

General Bibliography of Onychophora, 1826-2000

The Onychophora Project

Director: Julián Monge-Nájera, Laboratorio Ecología Urbana UNED Costa Rica

Editorial Assistants: Carolina Seas & Priscilla Redondo

julianmonge@gmail.com

[Anonymous]. (1885). Peripatus. In: Report on the Scientific Results of the Voyage of H.M.S. Challenger During the Years 1873-76 Longmans & Co, London. 284-286.

[Anonymous]. (1895). Report of club meetings, 19 April 1895. Journal of the Trinidad Field Naturalists' Club 2: 187-189.Å

Akcakaya, H. R., Burgman, M. A., Kindvall, O., Wood, C. C., Sjogren-Gulve, P., Hatfield, J. S., & McCarthy, M. A. (2004). Species conservation and management: case studies. New York: Oxford University Press.

Alexander, A.J. (1957). Notes on onychophoran behaviour. Annals of the Natal Museum 14: 35-43.

Alexander, A.J. (1958). Peripatus: Fierce little giant. Animal Kingdom 61: 122-125.

Allwood, J., Gleeson, D., Mayer, G., Daniels, S., Beggs, J. R., & Buckley, T. R. (2010). Support for vicariant origins of the New Zealand Onychophora. Journal of Biogeography, 37(4), 669–681. DOI: 10.1111/j.1365-2699.2009.02233.x

Altincicek, B., & Vilcinskas, A. (2008). Identification of immune inducible genes from the velvet worm Epiperipatus biolleyi (Onychophora). Developmental and Comparative Immunology, 32(12), 1416-21.

Anderson, D.T. (1966). The comparative early embryology of the Oligochaeta, Hirudinea and Onychophora. Proceedings of the Linnean Society of New South Wales 91: 10-43.

Anderson, D.T. (1979). Embryos, fate maps, and the phylogeny of arthropods. In: Arthropod Phylogeny. A. P. Gupta, ed. Van Nostrand Reinhold Company, New York. 59-105.

Annandale, N. (1912). The occurrence of Peripatus on the North-East frontier of India. Nature 88: 449.

Arnett, R.H. (1947). Epiperipatus brasiliensis (Bouvier) on Barro Colorado Island, Canal Zone. Entomological News 58: 59-60.

Arvy, L. (1954). Présentation de documents sur la leucopoièse chez Peripatopsis capensis Grube. Bulletin de la Société Zoologique de France 79: 13.

Audouin, M. & Milne-Edwards, H. (1833). Classification des Annélides, et description de celles qui habitent les eaux de la France - sixième Famille: Péripatiens. Annales des Sciences Naturelles 30: 411-414.

Badonnel, A. (1963). Sur quelques particularités anatomiques des organs infracérébraux de péripates caraïbes (Onychophores). Bulletin du Museum National d'Historie Naturelle 35: 275-290.

- Baer, A., Hänsch, S., Mayer, G., Harrington, M. J., & Schmidt, S. (2018). Reversible Supramolecular Assembly of Velvet Worm Adhesive Fibers via Electrostatic Interactions of Charged Phosphoproteins. *Biomacromolecules*, 19(10), 4034–4043. DOI: 10.1021/acs.biomac.8b01017
- Baer, A., & Mayer, G. (2012). Comparative anatomy of slime glands in onychophora (velvet worms). *Journal of Morphology*, 273(10), 1079–1088. DOI: 10.1002/jmor.20044
- Baer, A., Schmidt, S., Haensch, S., Eder, M., Mayer, G., & Harrington, M. J. (2017). Mechanoresponsive lipid-protein nanoglobules facilitate reversible fibre formation in velvet worm slime. *Nature Communications*, 8(1), 974. DOI: 10.1038/s41467-017-01142-x
- Bai, T. T., & Anh, N. D. (2012). Discovery of *Eoperipatus* sp. (Peripatidae), the first representative of Onychophora in Vietnam. *TAP CHI SINH HOC*, 32(4), 36–39. DOI: 10.15625/0866-7160/v32n4.718
- Balfour, F.-M. (1879). Sur certains points de l'anatomie du *Peripatus capensis* (Extrait). *Archives de Zoologie Experimentale et Generale [Notes et Revue]* 8: XIII-XV.
- Balfour, F.M. (1883). The anatomy and development of *Peripatus capensis*. *Quarterly Journal of Microscopical Science* 23: 213-259.
- Ballard, J.W.O., Olsen, G.J., Faith, D.P., Odgers, W.A., Rowell, D.M. & Atkinson, P.W. (1992). Evidence from 12S ribosomal RNA sequences that onychophorans are modified arthropods. *Science* 258: 1345-1348.
- Barclay, S., Ash, J. E., & Rowell, D. M. (2000). Environmental factors influencing the presence and abundance of a log-dwelling invertebrate, *Euperipatoides rowelli* (Onychophora: Peripatopsidae). *Journal of Zoology*, 250(4), 425-436.
- Barnard, K.H. (1922). Distribution of *Peripatus*. *Annual Meeting of the Royal Society of South Africa* 1922: 8-9.
- Barnes, A., & Daniels, S. R. (2019). On the importance of fine-scale sampling in detecting alpha taxonomic diversity among saproxylic invertebrates: A velvet worm (Onychophora: Opisthopatus amaxhosa) template. *Zoologica Scripta*, 48(2), 243–262. DOI: 10.1111/zsc.12338
- Barquero-González, J. P., Acosta-Chaves, V. J., Sotela, M. L., Villalobos Brenes, F., & Morera-Brenes, B. (2016). Evidencia fotográfica de especies desconocidas de onicóforos (Onychophora: Peripatidae) de Costa Rica. *UNED Research Journal*, 8(2), 139–147. DOI: 10.22458/urj.v8i2.1553
- Barquero-González, J. P., Cabrera Alvarado, A. A., Valle-Cubero, S., Monge-Nájera, J., & Morera-Brenes, B. (2016). The geographic distribution of costa rican velvet worms (Onychophora: Peripatidae). *Revista de Biología Tropical*, 64(4), 1401–1414. DOI: 10.15517/rbt.v64i4.19486
- Barquero-González, J. P., Morera-Brenes, B., & Monge-Nájera, J. (2018). The relationship between humidity, light and the activity pattern of a velvet worm, *Epiperipatus* sp. (Onychophora: Peripatidae), from Bahía Drake, South Pacific of Costa Rica. *Brazilian Journal of Biology*, 78(3), 408–413. DOI: 10.1590/1519-6984.166495
- Barquero-González, J. P., Vega-Hidalgo, A., & Monge-Nájera, J. (2019). Feeding behavior of Costa Rican velvet worms: food hiding, parental feeding investment and ontogenetic diet shift (Onychophora: Peripatidae). *UNED Research Journal*, 11(2), 85–88. DOI: 10.22458/urj.v11i2.2195

Barrett, D. (2013). Multiple-scale resource selection of an undescribed urban invertebrate (Onychophora: Peripatopsidae) in Dunedin, New Zealand, (Master's Thesis). New Zealand, University of Otago. Retrieved from <https://ourarchive.otago.ac.nz/handle/10523/4044>

Barrett, D., Recio, M. R., Barratt, B. I. P., Seddon, P. J., & van Heezik, Y. (2016). Resource selection by an ancient taxon (Onychophora) in a modern urban landscape: A multi-scale analysis approach to assist in the conservation of an animal phylum. *Landscape and Urban Planning*, 148, 27–36. DOI: 10.1016/J.LANDURBPLAN.2015.11.008

Beckmann, H., Hering, L., Henze, M. J., Kelber, A., Stevenson, P. A., & Mayer, G. (2015). Spectral sensitivity in Onychophora (velvet worms) revealed by electroretinograms, phototactic behaviour and opsin gene expression. *Journal of Experimental Biology*, 218(6), 915-922.

Beklemishev, W.N. (1969). Contractile-motor apparatus of annelids and Onychophora. In: *Principles of Comparative Anatomy of Invertebrates*, Volume 2: Organology, 3 ed. J. M. translated by MacLennan, ed. University of Chicago Press, Chicago, Illinois, USA. 292-302.

Bell, F.J. (1883). Note on a Peripatus from the Island of Dominica, West Indies. *Annals and Magazine of Natural History* [Series 5] 11: 388.

Bell, F.J. (1887). Habitat of Peripatus leuckarti. *Annals and Magazine of Natural History* [Series 5] 20: 252.

Bellomy, M.D. (1955). Peripatus - between worm and insect. *Frontiers* (Philadelphia, Pennsylvania, USA) 20: 42-44.

Benkendorff, K., Beardmore, K., Gooley, A.A., Packer, N.H. & Tait, N.N. (1999). Characterisation of the slime gland secretion from the peripatus, *Euperipatoides kanangrensis* (Onychophora: Peripatopsidae). *Comparative Biochemistry and Physiology*, Part B 124: 457-465.

Bergh, R.S. (1885). Die Entwicklung der westindischen Peripatus-Arten. *Kosmos, Zeitschrift für die Gesamte Entwickelungslehre* [1885]: 44-48.

Bergström, J., & Hou, X. G. (2001). Cambrian onychophora or xenusians. *Zoologischer Anzeiger*, 240(3–4), 237–245. DOI: 10.1078/0044-5231-00031

Bicudo, J.E.P.W. & Campiglia, S. (1985). A morphometric study of the tracheal system of *Peripatus acacioi* Marcus and Marcus (Onychophora). *Respiration Physiology* 60: 75-82.

Birket-Smith, S.J.R. (1974). The anatomy of the body wall of Onychophora. *Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere* 93: 123-154.

Blanchard, E. (1847). Recherches sur l'organisation des Vers. *Annales des Sciences Naturelles* [3e Série] 8: 119-149.

Blanchard, E. (1849). Malacopodes. In: *Historia Fisica y Politica de Chile*, Volume 23: *Zoologia*, Tomo Tercero. C. Gay, ed. privately published, Paris. 57-60.

Boas, I.E.V. (1898). Om Peripatus stilling i dyreriget. *Kongelige Danske Videnskabernes Selskabs Forhandlinger* 6: 345-365.

- Bouvier, E.-L. (1898a). New observations on Peripatus. Annals and Magazine of Natural History [Series 7] 2: 354-355.
- Bouvier, E.-L. (1898b). Note préliminaire sur la distribution géographique et l'évolution des Péripates. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 126: 1358-1361.
- Bouvier, E.-L. (1899). Sur les variations et les groupements spécifiques des Péripates américains. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 128: 1344-1346.
- Bouvier, E.-L. (1901). Caractères et affinités d'un Onychophore du Chili, le *Peripatopsis blainvillei* Blanchard. Zoologischer Anzeiger 24: 59-61.
- Bouvier, E.-L. (1902a). Observations nouvelles sur l'évolution et l'origine des Péripates. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 134: 55-58.
- Bouvier, E.-L. (1902b). *Peripatus bolleyi*, Onychophore nouveau de Costa Rica. Bulletin de la Société Entomologique de France 16: 258-259.
- Bouvier, E.-L. (1902c). Sur le développement des Péripatidés de l'Afrique australe. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 135: 1033-1036.
- Bouvier, E.-L. (1902d). Sur l'organisation, le développement et les affinités du *Peripatopsis blainvillei* Gay-Gervais. Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere Supplement 5, part 3: 675-730.
- Bouvier, E.-L. (1903). Sur le *Peripatus tholloni*. Extrait d'une lettre adressée de Ngāmā (Ogāyoué) par M. le Pasteur Haug à M. le Professeur Bouvier. Bulletin du Museum National d'Historie Naturelle 9: 221-222.
- Bouvier, E.-L. (1904a). Les oeufs des Onychophores. Nouvelles Archives du Muséum 6: 1-50.
- Bouvier, E.-L. (1904b). Sur les organes génitaux mâles du *Peripatus tholloni* Bouv. [Onych.]. Bulletin de la Société Entomologique de France [1904]: 192-193.
- Bouvier, E.-L. (1905). Monographie des Onychophores. Annales des Sciences Naturelles, Zoologie et Biologie Animale [9e Série] 2: 1-383.ë
- Bouvier, E.-L. (1907). Monographie des Onychophores. Annales des Sciences Naturelles, Zoologie et Biologie Animale [9e Série] 5: 61-318.
- Bouvier, E.-L. (1908). Sur le *Peripatus brasiliensis* Bouv. Bulletin de la Société Philomathique de Paris [Serie 9] 10: 50-52.
- Bouvier, E.-L. (1909). Sur un nouvel Onychophore australien. Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences 148: 1292-1294.
- Bouvier, E.-L. (1914). Un nouveau Paraperipatus de Céram. Bulletin du Museum National d'Historie Naturelle 20: 222-226.Å
- Bouvier, E.-L. (1928). A propos des observations du Fr. Claude-Joseph sur un Périate du Chili. Annales des Sciences Naturelles, Zoologie et Biologie Animale [10e Série] 11: 260.

Braband, A., Podsiadlowski, L., Cameron, S. L., Daniels, S., & Mayer, G. (2010). Extensive duplication events account for multiple control regions and pseudo-genes in the mitochondrial genome of the velvet worm *Metaperipatus inae* (Onychophora, Peripatopsidae). *Molecular Phylogenetics and Evolution*, 57(1), 293-300.

