



Dr. John Sandberg's former home in Paradise, California, U.S.A.

NEW AVAILABLE PUBLICATION

Kawai, T. & Tanida, K. (eds.) 2018. Aquatic Insects of Japan: Manual with Keys and Illustrations. The second edition. Tokai University Press, Kanagawa; Vol. 1: xiv + 1-790; Vol. 2: VI + 791-1665; Index 1665-1730; Japanese, Latin nomenclature, figure legends also in English. For the Plecoptera, see Shimizu et al. and Uchida & Yoshinari, below. **A full list of contributors and chapters in Latin script (courtesy of K. Tanida) is available from P. Zwick (pleco-p.zwick@t-online.de).**

RECENT PLECOPTERA LITERATURE (CALENDAR YEAR 2018 AND

EARLIER). Papers made available after 1 February 2019 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.

Alexander, D. E. 2018. A century and a half of research on the evolution of insect flight. *Arthropod Structure & Development* 47 (4): 322-327.

de Almeida, L. M., M. Carvalho Gonçalves, M. de Carneiro Novaes, M. C. Paresqui and P. Conceição Bispo. 2018. *Anacroneuria flintorum* Froehlich 2002 (Plecoptera:

- Perlidae): Notes, distribution, and life stages association using molecular tools. *Zootaxa* 4370 (4): 409-420.
- Anonymous. 2018. Eine Fliege namens Mick Jagger [A fly named Mick Jagger]. *Fuldaer Zeitung*, 18 June 2018 [a note announcing publication of the Burmese amber Plecoptera *Petroperla mickjaggeri* Staniczek and *Lapisperla keithrichardsi* Staniczek]
- Atkinson, C. L., A. C. Encalada, A. T. Rugenski, S. A. Thomas, A. Landeira-Dabarca, N. Poff and A. S. Flecker. 2018. Determinants of food resource assimilation by stream insects along a tropical elevation gradient. *Oecologia* 187 (3): 731-744.
- Avelino-Capistrano, F., P. Pessacq and L. S. Barbosa. 2018. Plecoptera. Pp. 119-140. *In*: Thorp and Covich's Freshwater Invertebrates, 4th Edition. Volume 3: Keys to Neotropical Hexapoda, eds. Hamada, N., Thorp, J. & Rogers, D. C.; Elsevier.
- Azmi, W. A., N. H. Hussin and N. M. Amin. 2018. Monitoring of water quality using aquatic insects as biological indicators in three streams of Terengganu. *Journal of Sustainability Science and Management* 13 (1): 67-76.
- Beaty, S. R., V. B. Holland and D. R. Lenat. 2018. *Isoperla arcana* and *Isoperla borisi* (Plecoptera: Perlodidae), two new stonefly species from North Carolina, U.S.A. with notes on the distribution of *Isoperla powhatan*. *Illiesia* 13 (14): 140-166.
- Beermann, A. J., V. Elbrecht, S. Karnatz, L. Ma, C. D. Matthaei, J. J. Piggott and F. Leese. 2018. Multiple-stressor effects on stream macroinvertebrate communities: A mesocosm experiment manipulating salinity, fine sediment and flow velocity. *Science of the Total Environment* 610: 961-971.
- Blanke, A., M. Pinheiro, P. J. Watson and M. J. Fagan. 2018. A biomechanical analysis of prognathous and orthognathous insect head capsules: evidence for a many-to-one mapping of form to function. *Journal of Evolutionary Biology* 31 (5): 665-674.
- Bogan, M. T. and S. M. Carlson. 2018. Diversity and phenology of stoneflies (Plecoptera) from intermittent and perennial streams in Pinnacles National Park, California, U.S.A. *Illiesia* 14(08): 144-154.
- Bonada, N. and S. Doleddec. 2018. Does the Tachet trait database report voltinism variability of aquatic insects between Mediterranean and Scandinavian regions? *Aquatic Sciences* 80 (1): DOI: 10.1007/s00027-017-0554-z
- Bossley, J. P. and P. C. Smiley. 2018. Effects of student-induced trampling on aquatic macroinvertebrates in agricultural headwater streams. *Water* 10 (1): DOI: 10.3390/w10010077

