



## **HARVESTMAN BIBLIOGRAPHY**

This list includes papers and book chapters on the following subjects: cytogenetics, defense and gregariousness, diet and foraging, ecology, general biology, natural enemies, morphology, physiology, and reproduction. This information appears in brackets after the citation, and the same paper may contain information on more than one subject. Papers that do not fit in any of these subjects were classified as “miscellaneous”; most of them are works dealing with methods and techniques of study. The list does not include congress abstracts and theses. Taxonomic, biogeographic, and paleontological papers were included only if they contain substantial information on the biology of the species. Although I tried to include as many citations I could find, this list should not be considered a complete compilation of the literature on harvestman biology. It contains references published in the following languages: Bulgarian, Czech, Danish, English, German, Italian, Japanese, Norwegian, Portuguese, Slovenian, and Spanish. If you want to include a reference in the list or if you found any mistake, please send me a message ([glaucos@ib.usp.br](mailto:glaucos@ib.usp.br)).

Last update: November 12, 2007

Number of references: 627

## A

- Åbro, A. 1988. The mode of attachment of mite larvae (*Leptus* spp.) to harvestmen (Opiliones). *Journal of Natural History*, 22:123-130. [NATURAL ENEMIES]
- Åbro, A. 1991. Unsuccessful parasitic associations of mite larvae (*Leptus* spp.) to harvestmen (Opiliones). *Fauna Norvegica, ser. B*, 38:43. [NATURAL ENEMIES]
- Acosta, L.E. 1983. Sobre la fluorescencia del tegumento en Opiliones (Arachnida). *Historia Natural*, 3:193-195. [MISCELLANEOUS]
- Acosta, L.E. & G. Machado. 2007. Diet and foraging, pp. 309-338. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [DIET AND FORAGING, ECOLOGY]
- Acosta, L.E.; F.E. Pereyra & R.A. Pizzi. 1995. Field observation on *Pachyloidellus goliath* (Opiliones, Gonyleptidae) in Pampa de Achala, province of Córdoba. *Bulletin of the British arachnological Society*, 10:23-28. [ECOLOGY]
- Acosta, L.E.; T.I. Poretti & P.E. Mascarelli. 1993. The defensive secretions of *Pachyloidellus goliath* (Opiliones, Laniatores, Gonyleptidae). *Bonner zoologische Beitrage*, 44:19-31. [DEFENSE AND GREGARIOUSNESS]
- Adams, J. 1984. The habitat and feeding ecology of woodland harvestmen (Opiliones) in England. *Oikos*, 42:361-370. [DIET AND FORAGING, ECOLOGY]
- Adams, J. 1985. The definition and interpretation of guild structure in ecological communities. *Journal of Animal Ecology*, 54:43-59. [ECOLOGY]
- Aitchison, C.W. 1979. Low temperature activity of pseudoscorpions and phalangids in southern Manitoba. *The Journal of Arachnology*, 7:85-86. [ECOLOGY]
- Aitchison, C.W. & G.D. Sutherland. 2000. Diversity of forest upland arachnid communities in Manitoba taiga (Araneae, Opiliones). *Canadian Field Naturalist*, 114:636-651. [ECOLOGY]
- Alberti, G. 2005. Double spermatogenesis in Chelicerata. *Journal of Morphology*, 266:281-297. [MORPHOLOGY]
- Alderweireldt, M.; R. Bosmans & L. Vanhercke. 1993. The Araneae and Opiliones of the forest of Houthulst (Western Flanders, Belgium): results of a six-year survey. *Bulletin et Annales de la Société Royale Belge d'Entomologie*, 129:284-291. [ECOLOGY]

- Allard, C.M. & K.V. Yeargan. 2005. Diel activity patterns and microspatial distribution of the harvestman *Phalangium opilio* (Opiliones, Phalangidae) in soybeans. *The Journal of Arachnology*, 33:745-752. [DIET AND FORAGING, ECOLOGY]
- Allard, C.M. & K.V. Yeargan. 2005. Effect of diet on development and reproduction of the harvestman *Phalangium opilio* (Opiliones: Phalangidae). *Environmental Entomology*, 34:6-13. [DEVELOPMENT, DIET AND FORAGING, REPRODUCTION]
- Almeida-Neto, M.; G. Machado; R. Pinto-da-Rocha & A.A. Giaretta. 2006. Harvestman (Arachnida: Opiliones) species distribution along three neotropical elevational gradients: an alternative rescue effect to explain Rapoport's rule? *Journal of Biogeography*, 33:361-375. [ECOLOGY]
- Almquist, S. 1984. Samhällen av spindlar och lockspindlar på Knisa myr, Öland. *Entomologisk Tidsskrift*, 105:143-150. [In Norwegian with English summary] [ECOLOGY]
- Anderson, J.F. 1993. Respiratory energetics of two Florida harvestmen. *Comparative Biochemistry and Physiology*, 105A:67-72. [PHYSIOLOGY]
- André, M. & E. Lamy. 1941. Sur l'alimentation des araignées et des opilions, notamment aux dépens des mollusques. *Bulletin Du Muséum National D' Histoire Naturelle Paris (2e Série)*, 13:435-441. [DIET AND FORAGING]
- Angerilli, N. & R.G. Holmberg. 1986. Harvestmen of the twilight zone. *Canadian Caver*, 17:6-9. [ECOLOGY]
- Anuradha, K. & M.D. Parthasarathy. 1976. Field studies on the ecology of *Gagrellula saddlana* Roewer (Palpatores, Opiliones, Arachnida) and its behaviour in the laboratory conditions. *Bulletin of the Ethological Society of India*, 1:68-71. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, ECOLOGY]
- Anuradha, K. & M.D. Parthasarathy. 1977. Mortality as an index in formulation of artificial diet for opilionids (Arachnida). *Indian Journal of Experimental Biology*, 15:1233-1234. [MISCELLANEOUS]
- Ardao, M.I. & H.A. Freyre. 1956. Effect of gonyleptidine on the metabolism of mammalian erythrocytes. *Archives of Biochemistry and Biophysics*, 63:334-342. [DEFENSE AND GREGARIOUSNESS]
- Armas, L.F. 1987. Depredación de arácnidos por dos vertebrados cubanos. *Miscelanea Zoológica*, 34:1-2. [NATURAL ENEMIES]
- Ashby, J.W. 1974. A study of arthropod predation of *Pieris rapae* L. using serological and exclusion techniques. *Journal of Applied Ecology*, 11:419-425. [DIET AND FORAGING, ECOLOGY]

Avram, Ș. 1973. Contribution à la connaissance du développement embryonnaire et postembryonnaire chez *Nemastoma cf. sillii* Herrman (Opiliones, Nemastomatidae), pp. 269-303. In: *Livre de Cinquantenaire de l'Institut de Spéologie "Émile Racovitza"* (T. Orghidan, ed.). Editura Academiei Republicii Socialiste Romania, Bucuresti. [DEVELOPMENT]

## B

Bachmann, E. & M. Schaefer. 1983a. Notes on the life cycle of *Phalangium opilio* (Arachnida: Opilionida). *Verhandlungen des Naturwissenschaftlichen Vereins in Hamburg*, 26:255-263. [DEVELOPMENT, REPRODUCTION]

Bachmann, E. & M. Schaeffer. 1983b. The opilionid fauna of a beech wood and dry grassland on limestone (Arachnida: Opilionida). *Verhandlungen des Naturwissenschaftlichen Vereins in Hamburg*, 26:141-149. [ECOLOGY]

Balbani, M. 1872. Mémoire sur le développement des Phalangides. *Annales des Sciences Naturelles*, 16:1-28. [DEVELOPMENT]

Bano, K. 1983. Behavior of *Gagrellula* sp. (Palpatores, Opiliones, Arachnida) during total solar eclipse. *Science and Culture*, 49:359-362. [DEFENSE AND GREGARIOUSNESS]

Batten, R.W.; L.J. Edwards & T.M. Peters. 1970. Carbon dioxide sensitivity among harvestmen of genus *Leiobunum*. *Canadian Journal of Zoology*, 48: 888. [PHYSIOLOGY]

Becker, A. & W. Peters. 1985a. Fine structure of the midgut gland of *Phalangium opilio* (Chelicerata, Phalangida). *Zoomorphology*, 105:317-325. [MORPHOLOGY]

Becker, A. & W. Peters. 1985b. The ultrastructure of the midgut and the formation of peritrophic membranes in a harvestman, *Phalangium opilio* (Chelicerata, Phalangida). *Zoomorphology*, 105:326-332. [MORPHOLOGY]

Beier, M. 1948. Phoresie und Phagophilie bei Pseudoscorpionen. *Osterreichische Zoologische Zeitschrift*, 1:441-497. [NATURAL ENEMIES]

Bel'skaya, E.A. & S.L. Esyunin. 2003. Arachnids (Arachnidae) in a spring wheat agrocenosis in southern Sverdlovsk Oblast and the effect of treatment with DECIS, a pyrethroid insecticide, on their populations. *Russian Journal of Ecology*, 34:359-362. [ECOLOGY]

Berland, L. 1949. Ordre des Opilions, pp. 761-793. In: *Traité de Zoologie*, vol. 6 (P.-P. Grassé, ed.). Masson et Cie., Paris. [GENERAL BIOLOGY]

- Bishop, S.C. 1949a. The function of the spur on the femur of the palpus of male, *Leiobunum calcar* (Wood) (Arachnida: Phalangida). *Entomological News*, 60:10-11. [MORPHOLOGY, REPRODUCTION]
- Bishop, S.C. 1949b. The Phalangida (Opiliones) of New York. *Proceedings of the Rochester Academy of Sciences*, 9:159-235. [GENERAL BIOLOGY]
- Bishop, S.C. 1950. The life of a harvestman. *Nature Magazine*, 43:264-267,276. [GENERAL BIOLOGY]
- Blanc, H. 1880. Anatomie et physiologie de l'appareil sexuel male des phalangides. *Bulletin de la Société Vaudoise des Sciences Naturelles*, 17:49-78. [MORPHOLOGY, PHYSIOLOGY]
- Blick, T. & P. Bliss. 1993. Spinnentiere und Laufkäfer am Waldrand (Arachnida: Araneae, Opiliones, Pseudoscorpiones; Insecta: Coleoptera: Carabidae). *Bulletin de la Société Neuchâteloise des Sciences Naturelles*, 116: 25-34. [ECOLOGY]
- Bliss, P. & A. Arnold. 1983. Zur Vertikalverbreitung von *Mitopus morio* (Fabricius, 1799) im Riba-Gebirge (Arachnida, Opiliones). *Entomologische Nachrichten Berichte*, 27:276. [ECOLOGY]
- Bliss, P. & F. Tietze. 1984. Die Struktur der epedaphischen Weberknechtefauna (Arachnida, Opiliones) in unterschiedlich immissionsbelasteten Kiefernforsten der Dübener Heide. *Pedobiologia*, 26: 25-36. [ECOLOGY]
- Bliss, P. 1982. Die Weberknechte (Arachnida, Opiliones) der Naturschutzgebiete Großer und Kleiner Hakel und angrenzender Waldgebiete. *Hercynia, N.F.*, 19:85-96. [ECOLOGY]
- Bliss, P. 1990. *Leiobunum limbatum* (Arachnida, Opiliones) in der DDR: Verbreitungsmuster, Synanthropie und Arealexansion, pp. 34-35. In: *Comptes Rendus de la XIIe Colloque Européen d'Arachnologie* (M.-L. Célérier; J. Heurtault & C. Rollard, eds.). Paris, France. [ECOLOGY]
- Bliss, P.; S. Heimer & F. Tietze. 1981. Zur Arthropodenfauna eines Flurgehölzes bei Halle/Saale (Arachnida: Opiliones, Araneae; Coleoptera: Carabidae). *Hercynia, N.F.*, 18:434-440. [ECOLOGY]
- Blum, M.S. & A.L. Edgar. 1971. 4-methyl-3-heptanone: identification and role in opilionid exocrine secretions. *Insect Biochemistry*, 1:181-188. [DEFENSE AND GREGARIOUSNESS]
- Borek, V. 1958. K fenologii nasich sekácu (Opilionidea). *Acta Societatis Entomologicae Cechosloveniae*, 55:297-298. [ECOLOGY]
- Borgh, O. van der. 1966. Peritrophic membranes in Arachnida (Arthropoda). *Nature*, 210:751-752. [PHYSIOLOGY]

- Bragagnolo, C. & R. Pinto-da-Rocha. 2003. Diversidade de opiliões do Parque Nacional da Serra dos Órgãos, Rio de Janeiro, Brasil (Arachnida: Opiliones). *Biota Neotropica*, 3:1-20. [ECOLOGY]
- Bragg, P.D. & R.G. Holmberg. 1974. *Platybunus triangularis* and *Paroligolophus agrestis*: two phalangids introduced to North America (Arachnida, Opiliones). *The Journal of Arachnology*, 2:127. [ECOLOGY]
- Breidbach, O. & R. Wegerhoff. 1993. Neuroanatomy of the central nervous system of the harvestman, *Rilaena triangularis* (Herbst, 1799) (Arachnida, Opiliones) — principal organization, gaba-like and serotonin-immunohistochemistry. *Zoologischer Anzeiger*, 230:55-81. [MORPHOLOGY, PHYSIOLOGY]
- Breidbach, O.; H. Dirksen & R. Wegerhoff. 1995. Common general morphological pattern of peptidergic neurons in the arachnid brain — crustacean cardioactive peptide-immunoreactive neurons in the protocerebrum of seven arachnid species. *Cell and Tissue Research*, 279:183-197. [MORPHOLOGY, PHYSIOLOGY]
- Brescovit, A.D.; R. Bertani; R. Pinto-da-Rocha & C.A. Rheims. 2004. Aracnídeos da Estação Ecológica Juréia-Itains: inventário preliminar e história natural, pp. 198-221. In: *Estação Ecológica Juréia-Itains: Ambiente Físico, Flora e Fauna* (O.V. Marques & W. Duleba, eds.). Editora Holos, Ribeirão Preto. [GENERAL BIOLOGY, ECOLOGY]
- Briggs, T.S. 1969. Cave adaptations in phalangids of the genus *Taracus* (Opiliones: Ischyropsalidae). *Pan-Pacific Entomologist*, 45:73. [ECOLOGY, MORPHOLOGY]
- Bristowe, W.S. 1925. Notes on the habits of insects and spiders in Brazil. *Transactions of the Royal Entomological Society of London*, 1924:475-504. [DEFENSE AND GREGARIOUSNESS]
- Bristowe, W.S. 1949. The distribution of harvestmen (Phalangida) in Great Britain and Ireland, with notes on their names, enemies and food. *Journal of Animal Ecology*, 18:100-114. [DIET AND FORAGING, NATURAL ENEMIES]
- Brown, D. 1984. Observations on the distribution and life cycle of *Dicranopalpus ramosus* (Simon, 1909): Opiliones. *Newsletter of the British arachnological Society*, 40:7-8. [ECOLOGY, REPRODUCTION]
- Buckton, S.T. & S.J. Ormerod. 1997. Effects of liming on the Coleoptera, Hemiptera, Araneae and Opiliones of catchment wetlands in Wales. *Biological Conservation*, 79:43-57. [ECOLOGY]
- Burns, J.A.; R.K. Hunter & V.R. Townsend. 2007. Tree use by harvestmen (Arachnida: Opiliones) in the rainforests of Trinidad, W.I. *Caribbean Journal of Science*, 43:138-142. [ECOLOGY]

- Buse, A.; D. Hadley D. & T. Sparks. 2001. Arthropod distribution on an alpine elevational gradient: the relationship with preferred temperature and cold tolerance. *European Journal of Entomology*, 98:301-309. [ECOLOGY]
- Buzatto, B.A.; G.R. Santos; E.G. Martins & G. Machado. 2007. Effects of maternal care on the lifetime reproductive success of females in a neotropical harvestman. *Journal of Animal Ecology*, 76:937-945. [REPRODUCTION]

## C

- Canals, J. 1936. Observaciones biológicas en arácnidos del orden Opiliones. *Revista Chilena de Historia Natural*, 40:61-63. [DIET AND FORAGING, REPRODUCTION]
- Canard, A. & R. Stockman. 1993. Comparative postembryonic development of arachnids. *Memoirs of the Queensland Museum*, 33:461-468. [DEVELOPMENT]
- Cannata, L. 1988. Observations sur les opilions de la tourbière du Cachot. *Bulletin de la Société Neuchâteloise des Sciences Naturelles*, 111:67-70. [ECOLOGY]
- Capocasale, R. & L. Bruno-Trezza. 1964. Biología de *Acanthopachylus aculeatus* (Kirby, 1819) (Opiliones: Pachylinae). *Revista de la Sociedad Uruguaya de Entomología*, 6:19-32. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, ECOLOGY, PHYSIOLOGY, REPRODUCTION]
- Capocasale, R.M. & E. Gudynas. 1993. La fauna de Opiliones (Arachnida) del criptozoos de Sierra de las Animas (Uruguay). *Aracnología*, 19/20:1-15. [ECOLOGY]
- Chemini, C. 1980. Phalangids by pitfall trapping from Fagona, Province of Bolzano, northern Italy. *Studi Trentini di Scienze Naturali*, 56:61-69. [ECOLOGY]
- Chemini, C. 1981. The opilionid community of a hornbeam wood near Pergine, Trento, Italian Alps. *Studi Trentini di Scienze Naturali*, 57:67-73. [ECOLOGY]
- Chemini, C. 1984. Andromorphy in a female *Nemastoma dentigerum* Canestrini (Opiliones) from northern Italy. *Newsletter of the British arachnological Society*, 40:56. [MORPHOLOGY]
- Chemini, C. 1995. Arachnida: Scorpiones, Palpigradi, Solifugae, Opiliones, pp. 1-8. In: *Checklist delle Specie della Fauna Italiana*, vol. 21 (A. Minelli; S. Ruffo & S. La Posta, eds.). Calderini, Bologna. [ECOLOGY, GENERAL BIOLOGY]