Bras, G. Le, Geoffroy, J. J., Albenga, L., & Mauriès, J. P. (2015). The Myriapoda and Onychophora collection (MY) of the Muséum national d'Histoire naturelle (MNHN, Paris). *ZooKeys*, 2015(518), 139–153. DOI: 10.3897/zookeys.518.10223

Briscoe, D.A. & Tait, N.N. (1995). Allozyme evidence for extensive and ancient radiations in Australian Onychophora. *Zoological Journal of the Linnean Society* 114: 91-102.

Brito, S., Pereira, J., Ferreira, F., Vasconcellos, A., & Almeida, W. (2010). *Epiperipatus cratensis* sp. nov. (Onychophora: Peripatidae) from northeastern Brazil. *Neotropical Biology and Conservation*, 5(1), 47-52.

Brockmann, C. (2008). Die oviparen Peripatopsidae Tasmaniens (Onychophora): Revision von Ooperipatellus und Bemerkungen zur Phylogenie (Doctoral Dissertation). Germany, Universität Hamburg. Retrieved from <https://ediss.sub.uni-hamburg.de/volltexte/2008/3670/>

Brockmann, C., Mummert, R., Ruhberg, H. & Storch, V. (1999). Ultrastructural investigations of the female genital system of *Epiperipatus bolleyi* (Bouvier, 1902) (Onychophora, Peripatidae). *Acta Zoologica* 80: 339-349.

Brockmann, C., Mummert, R., Ruhberg, H., & Storch, V. (2001). The female genital system of *Ooperipatellus decoratus* (Onychophora, Peripatopsidae): An ultrastructural study. *Journal of Morphology*, 249(2), 77–88. DOI: 10.1002/jmor.1041

Brues, C.T. (1913). Preliminary descriptions of two new forms of *Peripatus* from Haiti. *Bulletin of the Museum of Comparative Zoology* 54: 517-521.

Brues, C.T. (1914). A new *Peripatus* from Columbia. *Bulletin of the Museum of Comparative Zoology* 58: 375-382.

Brues, C.T. (1917). A new species of *Peripatus* from the mountains of northern Peru. *Bulletin of the Museum of Comparative Zoology* 61: 383-387.

Brues, C.T. (1921). On *Paraperipatus lorentzi* Horst and other species of the genus from the New Guinea and Ceram. *Psyche* 28: 50-53.

Brues, C.T. (1923). The geographical distribution of the Onychophora. *American Naturalist* 57: 210-217.

Brues, C.T. (1935). Varietal forms of *Peripatus* in Haiti. *Psyche* 42: 58-62.

Brues, C.T. (1941). *Peripatus* (*Macroperipatus*) *geayi* in Panama. *Psyche* 48: 111-112.

Brugiolo, S. S. S., Pereira, L. L., Rios, C. H. V., Gomides, S. C., & Sousa, B. M. de. (2015). Extensão da distribuição de *Macroperipatus* sp. (Onychophora, Peripatidae) no estado de Minas Gerais, Brasil. *Revista Brasileira de Zoociências*, 16(1,2,3).

Bruntz, L. (1903). Excrétion et phagocytose chez les Onychophores. *Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences* 136: 1148-1150.

Bull, J. (2010). Why are there so many types of velvet worm? Importance of life - history differences, assortative mating and costs to hybridization in maintaining the distinctiveness of two catchment - specific forms of *Euperipatoides rowelli* at Tallaganda State Forest, (Bachelor's Thesis). Australia, Monash University.

Bull, J. K., Sands, C. J., Garrick, R. C., Gardner, M. G., Tait, N. N., Briscoe, D. A., ... Sunnucks, P. (2013). Environmental Complexity and Biodiversity: The Multi-Layered Evolutionary History of a Log-Dwelling Velvet Worm in Montane Temperate Australia. *PLoS ONE*, 8(12), e84559. DOI: 10.1371/journal.pone.0084559

Bursell, E. (1947). The humidity reactions of *Peripatopsis moseleyi* Wood-Mason. Thesis, Natal University College, Pietermaritzburg, South Africa.

Bursell, E. & Ewer, D.W. (1950). On the reactions to humidity of *Peripatopsis moseleyi* (Wood-Mason). *Journal of Experimental Biology* 26: 335-353.

Calora, F.B. (1957). The gross anatomy of *Peripatoides novae-zealandiae* (Hutton) (=*Peripatus novae-zealandiae* Hutton), Peripatopsidae, Onychophora. Thesis, Cornell University, Ithaca, New York, USA.

Camatini, M. & Franchi, E. (1976). La spermiogenesi in un Onicoforo a fecondazione intradermica. *Acta Embryologiae et Morphologiae Experimentalis* [1976] 3: 376-377.

Camatini, M., Franchi, E. & Lanzavecchia, G. (1979). The body muscles of Onychophora: an atypical contractile system. In: *Myriapod Biology*. M. Camatini, ed. Academic Press, London. 419-431.

Camerano, L. (1896). Onicofori raccolti nel Darien da Dott. E. Festa. *Bollettino del Museo Regionale di Scienze Naturali Torino* 11: 1-2.ë

Camerano, L. (1898a). Nouva specie di *Peripatus* dell'Ecuador. *Atti Accademia delle Scienze di Torino* 33: 308-310.

Camerano, L. (1898b). Sulla striatura transversale dei muscoli delle mandiboli negli Onicofori. *Atti Accademia delle Scienze di Torino* 33: 589-593.

Campiglia, S.S. (1969). Tegumento, muda e ciclo de intermuda em *Peripatus acacioi* Marcus e Marcus (onicoforo). Dissertation thesis, Universidade de São Paulo, Brazil.

Carpenter, G.H. (1903). On the relationships between the classes of the Arthropoda. *Proceedings of the Royal Irish Academy* 24: 320-360.

Carpenter, G.H. (1905). Notes on the segmentation and phylogeny of the Arthropoda, with an account of the maxillae in *Polyxenus lagurus*. *Quarterly Journal of Microscopical Science* 49: 469-491.

Carus, J.V. (1863). Onychophora. In: *Handbuch der Zoologie*, Volume 2. J. V. Carus and A. Gerstaecker, eds. Verlag von Wilhelm Engelmann, Leipzig, Germany. 446-447.

Carvalho, A.L.d. (1941). Nota prévia sobre uma nova espécie de "Peripatus" do Brasil Central. *Revista Brasileira de Biologia* 1: 447-448.

- Castro, G. A. de, & Silva, C. C. da. (2001). Nova ocorrência de Peripatus (Macroperipatus) acacioi Marcus & Marcus (Onychophora, Peripatidae) no estado de Minas Gerais, Brasil. Revista Brasileira de Zoologia, 18(3), 1035–1037. DOI: 10.1590/S0101-81752001000300035
- Chagas-Júnior, A., & Costa, C. S. (2014). Macroperipatus ohausi : redescription and taxonomic notes on its status (Onychophora : Peripatidae). International Journal of Tropical Biology and Conservation, 62, 977–985.
- Chapman, C. (2018). An investigation of Onychophora (velvet worms) of the Illawarra region (Bachelor's Thesis). BEnviSci Hons, School of Earth & Environmental Sciences, University of Wollongong. Retrieved from <https://ro.uow.edu.au/thsci/165>
- Charles Delabie, J. H., Jared, C., Antoniazzi, M. M., Jahyny, B., Lacau, S., Ferreira Mariano, C. dos S., & Vasconcellos, A. (2013). Onicóforo Peripatus sp. (Onychophora: Peripatidae) como indicador de conectividade na paisagem cacauíra no sudeste da bahia, e sua importância para a conservação. Agrotrópica (Itabuna), 25(3), 233–236. DOI: 10.21757/0103-3816.2013v25n3p233-236
- Choonoo, D. (1947). A review of the morphology and histology of the reproductive system of Peripatopsis moseleyi with a few notes on Opisthopatus cinctipes var.amatolensis. Fort Hare Papers 1: 71-119.—
- Clark, A.H. (1913). A revision of the American species of Peripatus. Proceedings of the Biological Society of Washington 26: 15-19.
- Clark, A.H. (1914). On some onychophores (Peripatus) from the Republic of Panama. Zoologischer Anzeiger 45: 145-146.
- Clark, A.H. (1915). The present distribution of the Onychophora, a group of terrestrial invertebrates. Smithsonian Miscellaneous Collections 65: 1-25.
- Clark, A.H. (1937). On some onychophores from the West Indies and Central America. Proceedings of the United States National Museum 85: 1-3.
- Clark, A.H. & Zetek, J. (1946). The onychophores of Panama and the Canal Zone. Proceedings of the United States National Museum 96: 205-213.
- Claude-Joseph, F. (1928). Observations sur un Péripate du Chili (Opisthopatus blainvillei Gay-Gervais). Annales des Sciences Naturelles, Zoologie et Biologie Animale [10e Série] 11: 285-298.
- Claude-Joseph, H. (1928). Observaciones sobre el Peripatus blainvillei Bl. Revista Chilena de Historia Natural 31: 223-236.
- Concha, A., Mellado, P., Morera-Brenes, B., Costa, C. S., Mahadevan, L., & Monge-Nájera, J. (2014). How the velvet worm squirts slime. Cornell University. Retrieved from <http://arxiv.org/abs/1411.1750>
- Concha, A., Mellado, P., Morera-Brenes, B., Sampaio Costa, C., Mahadevan, L., & Monge-Nájera, J. (2015). Oscillation of the velvet worm slime jet by passive hydrodynamic instability. Nature Communications, 6, 6292.
- Concha, A., Mellado, P., Morera-Brenes, B., Sampaio-Costa, C., Mahadevan, L., & Monge-Najera, J. (2016). Bio-inspired microfluidics: The case of the velvet worm. Bulletin of the American Physical Society, 61(2). Retrieved from http://adsabs.harvard.edu/abs/2016APS_MARC40008C

Contreras-Félix, G. A., Montiel-Parra, G., Cupul-Magaña, F. G., Pérez, T. M., Contreras-Félix, G. A., Montiel-Parra, G., ... Pérez, T. M. (2018). Redescription of the velvet worm *Oroperipatus eisenii* (Onychophora: Peripatidae), through DNA sequencing, scanning electron microscopy and new collection records from Western Mexico. *Revista Mexicana de Biodiversidad*, 89(4), 1033–1044. DOI: 10.22201/ib.20078706e.2018.4.2586

Corrales-Urena, Y. R., Sanchez, A., Pereira, R., Rischka, K., Kowalik, T., & Vega-Baudrit, J. (2017). Extracellular micro and nanostructures forming the velvet worm solidified adhesive secretion. *Materials Research Express*, 4(12). DOI: 10.1088/2053-1591/aa9940

Correoso, M. (2011). Nueva localidad de *Oroperipatus quitensis* (Peripatidae-Onychophora) en el Ecuador. Consideraciones biogeográficas. *Revista Geografica*, 8, 23-33. 10.

Costa, C. S. (2016). Sistemática e análise filogenética de *Epiperipatus Clark, 1913* baseada em dados moleculares e morfológicos (Onychophora: Peripatidae), (Tese de Doutorado). Universidade de São Paulo, São Paulo. DOI: 10.11606/T.41.2016.tde-25082016-100135

Costa, C. S., Chagas-Junior, A., Pinto-da-Rocha, R., Costa, C. S., Chagas-Junior, A., & Pinto-da-Rocha, R. (2018). Redescription of *Epiperipatus edwardsii*, and descriptions of five new species of *Epiperipatus* from Brazil (Onychophora: Peripatidae). *Zoologia*, 35, 1–15. DOI: 10.3897/zootaxa.35.e23366

Costa, C. S., & Giribet, G. (2016). Taxonomic Notes on *Mesoperipatus tholloni* (Onychophora: Peripatidae), an Elusive Velvet Worm from Gabon. *Breviora*, 552(1), 1–10. DOI: 10.3099/MCZ30.1

Craig, C.L. (1997). Evolution of arthropod silks. *Annual Review of Entomology* 42: 231-267.

Crampton, G.C. (1928). The evolution of the head region in lower arthropods and its bearing upon the origin and relationships of the arthropodan groups. *Canadian Entomologist* 60: 284-301.

Cubillos Alzamora, D. H., & Díaz Castro, R. J. (2018). Descripción Morfológica de los Onychophora de la Sierra Nevada de Santa Marta, Colombia, (Tesis de Biología). Universidad del Magdalena Retrieved from <http://repositorio.unimadridena.edu.co/jspui/handle/123456789/2967>

Cuénnot, L. (1949). Les Onychophores. In: *Traite de Zoologie*, Volume 6. P.-P. Grassé, ed. Masson et Cie Éditeurs, Paris. 1-37.

Cunha, W. T. R., Santos, R. C. O., Araripe, J., Sampaio, I., Schneider, H., Rêgo, P. S., ... Rêgo, P. S. (2017). Molecular analyses reveal the occurrence of three new sympatric lineages of velvet worms (Onychophora: Peripatidae) in the eastern Amazon basin. *Genetics and Molecular Biology*, 40(1), 147–152. DOI: 10.1590/1678-4685-gmb-2016-0037

Cupul-Magaña, F. G., & Navarrete-Heredia, J. (2008). Rediscovery and New Data for *Oroperipatus eisenii* (Wheeler, 1898) from Mexico (Onychophora: Peripatidae). *Entomological News*, 119(5), 545–549. DOI: 10.3157/0013-872x-119.5.545

Curach, N. & Sunnucks, P. (1999). Molecular anatomy of an onychophoran: Compartmentalized sperm storage and heterogeneous paternity. *Molecular Ecology* 8: 1375-1385.

