, D., M. Leira, N. Angeli, and M. Cantonati. 2012. Environmental classification of springs of the Italian Alps and its consistency across multiple taxonomic groups. *Freshwater Science* 31: 563-574.
- Stark, B. P. 2012. *Anacroneuria pakaraima* and *A. wokomung*, two new stonefly species from Guyana (Plecoptera: Perlidae). *Illiesia* 8: 114-118.
- Stark, B. P. and B. C. Kondratieff. 2012. Epiproct and dorsal process structure in *Allocapnia forbesi* Frison, *A. pygmaea* (Burmeister), and *A. rickeri* Frison species groups (Plecoptera: Capniidae), and inclusion of *A. minima* (Newport) in a new species group. *Illiesia* 8: 45-77.
- Stark, B. P., B. C. Kondratieff, and B. Gill. 2012a. New species and records of *Anacroneuria* (Plecoptera) from Ecuador and Paraguay. *Illiesia* 8: 78-93
- Stark, B. P., B. C. Kondratieff, and B. Gill. 2012b. Notes on *Claudioperla tigrina* (Klapálek) in Ecuador (Plecoptera: Gripopterygidae). *Illiesia* 8: 141-146.
- Stark, B. P., I. Sivec, and T. Shimizu. 2012. Notes on *Rhopalopsole* Klapálek (Plecoptera: Leuctridae), with descriptions of three new species from Vietnam. *Illiesia* 8: 134-140.
- Stark, B. P., K. W. Stewart, S. W. Szczytko, R. W. Baumann, and B. C. Kondratieff. 2012. Scientific and common names of Nearctic stoneflies (Plecoptera), with corrections and additions to the list. *Miscellaneous Contribution No. 1*. The Caddis Press, Columbus, Ohio. 20 pp.
- Stewart, K. W. and B. C. Kondratieff. 2012. Larvae of the Nearctic species of the stonefly genus *Megarcys* Klapálek (Plecoptera: Perlodidae). *Illiesia* 8:16-36.
- Stewart, P.M., S. Bhattarai, M. W. Mullen, C. K. Metcalf, and E. G. Reategui-Zirena. 2012. Characterization of large wood and its relationship to pool formation and macroinvertebrate metrics in southeastern coastal plain streams, USA. *Journal of Freshwater Ecology*. 27: 351-365.

- Suhaila, A. H., M. R. C. Salmah, and S. A. Al-Shami. 2012. Temporal distribution of Ephemeroptera, Plecoptera and Trichoptera (EPT) adults at a tropical forest stream: response to seasonal variations. *Environmentalist* 32: 28-34.
- Sun, H.-T. and Y.-Z. Du. 2012. Two new species of the genus *Kamimuria* (Plecoptera: Perlidae) from China, with redescription of *Kamimuria cheni* Wu and *Kamimuria chungnanshana* Wu. *Zootaxa* 3455: 61–68.
- Sutherland, A. B., J. M. Culp, and G. A. Benoy. 2012. Evaluation of deposited sediment and macroinvertebrate metrics used to quantify biological response to excessive sedimentation in agricultural streams. *Environmental Management* 50: 50-63.
- Svobodova, J., J. Matena, J. Kopacek, S. Polakova, and J. Vrba. 2012. Spatial and temporal changes of benthic macroinvertebrate assemblages in acidified streams in the Bohemian Forest (Czech Republic). *Aquatic Insects* 34: 157- 72.
- Szivak, I. and Z. Csabai. 2012. Are there any differences between taxa groups having distinct ecological traits based on their responses to environmental factors? *Aquatic Insects* 34: 173-187.
- Torii, T., K. Saito, and M. Himura. 2012. Benthic macro-invertebrate fauna of the Sakawagawa River system, and cluster analysis for grasping the river ecosystem on basin scale. *Natural History Report of Kanagawa* 33: 55-64.
- Teslenko, V. A. 2011. New records of stoneflies (Plecoptera) for Timpton River Basin (the Southern Yakutiya) *Evraziatskii Entomologicheskii Zhurnal* 10: 385-389.
- Teslenko, V. A. 2012. A new species of *Neoperla* (Plecoptera: Perlidae) from the southern region of the Russian Far East. *Zootaxa* 3526: 79–83.
- Teslenko V. A. 2012. The stonefly fauna (Insecta, Plecoptera) of the Jewish Avtonomnaya Oblast in the Russian Far East. *Evraziatskii Entomologicheskii Zhurnal* 11: 29-36.
- Teslenko, V. A. 2012. A taxonomic revision of the genus *Arcynopteryx* Klapálek, 1904 (Plecoptera, Perlodidae). *Zootaxa* 3329: 1–18.
- Teslenko, V. A. and L. A. Zhiltzova. 2012. A new rare species of *Arcynopteryx* (Plecoptera: Perlodidae) from the basin of Lake Baikal (Russia). *Zootaxa* 3427: 57–62.
- Theissingner, K., M. Balint, K. A. Feldheim, P. Haase, J. Johannesen, I. Laube, and S. U. Pauls. 2012. Glacial survival and post-glacial recolonization of an arctic-alpine freshwater insect (*Arcynopteryx dichroa*, Plecoptera, Perlodidae) in Europe. *Journal of Biogeography* 2012: 1-13.