- Cherix, D. & J.D. Bourne. 1980. A field study on a super-colony of the red wood ant *Formica lugubris* Zett. in relation to other predatory arthropods (spiders, harvestmen and ants). *Revue Suisse de Zoologie*, 87:955-973. [ECOLOGY, NATURAL ENEMIES]
- Churchfield, S.; J. Hollier & V.K. Brown. 1991. The effects of small mammal predators on grassland invertebrates, investigated by field enclosure experiment. *Oikos*, 60:283-290. [ECOLOGY, NATURAL ENEMIES]
- Čírdei, F. 1958. K izucheniyu senokostsev (Opiliones) iz severo-zapadnoy chastuy RNR i verhnego rechnego basseyna Pruta. *Analele stiintifice ale Universitatii "Al. I. Cuza"*, 4:355-386. [In Czech] [NATURAL ENEMIES]
- Clark, M.S. & S.H. Gage. 1997. The effects of free-range domestic birds on the abundance of epigeic predators and earthworms. *Applied Soil Ecology*, 5:255-260. [ECOLOGY, NATURAL ENEMIES]
- Clawson, R.C. & D.R. Furlong. 1986. Hemidesmosome-like structures in tegmental cells of daddy longlegs (Arachnida, Opiliones, *Leiobunum*). *Anatomical Record*, 214:22-23. [MORPHOLOGY]
- Clawson, R.L. 1988. Morphology of defense glands of the opilionids (daddy longlegs) *Leiobunum vittatum* and *Leiobunum flavum* (Arachnida: Opiliones: Palpatores: Phalangiidae). *Journal of Morphology*, 196:363-381. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Clingenpeel, L.W. & A.L. Edgar. 1966. Certain ecological aspects of *Phalangium opilio* (Arthropoda: Opiliones). *Papers of the Michigan Academy of Science, Arts, and Letters*, 51:119-126. [PHYSIOLOGY]
- Cloudsley-Thompson, J.L. 1948. Notes on Arachnida. 4. Courtship behaviour of the harvester *Mitopus morio*. *Annual Magazine of Natural History*, 11:809-810. [REPRODUCTION]
- Cloudsley-Thompson, J.L. 1956. Notes on Arachnida, 25. An unusual case of phoresy by false-scorpions. *Entomologist's Monthly Magazine*, 92:71. [NATURAL ENEMIES]
- Cloudsley-Thompson, J.L. 1958. *Spiders, Scorpions, Centipedes and Mites*. Pergamon Press, London. [GENERAL BIOLOGY]
- Cloudsley-Thompson, J.L. 1978. Biological clocks in Arachnida. *Bulletin of the British arachnological Society*, 4:184-191. [PHYSIOLOGY]
- Cloudsley-Thompson, J.L. 1985. An aggregation of Opiliones (Arachnida) in southern Portugal. *Entomologist's Monthly Magazine*, 123:238. [DEFENSE AND GREGARIOUSNESS]
- Cockerill, J.J. 1988. Notes on aggregations of *Leiobunum* (Opiliones) in the southern USA. *The Journal of Arachnology*, 16:123-126. [DEFENSE AND GREGARIOUSNESS]



- Coddington, J.A.; M. Horner & E.A. Soderstrom, 1990. Mass aggregations in tropical harvestmen (Opiliones, Gagrellidae: *Prionostemma* sp.). *Revue Arachnologique*, 8:213-219. [DEFENSE AND GREGARIOUSNESS]
- Cokendolpher, J.C. 1987. Observation on the defensive behavior of a neotropical Gonyleptidae (Arachnida, Opiliones). *Revue Arachnologique*, 7:59-63. [DEFENSE AND GREGARIOUSNESS]
- Cokendolpher, J.C. 1993. Pathogens and parasites of Opiliones (Arthropoda: Arachnida). *The Journal of Arachnology*, 21:120-146. [NATURAL ENEMIES]
- Cokendolpher, J.C. 2007. Method and techniques of study: Preservation of parasites and pathogens, pp. 516-520. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [NATURAL ENEMIES]
- Cokendolpher, J.C. & J.D. Brown. 1985. Air-dry method for studying chromosomes of insects and arachnids. *Entomological News*, 96:114-118. [CYTOGENETICS]
- Cokendolpher, J.C. & L.D. Lanfranco. 1985. Opiliones from the Cape Horn Archipelago: new southern records for harvestmen. *The Journal of Arachnology*, 13:311-320. [ECOLOGY]
- Cokendolpher, J.C. & P.G. Mitov. 2007. Natural enemies, pp. 339-373. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [NATURAL ENEMIES]
- Cokendolpher, J.C. & S.R. Jones. 1991. Karyotype and notes on the male reproductive system and natural history of the harvestman *Vonones sayi* (Simon) (Opiliones, Cosmetidae). *Proceedings of the Entomological Society of Washington*, 93:86-91. [CYTOGENETICS, REPRODUCTION]
- Cokendolpher, J.C. & W.D. Sissom. 1988. New gynandromorphic Opiliones and Scorpiones. *Bulletin of the British arachnological Society*, 7:278-280. [MORPHOLOGY]
- Cokendolpher, J.C. & W.D. Sissom. 2000. Further contributions to the study of *Dalquestia* (Opiliones: Sclerosomatidae). *Entomological News*, 111:243-249. [ECOLOGY]
- Cokendolpher, J.C.; W.P. MacKay & M.H. Muma. 1993. Seasonal populations phenology and habitat preferences of montane harvestmen (Arachnida: Opiliones) from southwestern New Mexico. *Southwestern Naturalist*, 38:236-240. [ECOLOGY]
- Corey, D.T. & I.J. Stout. 1990. Ground surface active arachnids in sandhill communities of Florida. *The Journal of Arachnology*, 18:167-172. [ECOLOGY]

- Crawford, R.L. & J.S. Edwards. 1989. Alpine spiders and harvestmen of Mount Rainier, Washington, USA: taxonomy and bionomics. *Canadian Journal of Zoology*, 67:430-446. [ECOLOGY]
- Curry, S.J.; W.F. Humphreys; L.E. Koch & B.Y. Main. 1985. Changes in arachnid communities resulting from forestry practices in karri forest, south west Western Australia. *Australian Forest Research*, 15:469-480. [ECOLOGY]
- Curtis, D.J. 1969. The fine structure of photoreceptors in *Mitopus morio* (Phalangida). *Journal of Cell Science*, 4:327-351. [MORPHOLOGY]
- Curtis, D.J. 1970. Comparative aspects of fine structure of eyes of Phalangida (Arachnida) and certain correlations with habitat. *Journal of Zoology*, 160:231-265. [MORPHOLOGY]
- Curtis, D.J. 1973. Spiders and phalangids of Inchcailloch, Loch Lomond. I. General considerations. *Western Naturalist*, 2:29-39. [ECOLOGY]
- Curtis, D.J. 1975. Spiders and phalangids of Inchcailloch, Loch Lomond. II. Seasonal activity of harvestmen. *Western Naturalist*, 4:114-119. [ECOLOGY]
- Curtis, D.J. 1978a. Spiders and phalangids of Inchcailloch, Loch Lomond. III. Comparison with the mainland. *Western Naturalist*, 7:27-45. [ECOLOGY]
- Curtis, D.J. 1978b. Community parameters of the ground layer araneid--opilionid taxocene of a Scottish Island. *Symposium of the Zoological Society of London*, 42:149-159. [ECOLOGY]
- Curtis, D.J. 2007. Method and techniques of study: Ecological sampling, pp. 489-494. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [ECOLOGY]
- Curtis, D.J. & E. Bignal. 1980. Variations in peat bog spider communities related to environmental heterogeneity, pp. 81-86. In: *Proceedings of the 8th International Congress of Arachnology* (J. Gruber, ed.). Verlag H. Egermann, Vienna. [ECOLOGY]
- Curtis, D.J.; E.J. Curtis & D.B.A. Thompson. 1990. On the effect of trampling on montane spiders and other arthropods, pp. 103-109. In: *Comptes Rendus de la XIIIe Colloque Européen d'Arachnologie* (M.-L. Célérier; J. Heurtault & C. Rollard, eds.). Paris, France. [ECOLOGY]
- Curtis, D.J. & G. Machado. 2007. Ecology, pp. 280-308. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [ECOLOGY]
- Curtis, D.J. & E. Morton. 1974. Notes on spiders from tree trunks of different bark texture; with indices of diversity and overlap. *Bulletin of the British arachnological Society*, 3:1-5. [ECOLOGY]

Cutler, B. 2001. Corrugated cardboard trapping for litter inhabiting spiders and other arthropods. *Entomological News*, 112:212-216. [ECOLOGY]

## D

Dahl, F. 1903. Eine eigenartige Metamorphose der Trogliden, eine Verwandlung von *Amopaum* in *Dicranolasma* und von *Metopoctea* in *Trogulus*. *Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin*, 1903:278-292. [DEVELOPMENT]

Dannhorn, D.R. & K.A. Seitz. 1986. Ultrastructure and function of the circulatory organs of *Leiobunum limbatum* and two other species of harvestmen (Arachnida: Opiliones). *Journal of Morphology*, 190:93-107. [MORPHOLOGY, PHYSIOLOGY]

Dannhorn, D.R. & K.A. Seitz. 1987. Hemocytes of *Leiobunum limbatum* and two other species of harvestmen (Arachnida, Opiliones): morphological classification and functional aspects. *Journal of Morphology*, 193:185-196. [MORPHOLOGY, PHYSIOLOGY]

Davis, N.B.K. & P.E. Jones. 1978. The ground arthropods of some chalk and limestone quarries in England. *Journal of Biogeography*, 5:159-171. [ECOLOGY]

de Graaf, H.W. de 1882a. *Over den Bouw der Geslachtsorganen bij des Phalangiden*. E.J. Brill, Leiden. [MORPHOLOGY]

de Graaf, H.W. de 1882b. *Sur la Construction des Organes Genitaux des Phalangiens*. E.J. Brill, Leiden. [MORPHOLOGY]

Decler, K. & R. Segers. 1990. The soil surface active Araneae, Opiliones, Carabidae and Staphylinidae of a wet meadow vegetation subject to dereliction and succession. *Biologisch Jaarboek*, 57:103-119. [ECOLOGY]

Dennis, P.; M.R. Young & C. Bentley. 2001. The effects of varied grazing management on epigeal spiders, harvestmen and pseudoscorpions of *Nardus stricta* grassland in upland Scotland. *Agriculture, Ecosystems and Environment*, 86:39-57. [ECOLOGY]

Dennis, P.; M.R. Young & I.J. Gordon. 1998. Distribution and abundance of small insects and arachnids in relation to structural heterogeneity of grazed, indigenous grasslands. *Ecological Entomology*, 23:253-264. [ECOLOGY]

Dimmock, G. 1882. Defensive mimicry in Phalangidae. *Psyche*, 3:299. [DEFENSE AND GREGARIOUSNESS]

- Dixon, P.L. & R.G. Mckinlay. 1989. Aphid predation by harvestmen in potato fields in Scotland. *The Journal of Arachnology*, 17:253-255. [DIET AND FORAGING, ECOLOGY]
- Docherty, M. & S.R. Leather. 1997. Structure and abundance of arachnid communities in Scots and lodgepole pine plantations. *Forest Ecology and Management*, 95:197-207. [ECOLOGY]
- Donaldson, Z.R. & G.F. Grether. 2007. Tradition without social learning: scent-mark-based communal roost formation in a neotropical harvestman (*Prionostemma* sp.). *Behavioral Ecology and Sociobiology*, 61:801-809. [DEFENSE AND GREGARIOUSNESS]
- Dresco-Derouet, L. 1967. Biologie et métabolisme respiratoire d'*Ischyropsalis luteipes* Simon (Opiliones) adulte, au laboratoire. *Annales de Spéléologie*, 22:537-541. [PHYSIOLOGY]
- Dresco-Derouet, L. 1969. Étude a'araignes et d'opilions cavernicoles dans leur Milieu. I. Intensité respiratoire, premiers resultants. *Annales de Spéléologie*, 24:529-532. [PHYSIOLOGY]
- Drets, M.E.; G.A. Folle & A. Aznarez. 1982. Clastogenic action of a dimethyl p-benzoquinone of animal origin. *Mutation Research*, 102:159-172. [DEFENSE AND GREGARIOUSNESS]
- Drummond, F.; Y. Suhaya & E. Groden. 1990. Predation on the Colorado potato beetle (Coleoptera: Chrysomelidae) by *Phalangium opilio* (Opiliones: Phalangidae). *Journal of Economic Entomology*, 83:772-778. [DIET AND FORAGING, ECOLOGY]
- Duffield, R.M.; O. Olubajo; J.W. Wheeler & W.A. Shear. 1981. Alkylphenols in the defensive secretion of the nearctic opilionid, *Stygnumma spinifera* (Arachnida: Opiliones). *Journal of Chemical Ecology*, 7:445-452. [DEFENSE AND GREGARIOUSNESS]
- Dugés, A. 1884. *Opilio ischionotatus*--segador de ancas manchadas de blanco. *La Naturaleza*, 7:194-197. [DEFENSE AND GREGARIOUSNESS, ECOLOGY]
- Dumitrescu, D. 1974a. Contribution à l'étude de l'appareil digestif (intestin moyen) des opilions (Arachnida). *Travaux du Museum d'Histoire Naturelle "Grigore Antipa"*, 14:95-107. [MORPHOLOGY]
- Dumitrescu, D. 1974b. Contribution à l'étude de l'appareil digestif (intestin moyen) des Troglulidae (Arachnida, Opilionida). *Travaux du Museum d'Histoire Naturelle "Grigore Antipa"*, 15:57-67. [MORPHOLOGY]
- Dumitrescu, D. 1975a. Les glandes salivaires gnathocoxales des opilions (Arachnida). *Travaux du Museum d'Histoire Naturelle "Grigore Antipa"*, 16:121-128. [MORPHOLOGY]
- Dumitrescu, D. 1975b. Contribution à l'étude de l'appareil digestif (intestin moyen) des opilions, pp. 150-154. In: *Proceedings of the 6th International Arachnological Congress (1974)*. Amsterdam, Netherlands. [MORPHOLOGY]

- Dumitrescu, D. 1975c. Observations concernant l'appareil digestif (intestin moyen) des opilions appartenant aux familles des Sironidae, des Caddidae et des Neopilionidae (Arachnida). *Travaux du Museum d'Histoire Naturelle "Grigore Antipa"*, 16:115-120. [MORPHOLOGY]
- Dumitrescu, D. 1976. Recherches morphologiques sur l'appareil digestif (intestin moyen) des Gonyleptomorphi (Arachnida, Opiliones). *Travaux du Museum d'Histoire Naturelle "Grigore Antipa"*, 17:17-30. [MORPHOLOGY]
- Dumitrescu, D. 1980. Recherches sur la morphologie de l'appareil digestif (intestin moyen) des Opilions (Arachnida). *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"*, 21:43-50. [MORPHOLOGY]
- Dunger, W.; M. Wanner; H. Hauser; K. Hohberg; H.-J. Schulz; T. Schwalbe; B. Seifert; J. Vogel; K. Voigtländer; B. Zimdars & K.P. Zulka. 2001. Development of soil fauna at mine sites during 46 years after afforestation. *Pedobiologia*, 45:243-271. [ECOLOGY]
- Dunlop, J.A.; L.I. Anderson; H. Kerp & H. Hass. 2003. Preserved organs of Devonian harvestmen. *Nature*, 425: 916-916. [MORPHOLOGY]

## E

- Edgar, A.L. 1961. Mating and oviposition in the phalangid *Leiobunum longipes* (Arachnoidea, Opiliones). *American Zoologist* 1:352-352. [REPRODUCTION]
- Edgar, A.L. 1963. Proprioception in the legs of phalangids. *Biological Bulletin*, 124:262-267. [MORPHOLOGY, PHYSIOLOGY]
- Edgar, A.L. 1971. Studies on the biology and ecology of Michigan Phalangida (Opiliones). *Miscellaneous Publications Museum of Zoology, University of Michigan*, 144:1-64. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, ECOLOGY, NATURAL ENEMIES, PHYSIOLOGY, REPRODUCTION]
- Edgar, A.L. 1980. Physiological and ecological aspects of the cosmopolitan opilionid, *Phalangium opilio*, pp. 170-181. In: *Soil biology as related to land use practices, Proceedings of the VII International Colloquium of Soil Zoology*. Office of Pesticide and Toxic Substances, EPA, Washington, DC. [ECOLOGY, PHYSIOLOGY]
- Edgar, A.L. 1990. Opiliones (Phalangida), pp. 529-581. In: *Soil Biology Guide* (D.L. Dindal, ed.). John Wiley & Sons, Inc. [GENERAL BIOLOGY]