Dakin, W.J. (1921). The eye of *Peripatus*. *Quarterly Journal of Microscopical Science* 65: 163-172.

- Dakin, W.J. (1922). The infra-cerebral organs of Peripatus. Quarterly Journal of Microscopical Science 66: 409-417.
- Dakin, W.J. & Fordham, M.G.C. (1926). Birth of Peripatus in England. Nature 117: 858.
- Daniels, S. R. (2011). Genetic Variation in the Critically Endangered Velvet Worm *Opisthopatus roseus* (Onychophora: Peripatopsidae) . African Zoology, 46(2), 419–424. DOI: 10.3377/0
- Daniels, S. R., Dambire, C., Klaus, S., & Sharma, P. P. (2016). Unmasking alpha diversity, cladogenesis and biogeographical patterning in an ancient panarthropod lineage (Onychophora: Peripatopsidae: *Opisthopatus cinctipes*) with the description of five novel species. Cladistics, 32(5), 506–537. DOI: 10.1111/cla.12154
- Daniels, S. R., Dreyer, M., & Sharma, P. P. (2017). Contrasting the population genetic structure of two velvet worm taxa (Onychophora:Peripatopsidae:Peripatopsis) in forest fragments along the south-eastern Cape, South Africa. Invertebrate Systematics, 31(6), 781–796. DOI: 10.1071/IS16085
- Daniels, S. R., Picker, M. D., Cowlin, R. M., & Hamer, M. L. (2009). Unravelling evolutionary lineages among South African velvet worms (Onychophora: Peripatopsis) provides evidence for widespread cryptic speciation. Biological Journal of the Linnean Society, 97(1), 200-216.
- Daniels, S. R., & Ruhberg, H. (2010). Molecular and morphological variation in a South African velvet worm *Peripatopsis moseleyi* (Onychophora, Peripatopsidae): evidence for cryptic speciation. Journal of Zoology, 282(3), 171–179. DOI: 10.1111/j.1469-7998.2010.00722.x
- Darteville, E. (1958). Les Péripates. Congo-Tervuren 2: 65-68.
- de Haro, A. (1998). Origen y relaciones fitogenéticas entre Artrópodos, Onicóforos, Anélidos y Lofoforados, según datos moleculares y morfológicos. Boletín de la Real Sociedad Española de Historia Natural Sección Biológica 94: 103-113.
- DeLaat, D. M., Carvalho, M. R. S., Lovato, M. B., Acedo, M. D. P., & da Fonseca, C. G. (2005). Applicability of RAPD markers on silver-stained polyacrylamide gels to ascertain genetic diversity in *Peripatus acacioi* (Peripatidae; Onychophora). Genetics and Molecular Research : GMR, 4(4), 716–725.
- Delabie, J. H. C., Jared, C., Antoniazzi, M. M., Jahyny, B., Lacau, S., Mariano, C., & Vasconcellos, A. (2013). The velvet worm *Peripatus* sp.(Onychophora: Peripatidae) as a connectivity indicator in the cocoa landscape in southeast of the state of Bahia, Brazil, and its importance for conservation. Agrotrópica, 25(3), 233-236.
- de la Fuente, J.A. (1975). Esquema filogenético de la linea Onychophora-Myriapoda-Hexapoda. Boletín de la Real Sociedad Española de Historia Natural Sección Biológica 73: 85-97.
- del Castillo, J. & Hoyle, G. (1982). Spontaneous junctional potentials associated with cholinergic transmission in *Peripatus* muscle. Comparative Biochemistry and Physiology, Part C 73: 451-456.
- Delle Cave, L. & Simonetta, A.M. 1975. Notes on the morphology and taxonomic position of *Aysheaia* (Onychophora?) and of *Skania* (undetermined phylum). Monitore Zoologico Italiano [Nuova Série] 9: 67-81.

de Meijere, J.C.H. (1901). Ueber das letzte Glied der Beine bei den Arthropoden. Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 14: 459-460.

de Quatrefages, A. (1848). Études sur les types inférieurs de l'embranchement des annelés. Mémoire sur la famille des Hermelliens (Hermellea Nob.). Annales des Sciences Naturelles [3e Série] 10: 5-58.

De Sena Oliveira, I., Lacorte, G. A., Weck-Heimann, A., Cordeiro, L. M., Wieloch, A. H., & Mayer, G. (2015). A new and critically endangered species and genus of Onychophora (Peripatidae) from the Brazilian savannah - A vulnerable biodiversity hotspot. Systematics and Biodiversity, 13(3), 211–233. DOI: 10.1080/14772000.2014.985621

De Sena Oliveira, I., & Mayer, G. (2013). Apodemes associated with limbs support serial homology of claws and jaws in onychophora (velvet worms). Journal of Morphology, 274(10), 1180–1190. DOI: 10.1002/jmor.20171

De Sena Oliveira, I., Ruhberg, H., Rowell, D. M., & Mayer, G. (2018). Revision of Tasmanian viviparous velvet worms (Onychophora: Peripatopsidae) with descriptions of two new species. Invertebrate Systematics, 32(4), 909. DOI: 10.1071/IS17096

De Sena Oliveira, I., Tait, N. N., Strübing, I., & Mayer, G. (2013). The role of ventral and preventral organs as attachment sites for segmental limb muscles in Onychophora. Frontiers in Zoology, 10(1), 73. DOI: 10.1186/1742-9994-10-73

Dendy, A. (1889). Peripatus in Victoria. Victorian Naturalist 5: 134-135.

Dendy, A. (1891a). Mode of reproduction of Peripatus leuckartii. Victorian Naturalist 8: 67.

Dendy, A. (1891b). Note from the Biological Laboratory of the University of Melbourne on the presence of corpuscles in the liquid discharged from the apertures of the nephridia and oral papillae of Peripatus. Proceedings of the Royal Society of Victoria 3: 44-45.

Dendy, A. (1893). The hatching of a Peripatus egg. Nature 47: 508-509.

Dendy, A. (1895). Preliminary notes on the reproductive organs of Peripatus oviparus. Zoologischer Anzeiger 18: 264-266.

Dias, S. C., & Lo-Man-Hung, N. F. (2009). First record of an onychophoran (Onychophora, Peripatidae) feeding on a theraphosid spider (Araneae, Theraphosidae). Journal of Arachnology, 37(1), 116–117. DOI: 10.1636/st08-20.1

Diogo, R., Oliveira, C., & Chardon, M. (2001). The female genital system of Ooperipatellus decoratus (Onychophora, Peripatopsidae): An ultrastructural study. Journal of Morphology, 249(2), 77–88. DOI: 10.1002/jmor.1041

Dodds, S.E. (1952). Contributions to the study of the humidity reactions of Peripatopsis moseleyi Wood-Mason and of Tenebrio molitor L. Thesis, University of Natal, Pietermaritzburg, South Africa.

Dodds, S.E. & Ewer, D.W. (1952). On the rate of water loss of Peripatopsis moseleyi (Wood-Mason). Annals of the Natal Museum 12: 275-278.

- Duboscq, O. (1920a). Notes sur Opisthopatus cinctipes Purc. I. Sur les poils des papilles primaires et leur développement - II. Les organes ventraux du cerveau. Archives de Zoologie Experimentale et Generale [Notes et Revue] 59: 21-27.
- Duboscq, O. (1920b). Notes sur Opisthopatus cinctipes Purcell - III. Les glandes salivaires. Archives de Zoologie Experimentale et Generale [Notes et Revue] 59: 67-74.
- Duerden, J.E. (1901). Abundance of Peripatus in Jamaica. Nature 63: 440-441.
- Duke-Elder, S. (1958). The Eye in Evolution. H. Kimpton, ed. Henry Kimpton, London.
- Dunn, E.R. (1943). Zoological results of the Azuero Peninsula Panama Expedition of 1940. Part I - A new species of Peripatus. Notulae Naturae 123: 1-5.
- Dutra, D. D., Cordeiro, L. M., & Araujo, D. (2018). Maior número cromossômico em Onychophora e indício de fusão cromossômica detectada por FISH telomérica. Semina: Ciências Biológicas e Da Saúde, 38(1supl), 199. DOI: 10.5433/1679-0367.2017V38N1SUPLP199
- Eakin, R.M. (1964). Electron microscopy of the nephridium of *Peripatoder novaezealandicus* (Phylum Onychophora). American Zoologist 4: 433-434.
- Eakin, R.M. & Westfall, J.A. (1964). Electron microscopy of photoreceptors in two species of Onychophora. American Zoologist 4: 434.
- Elliott, S., Tait, N.N. & Briscoe, D.A. (1993). A pheromonal function for the crural glands of the onychophoran *Cephalofovea tomahmontis* (Onychophora: Peripatopsidae). Journal of Zoology 231: 1-9.
- Eriksson, B. J., & Budd, G. E. (2003). The cephalic nerves of the Onychophora and their bearing on our understanding of head segmentation and stem-group evolution of Arthropoda. Arthropod Structure & Development, 29(3), 197-209. DOI: 10.1016/S1467-8039(00)00027-X
- Eriksson, B. J., Samadi, L., & Schmid, A. (2013). The expression pattern of the genes engrailed, pax6, otd and six3 with special respect to head and eye development in *Euperipatoides kanangrensis* Reid 1996 (Onychophora: Peripatopsidae). Development Genes and Evolution, 223(4), 237–246. DOI: 10.1007/s00427-013-0442-z
- Eriksson, B. J., & Tait, N. N. (2012). Early development in the velvet worm *Euperipatoides kanangrensis* Reid 1996 (Onychophora: Peripatopsidae). Arthropod Structure and Development, 41(5), 483-493.
- Eriksson, B. J., Tait, N. N., Budd, G. E., & Akam, M. (2009). The involvement of engrailed and wingless during segmentation in the onychophoran *Euperipatoides kanangrensis* (Peripatopsidae: Onychophora) (Reid 1996). Development Genes and Evolution, 219(5), 249–264. DOI: 10.1007/s00427-009-0287-7
- Eriksson, B. J., Tait, N. N., Norman, J. M., & Budd, G. E. (2005). An ultrastructural investigation of the hypocerebral organ of the adult *Euperipatoides kanangrensis* (Onychophora, Peripatopsidae). Arthropod Structure & Development, 34(4), 407-418.
- Espinasa, L., Garvey, R., Espinasa, J., Fratto, C. A., Taylor, S. J., Toulkeridis, T., & Addison, A. (2015). Cave dwelling Onychophora from a lava tube in the Galapagos. Subterranean Biology, 15(1), 1–10. DOI: 10.3897/subtbiol.15.8468

- Evans, R. (1901). On two new species of Onychophora from the Siamese Malay States. *Quarterly Journal of Microscopical Science* 44: 473-538.
- Ewer, D.W. & van der Berg, R. (1954). A note on the pharmacology of the dorsal musculature of Peripatopsis. *Journal of Experimental Biology* 31: 497-500.
- Fedorow, B. (1926). Zur Anatomie des Nervensystems von Peripatus. I. Das Neurosomit von Peripatus tholloni. *Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere* 48: 273-310.
- Fedorov, B.G. (1927). On the morphology of the brain of Peripatus. In: Proceedings of the Second Congress of Zoologists, Anatomists, and Histologists of USSR: Moscow 4-10 May 1925. A. N. Sewertzoff and B. S. Matveiev, eds. Izd. "Glavnauka", Moscow. 92-94.
- Ferreira, V. S., & Spiessberger, E. L. (2018). First Record of *Peripatus juanensis* Bouvier, 1900 (Onychophora, Peripatidae) Found in *Cecropia* (Rosales, Urticaceae) Fallen Trunks in Puerto Rico. *Entomological News*, 128(1), 75. DOI: 10.3157/021.128.0111
- Fletcher, J.J. (1887). Note on the discovery of Peripatus in Gippsland. *Proceedings of the Linnean Society of New South Wales*, 2nd Series 2: 450.
- Fletcher, J.J. (1888). *P. leuckarti*, Sänger, Woolongong (Notes and exhibits). *Proceedings of the Linnean Society of New South Wales*, 2nd Series 3: 892-894.
- Fletcher, J.J. (1891). Note on the supposed oviparity of *P. leuckartii*. *Proceedings of the Linnean Society of New South Wales*, 2nd Series 6: 577.
- Fletcher, J.J. (1895). On the specific identity of the Australian Peripatus, usually supposed to be *P. leuckarti*, Saenger. *Proceedings of the Linnean Society of New South Wales*, 2nd Series 10: 172-194.
- Florey, E. (1963). Acetylcholine in invertebrate nervous systems. *Canadian Journal of Biochemistry and Physiology* 41: 2619-2626.
- Florey, E. & Florey, E. (1965). Cholinergic neurons in the Onychophora: A comparative study. *Comparative Biochemistry and Physiology* 15: 125-136.
- Franchi, E., Camatini, M. & Cotelli, F. (1976). L'avventuroso viaggio di uno spermatozoo di un Onicoforo. *Acta Embryologiae et Morphologiae Experimentalis* [1976] 3: 378-379.
- Franco, R., & Monge-Nájera, J. (2016). Papeles invertidos: arañas depredadoras de gusanos de terciopelo neotropicales (*Epiperipatus* spp.; Onychophora: Peripatidae). *UNED Research Journal*, 8(2), 171–173. DOI: 10.22458/urj.v8i2.1557
- Franke, F. (2015). Gene Expression Studies in *Euperipatoides Rowelli*: Insights Into Segmentation and Organogenesis in Onychophora (Doctoral Dissertation). Germany, Verlag Nicht Ermittelbar.
- Franke, F. A., & Mayer, G. (2014). Controversies Surrounding Segments and Parasegments in Onychophora: Insights from the Expression Patterns of Four “Segment Polarity Genes” in the Peripatopsid *Euperipatoides rowelli*. *PLoS ONE*, 9(12), e114383. DOI: 10.1371/journal.pone.0114383