- Boudinot, B. E. 2018. A general theory of genital homologies for the Hexapoda (Pancrustacea) derived from skeletomuscular correspondences, with emphasis on the Endopterygota. *Arthropod Structure & Development* 47 (6): 563-613.
- Brito, J. G., R. T. Martins, V. C. Oliveira, N. Hamada, J. L. Nessimian, R. M. Hughes, S. F. B. Ferraz and F. R. de Paula. 2018. Biological indicators of diversity in tropical streams: Congruence in the similarity of invertebrate assemblages. *Ecological Indicators* 85: 85-92.
- Brown, L. E., K. Khamis, M. Wilkes, P. Blaen, J. E. Brittain, J. L. Carrivick, S. Fell, N. Friberg, L. Füreder, G. M. Gíslason, S. Hainie, D. M. Hannah, W. H. M. James, V. Lencioni, J. S. Olafsson, C. T. Robinson, S. J. Saltveit, C. Thompson, and A. M. Milner. 2018. Functional diversity and community assembly of river invertebrates show globally consistent responses to decreasing glacier cover. *Nature Ecology and Evolution* 2(2): 325-333.
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- Carlson, E. A., D. J. Cooper, D. M. Merritt, B. C. Kondratieff and R. M. Waskom. 2018. Irrigation canals are newly created streams of semi-arid agricultural regions. *Science of the Total Environment*. 646: 770-78.
- Carlson, P. E., S. Donadi and L. Sandin, 2018. Responses of macroinvertebrate communities to small dam removals: Implications for bioassessment and restoration. *Journal of Applied Ecology* 55 (4): 896-1907.
- Casas, L. B., I. A. Urgell, M. P. Panisello and L. G. Valle. 2018. New species of Harpellales and Amoebidiales from the N-E Iberian Peninsula, and thallial plasmogamy in a *Paramoebidium* species. *Nova Hedwigia* 107 (3-4): 437-457.
- de Castro, D. M. P., S. Doledec and M. Callisto. 2018. Land cover disturbance homogenizes aquatic insect functional structure in neotropical savanna streams. *Ecological Indicators* 84: 573-582.
- Chen, Z.-T. 2018a. *Baltileuctra* gen. nov., a new genus of Leuctridae (Insecta: Plecoptera) in Baltic amber. *Zootaxa* 4407 (2): 281-287.
- Chen, Z.-T. 2018b. Females of the genus *Podmosta* (Plecoptera: Nemouridae): comparison of terminalia and a new female record in Baltic Amber. *Zootaxa* 4407 (2): 293-297.
- Chen, Z.-T. 2018c. *Pinguisoperla*, a new fossil genus of Perlidae (Insecta: Plecoptera) from mid-Cretaceous Burmese amber. *Zootaxa* 4425 (3): 596-600.

- Chen, Z.-T. 2018d. A new fossil species of *Largusoperla* (Plecoptera: Perlidae) and its evolutionary implications. *Zootaxa* 4442 (4): 572-578.
- Chen, Z.-T. 2018e. Key to the fossil genus *Largusoperla* (Plecoptera: Perlidae), with description of two new species from mid-Cretaceous Burmese amber. *Zootaxa* 4450 (4): 495-500.
- Chen, Z.-T. 2018f. Description of *Euroleuctra* gen. nov., a new fossil genus of Leuctridae (Insecta: Plecoptera) in Eocene Baltic amber. *Zootaxa* 4462 (2): 291-295.
- Chen, Z.-T. 2018g. First tergal structures for the fossil stonefly genus *Largusoperla* (Plecoptera: Perlidae): a new species and a new tribe of Acroneuriinae. *Zootaxa* 4462 (2): 296-300.
- Chen, Z.-T. 2018h. First record of subfamily Brachypterainae (Plecoptera: Taeniopterygidae) in Baltic amber: a new genus and species. *Zootaxa* 4527 (4): 569-574.
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- Chen, Z.-T., B. Wang and Y.-Z. Du. 2018. Discovery of a new stonefly genus with three new species from mid-Cretaceous Burmese amber (Plecoptera: Perlidae). *Zootaxa* 4378 (4): 573-580.
- Chen, Z.-T., M. Y. Zhao, C. Xu and Y.-Z. Du. 2018. Molecular phylogeny of Systellognatha (Plecoptera: Arctoperlaria) inferred from mitochondrial genome sequences. *International Journal of Biological Macromolecules* 111: 542-547.
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- Cui, Y., D. Ren and O. Béthoux. 2018. The Pangean journey of ‘south forestflies’ (Insecta: Plecoptera) revealed by their first fossils. *Journal of Systematic Palaeontology* 1-14. DOI: 10.1080/14772019.2017.1407370

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- Dong, W., J. Cui and W. Li. 2018. A new species of *Sweltsa* (Plecoptera: Chloroperlidae) from Sichuan Province of southwestern China. *Zootaxa* 4418 (4): 388-392.
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- Doretto, A., E. Piano, E. Falasco, S. Fenoglio, M. C. Bruno and F. Bona. 2018. Investigating the role of refuges and drift on the resilience of macroinvertebrate communities to drying conditions: An experiment in artificial streams. *River Research and Applications* 34 (7): 777-785.
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