- Edgar, A.L. & H.A. Yuan. 1968. Daily locomotor activity in *Phalangium opilio* and seven species of *Leiobunum* (Arthropoda: Phalangida). *Bios*, 39:167-176. [ECOLOGY]
- Eisenbeis, G. & W. Wichard. 1987. Order: Opiliones--Harvestmen (Arachnida), pp. 56-75. In: *Atlas on the Biology of Soil Arthropods* (G. Eisenbeis & W. Wichard, eds.). Springer-Verlag, Berlin. [GENERAL BIOLOGY]
- Eisner, T.; D. Alsop & J. Meinwald. 1978. Secretions of opilionids, whip scorpions and pseudoscorpions, pp. 87-99. In: *Handbook of Experimental Pharmacology (Arthropod Venoms)*, vol. 48 (S. Bettini, ed.). Springer-Verlag, Berlin. [DEFENSE AND GREGARIOUSNESS]
- Eisner, T.; M. Eisner & M. Siegler. 2005. Class Arachnida, Order Opiliones, Family Cosmetidae, *Vonones sayi*, a harvestman, pp. 7-10. In: *Secret weapons--Defenses of insects, spiders, scorpions, and other many legged creatures* (T. Eisner; M. Eisner & M. Siegler, eds.). Harvard University Press, Massachusetts. [DEFENSE AND GREGARIOUSNESS]
- Eisner, T.; T.H. Jones; K. Hicks; R.E. Silberglied & J. Meinwald. 1977. Quinones and phenols in the defensive secretions of neotropical opilionids. *Journal of Chemical Ecology*, 3:321-329. [DEFENSE AND GREGARIOUSNESS]
- Eisner, T.; F. Kluge; J.E. Carrel & J. Meinwald. 1971. Defense of phalangid: liquid repellent administered by leg dabbing. *Science*, 173:650-652. [DEFENSE AND GREGARIOUSNESS]
- Eisner, T.; C. Rossini; A. González & M. Eisner. 2004. Chemical defense of an opilionid (*Acanthopachylus aculeatus*). *Journal of Experimental Biology*, 207:1313-1321. [DEFENSE AND GREGARIOUSNESS]
- Ekpa, O.; J.W. Wheeler; J.C. Cokendolpher & R.M. Duffield. 1984. N,N-dimethyl- $\beta$ -phenylethylamine and bornyl esters from the harvestman *Sclerobunus robustus* (Arachnida: Opiliones). *Tetrahedron Letters*, 25:1315-1318. [DEFENSE AND GREGARIOUSNESS]
- Ekpa, O.; J.W. Wheeler; J.C. Cokendolpher & R.M. Duffield. 1985. Ketones and alcohols in the defensive secretion of *Leiobunum townsendi* Weed and a review of the known exocrine secretions of Palpatores (Arachnida: Opiliones). *Comparative Biochemistry and Physiology*, 81B:555-557. [DEFENSE AND GREGARIOUSNESS]
- Elpino-Campos, A.; W. Pereira; K. Del-Claro & G. Machado. 2001. Behavioural repertory and notes on natural history of the neotropical harvestman *Discocyrtus oliverioi* (Opiliones: Gonyleptidae). *Bulletin of the British arachnological Society*, 12:144-150. [DEFENSE AND GREGARIOUSNESS, ECOLOGY]
- Enders, D. & U. Baus. 1983. Asymmetric-synthesis of both enantiomers of (e)-4,6-dimethyl-6-octen-3-one - defensive substance of daddy longlegs *Leiobunum vittatum* and *L. calcar* (Opiliones). *Liebigs Annalen der Chemie*, 8:1439-1445. [DEFENSE AND GREGARIOUSNESS]

- Epstein, D.L.; R.S. Zack & J.F. Brunner. 2000. Effects of broad-spectrum insecticides on epigeal arthropod biodiversity in pacific northwest apple orchards. *Environmental Entomology*, 29:340-348. [ECOLOGY]
- Estable, C.; M.I. Ardao; N.P. Brasil & L.F. Fieser. 1955. Gonyleptidine. *Journal of the American Chemical Society*, 77:4942. [DEFENSE AND GREGARIOUSNESS]

## F

- Fain, A. & F. D'Amico. 1997. Observations on larval mites (Acari) parasitic on Opiliones from the French Pyrenees. *International Journal of Acarology*, 23:39-48. [NATURAL ENEMIES]
- Fieser, L.F. & M.I. Ardao. 1956. Investigation of the chemical nature of Gonyleptidine. *Journal of Chemical Ecology*, 78:774-781. [DEFENSE AND GREGARIOUSNESS]
- Forster, R.R. 1954. The New Zealand harvestmen (sub-order Laniatores). *Canterbury Museum bulletin*, 2:1-329. [GENERAL BIOLOGY]
- Forster, R.R. & L. Forster. 2003. *Spiders of New Zealand and their Worldwide Kin*. University of Otago Press: Dunedin, and Otago Museum: Dunedin, New Zealand. [GENERAL BIOLOGY]
- Fowler, D.J. & J. Gaines. 1984. The interrelationships between serotonin production and locomotion in different light regimes in southwestern Michigan opilionids, *Leiobunum longipes*. *Chronobiologia*, 11:1-9. [PHYSIOLOGY]
- Fowler, D.J. & C.J. Goodnight. 1966. The cyclic production of 5-hydroxytryptamine in the opilionid. *American Zoologist*, 6:187-193. [PHYSIOLOGY]
- Fowler, D.J. & C.J. Goodnight. 1966. Neurosecretory cells: daily rhythmicity in *Leiobunum longipes*. *Science*, 152:1078-1080. [PHYSIOLOGY]
- Fowler, D.J. & C.J. Goodnight. 1974. Physiological populations of the arachnid, *Leiobunum longipes* (Opiliones: Phalangidae). *Systematic Zoology*, 23:219-225. [PHYSIOLOGY]
- Freudenthaler, P. 1994a. Epigäische Spinnen und Weberknechte an zwei Standorten im Bereich der "Linzer Pforte", Oberösterreich (Arachnida: Aranei, Opiliones). *Naturkundliche Jahrbücher Stadt Linz*, 37/39:379-392. [ECOLOGY]
- Freudenthaler, P. 1994b. Bodenbewohnende Spinnen und Weberknechte aus der Pleschinger Sandgrube bei Linz: Oberösterreich (Arachnida: Aranei, Opiliones). *Naturkundliche Jahrbücher Stadt Linz*, 37/39:393-427. [ECOLOGY]

- Freudenthaler, P. 1999. Epigäische Spinnen und Weberknechte zweier Blockschutt-Habitate im Ranna-Tal, Oberösterreich (Arachnida: Aranea, Opiliones). *Beiträge Naturkunde Oberösterreichs*, 7:143-152. [ECOLOGY]
- Freyre, H.A.; M. Rovira & M.I. Ardao. 1958. Toxicidad de metil-1,4 benzoquinonas y metil-1,4 benzohidroquinonas. *Archivos de la Sociedad Biológica de Montevideo*, 24:82-88. [DEFENSE AND GREGARIOUSNESS]
- Friebe, B. & J. Adis. 1983. Entwicklungzyklen von Opiliones (Arachnida) im Schwarzwasser-Überschwemmungswald (Igapó) des Rio Tarumã Mirim (Zentralamazonien, Brasilien). *Amazoniana*, 8:101-110. [ECOLOGY, REPRODUCTION]

## G

- Gaubert, M. 1892. Sur un ganglion nerveux des pattes du *Phalangium opilio*. *Comptes rendus des séances de l'académie des Sciences*, 115:960. [MORPHOLOGY]
- Gnaspini, P. 1995. Reproduction and postembryonic development of *Goniosoma spelaeum*, a cavernicolous harvestman from southeastern Brazil (Arachnida: Opiliones: Gonyleptidae). *Invertebrate Reproduction and Development*, 28:137-151. [DEVELOPMENT, REPRODUCTION]
- Gnaspini, P. 1996. Population ecology of *Goniosoma spelaeum*, a cavernicolous harvestman from southeastern Brazil (Arachnida: Opiliones: Gonyleptidae). *Journal of Zoology*, 239:417-435. [DIET AND FORAGING, ECOLOGY, NATURAL ENEMIES]
- Gnaspini, P. 1999. The use of morphometric characteristics for the recognition of species among Goniosomatinae harvestmen (Arachnida, Opiliones, Gonyleptidae). *The Journal of Arachnology*, 27:129-134. [MORPHOLOGY]
- Gnaspini, P. 2007. Development, pp. 455-472. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [DEVELOPMENT]
- Gnaspini, P. & A.J. Cavalheiro. 1998. Chemical and behavioral defenses of a neotropical cavernicolous harvestman *Goniosoma spelaeum*. *The Journal of Arachnology*, 26:81-90. [DEFENSE AND GREGARIOUSNESS]



- Gnaspini, P. & M.R. Hara. 2007. Defense mechanisms, pp. 374-399. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [DEFENSE AND GREGARIOUSNESS]
- Gnaspini, P.; F.H. Santos & S. Hoenen. 2003. The occurrence of different phase angles between contrasting seasons in the activity patterns of the cave harvestman *Goniosoma spelaeum* (Arachnida, Opiliones). *Biological Rhythm Research*, 34:31-49. [ECOLOGY, PHYSIOLOGY]
- Gnaspini, P.; M.B. da Silva & F.C. Pioker. 2004. The occurrence of two adult instars among Grassatores (Arachnida: Opiliones)--a new type of life cycle in arachnids. *Invertebrate Reproduction and Development*, 45:29-39. [DEVELOPMENT]
- González, A.; C. Rossini & T. Eisner. 2004. Mimicry: imitative depiction of discharged defensive secretion on carapace of an opilionid. *Chemoecology*, 14:5-7. [DEFENSE AND GREGARIOUSNESS]
- Goodnight, C.J. 1958. Two representatives of a tropical suborder of opilionids (Arachnida) found in Indiana. *Indiana Academy of Science*, 67:322-323. [GENERAL BIOLOGY]
- Goodnight, C.J. & M.L. Goodnight. 1960. Speciation among cave opilionids of the United States. *The American Midland Naturalist*, 64:34-38. [ECOLOGY, MORPHOLOGY]
- Goodnight, C.J. & M.L. Goodnight. 1976. Observations on the systematics, development and habits of *Erginulus clavotibialis* (Opiliones: Cosmetidae). *Transactions of the American Microscopical Society*, 95:654-664. [DEVELOPMENT, ECOLOGY, REPRODUCTION]
- Gorlov, I.P. & N. Tsurusaki. 2000a. Analysis of the phenotypic effects of B chromosomes in a natural population of *Metagagrella tenuipes* (Arachnida: Opiliones). *Heredity*, 84:209-217. [CYTOGENETICS]
- Gorlov, I.P. & N. Tsurusaki. 2000b. Staggered clines in a hybrid zone between two chromosome races of the harvestman *Gagrellopsis nodulifera* (Arachnida: Opiliones). *Evolution*, 54:176-190. [CYTOGENETICS]
- Gorlov, I.P. & N. Tsurusaki. 2000c. Morphology and meiotic/mitotic behavior of B chromosomes in a Japanese harvestman, *Metagagrella tenuipes* (Arachnida: Opiliones): no evidence for B accumulation mechanisms. *Zoological Science*, 17:349-355. [CYTOGENETICS]
- Gossner, M.; K. Engel & U. Ammer. 2006. Effects of selection felling and gap felling on forest arthropod communities: a case study in a spruce-beech stand of southern Bavaria. *European Journal of Forest Research*, 125:345-360. [ECOLOGY]

- Govindar, S. 1973. Comparative study of free amino-acids in hemolymph of three arachnids *Phrynicus phipsoni* (Palpigradi), *Trombidium gigas* (Acari) and *Phalangium opilio* (Opiliones). *Comparative Biochemistry and Physiology*, 45:125-133. [PHYSIOLOGY]
- Grainge, C.A. & R.G. Pearson. 1966. Cuticular structure in the Phalangida. *Nature*, 211:866. [MORPHOLOGY]
- Grether, G.F. & Donaldson, Z.R. 2007. Communal roost site selection in a neotropical harvestman: habitat limitation vs. tradition. *Ethology*, 113:290-300. [DEFENSE AND GREGARIOUSNESS]
- Gruber, J. 1969. Über Stridulationsorgane bei einem Ischyropsalididen: *Ceratolasma tricantha* Goodnight & Goodnight (Opiliones, Arachnida). *Anzeiger der Mathematisch-Naturwissenschaftlichen Klasse der Österreichischen Akademie der Wissenschaften* (1968), 11:1-7. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Gruber, J. 1975. Bemerkungen zur Morphologie und systematischen Stellung von *Caddo*, *Acropsopilio* und verwandter Formen (Opiliones, Arachnida). *Annalen des Naturhistorischen Museums Wien*, 78:237-259. [MORPHOLOGY]
- Gruber, J. 1993. Beobachtungen zur Ökologie und Biologie von *Dicranolasma scabrum* (Herbst) (Arachnida: Opiliones). Teil I. *Annalen des Naturhistorischen Museums in Wien*, 94/95B:393-426. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, ECOLOGY, NATURAL ENEMIES, PHYSIOLOGY]
- Gruber, J. 1996. Beobachtungen zur Ökologie und Biologie von *Dicranolasma scabrum* (Herbst, 1799) Teil II: Fortpflanzung, Entwicklung und Wachstum. *Annalen des Naturhistorischen Museums in Wien*, 98B:71-110. [DEVELOPMENT, ECOLOGY, REPRODUCTION]
- Gruber, J. & J. Martens 1968. Morphologie, Systematik und Ökologie der Gattung *Nemastoma* C.L. Koch (s.str.) (Opiliones, Nemastomatidae). *Senckenbergiana biologica*, 49:137-172. [ECOLOGY, MORPHOLOGY]
- Gueotal, J. 1943. Du développement postembryonnaire de *Phalangium opilio* L. *Bulletin de la Société Zoologique de France*, 68:98-100. [DEVELOPMENT]
- Gueotal, J. 1944a. De l'éclosion chez un opilion: *Phalangium opilio* L. *Bulletin de la Société Zoologique de France*, 49:24-26. [DEVELOPMENT]
- Gueotal, J. 1944b. La ponte chez un opilion: *Phalangium opilio* Linné. *Revue Française d'Entomologie*, 11:6-9. [REPRODUCTION]
- Guffey, C. 1999. Leg autotomy and its potential fitness costs for two species of harvestmen (Arachnida: Opiliones). *The Journal of Arachnology*, 26:296-302. [DEFENSE AND GREGARIOUSNESS]

- Guffey, C. 1999. Costs associated with leg autotomy in the harvestmen *Leiobunum nigripes* and *Leiobunum vittatum* (Arachnida: Opiliones). *Canadian Journal of Zoology*, 77:824-830. [DEFENSE AND GREGARIOUSNESS]
- Guffey, C.; V.R. Townsend Jr. & B.E. Felgenhauer. 2000. External morphology and ultrastructure of the prehensile region of the legs of *Leiobunum nigripes* (Arachnida, Opiliones). *The Journal of Arachnology*, 28:231-236. [MORPHOLOGY]
- Gunnarsson, B. & M. Hake. 1999. Bird predation affects canopy-living arthropods in city parks. *Canadian Journal of Zoology*, 77:1419-1428. [ECOLOGY, NATURAL ENEMIES]

## H

- Halaj, J. & A.B. Cady. 2000. Diet composition and significance of earthworms as food of harvestmen (Arachnida: Opiliones). *American Midland Naturalist*, 143:487-491. [DIET AND FORAGING, ECOLOGY]
- Halaj, J.; A.B. Cady & G.W. Uetz. 2000. Modular habitat refugia enhance generalist predators and lower plant damage in soybeans. *Environmental Entomology*, 29:383-393. [ECOLOGY]
- Hansen, H.J. 1893. Organs and characters in different orders of arachnids. *Entomologiske Meddelelser*, 4:137-251. [MORPHOLOGY]
- Hansen, H.J. & W. Sørensen. 1904. *On Two Orders of Arachnida: Opiliones, Especially the Suborder Cyphophthalmi, and Ricinulei, Namely the Family Cryptostemmatoidae*. Cambridge University Press, Cambridge. [MORPHOLOGY]
- Hanström, B. 1923. Further notes on the central nervous system of arachnids: scorpions, phalangids, and trap-door spiders. *Journal of Comparative Neurology*, 35:249-272. [MORPHOLOGY]
- Hara, M.R. & P. Gnaspini. 2003. Comparative study of the defensive behavior and morphology of the gland opening area among harvestmen (Arachnida, Opiliones, Gonyleptidae) under a phylogenetic perspective. *Arthropod Structure and Development*, 32:257-275. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Hara, M.R.; A.J. Cavalheiro; P. Gnaspini & D.Y.C. Santos. 2005. A comparative analysis of the chemical nature of defensive secretions of Gonyleptidae (Arachnida: Opiliones: Laniatores). *Biochemical Systematics and Ecology*, 33:1210-1225. [DEFENSE AND GREGARIOUSNESS]

- Hara, M.R.; P. Gnaspini & G. Machado. 2003. Male guarding behavior in the neotropical harvestman *Ampheres leucopheus* (Mello-Leitão, 1922) (Opiliones, Laniatores, Gonyleptidae). *The Journal of Arachnology*, 31:441-444. [REPRODUCTION]
- Hartmann, T.; H. Häggström; C. Theuring; R. Lindigkeit & M. Rahier. 2003. Detoxification of pyrrolizidine alkaloids by the harvestman *Mitopus morio* (Phalangidae) a predator of alkaloid defended leaf beetles. *Chemoecology*, 13:123-127. [DIET AND FORAGING, PHYSIOLOGY]
- Harvey, M.S. 2002. The neglected cousins: what do we know about the smaller arachnid orders? *The Journal of Arachnology*, 30:357-372. [MISCELLANEOUS]
- Heath, E.F. 1914. A phalangid drinks milk. *The Canadian Entomologist*, 46:120. [DIET AND FORAGING]
- Hebling-Beraldo, M.J.A. & E.G. Mendes. 1980. The respiratory metabolism of *Discocyrtus pectinifemur* Mello-Leitão, 1937 (Opiliones, Gonyleptidae). The influence of size, sex and temperature. *Boletim de Fisiologia Animal*, 4:123-132. [PHYSIOLOGY]
- Hebling-Beraldo, M.J.A. & E.G. Mendes. 1982. Tolerance to vapour pressure deficits and thermal preferences in *Discocyrtus pectinifemur* Mello-Leitão, 1937 (Opiliones, Gonyleptidae). *Boletim de Fisiologia Animal*, 6:57-71. [PHYSIOLOGY]
- Hebling-Beraldo, M.J.A. & C.H.S. Penteado. 1981. Respiratory rate of *Discocyrtus pectinifemur* Mello-Leitão, 1937 (Opiliones: Gonyleptidae) under different oxygen-tensions. *Brazilian Journal of Medical and Biological Research*, 14:452-452. [PHYSIOLOGY]
- Henking, H. 1886. Untersuchungen über die Entwicklung der Phalangiden. Part I. *Zeitschrift für wissenschaftliche Zoologie*, 45:86-175. [DEVELOPMENT]
- Henking, H. 1888. Biologische Beobachtungen an Phalangiden. *Zoologische Jahrbücher, Abteilung für Systematik*, 3:319-335. [GENERAL BIOLOGY]
- Henschel, J.; D. Mahsberg & H. Stumpf. 1996. Mass-length relationships of spiders and harvestmen (Araneae and Opiliones). *Revue Suisse de Zoologie*, vol. hors série:265-268. [ECOLOGY, MORPHOLOGY]
- Herlant-Meewis, H. & J. Naisse. 1957. Phénomènes neurosécrétoires et glandes endocrines chez les opilions. *Comptes rendus des séances de l'académie des Sciences, ser. D, Sciences Naturelles*, 245:858-860. [MORPHOLOGY, PHYSIOLOGY]
- Heuts, B.A. & D.Y.M. Lambrechts. 1999. Positional biases in leg loss of spiders and harvestmen (Arachnida). *Entomologische Berichten*, 59:13-20. [DEFENSE AND GREGARIOUSNESS]