- Fuhrmann, O. (1914). Quelques nouveaux Péripates américaines. In: *Voyage d'Exploration Scientifique en Colombie* [Mémoires de la Société des Sciences Naturelles de Neuchatel, Volume 5]. O. Fuhrmann and E. Mayor, eds. Attinger Frères, Neuchatel, Switzerland. 176-192.
- Fuhrmann, O. (1915). Über eine neue Peripatus-Art vom Oberlauf des Amazonas. *Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft* 36: 275-283.
- Gabe, M. (1956). Particularités histologiques des glandes crurales des Onychophores. *Bulletin de la Société Zoologique de France* 81: 170.
- Gaffron, E. (1883). Anatomie und Histologie von Peripatus. 5-34. Dissertation thesis, University of Breslau.
- Gaffron, E. (1885). Beiträge zur Anatomie und Histologie von Peripatus. *Zoologische Beiträge* 1: 33-60.q
- Gardner, C.R. & Robson, E.A. (1978). A response to monoamines in *Peripatopsis moseleyi* (Onychophora). *Experientia* 34: 1576-1577.
- Gardner, C.R., Robson, E.A. & Stanford, C. (1978). The presence of monoamines in the nervous system of *Peripatopsis* (Onychophora). *Experientia* 34: 1577-1578.
- Garwood, R. J., Edgecombe, G. D., Charbonnier, S., Chabard, D., Soty, D., & Giribet, G. (2016). Carboniferous Onychophora from Montceau-les-Mines, France, and onychophoran terrestrialization. *Invertebrate Biology*, 135(3), 179–190. DOI: 10.1111/ivb.12130
- Gatenby, J.B. (1959). A note on the spermiogenesis of *Peripatoides novae-zealandiae*. *Transactions of the Royal Society of New Zealand* 87: 51-53.
- Gegenbaur, C. (1874). Dritter Abschnitt. Würmer. In: *Grundriss der Vergleichenden Anatomie* Verlag von Wilhelm Engelmann, Leipzig. 122-204.
- Gervais, P. (1836). Note descriptive sur Peripatus brevis. *Bulletin de la Société Entomologique de France* [1836] 15.
- Gervais, P. (1838). Sur le genre Périplate. *Annales Anat. Phys.* 2: 309-315.
- Ghiselin, M.T. (1974). The economy of nature and the evolution of sex. In: *The Economy of Nature and the Evolution of Sex*. M.T. Ghiselin, ed. University of California Press, Berkeley, California.
- Giribet, G. & Ribera, C. (1998). The position of arthropods in the animal kingdom: a search for a reliable outgroup for internal arthropod phylogeny. *Molecular Phylogenetics and Evolution* 9: 481-488.
- Gleeson, D. (1996). Uncovering the radiation of New Zealand's Onychophora using molecular data. *Proceedings of the International Congress of Entomology* 19: 61.
- Glime, J. M. (2017). Onychophora. In J. M. Glime (Ed.), *Bryophyte Ecology* (Vol. 2) *Bryological Interactions* (pp. Ebook 6-1-1). Michigan Technological University and the International Association of Bryologists.
- Gómez, R. (2002). La noción de “salud pública”: consecuencias de la polisemia. *Revista Facultad Nacional de Salud Pública*, 20, 101–116.
- Goodrich, E.S. (1897). On the relation of the arthropod head to the annelid prostomium, 40 ed. 247-268.

- Gould, S.J. (1992). The reversal of Hallucigenia. *Natural History* [New York, USA] 101: 12-20.
- Gould, S.J. (1995). Of tongue worms, velvet worms, and water bears. *Natural History* [New York, USA] 104: 6-15.
- Gowri, N. & Sundara Rajulu, G. (1976). A comparative study of the organic components of the haemolymph of *Eoperipatus weldoni* (Onychophora) and a pill-millipede *Arthrosphaera lutescens* (Diplopoda). *Journal of Animal Morphology and Physiology* 23: 60-75.
- Grabham, M. & Cockerell, T.D.A. (1892). Peripatus re-discovered in Jamaica. *Nature* 46: 514.
- Grabham, M. & Cockerell, T.D.A. (1928). Peripatus rediscovered in Jamaica. *Jamaica Naturalist* 1: 9-10.
- Graham, L. D., Glattauer, V., Li, D., Tyler, M. J., & Ramshaw, J. A. M. (2013). The adhesive skin exudate of Notaden bennetti frogs (Anura: Limnodynastidae) has similarities to the prey capture glue of Euperipatoides sp. velvet worms (Onychophora: Peripatopsidae). *Comparative Biochemistry and Physiology. Part B, Biochemistry & Molecular Biology*, 165(4), 250-9. DOI: 10.1016/j.cbpb.2013.04.008
- Gravier, C. & Fage, L. (1925a). Sur un Péripate de Borneo (*Eoperipatus horsti* R. Evans). *Bulletin du Museum National d'Historie Naturelle* 31: 453-456.
- Gravier, C. & Fage, L. (1925b). Sur une nouvelle espèce de Péripate du Chili (*Opisthopatus costesi*). *Annales des Sciences Naturelles, Zoologie et Biologie Animale* [10e Série] 8: 185-200.
- Gravier, C. & Fage, L. (1926). Remarques sur la distribution géographique des Péripates. *Compte Rendu des Association Française pour l'Avancement des Sciences* 49: 725-727.
- Grenier, J.K., Garber, T.L., Warren, R., Whitington, P.M. & Carroll, S. (1997). Evolution of the entire arthropod Hox gene set predated the origin and radiation of the onychophoran/arthropod clade. *Current Biology* 7: 547-553.
- Grube, E. (1853). Über den Bau von *Peripatus edwardsii*. Müller's Archives of Anatomy and Physiology [1853]: 322-360.
- Grube, E. (1866). *Peripatus capensis*. Jahresbericht der Schlesischen Gesellschaft für Vaterländische Cultur 43: 65-66.
- Grube, E. (1876). Über die systematische Stellung von *Peripatus*. Jahresbericht der Schlesischen Gesellschaft für Vaterländische Cultur 53: 72-73.
- Guilding, L. (1826). *Mollusca Caribbaeana*. *Zoological Journal* 2: 437-449.
- Guilding, L. (1828). *Mollusca Caribbaeana: An account of a new genus of Mollusca*. *Isis* 21: 158-159.
- Haase, E. (1889). Über die Bewegungen von *Peripatus*. *Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin* [1889]: 148-151.
- Hackman, R.H. & Goldberg, M. (1975). Peripatus: its affinities and its cuticle. *Science* 190: 582-583.
- Halstead Tarlo, L.B. (1967). Xenus - Onychophoran or Coelenterate? *Mercian Geologist* 2: 97-99.

- Hanström, B. (1935). Bemerkungen über das Gehirn und die Sinnesorgane der Onychophoren. Lunds Universitets Örsskrift NF 31: 1-37.
- Harris, A.C. (1991). A large aggregation of *Peripatoides novaezealandiae* (Hutton, 1876) (Onychophora: Peripatopsidae). Journal of the Royal Society of New Zealand 21: 405-406.
- Harvey, M. S., Shear, W. A., & Hoch, H. (2000). Onychophora, Arachnida, Myriapods and Insecta. In H. Wilkens, D. C. Culver, & W. F. Humphreys (Eds.), Ecosystems of the World Subterranean Ecosystems (pp. 79-94). Amsterdam, Elsevier.
- Havel, J.E., Wilson, C.C. & Hebert, P.D.N. (1989). Parental investment and sex allocation in a viviparous onychophoran. Oikos 56: 224-232.
- Hebert, P.D.N., Billington, N., Finston, T.L., Boileau, M.G., Beaton, M.J. & Barrette, R.J. (1991). Genetic variation in the onychophoran *Plicatoperipatus jamaicensis*. Heredity 67: 221-229.
- Heffron, J.J.A., Hepburn, H.R. & Zwi, J. (1976). On the sarcoplasmic reticulum of onychophoran somatic smooth muscle. Naturwissenschaften 63: 95.
- Heffron, J.J.A., Hepburn, H.R. & Zwi, L.J. (1977). Enzymic activities of the smooth body-wall muscle of the onychophoran *Peripatopsis mosleyi*. Biochemical Society Transactions 5: 1748-1750.
- Hendrickson, J. (1957). Peripatus in Malaysia. Malayan Nature Journal 12: 33-35.
- Hepburn, H.R. & Heffron, J.J.A. (1976). On the skeletal collagen of an onychophoran, *Peripatopsis mosleyi*. Cytobiologie 12: 481-486.
- Hering, L., Henze, M. J., Kohler, M., Kelber, A., Bleidorn, C., Leschke, M., ... Mayer, G. (2012). Opsins in onychophora (velvet worms) suggest a single origin and subsequent diversification of visual pigments in arthropods. Molecular Biology and Evolution, 29(11), 3451-3458.
- Hertel, W., Wirkner, C. S., & Pass, G. (2002). Studies on the cardiac physiology of Onychophora and Chilopoda. Comparative Biochemistry and Physiology - A Molecular and Integrative Physiology, 133(3):605-9.
- Herzberg, A., Ruhberg, H. & Storch, V. (1980). Zur Ultrastruktur des weiblichen Genitaltraktes der Peripatopsidae (Onychophora). Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 104: 266-279.
- Hewitt, C.G. (1905). Note on the buccal pits of Peripatus. Memoirs and Proceedings of the Manchester Literary & Philosophical Society 50: 2-8.
- Heymons, R. (1912). Eine neue Peripatusart (*Paraperipatus schultzei* n. sp.) aus Deutsch-Neu-Guinea. Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin [1912]: 215-222.
- Hill, R.P. (1950). Peripatus: A missing link. Discovery [London] 11: 14-18.
- Hilton, W.A. (1946). Remarks on the habitat of Peripatus on Barro Colorado Island, C.Z. Journal of Entomology and Zoology [Claremont, California] 38: 27.
- Horst, R. (1886). On a specimen of Peripatus, Guild., from Sumatra. Notes from the Leyden Museum 8: 37-41.

Horst, R. (1910). Paraperipatus lorentzi Horst, a new Peripatus from Dutch New Guinea. Notes from the Leyden Museum 32: 217-218.

Hou, X.-G. & Bergström, J. (1991). The arthropods of the Lower Cambrian Chengjiang fauna, with relationships and evolutionary significance. In: The Early Evolution of the Metazoa and the Significance of Problematic Taxa. A. M. Simonetta and S. Conway Morris, eds. Cambridge University Press, Cambridge, England. 179-187.

Hou, X.-G. & Bergström, J. (1995). Cambrian lobopodians - ancestors of extant onychophorans? Zoological Journal of the Linnean Society 114: 3-19.

Hoyle, G. & del Castillo, J. (1979). Neuromuscular transmission in Peripatus. Journal of Experimental Biology 83: 13-29.Å

Hoyle, G. & Williams, M. (1980). The musculature of Peripatus and its innervation. Philosophical Transactions of the Royal Society B, Biological Sciences 288: 481-510.

Huebner, E. & Lococo, D. (1993). Oogenesis in a viviparous onychophoran. Molecular Biology of the Cell 4 (Suppl): 24A.

Hutchinson, G.E. (1930). Restudy of some Burgess Shale fossils. Proceedings of the United States National Museum 78: 1-25.

Hutchinson, G.E. (1969). Aysheaia and the general morphology of the Onychophora. American Journal of Science 267: 1062-1066.

Hutton, F.W. (1876). On Peripatus novae-zealandiae. Annals and Magazine of Natural History [Series 4] 18: 361-369.

Ivo de S. Oliveira & Alfredo H. Wieloch. (2005). Macroperipatus machadoi sp. n. (Onychophora: Peripatidae) da Floresta Atlântica de Minas Gerais, Brasil. Lundiana, 6, 61–66.

Jahn, H., Oliveira, I. D. S., Gross, V., Martin, C., Hipp, A., Mayer, G., & Hammel, J. U. (2018). Evaluation of contrasting techniques for X-ray imaging of velvet worms (Onychophora). Journal of Microscopy, 270(3), 343–358. DOI: 10.1111/jmi.12688

Janssen, R., & Budd, G. E. (2017). Investigation of endoderm marker-genes during gut-development in the velvet worm Euperipatoides kanangrensis. Developmental Biology, 427(1), 155–164. DOI: 10.1016/j.ydbio.2017.04.014

Janvier, H. (1928). Le régime de l'Opisthopatus blainvillei. Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences 186: 1748-1749.

Jeffery, N. W., Oliveira, I. S., Gregory, T. R., Rowell, D. M., & Mayer, G. (2012). Genome size and chromosome number in velvet worms (Onychophora). Genetica, 140(10–12), 497–504. DOI: 10.1007/s10709-013-9698-5

Jerez-Jaimes, J. H., & Bernal-Pérez, M. C. (2009). Velvet worm taxonomy from Santander, Colombia and thermogravimetry, differential scanning calorimetry and infrared spectroscopy of the adhesive secretion (Onychophora: Peripatidae). Revista de Biología Tropical, 57(3), 567–588.