Tierno de Figueroa, J. M., C. E. Trenzado, M. J. Lopez-Rodriguez, and A. Sanz 2011. Digestive enzyme activity of two stonefly species (Insecta, Plecoptera) and their feeding habits. *Comparative Biochemistry and Physiology, Part A, Molecular and Integrative Physiology* 160: 426-430.

Tierno de Figueroa, J.M., M.J. López-Rodríguez, S. Fenoglio, P. Sánchez-Castillo and R. Fochetti. 2012. Freshwater biodiversity in the rivers of the Mediterranean Basin. *Hydrobiologia* (special issue “Mediterranean Rivers”, N. Bonada and V. Resh eds.): 2012, DOI 10.1007/s10750-012-1281-z. pp. 1-50.

Tixier, G., V. Felten, and F. Guerold. 2012. Population characteristics and feeding habits of *Siphonoperla torrentium* subject to varying prey, predator, and competitor abundance across an acidification gradient. *Freshwater Science* 31: 191-204.

Trautwein, M. D., B. M. Wiegmann, R. Beutel, K. M. Kjer, and D. K. Yeates. 2012. Advances in Insect Phylogeny at the Dawn of the Postgenomic Era. *Annual Review of Entomology* 57: 449–468.

Valenty, J. and S. J. Fisher. 2012. Effect of previous use and processing technique on performance of multiplate Hester-Dendy samplers. *Freshwater Science* 31: 78- 82.

Vera, A. 2011. Nuevos registros distribucionales de *Notoperla* Enderlein (Insecta: Plecoptera), con comentarios taxonómicos y biológicos. [New distributional records of *Notoperla* Enderlein (Insecta: Plecoptera), with taxonomic and biological comments]. *Anales Instituto Patagonia* (Chile), 2011. 39(1):109-112. [In Spanish]

Vera, A. 2012. A new species of *Chilenoperla* (Plecoptera: Gripopterygidae) from the Andes of South America. *Zootaxa* 3268: 63–68.

Vera, A., A. Zuñiga-Reinoso, and C. Muñoz-Escobar. 2012. Perspectiva histórica sobre la distribución de *Andiperla willinki* “Dragón de la Patagonia” (Plecoptera: Gripopterygidae). [Historical perspective on the distribution of *Andiperla willinki* “Patagonian Dragon” (Plecoptera: Gripopterygidae)]. *Revista Chilena de Entomología* 37:87-93. [In Spanish].

Vinçon, G. 2012. *Leuctra delmastroi* sp. n., a new Alpine species, with comments on the micro-endemism in the *Leuctra* genus in the southwestern Alps (Plecoptera, Leuctridae). *Mitteilungen der Schweizerischen Entomologischen Gesellschaft* 85: 201-208.

Vjasov, V. O. 2012. On the question of the food of amphibiotic insects in the larval developmental stage. Contemporary problems of ecology and conservation of biodiversity in Russia and adjacent countries 8: 22-24. North Ossetian K.L. Khetagurov State University. Vladikavkaz. In Russian.