- Hicks, B.J.; F. McKenzie; D. Cosens & A.D. Watt. 2003. Harvestmen abundance and diversity within lodgepole and Scots pine plantations of Scotland and their impact on pine beauty moth populations. *Forest Ecology and Management*, 182:355-361. [ECOLOGY]
- Hillyard, P.D. 1981. *Coleosoma floridanum* Banks (Araneae: Theridiidae) and *Boeorix manducus* Thorell (Opiliones: Assamiidae): two tropical arachnids in botanical gardens. *Newsletter of the British Arachnological Society*, 31:3-4.
- Hillyard, P.D. & J.H.P. Sankey. 1989. Harvestmen: keys and notes for the identification of the species, pp. 1-119. In: *Synopses of the British Fauna*, No. 4 (D.M. Kermack & R.S.K. Barnes, eds.). E.J. Brill, Leiden. [GENERAL BIOLOGY]
- Hippa, H.; S. Koponen & R. Mannila. 1984. Invertebrates of Scandinavian caves I. Araneae, Opiliones and Pseudoscorpionida (Arachnida). *Annales Entomologici Fennici*, 50:23-29. [ECOLOGY]
- Hoenen, S. & P. Gnaspini. 1999. Activity rhythms and behavioral characterization of two epigeal and one cavernicolous harvestmen (Arachnida, Opiliones, Gonyleptidae). *The Journal of Arachnology*, 27:159-164. [ECOLOGY, PHYSIOLOGY]
- Höfer, A.M.; S.F. Perry & A. Schmitz. 2000. Respiratory system of arachnids II: morphology of the tracheal system of *Leiobunum rotundum* and *Nemastoma lugubre* (Arachnida, Opiliones). *Arthropod Structure and Development*, 29:13-21. [MORPHOLOGY]
- Hoheisel, U. 1980. Anatomie und taxonomische Bedeutung der Legeröhre der Opiliones, pp. 315-318. In: *Proceedings of the 8th International Congress of Arachnology* (J. Gruber, ed.). Verlag H. Egermann, Vienna. [MORPHOLOGY]
- Holm, Å. 1947. On the development of *Opilio parietinus* Deg. *Zoologiska Bidrag från Uppsala*, 25:409-422. [DEVELOPMENT, REPRODUCTION]
- Holmberg, R.G. 1986. The scent glands of Opiliones: a review of their function, pp. 131-133. In: *Proceedings of the 9th International Arachnological Congress* (W.G. Eberhard; Y.D. Lubin & B.C. Robinson, ed.). Smithsonian Institution Press, Washington, DC. [DEFENSE AND GREGARIOUSNESS]
- Holmberg, R.G.; N. Angerilli & L. Lacase. 1984. Overwintering aggregations of *Leiobunum paessleri* in caves and mines (Arachnida, Opiliones). *The Journal of Arachnology*, 12:195-204. [DEFENSE AND GREGARIOUSNESS]
- Holmberg, R.G. & J.C. Cokendolpher. 1997. Re-description of *Togwoteeus biceps* (Arachnida, Opiliones, Sclerosomatidae) with notes on its morphology, karyology and phenology. *The Journal of Arachnology*, 25:229-244. [CYTOGENETICS, ECOLOGY, MORPHOLOGY]

- Holmberg, R.G. & E.G. Kokko. 1983. A blind *Homolophus biceps* (Arachnida, Opiliones). *Entomological News*, 94:49-52. [MORPHOLOGY]
- Hunt, G.S. 1991. Harvestmen (Opiliones) in arid and semi-arid Australia. *Australasian Arachnology*, 41:3-5. [ECOLOGY]
- Hunt, G.S. 2000. On their backs to bite 'em. *Australasian Arachnology*, 60:3-4. [NATURAL ENEMIES]
- Hunter, R.K.; D.N. Proud; J.A. Burns; J.A. Tibbetts & V.R. Townsend, Jr. 2007. Parental care in the neotropical harvestman *Phareicranaus calcariferus* (Opiliones, Cranidae). *The Journal of Arachnology*, 35:199-201. [REPRODUCTION]
- Hvam, A. & S. Toft. 2005. Effects of prey quality on the life history of a harvestman. *The Journal of Arachnology*, 33:582-590. [DEVELOPMENT, DIET AND FORAGING, ECOLOGY, PHYSIOLOGY]

## I

- Immel, V. 1953. Zur Physiologie des chemischen Sinnes von *Nemastoma quadripunctatum* (Opiliones, Dyspnoi). *Naturwissenschaften*, 40:609-610. [PHYSIOLOGY]
- Immel, V. 1954. Zur Biologie und Physiologie von *Nemastoma quadripunctatum* (Opiliones, Dyspnoi). *Zoologische Jahrbücher, Abteilung für Systematik*, 83:129-184. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, NATURAL ENEMIES, PHYSIOLOGY, REPRODUCTION]
- Immel, V. 1955. Einige Bemerkungen zur Biologie von *Platybunus bucephalus* (Opiliones, Eupnoi). *Zoologische Jahrbücher, Abteilung für Systematik*, 83:475-484. [REPRODUCTION]

## J

- Jabin, M.; D. Mohr; H. Kappes & W. Topp. 2004. Influence of deadwood on density of soil macro-arthropods in a managed oak-beech forest. *Forest Ecology and Management*, 194:61-69. [ECOLOGY]

- Janczyk, F.S.W. 1956. Anatomie von *Siro duricorius* Joseph im Vergleich mit anderen Opilioniden. *Sitzungsberichte Osterreichischen Akademie der Wissenschaften Mathematisch-naturwissenschaftliche Klasse*, 165:474-522. [MORPHOLOGY]
- Jennings, A.L. 1983. Biogeographical variation in the harvestman *Mitopus morio* (Opiliones, Arachnida). *Journal of Zoology*, 200:367-380. [ECOLOGY, MORPHOLOGY]
- Jennings, D.T.; M.W. Houseweart & J.C. Cokendolpher. 1984. Phalangids (Arachnida: Opiliones) associated with strip clear-cut and dense spruce-fir forests of Maine. *Environmental Entomology*, 13:1306-1311. [ECOLOGY]
- Johnson, J.K. & W.C. Gordon. 1990. Screening pigment granule formation in *Eumesosoma roeweri* (Arachnida, Opiliones). *Journal of Morphology*, 203:211-217. [MORPHOLOGY]
- Jones, S.R. & J.C. Cokendolpher. 1985. Spermatogenesis in the harvestman *Vonones sayi* (Simon) (Opiliones: Laniatores: Cosmetidae). *Bulletin of the British arachnological Society*, 6:403-413. [MORPHOLOGY]
- Jones, T.H.; W.E. Conner; A.F. Kluge; T. Eisner & J. Meinwald. 1976. Defensive substances of opilionids. *Experientia*, 32:1234-1235. [DEFENSE AND GREGARIOUSNESS]
- Jones, T.H.; J. Meinwald; K. Hicks & T. Eisner. 1977. Characterization and synthesis of volatile compounds from the defensive secretions of some "daddy longlegs" (Arachnida: Opiliones: *Leiobunum* spp.). *Proceedings of the National Academy of Sciences USA*, 74:419-422. [DEFENSE AND GREGARIOUSNESS]
- Juberthie, C. 1956. Nombres chromosomiques chez les Sironidae, Trogulidae, Ischyropsalidae, Phalangiidae (Opiliones). *Comptes rendus des séances de l'Académie des Sciences*, 242:2860-2862. [CYTOGENETICS]
- Juberthie, C. 1957a. Développement de deux opilions Phalangiidae, *Odiellus gallicus* E. Simon, et *Homalenotus quadridentatus* Cuvier. *Comptes rendus des séances de l'Académie des Sciences*, 244:2747-2750. [DEVELOPMENT]
- Juberthie, C. 1957b. Presence d'organes de stridulation chez deux Nemastomatidae (Opilions). *Bulletin du Muséum national d'histoire Naturelle*, 29:210-212. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Juberthie, C. 1960a. Sur la biologie d'un opilion endogé, *Siro rubens* Latr. (Cyphophthalmes). *Comptes rendus des séances de L'Académie des Sciences*, 251:1674-1676. [DEVELOPMENT, MORPHOLOGY]
- Juberthie, C. 1960b. Action de différentes températures constantes sur le développement des oeufs de l'opilion *Odiellus gallicus* E. S. *Comptes rendus des séances de L'Académie des Sciences*, 250:2079-2081. [DEVELOPMENT]

- Juberthie, C. 1961a. Données sur la biologie des *Ischyropsalis* C.L.K. (Opilions, Palpatores, Ischyropsalidae). *Annales de Spéléologie*, 16:381-395. [DEVELOPMENT, ECOLOGY, REPRODUCTION]
- Juberthie, C. 1961b. Structures des glandes odorantes et modalités d'utilisation de leur sécrétion chez deux opilions cyphophthalmes. *Bulletin de Société Zoologique de France*, 86:106-116. [DEFENSE AND GREGARIOUSNESS]
- Juberthie, C. 1961c. Structure et fonction des glandes odorantes chez quelques opilions (Arachnida). *Zoologischer Anzeiger*, 25:533-537. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Juberthie, C. 1964. Recherches sur la biologie des opilions. *Annales de Spéléologie*, 19:1-244. [DEVELOPMENT, ECOLOGY, MORPHOLOGY, REPRODUCTION]
- Juberthie, C. 1965. Données sur l'écologie, le développement et la reproduction des opilions. *Revue d'Ecologie et de Biologie du Sol*, 2:377-396. [DEVELOPMENT, ECOLOGY, REPRODUCTION]
- Juberthie, C. 1967. *Siro rubens* (Opilion, Cyphophthalme). *Revue d'Écologie et de Biologie du Sol*, 4:155-171. [MORPHOLOGY]
- Juberthie, C. 1968. Organes de stridulation chez un opilion cavernicole, *Abasola sarea* (Travuniidae). *Annales de Spéléologie*, 23:479-482. [MORPHOLOGY]
- Juberthie, C. 1972. Reproduction et développement d'un opilion Cosmetidae, *Cynorta cubana* (Banks), de Cuba. *Annales de Spéléologie*, 27:773-785. [DEVELOPMENT, REPRODUCTION]
- Juberthie, C. 1974. Ponte, durée du développement embryonnaire et biogéographie de l'opilion troglobie, *Ischyropsalis strandi* Kratochvil. *Annales de Spéléologie*, 29:47-51. [DEVELOPMENT, REPRODUCTION]
- Juberthie, C. 1976. Chemical defence in soil opiliones. *Revue d'Ecologie et de Biologie du Sol*, 13:155-160. [DEFENSE AND GREGARIOUSNESS]
- Juberthie, C. 1983. Neurosecretory systems and neurohemal organs of terrestrial Chelicerata (Arachnida), pp. 149-203. In: *Neurohemal Organs of Arthropods* (A.P. Gupta, ed.). Charles C. Thomas Publisher, Springfield, Illinois. [MORPHOLOGY, PHYSIOLOGY]
- Juberthie, C. & J.F. Manier 1977. Étude ultrastructurale de l'opilion troglophile *Ischyropsalis luteipes* Simon (Ischyropsalidae). *Annales de Spéléologie*, 31:193-210. [MORPHOLOGY]
- Juberthie, C. & J.F. Manier 1977. Étude ultrastructurale de la spermiogenèse de deux opilions Laniatores: *Cynorta cubana* Banks (Cosmetidae) et *Strisilvea cavicola* Roewer (Phalangodidae). *Revue Arachnologique*, 1:103-115. [MORPHOLOGY]



- Juberthie, C. & J.F. Manier 1977. Étude ultrastructurale de la spermiogenèse de deux opilions Dyspnoi Nemastomatidae: *Mitostoma pyrenaicum* (Simon) et *Nemastoma bimaculatum* (Fabricius). *Bulletin de Société Zoologique de France*, 102:145-151. [MORPHOLOGY]
- Juberthie, C. & J.F. Manier 1977. Étude ultrastructurale de la spermiogenèse de *Trogulus nepaeformis* (Scopoli) Opilion, Palpatores. *Annales des Sciences Naturelles, Zoologie*, 19 :247-260. [MORPHOLOGY]
- Juberthie, C. & J.F. Manier. 1978. Étude ultrastructurale comparée de la spermiogènese des opilions et son intérêt phylétique. *Symposium of the Zoological Society of London*, 42:407-416. [MORPHOLOGY]
- Juberthie, C.; J.F. Manier & L. Boissin. 1976. Étude ultrastructurale de la double spermiogènese chez l'opilion cyphophthalme *Siro rubens* Latreille. *Journal de Microscopie et de Biologie Cellulaire*, 25:137-148. [MORPHOLOGY]
- Juberthie, C. & A. Muñoz-Cuevas. 1971. Sur la ponte de *Pachylus quinamavidensis* (Opilion, Gonyleptidae). *Bulletin de la Société d'histoire naturelle de Toulouse*, 107:468-474. [REPRODUCTION]
- Juberthie, C. & A. Muñoz-Cuevas. 1973. Le problème de la regresión de l'appareil visuel chez les opilions. *Annales de Spéléologie*, 28:147-157. [MORPHOLOGY]
- Juberthie, C. & L. Juberthie-Jupeau. 1974. Ultrastructure of neurohemal organs (paraganglionic plates) of *Trogulus nepaeformis* (Scopoli) (Opiliones, Trogulidae) and release of neurosecretory material. *Cell and Tissue Research*, 150:67-78. [MORPHOLOGY]
- Juberthie, C.; A. Lopez & L. Juberthie-Jupeau. 1981a. Étude ultrastructurale des sensilles thoraciques dorsales et paramédianes chez *Sabacon paradoxum* Simon (Palpatores, Sabaconidae). *Atti della Società Toscana di Scienze Naturali, Memorie, ser. B*, 88(suppl.):27-33. [MORPHOLOGY]
- Juberthie, C.; A. Lopez & L. Juberthie-Jupeau. 1981b. Sur l'équipement adéno-sensorial du pédipalpe de l'opilion troglophile *Sabacon paradoxum* Simon (Palpatores, Sabaconidae), pp. 810-813. *Proceedings of the 8th International Congress of Speleology*. Bowling Green, Kentucky. [MORPHOLOGY]
- Juberthie, C.; A. Lopez & L. Juberthie-Jupeau. 1991. Les glandes odorantes des Ischyropsalidae souterrains (Opilions): ultrastructure et role. *Mémoires de Biospéologie*, 18:39-46. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Judd, W.W. 1969. Harvestmen and spiders and their prey on milkweed *Asclepias syriaca* L. at London, Ontario. *Canadian Journal of Zoology*, 47:159. [DIET AND FORAGING, ECOLOGY]

- Juen, A. & M. Traugott. 2004. Spatial distribution of epigaeic predators in a small field in relation to season and surrounding crops. *Agriculture Ecosystems & Environment*, 103:613-620. [ECOLOGY]
- Juen, A.; K.H. Steinberger & M. Traugott. 2003. Seasonal change in species composition and size distribution of epigeic predators in a small field. *Entomologia Generalis*, 26:259-275. [ECOLOGY]

## K

- Karaman, I.M. 2005. Evidence of spermatophores in Cyphophthalmi (Arachnida, Opiliones). *Revue suisse de Zoologie*, 112:3-11. [MORPHOLOGY, REPRODUCTION]
- Kästner, A. 1925. Studien zur Ernährung der Arachniden. I. Die Nahrungsaufnahme einiger Phalangiden. *Zoologischer Anzeiger*, 62:212-214. [GENERAL BIOLOGY]
- Kästner, A. 1926. Opiliones. Weberknechte, pp. 1-55. In: *Biologie der Tiere Deutschlands*, Lieferung 18, Teil 19 (P. Schulze, ed.). Verlag von Gebrüder Borntraeger, Berlin. [GENERAL BIOLOGY]
- Kästner, A. 1928. Opiliones (Weberknechte, Kanker), pp. 1-51. In: *Die Tierwelt Deutschlands und der angrenzenden Meeresteile nach ihren Merkmalen und nach ihrer Lebensweise*, Teil 8 (F. Dahl, ed.). Gustav Fischer, Jena. [GENERAL BIOLOGY]
- Kästner, A. 1931a. Biologische Beobachtungen an Phalangiden. *Zoologischer Anzeiger*, 95:293-302. [GENERAL BIOLOGY]
- Kästner, A. 1931b. Die Hüfte und ihre Umformung zu Mundwerkzeugen bei den Arachniden. Versuch einer Organgeschichte. *Zeitschrift für Morphologie und Ökologie der Tiere*, 22:721-758. [MORPHOLOGY]
- Kästner, A. 1933. Verdauungs- und Atmungsorgane der Weberknechte *Opilio parietinus* De Greer und *Phalangium opilio* L. *Zeitschrift für Morphologie und Ökologie der Tiere*, 27:587-623. [MORPHOLOGY]
- Kästner, A. 1934. Die stammesgeschichtliche Entwicklung der Darmblindsäcke bei den Opiliones. *Zoologischer Anzeiger*, 106:257-272. [MORPHOLOGY]
- Kästner, A. 1935a. Die Funktion der sogenannten sympathischen Ganglien und die Exkretion bei den Phalangiiden. *Zoologischer Anzeiger*, 109:273-288. [MORPHOLOGY, PHYSIOLOGY]