- Johow, F. (1911). Observaciones sobre los Onicoforos Chilenos. Boletin Museo Nacional de Historia Natural [Santiago] 3: 79-98.
- Kato, K. (1968). Histological and histochemical studies on the integument of *Peripatus sedgwicki*. Science Reports of Saitama University, Series B: Biology and Earth Sciences 5: 83-93.
- Kaye, M.D., Jones, W.R. & Anderson, D.T. (1972). Immunology and placentation in viviparous invertebrates. Journal of Reproduction and Fertility 31: 335-336.
- Kemp, S. (1913). Preliminary note on a new genus of Onychophora from the N. E. frontier of India. Records of the Indian Museum 9: 241-242.
- Kemp, S. (1914). Onychophora. Records of the Indian Museum 8: 471-492.
- King, S.D. (1926). Note on the oogenesis of *Peripatopsis capensis* (Purcell). Quarterly Journal of Microscopical Science 70: 553-558.
- Kirk, T.W. (1883). Habitat of *Peripatus novv-zealandi*v. New Zealand Journal of Science 1: 573.
- Kirwan, J. D., Graf, J., Smolka, J., Mayer, G., Henze, M. J., & Nilsson, D.-E. (2018). Low-resolution vision in a velvet worm (Onychophora). The Journal of Experimental Biology, 221(11), jeb175802. DOI: 10.1242/jeb.175802
- Kloss, C.B. (1926). Peripatus in the Malay Peninsula. Journal of the Malayan Branch of the Royal Asiatic Society 4: 167.
- Korschelt, E. & Heider, K. (1899). Onychophora (Peripatus). In: Text-Book of the Embryology of Invertebrates, Volume III. Arachnida, Pentastomidae, Pantopoda, Tardigrada, Onychophora, Myriapoda, Insecta Macmillan, New York. 164-217.Ò
- Krishnan, G. (1970). Chemical nature of the cuticle and its mode of hardening in *Eoperipatus weldoni*. Acta Histochemica 37: 1-17.
- Kusche, K., Ruhberg, H., & Burmester, T. (2002). A hemocyanin from the Onychophora and the emergence of respiratory proteins. Proceedings of the National Academy of Sciences of the United States of America, 99(16): 10545–10548.
- Laat, D. (2006). Variabilidade genética e estrutura populacional de *Peripatus acacioi* na estação ecológica do Tripuí, MG, (Tese Doutor em Ciência Animal). Universidade Federal de Minas Gerais, Belo Horizonte (Brazil), Escola de Veterinária. Retrieved from <http://www.sidalc.net/cgi-bin/wxis.exe/?IsisScript=AGB.xis&method=post&formato=2&cantidad=1&expresion=mfn=240896>
- Lacorte, G. A., De Sena Oliveira, I., & Da Fonseca, C. G. (2011a). Phylogenetic relationships among the Epiperipatus lineages (Onychophora: Peripatidae) from the Minas Gerais State, Brazil. Zootaxa, 2755, 57-65.
- Lacorte, G. A., Oliveira, I. S., & Fonseca, C. G. (2011b). Population structure and demographic inferences concerning the endangered onychophoran species *Epiperipatus acacioi* (Onychophora: Peripatidae). Genetics and Molecular Research, 10(4), 2775–2785. DOI: 10.4238/2011.November.9.1

- Lankester, E.R. (1904). On the movements of the parapodia of Peripatus, millipedes and centipedes. Quarterly Journal of Microscopical Science 47: 577-582.
- Latzel, R. (1884). V. Ordnung. Malacopoda Blainville 1840, Onychophora Grube 1853. In: Die Myriapoden der Österreichisch-Ungarischen Monarchie. A. Hölder, ed. 362-364.
- Lavallard, R. (1965). Étude au microscope électronique de l'épithélium tégumentaire chez *Peripatus acacioi* Marcus et Marcus. Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences 260: 965-968.
- Lavallard, R. & Campiglia, S. (1975). Contribution de la biologie de *Peripatus acacioi* Marcus et Marcus (Onychophore). V. Etude des Naissances dans un élevage de laboratoire. Zoologischer Anzeiger 195: 338-350.
- Lavallard, R. & Campiglia, S.S. (1979). Données ultrastructurales sur des zones synaptiques dans les nephridies de *Peripatus acacioi* Marcus et Marcus (Onychophore). Boletim de Fisiologia Animal 3: 145-156.
- Lavallard, R., Campiglia, S., Parisi Alvares, E. & Valle, C.M.C. (1975). Contribution de la biologie de *Peripatus acacioi* Marcus et Marcus (Onychophore). III. Etude descriptive de l'habitat. Vie et Milieu 25: 87-118..
- Lawrence, R.F. (1931). A new peripatopsid from the Table Mountain Caves. Annals of the South African Museum 30: 101-107.Å
- Lawrence, R.F. (1950). Peripatus - A living museum of antiquities. African Wildlife 4: 112-120.
- Lawrence, R.F. (1953). The Biology of the Cryptic Fauna of Forests, with Special Reference to the Indigenous Forests of South Africa. A.A. Balkema, Cape Town, South Africa.
- Lawrence, R.F. (1954). Fluorescence in Arthropoda. Journal of the Entomological Society of Southern Africa 17: 167-170.
- Lawrence, R.F. (1977). Insects, arachnids and Peripatus. In: A History of Scientific Endeavour in South Africa. A. C. Brown, ed. Royal Society of South Africa, Cape Town, South Africa. 109-131.
- Leuckart, R. (1869). Bericht über die Leistungen in der Naturgeschichte der niederen Thiere während der Jahre 1868-1869. Archiv für Naturgeschichte 35: 207-344.
- Lima, J. D., Ferreira, J. R., & Mendonça, M. A. (2001). Nota Sobre Distribuição E Ocorrência Do Filo Onychophora No Estado Do Maranhão. Boletim Do Laboratório de Hidrobiologia, 14(1), 115-119.
- Locke, M. & Huie, P. (1977). Bismuth staining of Golgi complex is a characteristic arthropod feature lacking in Peripatus. Nature 270: 341-343.
- Ludwig, H. (1886). III. Klasse. Onychophora (Protracheata). Onychophoren. In: Dr. Johannes Leunis Synopsis der drei Naturreiche Hahn'sche Buchhandlung, Hannover. 562-563.
- Manton, S.M. (1937). Studies on the Onychophora. IV. Proceedings of the Royal Society of London, Part B 124: S41.

- Manton, S.M. (1938). Studies on the Onychophora, IV. The passage of spermatozoa into the ovary in Peripatopsis and the early development of the ova. Philosophical Transactions of the Royal Society B, Biological Sciences 228: 421-444.
- Manton, S.M. (1949). Studies on the Onychophora VII. The early embryonic stages of Peripatopsis, and some general considerations concerning the morphology and phylogeny of the Arthropoda. Philosophical Transactions of the Royal Society B, Biological Sciences 233: 483-580.
- Manton, S.M. (1972). The evolution of arthropodan locomotory mechanisms. Part 10. Locomotory habits, morphology and evolution of the hexapod classes. Zoological Journal of the Linnean Society 51: 203-400.
- Marcus, E. (1937). Sobre os Onychophoros. Arquivos do Instituto Biológico [Sv/lo Paulo] 8: 255-266.
- Marcus, E. (1937). Um Onychophoro novo, *Peripatus (Epiperipatus) evelinae*, spec. nov. de Goyaz. Revista do Museu Paulista 21: 903-910.
- Marcus, E. & Marcus, E. (1955). A new *Peripatus* from Minas Gerais, Brazil. Anais da Academia Brasileira de Ciências 27: 189-193.
- Martin, C., & Mayer, G. (2014). Neuronal tracing of oral nerves in a velvet worm—Implications for the evolution of the ecdysozoan brain. Frontiers in Neuroanatomy, 8. DOI: 10.3389/fnana.2014.00007
- Martin, C., & Mayer, G. (2015). Insights into the segmental identity of post-oral commissures and pharyngeal nerves in Onychophora based on retrograde fills. BMC Neuroscience, 16(1), 53. DOI: 10.1186/s12868-015-0191-1
- Mayer, G. (2006). Origin and differentiation of nephridia in the Onychophora provide no support for the Articulata. Zoomorphology, 125(1), 1–12. DOI: 10.1007/s00435-005-0006-5
- Mayer, G. (2007). Metaperipatus inae sp. nov. (Onychophora: Peripatopsidae) from Chile with a novel ovarian type and dermal insemination. Zootaxa, 1440, 21–37.
- Mayer, G., Bartolomaeus, T., & Ruhberg, H. (2005). Ultrastructure of mesoderm in embryos of *Opisthopatus roseus* (Onychophora, Peripatopsidae): Revision of the “long germ band” hypothesis for *Opisthopatus*. Journal of Morphology, 263(1), 60–70. DOI: 10.1002/jmor.10289
- Mayer, G., & De Sena Oliveira, I. (2013). Phylum onychophora grube, 1853. Zootaxa, 3703(1), 15–16. DOI: 10.11646/zootaxa.3703.1.5
- Mayer, G., Franke, F. A., Treffkorn, S., Gross, V., & de Sena Oliveira, I. (2015). Onychophora. In A. Wanninger (Ed.), Evolutionary Developmental Biology of Invertebrates 3 (pp. 53–98). Vienna: Springer Vienna. DOI: 10.1007/978-3-7091-1865-8_4
- Mayer, G., & Harzsch, S. (2007). Immunolocalization of serotonin in Onychophora argues against segmental ganglia being an ancestral feature of arthropods. BMC Evolutionary Biology, 7(1), 118. <https://doi.org/10.1186/1471-2148-7-118>

- Mayer, G., & Harzsch, S. (2008). Distribution of serotonin in the trunk of *Metaperipatus blainvillei* (Onychophora, Peripatopsidae): Implications for the evolution of the nervous system in Arthropoda. *The Journal of Comparative Neurology*, 507(2), 1196–1208. DOI: 10.1002/cne.21603
- Mayer, G., Hering, L., Stosch, J. M., Stevenson, P. A., & Dirksen, H. (2015). Evolution of pigment-dispersing factor neuropeptides in panarthropoda: Insights from onychophora (velvet worms) and tardigrada (water bears). *Journal of Comparative Neurology*, 523(13), 1865–1885. DOI: 10.1002/cne.23767
- Mayer, G., Kato, C., Quast, B., Chisholm, R. H., Landman, K. A., & Quinn, L. M. (2010). Growth patterns in Onychophora (velvet worms): lack of a localised posterior proliferation zone. *BMC Evolutionary Biology*, 10(1), 339. DOI: 10.1186/1471-2148-10-339
- Mayer, G., & Koch, M. (2005). Ultrastructure and fate of the nephridial anlagen in the antennal segment of *Epiperipatus biolleyi* (Onychophora, Peripatidae)—evidence for the onychophoran antennae being modified legs. *Arthropod Structure & Development*, 34(4), 471–480.
- Mayer, G., & Oliveira, I. D. S. (2011). Phylum Onychophora Grube, 1853. In Zhang, Z.-Q. (Ed.) *Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness* (Addenda 2013). Zootaxa, 3703, 1–82.
- Mayer, G., Oliveira, I. S., Baer, A., Hammel, J. U., Gallant, J., & Hochberg, R. (2015). Capture of Prey, Feeding, and Functional Anatomy of the Jaws in Velvet Worms (Onychophora). *Integrative and Comparative Biology*, 55(2), 217–227.
- Mayer, G., Ruhberg, H., & Bartolomaeus, T. (2005). When an epithelium ceases to exist - an ultrastructural study on the fate of the embryonic coelom in *Epiperipatus biolleyi* (Onychophora, Peripatidae). *Acta Zoologica*, 85(3), 163–170. DOI: 10.1111/j.0001-7272.2004.00166.x
- Mayer, G., & Tait, N. N. (2009). Position and development of oocytes in velvet worms shed light on the evolution of the ovary in Onychophora and Arthropoda. *Zoological Journal of the Linnean Society*, 157(1), 17–33.
- Mayer, G., & Whitington, P. M. (2008, December). Insights into neural anatomy and development in Onychophora. In *JOURNAL OF MORPHOLOGY*, 269(12), 1463–1464.
- Mayer, G., & Whitington, P. M. (2009). Velvet worm development links myriapods with chelicerates. *Proceedings of the Royal Society B: Biological Sciences*, 276(1673), 3571–3579. DOI: 10.1098/rspb.2009.0950
- Mayer, G., Whitington, P. M., Sunnucks, P., & Pflueger, H.-J. (2010). A revision of brain composition in Onychophora (velvet worms) suggests that the tritocerebrum evolved in arthropods. *BMC Evolutionary Biology*, 10(1), 255. DOI: 10.1186/1471-2148-10-255
- McDonald, D. E. (2016). Species boundaries and conservation of the velvet worm genus *Peripatopsis* in South Africa, (Doctoral dissertation) Stellenbosch, Stellenbosch University.
- McDonald, D. E., & Daniels, S. R. (2012). Phylogeography of the Cape velvet worm (Onychophora: Peripatopsis capensis) reveals the impact of Pliocene/Pleistocene climatic oscillations on Afromontane forest in the Western Cape, South Africa. *Journal of Evolutionary Biology*, 25(5), 824–835. DOI: 10.1111/j.1420-9101.2012.02482.x