- Wagenhoff, A., C. R. Townsend, and C. D. Matthaei. 2012. Macroinvertebrate responses along broad stressor gradients of deposited fine sediment and dissolved nutrients: a stream mesocosm experiment. *Journal of Applied Ecology* 49: 892- 902.
- Wang, B., D. Liu, S. Liu, Y. Zhang, D. Lu, and L. Wang. 2012. Impacts of urbanization on stream habitats and macroinvertebrate communities in the tributaries of Qiangtang River, China. *Hydrobiologia* 680: 39-51.
- Watts, P. C., and D. J. Thompson. 2012. Developmental plasticity as a cohesive evolutionary process between sympatric alternate-year insect cohorts. *Heredity* 108: 236-241.
- Weiss, S., D. Stradner, and W. Graf. 2012. Molecular systematics, evolution and zoogeography of the stonefly genus *Siphonoperla* (Insecta: Plecoptera, Chloroperlidae). *Journal of Zoological Systematics and Evolutionary Research*. 50: 19-29.
- Welter-Schultes, F. and F. Wieland. 2012. Case 3548. A proposal for the treatment of *Memoires pour servir a l'histoire des insectes* by De Geer (1752-1778) and the additional volume by Retzius (1783). *Bulletin of Zoological Nomenclature* 69: 3-19.
- White, H. L., S. J. Nichols, W. A. Robinson, and R. H. Norris. 2012. More for less: a study of environmental flows during drought in two Australian rivers. *Freshwater Biology* 57: 858-873.
- Williaqm, R. T. and D. B. Strongman. 2012. Two new genera of fungal trichomycetes, *Bractromyces* and *Laculus* (Harpellales) from Nova Scotia, Canada. *Botany-Botanique* 90: 101-111.
- Wolf, B., R. Angersbach, and P. Zub. 2012. Sind bereits Auswirkungen der Klimaerwärmung auf montane Stein-, Köcherfliegen- und Schmetterlingsarten der Rhön erkennbar? [Has climate change already had an effect on montane stoneflies, caddisflies and lepidopteran species of the Rhoen?] *Beitraege zur Naturkunde in Osthessen* 48: 3-24. [In German]
- Yakimov, A. V., I. V. Ivanov, M. Yu Losanova, and M. T. Shobekova. 2012. Drifting fauna of river Baksan (Kabardino-Balkarija). *Contemporary problems of ecology and conservation of biodiversity in Russia and adjacent countries* 8: 125-131. North Ossetian K.L. Khetagurov State University. Vladikavkaz. [In Russian]
- Ye, Y-X., N. Wang, and D. Chang-Qing. 2102. Winter Feeding Site Selection and Food Resource of Ibisbill in Western Sichuan Province, China. *Chinese Journal of Zoology* 47: 46-51.
- Yoshimura, M. 2012. Effects of forest disturbances on aquatic insect assemblages. *Entomological Science* 15: 145-154.

- Yoshimura, M., X.L. Tong, Y.F.Wang, Z.Y. Guan, J.M. Mo and M. Yoh. 2012. Responses of benthic invertebrate assemblages to shifts in the acidity of subtropical mountain streams. *Tropical Zoology* 25: 16-30.
- Zhang, Y., B. Wang, M. Han, and L. Wang. 2012. Relationships between the seasonal variations of macroinvertebrates, and land uses for biomonitoring in the Xitiaoxi River Watershed, China. *International Review of Hydrobiology* 97: 184-199.
- Zhiltzova, L. A. and P. Zwick. 2012. *Isoperla prokopovi*, a new presumedly parthenogenetic stonefly from Crimea (Plecoptera, Perlodidae). *Illiesia* 8: 37-44.
- Zhiltzova, L. A., S. K. Cherchesova, and I. E. Dzhioeva. 2012. Description of the larvae of the Caucasian species *Protonemura microstyla* Martynov (Plecoptera, Nemouridae). *Illiesia* 8: 158-161.
- Zuellig, R. E., B. D. Heinold, B. C. Kondratieff, and D. E. Ruiter. 2012. Diversity and distribution of mayflies (Ephemeroptera), stoneflies (Plecoptera), and caddisflies (Trichoptera) of the South Platte River Basin, Colorado, Nebraska, and Wyoming, 1873-2010: U.S. Geological Survey Data Series 606. 257 pp.
- Zwick, P. 2011. 7.6 Arthropoda. Pp.216-327. *In*: Wagner et al., Central European stream ecosystems. The long term study of the Breitenbach. Wiley-Blackwell, Weinheim.

# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Perla](#)

Jahr/Year: 2013

Band/Volume: [31](#)

Autor(en)/Author(s): Redaktion

Artikel/Article: [Recent Plecoptera Literature 52-66](#)