- Kästner, A. 1935b. Opiliones Sundevall. Weberknechte, pp. 300-393. In: *Handbuch der Zoologie. Eine Naturgeschichte der Stamme des Tierreiches III*, 2 Hälfte, 1 Teil (W. Kukenthal, ed.). Walter de Gruyter & Co., Berlin. [GENERAL BIOLOGY]
- Kästner, A. 1941. Opiliones. Nachträge und Berichtigungen, pp. 187-194. In: *Handbuch der Zoologie. Eine Naturgeschichte der Stamme des Tierreiches, III*, 2 Hälfte, 3 Teil (T. Krumbach, ed.). Walter de Gruyter & Co., Berlin. [GENERAL BIOLOGY]
- Kästner, A. 1968. Order Opiliones, Harvestmen, pp. 229-247. In: *Invertebrate Zoology*, vol. 2. Wiley, New York. [GENERAL BIOLOGY]
- Katayama, R.W. & R.L. Post. 1974. The Phalangida of North Dakota. *North Dakota Insects*, 9:1-40. [GENERAL BIOLOGY]
- Kauri, H. 1961. Opiliones, pp. 9-197. In: *South African Animal Life. Results of the Lund University Expedition in 1950-1951*, vol. 8 (B. Hanström, P. Brinck & G. Rudebeck, eds.). Almqvist & Wiksell, Uppsala. [GENERAL BIOLOGY]
- Kauri, H. 1989. External ultrastructure of sensory organs in the subfamily Irumuinae (Arachnida, Opiliones, Assamiidae). *Zoologica Scripta*, 18:289-294. [MORPHOLOGY]
- Kessel, R.G. & H.W. Beams. 1980. Cytodifferentiation and vitellogenesis during oogenesis in Arachnida: cytological studies on developing oocytes of a harvestman. *Journal of Morphology*, 163:175-190. [MORPHOLOGY]
- Klee, G.E. & J.W. Butcher. 1968. Laboratory rearing of *Phalangium opilio* (Arachnida: Opiliones). *The Michigan Entomologist*, 1:275-278. [MISCELLANEOUS]
- Klimes, L. 1990. Impact of floodings on the life cycle in *Rilaena triangularis* (Herbst) (Opiliones). *Acta Musei Bohemiae meridionalis in České Budějovice, Scientiae naturales*, 30:37-45. [In Czech with English summary] [ECOLOGY]
- Kolosváry, G. von. 1929. *Die Weberknechte Ungarns*. Studium-Verlag, Budapest. [MORPHOLOGY]
- Kolosváry, G. von. 1934. Neue Weberknecht-Studien. I. Beiträge zur Teratologie der *Phalangium opilio* L. *Acta Biologica*, 3:1-5. [MORPHOLOGY]
- Komposch, C. 1993. Neue synanthrope Arachniden für Kärnten und die Steiermark. *Carinthia II*, 183/103:803-814. [ECOLOGY]
- Komposch, C. 1996. Arachnological investigations on primary succession of an artificial island in southern Austria (Arachnida: Opiliones, Araneae). *Proceedings of the 13th International Congress of Arachnology, Revue Suisse de Zoologie*, vol. hors serie:327-334. [ECOLOGY]

- Komposch, C. 1997a. The arachnid fauna of different stages of succession in the Schütt rockslip area, Dobratsch, southern Austria (Arachnida: Scorpiones, Opiliones, Araneae), pp. 139-149. In: *Proceedings of the 16th European Colloquium of Arachnology* (M.M. Zabka, ed.). Siedlce, Poland. [ECOLOGY]
- Komposch, C. 1997b. Die Weberknechtfauna (Opiliones) des Nationalparks Hohe Tauern Faunistisch-okologische Untersuchungen von der Montan- bis zur Nivalstufe unter besonderer Berücksichtigung des Gossnitztales. *Wissenschaftliche Mitteilungen aus dem Nationalpark Höhe Tauern*, 3:73-96. [ECOLOGY]
- Komposch, C. 2000. Harvestmen and spiders in the Austrian wetland "Hörfeld-Moor" (Arachnida: Opiliones, Araneae). *Ekológia (Bratislava)*, 19(suppl. 4):65-77. ECOLOGY
- Komposch, C. & J. Gruber. 1999. Vertical distribution of harvestmen in the Eastern Alps (Arachnida: Opiliones). *Bulletin of the British arachnological Society*, 11:131-135. [ECOLOGY]
- Koponen, S. 1994. Ground-living spiders, opilionids and pseudoscorpions of peatlands in Québec. *Memoirs of the Entomological Society of Canada*, 169:41-60. [ECOLOGY]
- Koponen, S.; V. Rinne & T. Clayhills. 1997. Arthropods on oak branches in SW Finland, collected by a new trap type. *Entomologica Fennica*, 8:177-183. [ECOLOGY]
- Kovoor, J. 1978. Natural calcification of the prosomatic endosternite in the Phalangiidae (Arachnida: Opiliones). *Calcified Tissue Research*, 26:267-269. [MORPHOLOGY]
- Kromp, B. & K.H. Steinberger. 1992. Grassy field margins and arthropod diversity: a case-study on ground beetles and spiders in eastern Austria (Coleoptera, Carabidae, Arachnida, Aranei, Opiliones). *Agriculture Ecosystems & Environment*, 40:71-93. [ECOLOGY]

## L

- Laakso, J. 1999. Short-term effects of wood ants (*Formica aquilonia* Yarr.) on soil animal community structure. *Soil Biology & Biochemistry*, 31:337-343. [ECOLOGY, NATURAL ENEMIES]
- Latreille, P.A. 1802a. Mémoire pur servir de suite à l'histoire naturelle des insectes connus sous le nom de Faucheurs, pp. 354-384. In: *Histoire Naturelle des Fourmis, et Recueil de Mémoires et d'Observations sur les Abeilles, les Araignées, les Faucheurs, et Autres Insectes*. Crapelet, Paris. [GENERAL BIOLOGY]

- Lawrence, R.F. 1937a. A stridulating organ in harvest-spiders. *Annals and Magazine of Natural History*, 20:364-369. [DEFENSE AND GREGARIOUSNESS, MORPHOLOGY]
- Lawrence, R.F. 1937b. The external sexual characteristics of South African harvest-spiders. *Transactions of the Royal Society of South Africa*, 24:331-337. [MORPHOLOGY]
- Lawrence, R.F. 1938. The odoriferous glands of some South African harvest-spiders. *Transactions of the Royal Society of South Africa*, 25:333-342. [DEFENSE AND GREGARIOUSNESS]
- Legg, G. & Pabs-Garnon, E.B. 1989. The life history of a tropical forest cyphophthalmid from Sierra Leone (Arachnida: Opiliones), pp. 222-230. In: *XI Europäisches Arachnologisches Colloquium* (J. Haupt, ed.). Technische Universität Berlin, Berlin, Germany. [ECOLOGY]
- Lighton, J.R.B. 2002. Lack of discontinuous gas exchange in a tracheate arthropod, *Leiobunum townsendi* (Arachnida, Opiliones). *Physiological Entomology*, 27:170-174. [PHYSIOLOGY]
- Lipovšek, S.; I. Letofsky-Papst; F. Hofer & M.A. Pabst. 2002. Seasonal and age-related changes of the structure and chemical composition of the spherites in the midgut gland of the harvestmen *Gyas annulatus* (Opiliones). *Micron*, 33:647-654. [MORPHOLOGY, PHYSIOLOGY]
- Lipovšek, S.; T. Novak; F. Janžekovič; L. Senčič & M.A. Pabst. 2004. A contribution to the functional morphology of the midgut gland in phalangiid harvestmen *Gyas annulatus* and *Gyas titanus* during their life cycle. *Tissue and Cell*, 36:275-282. [MORPHOLOGY, PHYSIOLOGY]
- Lipovšek, S.; T. Novak; L. Senčič & L. Slana. 1996. A contribution to the biology and ecology of *Gyas annulatus* (Olivier, 1791) and *G. titanus* Simin, 1879, Phalangidae, Opiliones. *Znanstvena Revija*, 8:129-136. [In Slovenian with English summary] [DIET AND FORAGING, ECOLOGY, PHYSIOLOGY]
- Lipovšek, S.; I. Papst; T. Novak & M.A. Pabst. 2000. Spherites in the midgut of *Gyas annulatus* shows seasonal changes. *EUREM*, 12:B415. [MORPHOLOGY, PHYSIOLOGY]
- Littlewood, P.M.H. & F.M. Littlewood. 1989. Cannibalism in *Mitopus morio* (F.) (Arachnida, Opiliones) observed in the field. *Entomologist's Monthly Magazine*, 125:256. [DIET AND FORAGING, NATURAL ENEMIES]
- Loch, R. 1999. Weberknechte (Arachnida, Opiliones) einer Waldbrandfläche im Odenwald. *Arachnologische Mitteilungen*, 17:20-32. [ECOLOGY]
- Loman, J.C.C. 1896. On the secondary spiracles on the leg of Opilionidae. *Zoologischer Anzeiger*, 19:221-222. [MORPHOLOGY]

- Loman, J.C.C. 1903. Vergleichende anatomische Untersuchungen an chilenischen und andern Opilioniden. *Zoologische Jahrbucher*, 6:117-200. [MORPHOLOGY]
- Lopez, A.; M. Emerit & M. Rambla. 1980. Contribution a l'étude de *Sabacon paradoxum* Simon 1879 (Opiliones, Palpatores, Ischyropsalididae). Stations nouvelles, particularites électromicroscopiques du prosoma et de ses appendices, pp. 147-161. In: *Comptes Rendus de la Ve Colloque d'Arachnologie d'Expression Française*. Barcelona, Spain. [MORPHOLOGY]
- Löser, S. 1980. Zur tageszeitlichen Aktivitätsverteilung von Arthropoda der Bodenstreu (Coleoptera, Diplopoda, Isopoda, Opiliones, Aranae) eines Buchen-Eichen-Waldes (Fago-Quercetum). *Entomologia Generalis*, 6:169-180. [ECOLOGY]

## M

- Machado, G. 2002. Maternal care, defensive behavior, and sociality in neotropical *Goniosoma* harvestmen (Arachnida, Opiliones). *Insectes Sociaux*, 49:1-6. [DEFENSE AND GREGARIOUSNESS, REPRODUCTION]
- Machado, G. 2007. Maternal or paternal egg guarding? Revisiting parental care in triaenonychid harvestmen (Opiliones). *The Journal of Arachnology*, 35:202-204. [REPRODUCTION]
- Machado, G.; V. Bonato & P.S. Oliveira. 2002. Alarm communication: a new function for the scent gland secretion in harvestmen (Arachnida: Opiliones). *Naturwissenschaften*, 89:357-360. [DEFENSE AND GREGARIOUSNESS]
- Machado, G.; P.C. Carrera; A.M. Pomini & A.J. Marsaioli. 2005. Chemical defense in harvestmen (Arachnida: Opiliones): do benzoquinone secretions deter invertebrate and vertebrate predators? *Journal of Chemical Ecology*, 31:2519-2539. [DEFENSE AND GREGARIOUSNESS]
- Machado, G. & R. Macías-Ordóñez. 2007. Social behavior, pp. 400-413. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [DEFENSE AND GREGARIOUSNESS]
- Machado, G. & R. Macías-Ordóñez. 2007. Reproduction, pp. 414-454. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [REPRODUCTION]

- Machado, G. & P.S. Oliveira. 1998. Reproductive biology of the neotropical harvestman *Goniosoma longipes* (Arachnida, Opiliones: Gonyleptidae): mating and oviposition behaviour, brood mortality, and parental care. *Journal of Zoology*, 246:359-367. [REPRODUCTION]
- Machado, G. & P.S. Oliveira. 2002. Maternal care in the neotropical harvestman *Bourguyia albiornata* (Arachnida, Opiliones): oviposition site selection and egg protection. *Behaviour*, 139:1509-1524. [REPRODUCTION]
- Machado, G.; R. Pinto-da-Rocha & G. Giribet. 2007. What are harvestmen?, pp. 1-13. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [GENERAL BIOLOGY]
- Machado, G. & M.A. Pizo. 2000. The use of fruits by the neotropical harvestman *Neosaducus variabilis* (Opiliones, Laniatores, Gonyleptidae). *The Journal of Arachnology*, 28:357-360. [DIET AND FORAGING]
- Machado, G. & R.L.G. Raimundo. 2001. Parental investment and the evolution of subsocial behaviour in harvestmen (Arachnida: Opiliones). *Ethology, Ecology and Evolution*, 13:133-150. [REPRODUCTION]
- Machado, G.; R.L.G. Raimundo & P.S. Oliveira. 2000. Daily activity schedule, gregariousness, and defensive behaviour in the neotropical harvestman *Goniosoma longipes* (Opiliones: Gonyleptidae). *Journal of Natural History*, 34:587-596. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, ECOLOGY, NATURAL ENEMIES]
- Machado, G.; G.S. Requena; B.A. Buzatto; F. Osses & L.M. Rossetto. 2004. Five new cases of paternal care in harvestmen (Arachnida: Opiliones): implications for the evolution of male guarding in the neotropical family Gonyleptidae. *Sociobiology*, 44:577-598. [REPRODUCTION]
- Machado, G. & C.H.F. Vasconcelos. 1998. Multi-species aggregations in neotropical harvestmen (Arachnida: Opiliones: Gonyleptidae). *The Journal of Arachnology*, 26:89-391. [DEFENSE AND GREGARIOUSNESS]
- Machado, G. & D.M. Vital. 2001. On the occurrence of epizoic algae and liverworts on the harvestmen *Neosadocus* aff. *variabilis* (Opiliones: Gonyleptidae). *Biotropica*, 33:535-538. [ECOLOGY, NATURAL ENEMIES]
- Machado, G. & J. Warfel. 2006. First case of maternal care in the family Cranaidae (Opiliones, Laniatores). *The Journal of Arachnology*, 34:269-272. [REPRODUCTION]

- Machado, G.; A.A. Giaretta & R. Pinto-da-Rocha. 2001. Notes on the taxonomy and biology of the neotropical harvestman *Goniosoma catarina* sp.n. (Opiliones: Gonyleptidae). *Revista Ibérica de Aracnología*, 4:17-22. [DEFENSE AND GREGARIOUSNESS, REPRODUCTION]
- Machado, S.F.; R.L. Ferreira & R.P. Martins. 2003. Aspects of the population ecology of *Goniosoma* sp. (Arachnida, Opiliones, Gonyleptidae) in limestone caves in southeastern Brazil. *Tropical Zoology*, 16:13-31. [DEFENSE AND GREGARIOUSNESS, ECOLOGY, NATURAL ENEMIES, REPRODUCTION]
- Macías-Ordóñez, R. 2000. Touchy harvestmen. *Natural History*, 109:58-61. [REPRODUCTION]
- MacKay, W.; C. Grimsley & J.C. Cokendolpher. 1992. Seasonal changes in a population of desert harvestmen, *Trachyrhinus marmoratus* (Arachnida: Opiliones), from western Texas. *Psyche*, 99:207-213. [ECOLOGY]
- Madsen, M.; S. Terkildsen & S. Toft. 2004. Microcosm studies on control of aphids by generalist arthropod predators: effects of alternative prey. *Biocontrol*, 49:483-504. [DIET AND FORAGING, ECOLOGY]
- Martens, J. 1965. Verbreitung und Biologie des Schneckenkankers *Ischyropsalis hellwigi*. *Natur und Museum*, 95:143-149. [DIET AND FORAGING]
- Martens, J. 1967. Bedeutung einer Chelicerendrüse bei Weberknechten (Opiliones). *Naturwissenschaften*, 54:346. [MORPHOLOGY]
- Martens, J. 1969a. Die Artabgrenzung von Biospezies auf biologisch-ethologischer und morphologischer Grundlage am Beispiel der Gattung *Ischyropsalis* C.L. Koch 1839 (Opiliones, Ischyropsalididae). *Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere*, 96:133-264. [ECOLOGY]
- Martens, J. 1969b. Die Sekretarbitung während des Paarungsverhaltens von *Ischyropsalis* C.L. Koch (Opiliones). *Zeitschrift für Tierpsychologie*, 26:513-523. [REPRODUCTION]
- Martens, J. 1973. Ultrastructure of cheliceral gland of *Nemastoma dentigerum canestrini* (Opiliones, Nemastomatidae). *Zeitschrift für Zellforschung und Mikroskopische Anatomie*, 136:121-137. [MORPHOLOGY]
- Martens, J. 1975a. *Ischyropsalis hellwigi* (Opiliones). Nahrungsaufnahme. *Encyclopaedia Cinematographica, Institut für den wissenschaftlichen Film, Göttingen, Film E 2129:1-7*. [DIET AND FORAGING]
- Martens, J. 1975b. *Ischyropsalis hellwigi* (Opiliones). Paarungsverhalten. *Encyclopaedia Cinematographica, Institut für den wissenschaftlichen Film, Göttingen, E 2128, Beiheft 1-11*. [REPRODUCTION]



- Martens, J. 1975c. *Ischyropsalis kollari* (Opiliones). Nahrungsaufnahme. *Encyclopaedia Cinematographica, Institut für den wissenschaftlichen Film, Göttingen, Film E 2130:1-6*. [DIET AND FORAGING]
- Martens, J. 1976. Genitalmorphologie, System und Phylogenie der Weberknechte (Arachnida: Opiliones). *Entomologica Germanica*, 3:51-68. [MORPHOLOGY]
- Martens, J. 1979. Feinstruktur der Tarsal-Drüse von *Siro duricorius* (Joseph) (Opiliones: Sironidae). *Zoomorphology*, 92:77-93. [MORPHOLOGY]
- Martens, J. 1984. Vertical distribution of Palaearctic and Oriental faunal components in the Nepal Himalayas. *Erdwissenschaftliche Forschung*, 18:321-336. [ECOLOGY]
- Martens, J. 1993a. Further cases of paternal care in Opiliones (Arachnida). *Tropical Zoology*, 6:97-107. [REPRODUCTION]
- Martens, J. 1993b. Bodenlebende Arthropoda im zentralen Himalaya: Bestandsaufnahme, Wege zur Vielfalt und ökologische Nischen, pp. 231-250. In: *Neue Forschungen im Himalaya* (U. Scheinfurth, ed.). Verlag, Stuttgart. [ECOLOGY]
- Martens, J. & W. Schawaller. 1977. Die Cheliceren-Drüsen der Weberknechte nach rasteroptischen und lichtoptischen Befunden (Arachnida: Opiliones). *Zoomorphology*, 86:223-250. [MORPHOLOGY]
- Martens, J.; U. Hoheisel & M. Götze. 1981. Vergleichende Anatomie der Legeröhren der Opiliones als Beitrag zur Phylogenie der Ordnung (Arachnida). *Zoologische Jahrbücher, Abteilung für Anatomie*, 105:13-76 [MORPHOLOGY]
- Martínez, S.V. de 1974. Consideraciones ecológicas sobre algunas especies de opiliones (Arachnida) hallados en el Departamento Capital (Santa Fe, Argentina). *Comunicaciones del Museo Provincial de Ciencias Naturales Florentino Ameghino, (Zoología)*, 7:11pp. (without pagination). [DEFENSE AND GREGARIOUSNESS, ECOLOGY]
- Matthiesen, F.A. 1974. Sobre um inimigo natural de opilões brasileiros, p. 5. In: *Anais da IV Jornada Científica da Faculdade de Ciências Médicas e Biológicas de Botucatu*. São Paulo, Brasil. [NATURAL ENEMIES]
- Matthiesen, F.A. 1975. Sobre a postura de *Discocyrtus pectinifemur* Mello-Leitão, 1937 (Opiliones, Gonyleptidae). *Ciência & Cultura*, 35:1339-1341. [REPRODUCTION]
- Matthiesen, F.A. 1980. Sará-sará, formiga predadora de escorpiões e opilões. *Revista de Agricultura*, 55:239-241. [NATURAL ENEMIES]
- Matthiesen, F.A. 1983. Comportamento sexual de um opilião brasileiro *Discocyrtus pectinifemur* Mello-Leitão, 1937 (Opiliones: Gonyleptidae). *Ciência & Cultura*, 35:1339-1341. [REPRODUCTION]