- McDonald, D. E., Ruhberg, H., & Daniels, S. R. (2012). Two new *Peripatopsis* species (Onychophora: Peripatopsidae) from the Western Cape province, South Africa. *Zootaxa*, 3380, 55–68.
- Mendes, E.G. & Sawaya, P. (1958). The oxygen consumption of "Onychophora" and its relation to size, temperature and oxygen tension. *Revista Brasileira de Biologia* 18: 129-142.
- Mesibov, B. (1990). Velvet worms: a special case of invertebrate fauna conservation. *Tasforests* 2: 53-56.
- Mesibov, B. (1998). Curious, yes, but not all that rare. *Invertebrata* 11: 6.
- Milne, L.J. & Milne, M.J. (1954). The worm that didn't turn into anything (Peripatus). *Natural History* [New York, USA] 63: 182-187.
- Milne-Edwards, H. (1842). Note sur le Péripate juliforme. *Annales des Sciences Naturelles* [2e Série] 18: 126-128.
- Min, G.-S., Kim, S.-H. & Kim, W. (1998). Molecular phylogeny of arthropods and their relatives: Polyphyletic origin of arthropodization. *Molecules and Cells* 8: 75-83.
- Moler, P. E., Babb, R. B., Van Devender, W., & Khoi, N. V. (2013). Second Record of Onychophora (Peripatidae) in Vietnam. *UNED Research Journal*, 5(1), 41–43. DOI: 10.22458/urj.v5i1.195
- Monge, J., & Xianguang, H. (2000). Disparity, decimation and the Cambrian "explosion": comparison of early Cambrian and Present faunal communities with emphasis on velvet worms (Onychophora). *Revista de Biología Tropical*, 48(2-3), 333-351.
- Monge-Nájera, J. (1994a). Reproductive trends, habitat type and body characteristics in velvet worms (Onychophora). *Revista de Biología Tropical* 42: 611-622.
- Monge-Nájera, J. (1994b). Ecological biogeography in the phylum Onychophora. *Biogeographica* 70: 111-123.
- Monge-Nájera, J. (1995). Phylogeny, biogeography and reproductive trends in the Onychophora. *Zoological Journal of the Linnean Society* 114: 21-60.
- Monge-Nájera, J. (1996). Jurassic-Pliocene biogeography: Testing a model with velvet worm (Onychophora) vicariance. *Revista de Biología Tropical* 44: 159-175.
- Monge-Nájera, J. (2015). Reproductive trends, habitat type and body characteristics in velvet worms (Onychophora). *Revista de Biología Tropical*, 42L3: 611-622. Retrieved from <http://arxiv.org/abs/1511.01056>
- Monge-Nájera, J. (2018). City Worms (Onychophora): why do fragile invertebrates from an ancient lineage live in heavily urbanized areas? *UNED Research Journal*, 10(1), 91-94. DOI: 10.22458/urj.v10i1.2045
- Monge-Nájera, J. (2019). "I, astonished, discovered by chance the only specimen": the first velvet worm (Onychophora). *Columna Darwin In Memoriam, Revista de Biología Tropical*, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/39056>
- Monge-Nájera, J. & Alfaro, J.P. (1995). Geographic variation of habitats in Costa Rican velvet worms (Onychophora: Peripatidae). *Biogeographica* 71: 97-108.

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019a). Why do velvet worm spermatozoa swim for years? Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36240>

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019b). Two ways to be a velvet worm. Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36107>

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019c). Why are there no onychophorans in Cuba? Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36418>

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019d). Why do onychophorans and camels need the same gestation time? Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36118>

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019e). Are the eggs - kept and fed by the mother - the ancestral form of reproduction in onychophorans? Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36398>

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019f). What do we really know about how velvet worms mate? Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36337>

Monge-Nájera, J., Barquero-González, P., & Morera-Brenes, B. (2019g). Why do some Australian onychophorans have fantastic heads? Columna Darwin In Memoriam, Revista de Biología Tropical, Universidad de Costa Rica. Recuperado de <https://revistas.ucr.ac.cr/index.php/rbt/article/view/36337>

Monge-Nájera, J., Barrientos, Z. & Aguilar, F. (1993). Behavior of *Epiperipatus bolleyi* (Onychophora: Peripatidae) under laboratory conditions. Revista de Biología Tropical 41: 689-696.

Monge-Nájera, J., Barrientos, Z. & Aguilar, F. (1996). Experimental behaviour of a tropical invertebrate: *Epiperipatus bolleyi* (Onychophora: Peripatidae). In: Acta Myriapodologica. Mém. Mus. natn. Hist. nat. J.-J. Geoffroy, J.-P. Mauriés, and M. Nguyen Duy-Jacquemin, eds. Musée National d'Historie Naturelle, Paris. 493-494.

Monge-Najera, J. & Lourenco, W.R. (1995). Biogeographic implications of evolutionary trends in onychophorans and scorpions. Biogeographica 71: 179-185.

Monge-Nájera, J., & Morera-Brenes, B. (2015). Velvet Worms (Onychophora) in Folklore and Art: Geographic Pattern, Types of Cultural Reference and Public Perception. British Journal of Education, Society and Behavioural Science, 10(3), 1-9.

Montgomery, T.H. (1900). The spermatogenesis of *Peripatus* (*Peripatopsis*) balfouri up to the formation of the spermatid. Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere 14: 277-368.

Montgomery, T.H. (1912). Complete discharge of mitochondria from the spermatozoon of *Peripatus*. Biological Bulletin 22: 309319.

Mora, M., Herrera, A. & Leín, P. (1996). Análisis electroforético de las secreciones adhesivas de onicóforos del genero Epiperipatus (Onychophora: Peripatidae). Revista de Biología Tropical 44: 147-152.

Moreira-Neto, P. L., Sales, A. V., Camila de Oliveira, L. I. M. A., do Amaral, F. C., de Barros-Junio, I., da Conceição Matildes, C., & Batista, N. G. (2017). Estação Ecológica Do Tripuí (Eet): Estudo Do Peripatus Acacioi Na Região De Ouro Preto/Mg. ANAIS do 34º Congresso Brasileiro de Espeleologia, 2113, 335–344.

Morera, B., Monge-Nájera, J., & Mora, P. C. (2018). The Conservation Status of Costa Rican Velvet Worms (Onychophora). DOI: 10.20944/PREPRINTS201812.0151.V1

Morera, B., Monge-Nájera, J., & Sáenz, R. (1988). Parturition in onychophorans: New record and a review. Brenesia 29: 15-20.

Morera-Brenes, B., Herrera, A., Mora, M. & Leín, P. (1992). Estudios genómicos de Epiperipatus bolleyi (Peripatidae, Onychophora). Revista Brasileira de Genética (Brazilian Journal of Genetics) 15: 91

Morera-Brenes, B., & Monge-Nájera, J. (2010). A new giant species of placented worm and the mechanism by which onychophorans weave their nets (Onychophora: Peripatidae). Revista de Biología Tropical, 58(4), 1127-1142.

Morera-Brenes, B., Monge Nájera, J., & Carrera Mora, P. (2019). The conservation status of Costa Rican velvet worms (Onychophora): geographic pattern, risk assessment and comparison with New Zealand velvet worms. UNED Research Journal, 11(3). DOI: 10.22458/urj.v11i3.2262

Moritz, C. (1839). Noch einige Worte über Peripatus, Guild. Archiv für Naturgeschichte 5: 175-176.

Morrison, P.R. (1946a). Parturition in Peripatus. Psyche 53: 1-3.

Morrison, P.R. (1946b). Physiological observations on water loss and oxygen consumption in Peripatus. Biological Bulletin 91: 181-188.

Moseley, H.N. (1877). Remarks on observations by Captain Hutton, Director of the Otago Museum, on Peripatus novae-zealandiae, with notes on the structure of the species. Annals and Magazine of Natural History [Series 4] 19: 85-91.

Moseley, H.N. (1879). Notes on the species of Peripatus, and especially on those of Cayenne and the West Indies. Annals and Magazine of Natural History [Series 5] 3: 263-267.

Moseley, H.N. & Sedgwick, A. (1883). Summary of: "Existence of a blastopore and origin of the mesoblast in Peripatus." Journal of the Royal Microscopical Society [Series 2] 3: 52-53.

Müller, M., Oliveira, I. de S., Allner, S., Ferstl, S., Bidola, P., Mechlem, K., ... Pfeiffer, F. (2017). Myoanatomy of the velvet worm leg revealed by laboratory-based nanofocus X-ray source tomography. Proceedings of the National Academy of Sciences of the United States of America, 114(47), 12378–12383. DOI: 10.1073/pnas.1710742114

Murdock, D. J., Gabbott, S. E., Mayer, G., & Purnell, M. A. (2014). Decay of velvet worms (Onychophora), and bias in the fossil record of lobopodians. BMC Evolutionary Biology, 14(1), 222. DOI: 10.1186/s12862-014-0222-z

Myburgh, A. M., & Daniels, S. R. (2015). Exploring the Impact of Habitat Size on Phylogeographic Patterning in the Overberg Velvet Worm *Peripatopsis overbergiensis* (Onychophora: Peripatopsidae). *Journal of Heredity*, 106(3), 296–305. DOI: 10.1093/jhered/esv014

Nicholls, H.A.A. (1888). Fauna and flora of the Lesser Antilles (On Peripatus of Dominica). *Nature* 38: 566.

Nicolas, A. (1889). Sur les rapports des muscles et des éléments épithéliaux dans le pharynx du Périplate (*Peripatus capensis*). *Revue Biologique du Nord de la France* 2: 81-98.

Norman, J. M., & Tait, N. N. (2004). Light and Electron Microscopy of the Egg Membranes and Oviduct of the Oviparous Peripatus *Planipapillus mundus* (Onychophora: Peripatopsidae). *Microscopy and Microanalysis*, 10(S02), 244–245. DOI: 10.1017/S1431927604883533

Norman, J. M., & Tait, N. N. (2008). Ultrastructure of the eggshell and its formation in *Planipapillus mundus* (onychophora: peripatopsidae). *Journal of Morphology*, 269(10), 1263–1275. DOI: 10.1002/jmor.10658

Oliveira, I. de S., Franke, F. A., Hering, L., Schaffer, S., Rowell, D. M., Weck-Heimann, A., ... Mayer, G. (2012). Unexplored Character Diversity in Onychophora (Velvet Worms): A Comparative Study of Three Peripatid Species. *PLoS ONE*, 7(12). DOI: 10.1371/journal.pone.0051220

Oliveira, I. S., Lacorte, G. A., Fonseca, C. G., Wieloch, A. H., & Mayer, G. (2011). Cryptic speciation in Brazilian epiperipatus (Onychophora: Peripatidae) reveals an underestimated diversity among the peripatid velvet worms. *PLoS One*, 6(6), e19973. DOI: 10.1371/journal.pone.001997

Oliveira, I. de S., Lacorte, G. A., Weck-Heimann, A., Cordeiro, L. M., Wieloch, A. H., & Mayer, G. (2015). A new and critically endangered species and genus of Onychophora (Peripatidae) from the Brazilian savannah – a vulnerable biodiversity hotspot. *Systematics and Biodiversity*, 13(3), 211–233. DOI: 10.1080/14772000.2014.985621

Oliveira, I. de S., Read, V. M. S. J., & Mayer, G. (2012). A world checklist of onychophora (velvet worms), with notes on nomenclature and status of names. *ZooKeys*, 211, 1–70.

Oliveira, I. de S., Schaffer, S., Kvartalnov, P. V., Galoyan, E. A., Palko, I. V., Weck-Heimann, A., ... Mayer, G. (2013). A new species of *Eoperipatus* (Onychophora) from Vietnam reveals novel morphological characters for the South-East Asian Peripatidae. *Zoologischer Anzeiger-A Journal of Comparative Zoology*, 252(4), 495-510.

Oliveira, I. D. S., Wieloch, A. H., & Mayer, G. (2010). Revised taxonomy and redescription of two species of the Peripatidae (Onychophora) from Brazil: A step towards consistent terminology of morphological characters. *Zootaxa*, 2493(1), 16-34.

Olliff, A.S. (1888). Note on a specimen of Peripatus found at Cassilis, New South Wales. *Proceedings of the Linnean Society of New South Wales*, 2nd Series 2: 981.

Packard, A.S. (1883). Note on a Peripatus from the Isthmus of Panama. *American Naturalist* 17: 881-882.

Packard, A.S. (1898). Relations of Peripatus to insects. In: *A text-book of Entomology* . A. S. Packard, ed. The MacMillan Company, New York. 9-11.

Pass, G. (1991). Antennal circulatory organs in Onychophora, Myriapoda and Hexapoda: Functional morphology and evolutionary implications. *Zoomorphology* 110: 145-164.

- Peck, S.B. (1975). A review of the New World Onychophora with the description of a new cavernicolous genus and species from Jamaica. *Psyche* 82: 341-358.
- Peters, W. (1880). Die Variation der Fusszahl bei Peripatus capensis Grube. *Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin* [1880]: 165-166.
- Pflugfelder, O. (1955). Die Tracheen der Onychophoren und der Insekten. *Mikrokosmos* 44: 169-171.
- Picado, C. (1911). Sur un habitat nouveau de Peripatus. *Bulletin du Museum National d'Historie Naturelle* 17: 415-416.
- Pinto-da-Rocha, R. (2004). Foto de Peripatus no hábitat natural. Rio de Janeiro: Guanabara Koogan. Retrieved from <https://bdpi.usp.br/item/001370608>
- Poinar, G. (2005). Fossil onychophorans from Dominican and Baltic amber: *Tertiapatus dominicanus* n.g., n.sp. (*Tertiapatidae* n.fam.) and *Succinipatopsis balticus* n.g., n.sp. (*Succinipatopsidae* n.fam.) with a proposed classification of the subphylum Onychophora. *Invertebrate Biology*, 119(1), 104–109. DOI: 10.1111/j.1744-7410.2000.tb00178.x
- Poinar, G. (1996). Fossil velvet worms in Baltic and Dominican amber: Onychophoran evolution and biogeography. *Science* 273: 1370-1371.
- Poinar, Jr. G. (2000). Fossil onychophorans from Dominican and Baltic amber: *Tertiapatus dominicanus* n.g., n.sp. (*Tertiapatidae* n.fam.) and *Succinipatopsis balticus* n.g., n.sp. (*Succinipatopsidae* n.fam.) with a proposed classification of the subphylum Onychophora. *Invertebrate Biology*, 119(1), 104-109. DOI: 10.1111/j.1744-7410.2000.tb00178.x
- Porter, C.E. (1905). Lecciones de historia natural dictadas a los alumnos del 4 año de la Escuela Naval (curso de 1904): Los Onicóforos. *Revista Chilena de Historia Natural* 9: 124-128.
- Porter, C.E. (1914). Reseña histórica de los estudios sobre los Invertebrados chilenos, bibliografía más importante y estado actual de la sección correspondiente en el Museo Nacional. *Boletín del Museo Nacional de Chile* 7: 135-157. Ó
- Porter, C.E. (1917). Bibliografía chilena razonada de Miriápodos y Onicóforos. *Revista Chilena de Historia Natural* 21: 52-62.
- Prenant, A. (1890). Note sur les éléments séminaux d'un Peripatus. *Revue Biologique du Nord de la France* 2: 169-174.
- Pripnow, B., & Ruhberg, H. (2003). Peripatopsidae (Onychophora) from New Zealand - observations on selected morphs of the 'Peripatoides novaezealandiae-complex' in culture: morphological and reproductive aspects. *African Invertebrates*, 44(1), 103–114.
- Raghuvavarman, A. & Dey-Sudip, H.H.R. (1998). Acid mucopolysaccharides in the body cuticle of the peripatus, *Typhiloperipatus weldoni* in relation to the cutaneous mode of sperm transfer. *Journal of Endocrinology and Reproduction* 1: 80-85.
- Read, V.M.St.J. (1988). The application of scanning electron microscopy to the systematics of the neotropical Peripatidae (Onychophora). *Zoological Journal of the Linnean Society* 93: 187-223.

- Reid, A. L. (2000a). Descriptions of *Lathropatus nemorum*, gen. et. sp. Nov., and six new ooperipatus Dendy (Onychophora: Peripatopsidae) from South-Eastern Australia. *Proceedings of the Royal Society of Victoria*, 112(2), 153–183.
- Reid, A. (2000b). Eight New *Planipapillus* (Onychophora: Peripatopsidae) from Southeastern Australia. *Proceedings of the Linnean Society of New South Wales*, 2000(122), 1–32.
- Reid, A. (2002). Western Australian Onychophora (Peripatopsidae): a new genus, *Kumbadjena*, for a southern species-complex. *Records of the Western Australian Museum*, 21(2), 129.
- Reinhard, J., & Rowell, D. M. (2005). Social behaviour in an Australian velvet worm, *Euperipatoides rowelli* (Onychophora: Peripatopsidae). *Journal of Zoology*, 267(1), 1–7.
- Rhebergen, F. & Donovan, S.K. (1994). A lower Palaeozoic "onychophoran" reinterpreted as a pelmatozoan (stalked echnioderm) column. *Atlantic Geology* 30: 19-23.
- Robson, E.A. (1964). The cuticle of *Peripatopsis moseleyi*. *Quarterly Journal of Microscopical Science* 105: 281–299.
- Robson, E.A., Lockwood, A.P.M. & Ralph, R. (1966). Composition of the blood in Onychophora. *Nature* 209: 533.
- Rockman, M. V., & Rowell, D. M. (2002). Episodic chromosomal evolution in *Planipapillus* (Onychophora: Peripatopsidae): A phylogenetic approach to evolutionary dynamics and speciation. *Evolution*, 56(1), 58–69. DOI: 10.1111/j.0014-3820.2002.tb00849.x
- Roeding, F., Hagner-Holler, S., Ruhberg, H., Ebersberger, I., von Haeseler, A., Kube, M., ... & Burmester, T. (2007). EST sequencing of Onychophora and phylogenomic analysis of Metazoa. *Molecular Phylogenetics and Evolution*, 45(3), 942–951.
- Röhlig, D., Dunlop, J. A., Ruhberg, H., & Friederichs, A. (2010). An annotated catalogue of the velvet worms (Onychophora) held in the Museum für Naturkunde Berlin. *Zoosystematics and Evolution*, 86(2), 225–234. DOI: 10.1002/zoot.20100005
- Rolfe, W.D.I., Schram, F.R., Pacaud, G., Sotty, D. & Secretan, S. 1982. A remarkable Stephanian biota from Montceau-les-Mines, France. *Journal of Paleontology* 56: 426-428.
- Rowell, D. M., Rockman, M. V., & Tait, N. N. (2002). Extensive Robertsonian rearrangement: Implications for the radiation and biogeography of *Planipapillus* Reid (Onychophora: Peripatopsidae). *Journal of Zoology*, 257, 171-179. DOI: 10.1017/S0952836902000778
- Rudall, K.M. (1955). The distribution of collagen and chitin. *Symposia of the Society for Experimental Biology* 9: 49-70.
- Ruhberg, H. (1985). Die Peripatopsidae (Onychophora). Systematik, Ökologie, Chorologie und phylogenetische Aspekte. In: *Zoologica*, Heft 137. F. Schaller, ed. E. Schweizerbart'sche Verlagsbuchhandlung, Stuttgart.
- Ruhberg, H., & Daniels, S. R. (2011, July). Similar, yet different—cryptic speciation in the South African velvet worm *Peripatopsis moseleyi*. 15th International Congress of Myriapodology, Brisbane, Australia.

- Ruhberg, H., & Daniels, S. R. (2013). Morphological assessment supports the recognition of four novel species in the widely distributed velvet worm *Peripatopsis moseleyi* sensu lato (Onychophora: Peripatopsidae). *Invertebrate Systematics*, 27(2), 131-145.
- Ruhberg, H., & Hamer, M. L. (2005). A new species of *Opisthopatus Purcell*, 1899 (Onychophora: Peripatopsidae) from KwaZulu-Natal, South Africa. *Zootaxa*(1039), 27–38.
- Ruhberg, H. & Storch, V. (1978). Zur Ultrastruktur der accessorischen Genitaldrüsen von *Opisthopatus cinctipes* (Onychophora, Peripatopsidae). *Zoologischer Anzeiger* 200: 289-299.
- Ruhberg, H., Tait, N.N., Briscoe, D.A. & Storch, V. (1988). *Cephalofovea tomahmontis* n. gen., n. sp., an Australian peripatopsid (Onychophora) with a unique cephalic pit. *Zoologischer Anzeiger* 221: 117-133.
- Ryu, S. H., Kang, C. W., Choi, J., Myung, Y., Ko, Y.-J., Lee, S. M., ... Son, S. U. (2018). Microporous Porphyrin Networks Mimicking a Velvet Worm Surface and Their Enhanced Sensitivities toward Hydrogen Chloride and Ammonia. *ACS Applied Materials & Interfaces*, 10(8), 6815–6819. DOI: 10.1021/acsami.7b19119
- Saint-Remy, G. (1889). Sur la structure du cerveau chez les Myriopodes et les Arachnides. *Revue Biologique du Nord de la France* 2: 41-55.
- Sampaio-Costa, C., Chagas, A., & Baptista, R. L. C. (2009). Brazilian species of Onychophora with notes on their taxonomy and distribution. *Zoologia*, 26(3), 553–561. DOI: 10.1590/S1984-46702009005000004
- Sanchez, S. (1958). Cellules neurosécrétrices et organes infracérébraux de *Peripatopsis moseleyi* Wood (Onychophores) et neurosécrétion chez *Nymphon gracile* Leach (Pycnogonides). *Archives de Zoologie Experimentale et Generale [Notes et Revue]* 96: 57-62.
- Santana, G. G., Almeida, W. D. O., Alves, R. R. da N., & Vasconcellos, A. (2008). Extension of the northern distribution of Onychophora in the Brazilian Atlantic Forest. *Biotemas*, 21(2), 161–163. DOI: 10.5007/2175-7925.2008v21n2p161
- Schreiber, G., Simoes, L.C.G. & Marques da Silva, I. (1963). Cytological and cytochemical researches in *Peripatus acacioi* Marcus & Marcus. *Proceedings of the International Congress of Zoology* 16: 277.
- Schrock, R.R. & Twenhofel, W.H. (1953). Onychophora. In: *Principles of Invertebrate Paleontology* (2nd Ed.) [McGraw Hill Series in Geology] McGraw-Hill Publishers, New York. 531-535.
- Schürmann, F.W. & Sandeman, D.C. (1976). Giant fibres in the ventral nerve cord of *Peripatoides leuckarti* (Onychophora). *Naturwissenschaften* 63: 580-581.
- Sclater, W.L. (1887). Notes on the Peripatus of British Guiana. *Proceedings of the Zoological Society of London* 1887: 130-137.
- Sclater, W.L. (1888). On the early stages of the development of South American species of Peripatus. *Quarterly Journal of Microscopical Science* 28: 343-363.
- Scorza, J.V. (1953). Contribución al estudio de los Peripatus Caribes (Epiperipatus) de Venezuela, con adición de una nueva especie. *Revista de sanidad y Asistencia Social* 18: 783-788.

- Sedgwick, A. (1884). On the origin of metamerie segmentation and some other morphological questions. *Quarterly Journal of Microscopical Science* 24: 43-82.
- Sedgwick, A. (1885a). On the fertilised ovum and formation of the layers of the South African Peripatus. *Proceedings of the Royal Society of London* 39: 239-244.
- Sedgwick, A. (1885b). The development of *Peripatus capensis*. Part I. *Quarterly Journal of Microscopical Science* 25: 449-468.
- Sedgwick, A. (1886). The development of the Cape species of Peripatus. Part II. *Quarterly Journal of Microscopical Science* 26: 175-212.
- Sedgwick, A. (1888a). A monograph on the species and distribution of the genus Peripatus (Guilding). *Quarterly Journal of Microscopical Science* 28: 431-493.
- Sedgwick, A. (1888b). The development of the Cape species of Peripatus. Part IV. The changes from stage G to birth. *Quarterly Journal of Microscopical Science* 28: 373-396.
- Sedgwick, A. (1889). Peripatus in Australia. *Nature* 39: 412-413.
- Sedgwick, A. (1891). An oviparous species of Peripatus. *Nature* 44: 494.
- Sedgwick, A. (1908a). Relation between the geographical distribution and the classification of the Onychophora. *Proceedings of the Cambridge Philosophical Society* 14: 546.±
- Sedgwick, A. (1908b). The distribution and classification of the Onychophora. *Quarterly Journal of Microscopical Science* 52: 379-406.
- Sedgwick, A. (1910). *Peripatus papuensis*. *Nature* 83: 369-370.
- Segovia, R., Pett, W., Trewick, S., & Lavrov, D. V. (2011). Extensive and evolutionarily persistent mitochondrial tRNA editing in velvet worms (Phylum Onychophora). *Molecular Biology and Evolution*, 28(10), 2873-81. DOI: 10.1093/molbev/msr11
- Sheldon, L. (1887). On the development of *Peripatus novae-zealandiae*. *Quarterly Journal of Microscopical Science* 28: 205-237.
- Sheldon, L. (1888). Notes on the anatomy of *Peripatus capensis* and *Peripatus novae-zealandiae*. *Quarterly Journal of Microscopical Science* 28: 495-499.
- Sheldon, L. (1890). The maturation of the ovum in the Cape and New Zealand species of Peripatus. *Quarterly Journal of Microscopical Science* 30: 1-29.
- Sherbon, B. J., & Walker, M. H. (2004). A new species of *Peripatopsis* from South Africa, *P. stelliporata*, with observations on embryonic development and sperm degradation (Onychophora, Peripatopsidae). *Journal of Zoology*, 264(3), 295–305. DOI: 10.1017/S0952836904005783
- Silva, J. R. M. C., Coelho, M. P. D., & Nogueira, M. I. (2000). Induced inflammatory process in *Peripatus acacioi* Marcus et Marcus (Onychophora). *Journal of Invertebrate Pathology*, 75(1), 41–46. DOI: 10.1006/jipa.1999.4898