- Maury, E.A. & A. Pilati. 1996. Comensalismo de *Riosegundo birabeni* Canals, 1943 (Opiliones, Gonyleptidae) en hormigueros de *Acromyrmex lobicornis* (Emery, 1887) (Hymenoptera, Formicidae). *Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" e Instituto Nacional de Investigacion de las Ciencias Naturales*, 142:1-7. [ECOLOGY]
- McAlister, W.H. 1962. Local movements of the harvestman *Leiobunum townsendi* (Arachnida: Phalangida). *Texas Journal of Science*, 14:167-173. [DEFENSE AND GREGARIOUSNESS]
- McAloon, F.M. & L.A. Durden. 2000. Attachment sites and frequency distribution of erythraeid mites, *Leptus indianensis* (Acari: Prostigmata), ectoparasitic on harvestmen, *Leiobunum formosum* (Opiliones). *Experimental and Applied Acarology*, 24:561-567. [NATURAL ENEMIES]
- McGhee, C.R. 1977. Observations on the use of measurements in the systematic study of *Leiobunum* (Arachnida: Phalangida). *The Journal of Arachnology*, 5:169-178. [MORPHOLOGY]
- Meade, R.H. 1855. Monograph on the British species of Phalangiidae or harvestmen. *Annals and Magazine of Natural History*, 15:393-416. [GENERAL BIOLOGY]
- Meek, B.; D. Loxton; T. Sparks; Pywell R.; H. Pickett & M. Nowakowski. 2002. The effect of arable field margin composition on invertebrate biodiversity. *Biological Conservation*, 106:259-271. [ECOLOGY]
- Meijer, J. 1972. Some data on the phenology and the activity patterns of *Nemastoma lugubre* (Müller) and *Mitostoma chrysomelas* (Herman) (Nemastomatidae: Opilionida: Arachnida). *Netherlands Journal of Zoology*, 22:105-118. [ECOLOGY]
- Meijer, J. 1984. Different phenological strategies in two nemastomatid harvestmen (Arachnida: Opilionida: Nemastomatidae). *Bulletin of the British arachnological Society*, 6:211-216. [ECOLOGY]
- Meinertz, T. 1973. The occurrence of *Mitopus morio* (Fabr.) Phalangiidae, Opiliones in Greenland and in other northern regions. Kap Farvel expeditionen 1970, Meddelelser om Gronland, bd. 191, nr. 7. [ECOLOGY]
- Meinwald J.; A.F. Kluge; J.E. Carrel & T. Eisner. 1971. Acyclic ketones in the defensive secretion of a daddy longlegs (*Leiobunum vittatum*) (Arachnida: Opiliones). *Proceedings of the National Academy of Science USA*, 68:1467-1468. [DEFENSE AND GREGARIOUSNESS]
- Melo, A.S.; R.A.S. Pereira; A.J Santos; G.J. Shepherd; G. Machado; H.F. Medeiros & R.J. Sawaya. 2003. Comparing species richness among assemblages using sample units: why not use extrapolation methods to standardize different sample sizes? *Oikos*, 101:398-410. [ECOLOGY]

- Menge, A. 1850. Über die Lebensweise der Afterspinnen. *Schriften der naturforschenden Gesellschaft in Danzig*, 4:54-56. [GENERAL BIOLOGY, MORPHOLOGY]
- Merfield, C.N.; S.D. Wratten & S. Navntoft. 2004. Video analysis of predation by polyphagous invertebrate predators in the laboratory and field. *Biological Control*, 29:5-13. [DIET AND FORAGING, ECOLOGY]
- Mestre, L.A. & R. Pinto-da-Rocha. 2004. Population dynamics of an isolated population of the harvestman *Ilhaia cuspidata* (Opiliones, Gonyleptidae), in Araucaria Forest (Curitiba, Paraná, Brazil). *The Journal of Arachnology*, 32:208-220. [DEFENSE AND GREGARIOUSNESS, ECOLOGY]
- Meyer, W.; J. Schardinell & C. Schlesinger. 1998. Distribution of acetylcholinesterase in the central nervous system of harvestmen (Arachnida: Opiliones). *Neuroscience Letters*, 256:97-100. [PHYSIOLOGY]
- Meyer-Rochow, V.B. & A.R. Liddle. 1988. Structure and function of the eyes of two species of opilionid from New Zealand glow-worm caves (*Megalopsalis tumida*: Palpatores, and *Hendea myersi cavernicola*: Laniatores). *Proceedings of the Royal Society of London, ser. B*, 233:293-319. [DIET AND FORAGING, MORPHOLOGY]
- Meyer-Rochow, V.B. & A.R. Liddle. 2001. Some ecological and ethological observations on *Hendea myersi cavernicola* (Chelicerata: Arachnida: Opiliones), a seeing troglobite. *Natura Croatica*, 10:133-140. [DIET AND FORAGING, ECOLOGY]
- Mihal, I. 1997. Harvestmen (Opiliones) in a brush stand and fir-beech forest of the Kremnicke Vrchy mountains. *Biologia*, 52:191-194. [ECOLOGY]
- Mihál, I. 1998. Harvestmen (Opiliones) of the forest stands and meadows in the Polana Mountain (Slovakia). *Ochrana prírody*, 16:119-124. [In Czech] [ECOLOGY]
- Miller, P.L. 1977. Neurogenic pacemakers in legs of Opiliones. *Physiological Entomology*, 2:213-224. [MORPHOLOGY, PHYSIOLOGY]
- Mitchell, R.W. 1971. Egg and young guarding by a cave-dwelling harvestman, *Hoplobunus boneti* (Arachnida). *Southwestern Naturalist*, 15:392-395. [REPRODUCTION]
- Mitov, P.G. & I.L. Stoyanov. 2005. Ecological profiles of harvestmen (Arachnida, Opiliones) from Vitosha Mountain (Bulgaria): A mixed modelling approach using GAMS. *The Journal of Arachnology*, 33:256-268. [ECOLOGY]
- Mitov, P.G. 1988. Contribution to the study of the food spectrum of Opiliones. *Travaux Scientifiques Université de Plovdiv "Paissi Hilendarski"*, Biologie, 26:483-488. [In Bulgarian with summary in English] [DIET AND FORAGING]

- Mitov, P.G. 1992. Harvestmen (Opiliones, Arachnida) -- carriers of plant and fungus spores. *Acta Zoologica Bulgarica*, 43:75-77. [ECOLOGY, NATURAL ENEMIES]
- Mitov, P.G. 1995. Opiliones (Arachnida) as a component of the food stuffs of some animals. *Annuaire de l'Université de Sofia, Faculté de Biologie, Livre 1-Zoologie*, 86-87:67-74. [NATURAL ENEMIES]
- Mitov, P.G. 1995. Artenbestand und tagesaktivität von Opiliones (Arachnida) aus einigen Geröllhalden im Vitoscha-Gebirge, Bulgarien. *Arachnologische Magazin*, 3:1-6. [In Bulgarian with English summary] [ECOLOGY]
- Mitov, P.G. 1997. Einige neue und interessante Phoresie-Fälle bei bulgarischen Opiliones (Arachnida). *Arachnologische Magazin*, 5:1-6. [NATURAL ENEMIES]
- Mitov, P.G. 2007. Spatial niches of Opiliones (Arachnida) from Vitosha Mountains, Bulgaria, 423-446. In: *Biogeography and Ecology of Bulgaria* (V. Fet & A. Popov, eds.). Springer, The Netherland. [ECOLOGY]
- Miyosi, Y. 1941. Reproduction and post-embryonic development in the Japanese laniatorid *Pseudobiantes japonicus*. *Acta Arachnologica*, 6:98-107. [In Japanese] [DEVELOPMENT, REPRODUCTION]
- Miyosi, Y. 1942. On the copulation in a species of Eupnoi, *Nelima genufusca* (Arachnida, Opiliones). *Shokubutsu-oyobi-Dôbutsu* (= *Plants and Animals*), 10:947. [In Japanese] [REPRODUCTION]
- Miyosi, Y. 1942. Morphological modifications through growth of *Ischyropsalis abei* Sato & Suzuki. *Acta Arachnologica*, 7:109-120. [In Japanese] [DEVELOPMENT, MORPHOLOGY]
- Mora, G. 1990. Parental care in a neotropical harvestman, *Zygopachylus albomarginis* (Arachnida, Opiliones: Gonyleptidae). *Animal Behaviour*, 39:582-593. [REPRODUCTION]
- Moritz, M. 1957. Zur Embryonalentwicklung der Phalangiiden (Opiliones, Palpatores) unter besonderer Berücksichtigung der ausseren Morphologie, der Bildung des Mitteldarmes und der Genitalanlage. *Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere*, 76:331-370. [DEVELOPMENT, MORPHOLOGY]
- Moritz, M. 1959. Zur embryonalentwicklung der Phalangiiden (Opiliones; Palpatores). II. Die Anlage und Entwicklung der Coxaldrüse bei *Phalangium opilio* L. *Zoologische Jahrbücher, Abteilung für Anatomie und Ontogenie der Tiere*, 77:229-240. [DEVELOPMENT, MORPHOLOGY]
- Moritz, M. 1993. Ordnung Opiliones, Weberknechte, Kanker, pp. 402-421. In: *Lehrbuch der Speziellen Zoologie*, 1 (Teil 4: *Arthropoda, ohne Insekten*) (H.-E. Gruner, ed.). G. Fishers, Jena. [GENERAL BIOLOGY]

- Morrow, E.H. 2004. How the sperm lost its tail: the evolution of a flagellate sperm. *Biological Review*, 79:795–814. [MORPHOLOGY, REPRODUCTION]
- Morse, D.H. 2001. Harvestmen as commensals of crab spiders. *The Journal of Arachnology*, 29:273-275. [DIET AND FORAGING]
- Moseley, M. & A. Hebda. 2001. Overwintering *Leiobunum elegans* (Opiliones: Phalangiidae) in caves and mines in Nova Scotia. *Proceedings of Nova Scotia Institute of Science*, 41:216-218. [DEFENSE AND GREGARIOUSNESS]
- Moya, J.; K.C. Mancini; G. Machado & H. Dolder. 2007. Sperm morphology of the neotropical harvestman *Iporangaia pustulosa* (Arachnida: Opiliones): comparative morphology and functional aspects. *Arthropod Structure & Development*, 36:53-62. [MORPHOLOGY]
- Muchmore, W.B. 1971. Phoresy by North and Central American pseudoscorpions. *Proceedings of the Rochester Academy of Sciences*, 12:79-97. [NATURAL ENEMIES]
- Mulay, S.V. & B.E. Yadav. 1993. Aggregation in harvestmen (Opiliones, Phalangidae). *Science & Culture*, 59:121. [DEFENSE AND GREGARIOUSNESS]
- Müller, A. 1924. Zur Anatomie einiger Arten des Genus *Ischyropsalis* C.L. Koch nebst vergleichend-anatomischen Betrachtungen. *Zoologische Jahrbucher, Abteilung für Anatomie und Ontogenie der Tiere*, 45:405-518. [MORPHOLOGY]
- Müller, A. 1925. Zur Kenntnis der Jugendformen einiger Opilioniden. *Senckenbergiana*, 7:210–224. [DEVELOPMENT, MORPHOLOGY]
- Muñoz-Cuevas, A. 1971a. Étude du tarse, de l'apotele et de la formation des griffes au cours du développement postembryonnaire chez *Pachylus quinamavidensis* (Arachnida, Opiliones, Gonyleptidae). *Bulletin du Muséum national d'histoire Naturelle, ser. 2*, 42:1027–1036. [DEVELOPMENT, MORPHOLOGY]
- Muñoz-Cuevas, A. 1971b. Étude du développement embryonnaire chez *Pachylus quinamavidensis* (Arachnida, Opiliones, Laniatores). *Bulletin du Muséum national d'histoire Naturelle, ser. 2*, 42:1238–1250. [DEVELOPMENT]
- Muñoz-Cuevas, A. 1971c. Contribution à l'étude du développement postembryonnaire de *Pachylus quinamavidensis* Muñoz-Cuevas (Arachnides, Opilions, Laniatores). *Bulletin du Museum National d'Histoire Naturelle*, 12:629-641. [DEVELOPMENT]
- Muñoz-Cuevas, A. 1973. Embryogenèse, organogenèse et rôle des organes ventraux et neuraux de *Pachylus quinamavidensis* Muñoz (Arachnides, Opilions, Gonyleptidae). Comparaison avec les Annélides et d'autres Arthropodes. *Bulletin du Muséum national d'histoire Naturelle, ser. 3*, 196:1517–1537. [DEVELOPMENT]

- Muñoz-Cuevas, A. 1975. Ciliary model of development of photoreceptor in *Ischyropsalis luteipes* (Opiliones, Arachnida). *Comptes Rendus Hebdomadaires des Seances de L'Academie des Sciences Serie D*, 280:725-727. [MORPHOLOGY]
- Muñoz-Cuevas, A. 1978. Différenciation cellulaire du système dioptrique chez *Ischyropsalis luteipes* (Opiliones, Arachnida). *Symposia of the Zoological Society of London*, 42:399-405. [DEVELOPMENT, MORPHOLOGY]
- Muñoz-Cuevas, A. 1981. Developpement, rudimentation et regression de l'oeil chez les opilions (Arachnida). Recherches morphologiques, physiologiques et experimentes. *Memoirs du Museum National d'Histoire Naturelle, ser. A, Zoologie*, 120:1-117. [DEVELOPMENT, MORPHOLOGY]
- Muñoz-Cuevas, A. 1985. Aspects comparatives de la photoreception et la vision nocturne des arachnids. *Memoires de Biospéologie*, 12: 127-134. [PHYSIOLOGY]
- Muñoz-Cuevas, A. & P. Carricaburu. 1990. Modulation in electroretinogram during 24 hours by serotonin of *Discocyrtus dilatatus* (Chelicerata, Opiliones, Gonyleptidae). *Acta Zoologica Fennica*, 190:287-291. [PHYSIOLOGY]
- Muñoz-Cuevas, A. & M. Vachon. 1979. Donnees sur le développement postembryonnaire du tarse chex les Triaenonychidae et considérationns sur la phylogénie de cette famille dans l'Amérique australe (Opilions, Arachnida). *Revue Arachnologique*, 2:253-257. [DEVELOPMENT]
- Murphree, C.S. 1988. Morphology of the dorsal integument of ten opilionid species (Arachnida, Opiliones). *The Journal of Arachnology*, 16:237-252. [MORPHOLOGY]

## N

- Naisse, J. 1959. Neurosécrétion et glandes endocrines chez les opilions. *Archives de Biologie*, 70:217-264. [PHYSIOLOGY]
- Naya, D.E.; M.A. Lardies & F. Bozinovic. 2007. The effect of diet quality on physiological and life-history traits in the harvestman *Pachylus paessleri*. *Journal of Insect Physiology*, 53:132-138. [PHYSIOLOGY]
- Neumann, F.G. & K. Tolhurst. 1991. Effects of fuel reduction burning on epigeal arthropods and earthworms in dry sclerophyll eucalypt forest of west-central Victoria. *Australian Journal of Ecology*, 16:315-330. [ECOLOGY]

- Newman, H.H. 1917. A case of synchronic behaviour in Phalangidae. *Science*, 45:44. [DEFENSE AND GREGARIOUSNESS]
- Newton, B.L. & K.V. Yeargan. 2001. Predation of *Helicoverpa zea* (Lepidoptera: Noctuidae) eggs and first instars by *Phalangium opilio* (Opiliones: Phalangiidae). *Journal of the Kansas Entomological Society*, 74:199-204. [DIET AND FORAGING]
- Newton, B.L. & K.V. Yeargan. 2002. Population characteristics of *Phalangium opilio* (Opiliones: Phalangiidae) in Kentucky agroecosystems. *Environmental Entomology*, 31:92-98. [ECOLOGY]
- Novak, T.; A. Alatič; J. Poterč; B. Bertoneclj & F. Janžekovic. 2006. Regenerational leg asymmetry in damaged *Trogulus nepaeformis* (Scopoli 1763) (Opiliones, Trogulidae). *The Journal of Arachnology*, 34:524-531. [DEFENSE AND GREGARIOUSNESS]
- Novak, T.; S. Lipovšek; L. Senčič; M.A. Pabst & F. Janžekovič. 2004. Adaptations in phalangiid harvestmen *Gyas annulatus* and *Gyas titanus* to their preferred water current adjacent habitats. *Acta Oecologia*, 26:45-53. [ECOLOGY, PHYSIOLOGY]
- Novak, T.; L. Slana; N. Červek; M. Mlakar; N. Žmaher & J. Gruber. 2002. Harvestmen (Opiliones) in human settlements of Slovenia. *Acta Entomologica Slovenica*, 10:133-156. [ECOLOGY]
- Nyffeler, M. & W.O.C. Symondson. 2001. Spiders and harvestmen as gastropod predators. *Ecological Entomology*, 26:617-628. [DIET AND FORAGING]