- Silvestri, F. (1899). Distribuzione geografica della Koenenia mirabilis Grassi ed altre Artropodi Peripatoides blainvillei (Blanch). *Zoologischer Anzeiger* 22: 369-371.
- Simoes, L.C.G., Marques da Silva, I. & Schreiber, G. (1964). DNA e volume nuclear em tecidos de Peripatus acacioi (Marcus & Marcus). *Ciência e Cultura [São Paulo]* 16: 291-295.
- Simon, M. (2014). Absurd Creature of the Week: Voracious Velvet Worm Ensnares Foes with Jets of Slime. Retrieved from <https://www.wired.com/2014/08/absurd-creature-of-the-week-velvet-worm/>
- Simonetta, A.M. (1975). Remarks on the origin of the Arthropoda. *Atti della Società Toscana di Scienze Naturali, Memorie, Serie B* 82: 112-134.
- Smith, M. R. (2016). Evolution: Velvet Worm Biogeography. *Current Biology*, 26(19), R882–R884. DOI: 10.1016/J.CUB.2016.07.067
- Snodgrass, R.E. (1938). Evolution of the Annelida, Onychophora and Arthropoda. *Smithsonian Miscellaneous Collections* 97: 1-159.
- Sosa-Bartuano, Á., Monge-Nájera, J., & Morera-Brenes, B. (2018). A proposed solution to the species problem in velvet worm conservation (Onychophora). *UNED Research Journal*, 10(1), 204-208.
- Stern, M., & Bicker, G. (2008). Mixed cholinergic/glutamatergic neuromuscular innervation of Onychophora: A combined histochemical/electrophysiological study. *Cell and Tissue Research*, 333(2), 333–338. DOI: 10.1007/s00441-008-0638-0
- Stoner, D. (1923). Collecting Peripatus in New Zealand. *Science* 58: 341-342.
- Storch, V., Alberti, G. & Ruhberg, H. (1979). Light and electron microscopical investigations on the salivary glands of *Opisthopatus cinctipes* and *Peripatopsis moseleyi* (Onychophora: Peripatopsidae). *Zoologischer Anzeiger* 203: 35-47.
- Storch, V. & Ruhberg, H. (1977). Fine structure of the sensilla of *Peripatopsis moseleyi* (Onychophora). *Cell & Tissue Research* 177: 539-553.
- Storch, V. & Ruhberg, H. (1990). Electron microscopic observations on the male genital tract and sperm development in *Peripatus sedgwicki* (Peripatidae, Onychophora). *Invertebrate Reproduction and Development* 17: 47-56.
- Stuhlmann, F. (1886). Die Reifung des Arthropodeneies nach Beobachtung an Insekten, Spinnen, Myriapoden und Peripatus. *Berichte der Naturforschenden Gesellschaft zu Freiburg i. B.* 1: 128.
- Subramoniam, T. & Azariah, J. (1974). On the structure and histochemistry of the cuticle of austroperipatus Peripatoides novae-zealandiae. *Acta Histochemica* 50: 75-83.
- Sundara Rajulu, G. & Gowri, N. (1990). Some observations on the structure of the oral end of the lobopod worms. *Indian Zoologist* 14: 179-182.
- Sundara Rajulu, G., Krishnan, N. & Singh, M. (1970). The haemocytes of *Eoperipatus weldonii* (Onychophora: Arthropoda). *Zoologischer Anzeiger* 184: 220-225.

- Sundara Rajulu, G. & Singh, M. (1969). Physiology of the heart of *Eoperipatus woldoni* (Onychophora). *Naturwissenschaften* 56: 38.
- Sunnucks, P., & Tait, N. N. (2001). "What's so interesting about velvet worm sex." Tales of the Unexpected. *Nature Australia*, 27, 60-69.
- Tait, N.N. & Briscoe, D.A. (1990). Sexual head structures in the Onychophora: Unique modifications for sperm transfer. *Journal of Natural History* 24: 1517-1527.
- Thai, B. T & Nguyen, A. D. (2010). Discovery of EOPERIPATUS SP. (PERIPATIDAE), the first representative of hooked animals (ONYCHOPHORA) in Vietnam. *Journal of Biology (Hanoi)*. 32, 36–39. Retrieved from http://thuvien.ued.udn.vn:8080/dspace/handle/TVDHSPDN_123456789/43731
- Tait, N. N., & Norman, J. M. (2001). Novel mating behaviour in *Florelliceps stutchburyae* gen. nov., sp. nov. (Onychophora: Peripatopsidae) from Australia. *Journal of Zoology*, 253(3), 301–30
- Thiruketheeswaran, P., Greven, H., & D'Haese, J. (2017). Gelsolin in Onychophora and Tardigrada with notes on its variability in the Ecdysozoa. *Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology*, 203, 47–52. DOI: 10.1016/J.CBPB.2016.09.003
- Thompson, I. & Jones, D.S. (1980). A possible onychophoran from the Middle Pennsylvanian Mazon Creek Beds of northern Illinois. *Journal of Paleontology* 54: 588-596.
- Toledo-Matus, X., Rivera-Velázquez, G., Monge-Nájera, J., & Morera-Brenes, B. (2018). An undescribed species of velvet worm from Chiapas, Mexico (Onychophora: Peripatidae). *UNED Research Journal*, 10(1), 190-191. DOI: 10.22458/urj.v10i1.2025
- Treffkorn, S., & Mayer, G. (2017). Conserved versus derived patterns of controlled cell death during the embryonic development of two species of Onychophora (velvet worms). *Developmental Dynamics*, 246(5), 403–416. DOI: 10.1002/dvdy.24492
- Trewick, S., Hitchmough, R., Rolfe, J., & Stringer, I. (2018). Conservation status of New Zealand Onychophora ('peripatus' or velvet worm), 2018. *New Zealand Threat Classification Series* 26. Department of Conservation, Wellington.
- Trindade, G. (1958). Peripatus e sua possível utilização em laboratório. In *Anais do III Congresso de Farmácia e Bioquímica Pan-americano e V Congresso Brasileiro de Farmácia* (pp. 519-520).
- Tutt, K., Daugherty, C. H., & Gibbs, G. W. (2002). Differential life-history characteristics of male and female *Peripatoides novaezealandiae* (Onychophora: Peripatopsidae). *Journal of Zoology*, 258(2), 257–267. DOI: 10.1017/S095283690200136X
- Tuzet, O. & Manier, J.-F. (1958). Recherches sur *Peripatopsis moseleyi* Wood-Mason périplate du Natal. I. Étude sur le sang. II. La spermatogenèse. *Bulletin Biologique de la France et de la Belgique* 92: 7-23.
- Udie, P. (2000). Progress in Studies on Myriapoda and Onychophora. 11th International Congress of Myriapodology, 43(1981), 19–35.
- Vachon, M. (1954). Répartition actuelle et ancienne des Onychophores ou Peripates. *Revue Générale des Sciences Pures et Appliquées et Bulletin de l'Association Française pour l'Avancement des Sciences* 61: 300-308.

van der Lande, V.M. (1991). Native and introduced Onychophora in Singapore. *Zoological Journal of the Linnean Society* 102: 101-114.

van der Lande, V.M. (1993). Onychophora of New Guinea - a review. *Science in New Guinea* 19: 3-10.

Vasconcellos, A., Almeida, W. O., Eloy, E. C. C., Pôrto, K. C., Cabral, J. J. P., & Tabarelli, M. (2004).

Onychophora de florestas úmidas do complexo da Mata Atlântica do nordeste brasileiro e sua importância para conservação e estudos sistemáticos. Brejos de Altitude: história natural, ecologia e conservação. Ministério do Meio Ambiente, Brasília, 139-144.

Vasconcellos, A., Almeida, W. O., & Souza, L. A. (2006). Onychophora in humid forests of Northeastern Brazil. *Brazilian Journal of Biology*, 66(1 A), 187–189. DOI: 10.1590/S1519-6

Vincent, M. (1936). Un nouveau type de Coccidie des Péripates. *Comptes Rendus des Séances de la Société de Biologie et de ses Filiales* 122: 260-262.

Vogel, G. (1996). Viewing velvet worms in amber. *Science* 273: 1340.

von Kennel, J. (1883a). Biologische und faunistische Notizen aus Trinidad. *Arbeiten aus dem Zoologisch-Zootomischen Institut in Würzburg* 6: 269-286.

von Kennel, J. (1883b). Entwicklungsgeschichte von Peripatus. *Zoologischer Anzeiger* 6: 531-537.

von Kennel, J. (1883c). On the development of Peripatus. *Nature* 29: 92-94.

von Kennel, J. (1885). Entwicklungsgeschichte von Peripatus edwardsii Blanch. und Peripatus torquatus n.sp. I. Theil. *Arbeiten aus dem Zoologisch-Zootomischen Institut in Würzburg* 7: 95-229.

von Kennel, J. (1886). Über einige Landblutegel des tropischen America. *Zoologische Jahrbücher, Abteilung für Systematik, Geographie und Biologie der Tiere* 2: 37-64.

von Kennel, J. (1888). Entwicklungsgeschichte von Peripatus edwardsii Blanch. und Peripatus torquatus n.sp. II. Theil. *Arbeiten aus dem Zoologisch-Zootomischen Institut in Würzburg* 8: 1-93.

von Kennel, J. (1889). Über die frühesten Entwicklungsstadien der südamerikanischen Peripatus-Arten. Dorpat: *Sitzungsberichte der naturforschenden Gesellschaft* 8: 428-439.

Wägele, J.-W. (1993). Rejection of the "Uniramia" hypothesis and implications of the Mandibulata concept. *Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere* 120: 253-288.

Walcott, C.D. (1931). Addenda to descriptions of Burgess shale fossils. *Smithsonian Miscellaneous Collections* 85: 1-46.

Walker, M.H. & Campiglia, S.S. (1998). Seminal receptacula in gravid and virgin female Peripatus (Macroperipatus) acacioi Marcus and Marcus (Onychophora, Peripatidae). *Journal of Morphology* 237: 127-136.

Walker, M. H., Roberts, E. M., Roberts, T., Spitteri, G., Streubig, M. J., Hartland, J. L., & Tait, N. N. (2006). Observations on the structure and function of the seminal receptacles and associated accessory pouches in

ovoviparous onychophorans from Australia (Peripatopsidae; Onychophora). *Journal of Zoology*, 270(3), 531–542. DOI: 10.1111/j.1469-7998.2006.00121.x

Walker, M. H., & Tait, N. N. (2004). Studies of embryonic development and the reproductive cycle in ovoviparous Australian Onychophora (Peripatopsidae). *Journal of Zoology*, 264(4), 333–35

Weldon, C. W., Daniels, S. R., Clusella-Trullas, S., & Chown, S. L. (2013). Metabolic and water loss rates of two cryptic species in the African velvet worm genus *Opisthopatus* (Onychophora). *Journal of Comparative Physiology B*, 183(3), 323–332. DOI: 10.1007/s00360-012-0715-2

Wells, S.M., Pyle, R.M. & Collins, N.M. (1983). Peripatus. Phylum Onychophora. In: The IUCN Invertebrate Red Data Book IUCN, Gland, Switzerland. 515-520.

Wenzel, R.L. (1950). Peripatus - "living fossil" and "missing link". *Tuatara* 3: 98-99.

Wheeler, W.M. (1898). A new Peripatus from Mexico. *Journal of Morphology* 15: 1-8.

Whitington, P. (2007). The evolution of arthropod nervous systems: insights from neural development in the Onychophora and Myriapoda. In G. F. Striedter & J. L. R. Rubenstein (Eds.), *Evolution of Nervous Systems* (pp.317-336). USA: Academic Press.

Whitington, P. M., & Mayer, G. (2011). The origins of the arthropod nervous system: Insights from the Onychophora. *Arthropod Structure and Development*, 40(3), 193–209.

Whitman, C.O. (1891). Spermatophores as a means of hypodermic impregnation. *Journal of Morphology* 4: 361-406.

Wiegmann, A.F.A. (1837). Einige Bemerkungen über Guilding's Peripatus. *Archiv für Naturgeschichte* 3: 195-200.

Wieloch, A. H. (1998). *Peripatus acacioi* Marcus & Marcus, 1955. Livro Vermelho das Espécies Ameaçadas de Extinção da Fauna de Minas Gerais. Machado, ABM, Fonseca, GAB, Machado, RB, Aguiar, LMS & Lins, LV (ed.). Belo Horizonte, Fundação Biodiversitas, 567-569.

Wolf, B. (1936). Klasse Onychophora. In: *Animalium Cavernarum Catalogus*, Volume 3, Part 7-9 W. Junk: s'Gravenhage, Netherlands. 534.

Woo, M. (2015). How the Velvet Worm Pulls Off Its Bizarre Slime Attack. Retrieved from <https://www.wired.com/2015/03/velvet-worm-pulls-off-bizarre-slime-attack/>

Wood-Mason, J. (1879). Morphological notes bearing on the origin of insects. *Transactions of the Entomological Society of London* [1879] 2: 145-167.

Wright, J. C. (2012). Onychophora (Velvet Worms). eLS. DOI: 10.1002/9780470015902.a0001610.pub3

Yang, J., Ortega-Hernández, J., Gerber, S., Butterfield, N. J., Hou, J. B., Lan, T., & Zhang, X. G. (2015). A superarmored lobopodian from the Cambrian of China and early disparity in the evolution of Onychophora. *Proceedings of the National Academy of Sciences of the United States of America*, 112(28), 8678-83. DOI: 10.1073/pnas.1505596112

Zilch, A. (1936). Zur Frage des Flimmerepithels bei Arthropoden. Zeitschrift für wissenschaftliche Zoologie 148: 89-132

Zilch, A. (1955). Begegnung mit Peripatus. Natur und Volk 85: 146-154.