## O

- Økland, S.; A. Tjonneland & B. Midtun. 1983. Heart ultrastructure in *Mitopus morio* L. (Chelicerata, Opiliones). *Zoologischer Anzeiger*, 210:145-154. [MORPHOLOGY]
- Oliveira, R.M.; A.A. Zacaro; P. Gnaspini & D.M. Cella. 2006. Cytogenetics of three Brazilian *Goniosoma* species: a new record for diploid number in Laniatores (Opiliones, Gonyleptidae, Goniosomatinae). *The Journal of Arachnology*, 34:435-443. [CYTOGENETICS]
- O'Neal, M.E.; E.L. Zontek; Z. Szendrei; D. Landis & Rufus Isaacs. 2005. Ground predator abundance affects prey removal in highbush blueberry (*Vaccinium corymbosum*) fields and can be altered by aisle ground covers. *Biocontrol*, 50:205-222. [ECOLOGY]
- Owen, D.F. 1991. Opiliones (Arachnida) at a single site: ten years of monitoring. *Entomologist's Monthly Magazine*, 127:107-108. [ECOLOGY]

## P

- Pabst, W. 1953. Zur Biologie der mitteleuropäischen Troguliden. *Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere*, 82:1-156. [DEFENSE AND GREGARIOUSNESS, DEVELOPMENT, DIET AND FORAGING, ECOLOGY, PHYSIOLOGY, REPRODUCTION]
- Packard, G.C. & R.K. Stiverson. 1975. Geographic variation in physiological characters of the arachnid *Leiobunum longipes*: has a case been made? *Systematic Zoology*, 24:111-113. [PHYSIOLOGY]
- Paoletti, M.G.; D.X. Hu; P. Marc; H. Ningxing; W. Wenliang; H. Chunru; H. Jiahai & C. Liewan. 1999. Arthropods as bioindicators in agroecosystems of Jiang Han Plain, Qianjiang City, Hubei China. *Critical Reviews in Plant Sciences*, 18:457-465. [ECOLOGY]
- Parisot, C. 1962. Étude de quelques opilions de Lorraine. *Vie et Milieu*, 13:179-197. [DEFENSE AND GREGARIOUSNESS, ECOLOGY, DEVELOPMENT, REPRODUCTION]
- Parthasarathy, M.D. & C.J. Goodnight. 1958. The chromosomal patterns of some Opiliones (Arachnida). *Transactions of the American Microscopical Society*, 77:353-364. [CYTOGENETICS]
- Pearson, R.G. & E. White. 1964. The phenology of some surface-active arthropods of moorland country in North Wales. *Journal of Animal Ecology*, 33:245-258. [ECOLOGY]
- Pekár, S. 1997a. Effect of liquid fertilizer (UAN) combined with deltamethrin on beneficial arthropods in spring barley. *Plant Protection Science*, 33:257-264. [ECOLOGY]
- Pekár, S. 1997b. Short-term effect of liquid fertilizer (UAN) on beneficial arthropods (Aranea, Opiliones, Carabidae, Staphylinidae) in winter wheat. *Plant Protection Science*, 33:17-24. [ECOLOGY]
- Pekar, S. 1999. Side-effect of integrated pest management and conventional spraying on the composition of epigeic spiders and harvestmen in an apple orchard (Araneae, Opiliones). *Journal of Applied Entomology*, 123:115-120. [ECOLOGY]
- Pekár, S. 2002. Differential effects of formaldehyde concentration and detergent on the catching efficiency of surface active arthropods by pitfall traps. *Pedobiologia*, 46:539-547. [ECOLOGY]
- Pekar, S. 2003. Change in the community of epigeal spiders and harvestmen (Araneae, Opiliones) with the age of an apple orchard. *Plant Soil and Environment*, 49:81-88. [ECOLOGY]



- Pekár, S.; J. Kazda & K. Veverka. 1997. Effect of an organophosphate insecticide combined with a liquid fertiliser (UAN) on some pests (Aphidoidea, Chrysomelidae) and beneficial arthropods (Araneae, Opiliones) in winter wheat stands. *Scientia Agriculturae Bohemica*, 28:271-281. [ECOLOGY]
- Pellegatti-Franco, F. & P. Gnaspini. 1996. Use of caves by *Philander opossum* (Mammalia: Didelphidae) in southeastern Brazil. *Papéis Avulsos de Zoologia*, 39:351-364. [NATURAL ENEMIES]
- Pereira, W.; A. Elpino-Campos; K. Del-Claro & G. Machado. 2004. Behavioral repertory of the neotropical harvestman *Ilhaia cuspidata* (Opiliones, Gonyleptidae). *The Journal of Arachnology*, 32:22-30. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, ECOLOGY, REPRODUCTION]
- Peters, W. 1967. Bildung und Struktur peritrophischer Membranen bei Phalangiiden (Opiliones, Chelicerata). *Zeitschrift für Morphology und Ökologie der Tiere*, 59:134-142. [MORPHOLOGY]
- Pfeifer, H. 1956. Zur Ökologie und Larvalsystematik der Weberknechte. *Mitteilungen aus dem Zoologischen Museum in Berlin*, 32:59-104. [DEVELOPMENT, DIET AND FORAGING, NATURAL ENEMIES, ECOLOGY, REPRODUCTION]
- Phillipson, J. 1959. The seasonal occurrence, life histories and fecundity of harvest-spiders (Phalangida, Arachnida) in neighborhood of Durham City. *Entomologist's Monthly Magazine*, 95:134-138. [ECOLOGY, REPRODUCTION]
- Phillipson, J. 1960a. A contribution to the feeding biology of *Mitopus morio* (F.) (Phalangida). *Journal of Animal Ecology*, 29:35-43. [DIET AND FORAGING]
- Phillipson, J. 1960b. The food consumption of different instars of *Mitopus morio* (F.) (Phalangida) under natural conditions. *Journal of Animal Ecology*, 29:299-307. [DIET AND FORAGING]
- Phillipson, J. 1961. Histological changes in the gut of *Mitopus morio* (Phalangiida) during protein digestion. *Quarterly Journal of Microscopical Science*, 102:217-226. [MORPHOLOGY, PHYSIOLOGY]
- Phillipson, J. 1962a. Histological changes in the gut and associated tissues of *Mitopus morio* (Phalangiida) during digestion of lipid and carbohydrate. *Quarterly Journal of Microscopical Science*, 103:85-91. [MORPHOLOGY, PHYSIOLOGY]
- Phillipson, J. 1962b. Respirometry and the study of energy turnover in natural systems with particular reference to harvestspiders (Phalangida). *Oikos*, 13:311-322. [ECOLOGY, PHYSIOLOGY]

- Phillipson, J. 1963. The use of respirometry data in estimating annual respiratory metabolism, with particular reference to *Leiobunum rotundum* (Latr.) (Phalangida) *Oikos*, 14:212-223. [ECOLOGY, PHYSIOLOGY]
- Pinto-da-Rocha, R. 1993. Invertebrados cavernícolas da porção meridional da Província Espeleológica do Vale do Ribeira, Sul do Brasil. *Revista Brasileira de Zoologia*, 10:229-255. [DEFENSE AND GREGARIOUSNESS, ECOLOGY, REPRODUCTION]
- Pinto-da-Rocha, R. 1996a. Biological notes on and population size of *Pachylospeleus strinatii* Šilhavý, 1974 in the Gruta das Areias de Cima, Iporanga, south-eastern Brazil (Arachnida, Opiliones, Gonyleptidae). *Bulletin of the British arachnological Society*, 10:189-192. [ECOLOGY]
- Pinto-da-Rocha, R. 1996b. Description of the male of *Daguerreia inermis* Soares & Soares, with biological notes on population size in the Gruta da Lancinha, Paraná, Brazil (Arachnida, Opiliones, Gonyleptidae). *Revista brasileira de Zoologia*, 13:833-842. [ECOLOGY]
- Pinto-da-Rocha, R. 1999. Opiliones, pp. 35-44. In: *Biodiversidade do Estado de São Paulo, Brasil: Invertebrados Terrestres*, vol. 5 (C.R.F. Brandão & E.M. Canello, eds.). FAPESP, São Paulo. [ECOLOGY, GENERAL BIOLOGY]
- Pinto-da-Rocha, R. & A.B. Bonaldo. 2006. A structured inventory of harvestmen (Arachnida, Opiliones) at Juriti River palteau, State of Pará, Brazil. *Revista Ibérica de Aracnología*, 13:155-162. [ECOLOGY]
- Pinto-da-Rocha, R.; G. Machado & G. Giribet. 2007. *Harvestmen: The Biology of Opiliones*. Harvard University Press, Massachusetts. [GENERAL BIOLOGY]
- Pinto-da-Rocha, R. & M.B. da Silva & C. Bragagnolo. 2005. Faunistic similarity and biogeography of the harvestmen of southern and southeastern Atlantic rain forest of Brazil. *The Journal of Arachnology*, 33:290-299. [ECOLOGY]
- Pocock, R.I. 1902a. Some points in the morphology and classification of the Opiliones. *Annals and Magazine of Natural History, ser. 7*, 10:504-516. [MORPHOLOGY]
- Pocock, R.I. 1902b. Studies on the arachnid endosternite. *Quarterly Journal of Microscopical Science*, 46:225-262. [MORPHOLOGY]
- Poinar, G.O. Jr. & G.M. Thomas. 1985. Laboratory infection of spiders and harvestmen (Arachnida: Araneae and Opiliones) with *Neoaplectana* and *Heterorhabditis* nematodes (Rhabditoidea). *The Journal of Arachnology*, 13:297-302. [NATURAL ENEMIES]
- Poinar, G.O. Jr. 1985. Mermethid (Nematoda) parasites of spiders and harvestmen. *The Journal of Arachnology*, 13:121-128. [NATURAL ENEMIES]

- Poinar, G.O. Jr.; B.P.M. Curčić & J.C. Cokendolpher. 1998. Arthropod phoresy involving pseudoscorpions in the past and present. *Acta Arachnologica*, 47:79-96. [NATURAL ENEMIES]
- Poinar, G.O. Jr.; B.P.M. Curčić; I.M. Karaman; J.C. Cokendolpher & P.G. Mitov. 2000. Nematode parasitism of harvestmen (Opiliones: Arachnida). *Nematology*, 2:587-590. [NATURAL ENEMIES]
- Powlesland, R.G.; I.A.N. Stringer & D.I. Hedderley. 2005. Effects of an aerial 1080 possum poison operation using carrot baits on invertebrates in artificial refuges at Whirinaki Forest Park, 1999-2002. *New Zealand Journal of Ecology*, 29:193-205. [ECOLOGY]
- Prasifka, J.R.; M.D. Lopez; R.L. Hellmich; L. Lewis & G. Dively. 2007. Comparison of pitfall traps and litter bags for sampling ground-dwelling arthropods. *Journal of Applied Entomology*, 131:115-120. [ECOLOGY]

## Q

- Quinn, M.A. 2004. Influence of habitat fragmentation and crop system on Columbia Basin shrubsteppe communities. *Ecological Applications*, 14:1634-1655. [ECOLOGY]

## R

- Rabitsch, W.B. 1995. Metal accumulation in arthropods near a lead/zinc smelter in Arnoldstein, Austria. III. Arachnida. *Environmental Pollution*, 90:249-257. [ECOLOGY]
- Rambla, M. 1974. Los Opiliones (Arachnida), 1ª parte. *Graellsia*, 28: 123-145. [GENERAL BIOLOGY]
- Rambla, M. 1985. Artrópodos epigeos del macizo de San Juan de la Peña (Jaca, Huesca). IV. Opiliones. *Pirineos*, 124:87-168. [ECOLOGY]
- Rambla, M. 1986. Artropodes (I). 7. Els Opilions, pp. 168-182. In: *Historia Natural dels Països Catalans*, vol. 9 (J. Armengol, ed.). Enciclopedia Catalana, Barcelona. [GENERAL BIOLOGY]
- Rambla, M. & C. Juberthie 1994. Opiliones, pp. 215-230. In: *Encyclopaedia Biospeologica*, vol. 1 (C. Juberthie & V. Decu, ed.). Société de Biospéologie, Moulis. [GENERAL BIOLOGY]

- Ramert, B. & B. Ekbom. 1996. Intercropping as a management strategy against carrot rust fly (Diptera: Psilidae): a test of enemies and resource concentration hypotheses. *Environmental Entomology*, 25:1092-1100. [ECOLOGY]
- Ramires, E.N. & A.A. Giaretta. 1994. Maternal care in a neotropical harvestman, *Acutisoma proximum* (Opiliones, Gonyleptidae). *The Journal of Arachnology*, 22:179-180. [REPRODUCTION]
- Raspotnig, G.; G. Fauler; M. Leis & H.-J. Leis. 2005. Chemical profiles of scent gland secretions in the cyphophthalmid opilionid harvestmen, *Siro duricorius* and *S. exilis*. *Journal of Chemical Ecology*, 31:1353-1368. [DEFENSE AND GREGARIOUSNESS]
- Ratsirarson, H.; H.G. Robertson; M.D. Picker & S. van Noort. 2002. Indigenous forests versus exotic eucalypt and pine plantations: a comparison of leaf-litter invertebrate communities. *African Entomology*, 10:93-99. [ECOLOGY]
- Read, H.J.; M.H. Martin & J.M.V. Rayner. 1998. Invertebrates in woodlands polluted by heavy metals: an evaluation using canonical correspondence analysis. *Water Air and Soil Pollution*, 106:17-42. [ECOLOGY]
- Reger, J.F. 1969. A fine structure study on spermiogenesis in Arachnida, *Leiobunum* sp. (Phalangida: Harvestmen). *Journal of Ultrastructure Research*, 28:422-434. [MORPHOLOGY]
- Řezáč, M. 2004. Spiders and harvestmen (Arachnida: Araneae: Opiliones) on an abandoned ore-washery sedimentation basin near Chvaletice, pp. 311-323. In: *Natural recovery of human-made deposits in landscape (Biotic interactions and ore/ash-slag artificial ecosystems)*, (p. Kovář, ed.). Academia, Prague. [ECOLOGY]
- Řezáč, M.; s. Pekár & F. Kocourek. 2006. Effect of bt-maize on epigeic spiders (Araneae) and harvestmen (Opiliones). *Plant Protection Science*, 42:1-8. [ECOLOGY]
- Roach, B.; T. Eisner & J. Meinwald. 1980. Defensive substances of opilionids. *Journal of Chemical Ecology*, 6:511-516. [DEFENSE AND GREGARIOUSNESS]
- Rodríguez, C.A. & S. Guerrero. 1976. La historia natural y el comportamiento de *Zygopachylus albomarginis* (Chamberlin) (Arachnida: Opiliones: Gonyleptidae). *Biotropica*, 8:242-247. [REPRODUCTION]
- Romer, F. & W. Gnatzy. 1981. Arachnid enocytes: ecdysone synthesis in the legs of harvestmen (Opiliones). *Cell and Tissue Research*, 216:449-453. [MORPHOLOGY, PHYSIOLOGY]
- Romer, F. & W. Gnatzy. 1981. Arachnid oenocytes: ecdysone synthesis in the legs of harvestmen (Opiliones). *Cell and Tissue Research*, 216:449-453. [MORPHOLOGY, PHYSIOLOGY]

- Rössler, R. 1882. Beiträge zur Anatomie der Phalangiden. *Zeitschrift für wissenschaftliche Biologie*, 36:671-702. MORPHOLOGY
- Roters, M. 1944. Observations on British harvestmen. *Journal of the Quekett Microscopical Club*, ser. 4, 2:23-25. [DIET AND FORAGING, NATURAL ENEMIES, REPRODUCTION]
- Roth, V.D. & B.M. Roth. 1984. A review of appendotomy in spiders and other arachnids. *Bulletin of the British arachnological Society*, 6:137-146. [DEFENSE AND GREGARIOUSNESS]
- Rüffer, H. 1966. Beiträge zur Kenntnis der Entwicklungsbiologie der Weberknechte. *Zoologische Anzeiger*, 176:160-175. [DEVELOPMENT, REPRODUCTION]
- Rühm, J. 1926. Über die Nahrung von *Phalangium* L. *Zoologischer Anzeiger*, 68:154-158. [DIET AND FORAGING, NATURAL ENEMIES]
- Ruzicka, V. & M. Zacharda. 1994. Arthropods of stony debris in the Krkonose Mountains, Czech Republic. *Arctic and Alpine Research*, 26:332-338. [ECOLOGY]
- Růžička, V.; J. Hajer; M. Zacharda. 1995. Arachnid population patterns in underground cavities of a stony debris field (Araneae, Opiliones, Pseudoscorpionidea, Acari: Prostigmata, Rhagidiidae). *Pedobiologia*, 39:42-51. [ECOLOGY]

## S

- Sabino, J. & P. Gnaspini. 1999. Harvestman (Opiliones, Gonyleptidae) takes prey from a spider (Araneae, Ctenidae). *The Journal of Arachnology*, 27:675-678. [DIET AND FORAGING]
- Sacher, P. & G. Dornbusch. 1990. Nachweis von Spinnentieren (Opiliones, Araneae) in der Nestlingsnahrung einiger Singvögel. *Entomologische Nachrichten und Berichte*, 34:43-44. [ECOLOGY]
- Sáez, F.A. & M.E. Drets. 1958. The action of gonyleptidine on the mitotic and meiotic chromosomes and on the interphase nucleus. *Portugaliae Acta Biologica*, 5:287-296. [DEFENSE AND GREGARIOUSNESS]
- Sankey, J.H.P. 1949a. British harvest-spiders. *Essex Naturalist*, 28:181-191. [GENERAL BIOLOGY]
- Sankey, J.H.P. 1949b. Observations on food, enemies and parasites of British harvest-spiders (Arachnida, Opiliones). *Entomologist's Monthly Magazine*, 85:246-247. [DIET AND FORAGING, NATURAL ENEMIES]

- Santos, F.H. 2007. Ecophysiology, pp. 473-488. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [PHYSIOLOGY]
- Santos, F.H. & P. Gnaspini. 2002. Notes on the foraging behavior of the Brazilian cave harvestman *Goniosoma spelaeum* (Opiliones, Gonyleptidae). *The Journal of Arachnology*, 30:177-180. [DIET AND FORAGING]
- Savory, T.H. 1938. Notes on the biology of harvestmen. *Journal of the Quekett Microscopical Club*, 1:89-94. [GENERAL BIOLOGY]
- Savory, T.H. 1962. Daddy longlegs. *Scientific American*, 207:119-128. [GENERAL BIOLOGY]
- Schaefer, M. 1973. Welche Faktoren beeinflussen die Existenzmöglichkeit von Arthropoden eines Stadtparks - untersucht am Beispiel der Spinnen (Araneida) und Weberknechte (Opilionida)? *Faunistisch-Ökologische Mitteilungen*, 4:305-318. [ECOLOGY]
- Schaefer, M. 1980a. Sukzession von Arthropoden in verbrannten Kiefernforsten. II. Spinnen (Araneida) und Weberknechte (Opilionida). *Forstwissenschaftliches Centralblatt*, 99:341-356. [ECOLOGY]
- Schaefer, M. 1980b. Effects of an extensive fire on the fauna of spiders and harvestmen (Araneida and Opilionida) in pine forests, pp. 103-108. In: *Proceedings of the 8th International Congress of Arachnology* (J. Gruber, ed.). Verlag H. Egermann, Vienna. [ECOLOGY]
- Schaefer, M. 1986. Studies on the role of opilionids as predators in a beech wood ecosystem, pp. 255-260. In: *Proceedings of the 9th International Arachnological Congress* (W.G. Eberhard; Y.D. Lubin & B.C. Robinson, ed.). Smithsonian Institution Press, Washington, DC. [ECOLOGY]
- Schliwa, M. 1979. The retina of the phalangid, *Opilio ravennae*, with particular reference to arhabdomeric cells. *Cell and Tissue Research*, 204:473-495. [MORPHOLOGY]
- Schmaedick, M.A. & A.M. Shelton. 2000. Arthropod predators in cabbage (Cruciferae) and their potential as naturally occurring biological control agents for *Pieris rapae* (Lepidoptera: Pieridae). *Canadian Entomologist*, 132:655-675. [DIET AND FORAGING, ECOLOGY]
- Schmitz, A. 2005. Metabolic rates in harvestmen (Arachnida, Opiliones): the influence of running activity. *Physiological Entomology*, 30:75-81. [PHYSIOLOGY]
- Schmitz, A. & S.F. Perry. 2002. Morphometric analysis of the tracheal walls of the harvestmen *Nemastoma lugubre* (Arachnida, Opiliones, Nemastomatidae). *Arthropod Structure and Development*, 30:229-241. [MORPHOLOGY, PHYSIOLOGY]
- Schmoller, R. 1970. Life histories of alpine tundra Arachnida in Colorado. *American Midland Naturalist*, 83:119-133. [ECOLOGY]

- Schwendinger, P.J. & J. Martens. 2002. Penis morphology in Oncopodidae (Opiliones, Laniatores): evolutionary trends and relationships. *The Journal of Arachnology*, 30:425-434. [MORPHOLOGY]
- Sensenig, A.T. & J.W. Shultz. 2006. Mechanical energy oscillations during locomotion in the harvestman *Leiobunum vittatum* (Opiliones). *The Journal of Arachnology*, 34:627-633. [MORPHOLOGY, PHYSIOLOGY]
- Sergeeva, T.K. 1999. Opiliones guild: structure and trophic relations. *Zoologicheskyy Zhurnal*, 78:1172-1178. [In Russian with summary in English] [DIET AND FORAGING, ECOLOGY]
- Sharma, P. & G. Giribet. 2006. A new *Pettalus* species (Opiliones, Cyphophthalmi, Pettalidae) from Sri Lanka with a discussion on the evolution of eyes in cyphophthalmi. *The Journal of Arachnology* 34:331-341. [MORPHOLOGY]
- Sharma, G.P. & G.P. Dutta. 1959. On the male heterogamety in *Melanopa unicolor* Roewer (Opiliones, Arachnida). *Panjab University Research Bulletin*, 10:209-213. [MORPHOLOGY]
- Shear, W.A. 1975. The opilionid genera *Sabacon* and *Tomicomerus* in America (Opiliones, Trogluloidea, Ischyropsalidae). *The Journal of Arachnology*, 3:5-29. [ECOLOGY]
- Shear, W.A. 1979. *Huitaca ventralis*, n.gen., n.sp., with a description of a gland complex new to cyphophthalmids (Opiliones, Cyphophthalmi). *The Journal of Arachnology*, 7:237-242. [MORPHOLOGY]
- Shear, W.A. 1982. Opiliones, pp. 104-110. In: *Synopsis and Classification of Living Organisms*, vol. 2 (S.P. Parker, ed.). McGraw-Hill Book Company, New York. [GENERAL BIOLOGY]
- Shochat, E.; W.L. Stefanov; M.E.A. Whitehouse & S.H. Faeth. 2004. Urbanization and spider diversity: influences of human modification of habitat structure and productivity. *Ecological Applications*, 14:268-280. [ECOLOGY]
- Shultz, J.W. 1989. Morphology of locomotor appendages in Arachnida: evolutionary trends and phylogenetic implications. *Zoological Journal of the Linnean Society*, 97:1-56. [MORPHOLOGY]
- Shultz, J.W. 1990. Evolutionary morphology and phylogeny of Arachnida. *Cladistics*, 6:1-38. [MORPHOLOGY]
- Shultz, J.W. 2000. Skeletomuscular anatomy of the harvestman *Leiobunum aldrichi* (Weed, 1893) (Arachnida: Opiliones) and its evolutionary significance. *Zoological Journal of the Linnean Society*, 128:401-438. [MORPHOLOGY]
- Shultz, J.W. & R. Pinto-da-Rocha. 2007. Morphology and functional anatomy, pp. 14-61. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [MORPHOLOGY]

- Šilhavý, V. 1938. Sur l'importance de la forme de l'appareil sexuel pour le système des Opilions et révision de quelques espèces européennes du genre *Opilio* Herbst. *Sborník přírodovědný Klubu Třebíč*, 3:7-20. [MORPHOLOGY]
- Šilhavý, V. 1942. Sekáci, zijící na plodnicích hub. *Folia Entomologica*, 5:69-70.
- Šilhavý, V. 1956. Sekáci – *Opilionidea*. *Fauna ČSR*, Svazk 7. Československá Akademie Ved, Praha. [GENERAL BIOLOGY]
- Šilhavý, V. 1957. Potrava plošika vetsiho [*Trogulus nepaeformis* (Scop.)] Arachnoidea, Opiliones. *Vlastived Sborník Vysociny*, 1:79-83.
- Šilhavý, V. 1961b. Vyskyt gregarinózy sekáču (Opilionidea) u Třebíč, ČSSR. *Vlastivedný Sborník Vysočiny*, 5:135-146. [NATURAL ENEMIES]
- Šilhavý, V. 1966a. Über die Genitalmorphologie der Nemastomatidae (Arach., Opiliones). *Senckenbergiana biologica*, 47:67-72. [MORPHOLOGY]
- Šilhavý, V. 1966b. Ökologische und genitalmorphologische Bemerkungen über einige Arten der Familie Cosmetidae Simon aus Kuba (Arachnoidea, Opilionidea). *Deutsche Entomologische Zeitschrift, N.F.*, 13:263-266. [ECOLOGY, MORPHOLOGY]
- Šilhavý, V. 1967. Über eine Sekretmündung am ersten Chelicerenglied der Nemastomatiden und ihre Anwendung in der Taxonomie (Opilionidae). *Acta Entomologica Bohemoslovaca*, 64:319-321. [MORPHOLOGY]
- Šilhavý, V. 1969. Über die Präparation der Genitalien der Weberknechte. *Deutsche Entomologische Zeitschrift*, 16:141-145. [MISCELLANEOUS]
- Šilhavý, V. 1978. *Minuides milleri* sp.n., an opilionids with an unusual maner of stridulation (Phalangodidae). *Acta Entomologica Bohemoslovaca*, 75:58-63. [MORPHOLOGY]
- Simon, E. 1879. Opiliones, pp. 116-332. In: *Les Arachnides de France. VII. Contenant les ordres des Chernetes, Scorpiones et Opiliones*. pp. 1-332, pl. 17-24. Librairie Encyclopédique de Roret, Paris. [GENERAL BIOLOGY]
- Slagsvold, T. 1976. The phenology of *Mitopus morio* (Fabr.) (Opiliones) in Norway. *Norwegian Journal of Entomology*, 23:7-16. [ECOLOGY]
- Slagsvold, T. 1979. Environment and morphological variation of *Mitopus morio* (Fabr) (Opiliones) in Norway. *Journal of Biogeography*, 6:267-276. [ECOLOGY, MORPHOLOGY]
- Sokolow, I. 1929. Untersuchungen über die Spermatogenese bei den Arachniden. III. Über die Spermatogenese von *Nemastoma lugubre* (Opiliones). *Zeitschrift für Zellforschung und mikroskopische Anatomie*, 8:617-654. [MORPHOLOGY]



- Sokolow, I. 1930. Untersuchungen über die Spermatogenese bei den Arachniden. IV. Über die Spermatogenese von Phalangiden (Opiliones). *Zeitschrift für Zellforschung und mikroskopische Anatomie*, 10:164-194. [MORPHOLOGY]
- Solem, J.O. & E. Hauge. 1973. Araneae and Opiliones in light traps at Målsjøenm Sør-Trøndelag. *Norsk entomologisk Tidsskrift*, 20:275-279. [ECOLOGY]
- Sørensen, W. 1873. Bidrag til Phalangidernes Morphologi og Systematik samt Beskrivelse af nogle nye, herhen hoerende Former. *Naturhistorisk Tidsskrift, ser. 3*, 8:489-526. [MORPHOLOGY]
- Sørensen, W. 1886. Opiliones, pp. 53-86. In: *Die Arachniden Australiens nach der Natur beschrieben und abgebildet*, vol. 2(33) (L. Koch & E. von Keyserling, eds.). Nürnberg. [GENERAL BIOLOGY]
- Spicer, G.S. 1987. Scanning electron microscopy of the palp sense organs of the harvestman *Leiobunum townsendi* (Arachnida: Opiliones). *Transactions of the American Microscopical Society*, 106:232-239. [MORPHOLOGY]
- Spoek, G.L. 1964. Spinachtigen-Arachnida. III De Hooiwagens (Opilionida) van Nederland. *Wetenschappelijke Mededelingen van de Koninklijke Nederlandse Natuurhistorische Vereniging*, 50:1-28. [GENERAL BIOLOGY]
- Spurr, E.B. & P.H. Berben. 2004. Assessment of non-target impact of 1080-poisoning for vertebrate pest control on weta (Orthoptera: Anostomatidae and Rhabdophoridae) and other invertebrates in artificial refuges. *New Zealand Journal of Ecology*, 28:63-72. [ECOLOGY]
- Stammer, H.J. 1949. Die Bedeutung der Aethylglykolfallen für tierökologische und phänologische Untersuchungen. *Verhandlungen der Deutschen Zoologischen Gesellschaft*, 13:387-391. [ECOLOGY]
- Stasiov, S.; K. Tajovsky & K. Resl. 2006. Restored meadow harvestman communities (Opiliones) in the Bile Karpaty Protected Landscape Area, Czech Republic. *Biologia*, 61:165-169. [ECOLOGY]
- Stefanini-Jim, R.L. & H.E.M. Soares & J. Jim. 1987. Notas sobre a biologia de *Cadeadoius niger* (Mello-Leitão, 1935) (Opiliones, Gonyleptidae, Progonyleptoidellinae), pp. 24. In: *Anais do XX Encontro Brasileiro de Etologia*. Botucatu, São Paulo, Brazil. [REPRODUCTION]
- Steinböck, O. 1931. Zur Lebensweise einiger Tiere des Ewigschneegebietes. *Zeitschrift für Morphologie und Ökologie der Tiere*, 20:707-718. [DIET AND FORAGING, ECOLOGY]

- Stinglhammer, H.R.G. 1987. Studies on factors affecting the structure of arachnid communities on peat bogs. Ph.D. Thesis, University of Paisley, Paisley, Scotland. [ECOLOGY]
- Stipberger, H. 1928. Biologie und Verbreitung der Opilioniden Nord-Tirols. *Arbeiten aus dem Zoologischen Institut der Universität Innsbruck*, 3:12-79. [DEFENSE AND GREGARIOUSNESS, DIET AND FORAGING, DEVELOPMENT, NATURAL ENEMIES, REPRODUCTION]
- Sunderland, K.D. & S.L. Sutton. 1980. A serological study of arthropod predation on woodlice in a dune grassland ecosystem. *Journal of Animal Ecology*, 49:987-1004. [DIET AND FORAGING, ECOLOGY]
- Suzuki, S. 1941. On the chromosomes of some opilionids. *Journal of Science of the Hiroshima University*, B1, 9:239-248. [CYTOGENETICS]
- Suzuki, S. 1956. Systematics and karyological studies of Japanese species of *Gagrellula*. *Zoological Magazine*, 65:161. [In Japanese] [CYTOGENETICS]
- Suzuki, S. 1959. Cytotaxonomy of *Gagrellula* from Shikoku (abstract). *Zoological Magazine*, 68:133-134. [In Japanese] [CYTOGENETICS]
- Suzuki, S. 1976. Cytotaxonomy in some species of genus *Leiobunum* (Opiliones, Arachnida). *Proceedings of The Japan Academy*, 52:134-136. [CYTOGENETICS]
- Suzuki, S. 1980a. Four gynandromorphous specimens of the harvestman *Leiobunum globosum* Suzuki. *Zoological Magazine*, 89:111-117. [In Japanese] [MORPHOLOGY]
- Suzuki, S. 1980b. An intersex of the harvestman *Gagrellula ferruginea* (Loman). *Acta Arachnologica*, 29:43-46. [In Japanese] [MORPHOLOGY]
- Suzuki, S.; K. Tomishima; S. Yano & N. Tsurusaki. 1977. Discontinuous distributions in relict harvestmen (Opiliones, Arachnida). *Acta Arachnologica*, 27(special number):121-138. [In Japanese] [ECOLOGY]

## T

- Tallamy, D.W. 2000. Sexual selection and evolution of exclusive paternal care in arthropods. *Animal Behaviour*, 60:559-567. [REPRODUCTION]
- Tallamy, D.W. 2001. Evolution of exclusive paternal care in arthropods. *Annual Review of Entomology*, 46:139-165. [REPRODUCTION]

- Thomas, S.M. & M. Hedin. 2006. Natural history and distribution of the enigmatic southern Appalachian opilionid, *Fumontana deprehendor* Shear (Laniatores: Triaenonychidae), with an assessment of morphological variation. *Zootaxa*, 1242:21-36. [ECOLOGY, MORPHOLOGY]
- Tischler, W. 1967. Zur Biologie und Ökologie des Opilioniden *Mitopus morio* F. *Biologisches Zentralblatt*, 86:473-484. [ECOLOGY, REPRODUCTION]
- Todd, V. 1949. The habits and ecology of the British harvestmen (Arachnida, Opiliones) with special reference to those of the Oxford District. *Journal of Animal Ecology*, 18:209-229. [ECOLOGY, PHYSIOLOGY]
- Todd, V. 1950. Prey of harvestmen (Arachnida, Opiliones). *Entomologist's Monthly Magazine*, 86:252-259. [DIET AND FORAGING]
- Toft, S. 2005. Mejerne. Naturhistorisk Museum, Århus, Denmark. [In Danish] [GENERAL BIOLOGY]
- Toft, S. 2005. The quality of aphids as food for generalist predators: implications for natural control of aphids. *European Journal of Entomology*, 102:371-383. [DIET AND FORAGING, ECOLOGY]
- Tomohiro, M. 1940. On the chromosomes of the harvester, *Gagrellopsis nodulifera*. *Journal of Science of the Hiroshima University*, B1, 7:157-168. [CYTOGENETICS]
- Townsend, V.R.; K.A. Mulholland; J.O. Bradford; D.N. Proud & K.M. Parent. 2006. Seasonal variation in parasitism by *Leptus* mites (Acari, Erythraeidae) upon the harvestman *Leiobunum formosum* (Opiliones, Sclerosomatidae). *The Journal of Arachnology*, 34:492-494. [NATURAL ENEMIES]
- Tripepi, S. 1983. Fine structure of spermiogenesis in *Phalangium opilio* L. (Opiliones, Phalangidae). *Bulletin of the British arachnological Society*, 6:109-114.
- Tsukamoto, J. & J. Sabang. 2005. Soil macro-fauna in an *Acacia mangium* plantation in comparison to that in a primary mixed dipterocarp forest in the lowlands of Sarawak, Malaysia. *Pedobiologia*, 49:69-80. [ECOLOGY]
- Tsurusaki, N. 1982a. Chromosomes of the Japanese gagrellid, *Paraumbogrella huzitai* Suzuki (Gagrellidae, Opiliones, Arachnida). *Bulletin of the British arachnological Society*, 5:397-398. [CYTOGENETICS]
- Tsurusaki, N. 1982b. Intersexuality and gynandromorphism in gagrellid harvestmen (Palpatores, Opiliones, Arachnida). *Acta Arachnologica*, 31:7-16. [MORPHOLOGY]
- Tsurusaki, N. 1985. Geographic variation of chromosomes and external morphology in the *montanum*-subgroup of the *Leiobunum curvipalpe*-group (Arachnida, Opiliones,

- Phalangiidae) with special reference to its presumable process of raiation. *Zoological Science*, 2:767-783. [CYTOGENETICS, MORPHOLOGY]
- Tsurusaki, N. 1986. Parthenogenesis and geographic variation of sex ratio in two species of *Leiobunum* (Arachnida, Opiliones). *Zoological Science*, 3:517-532. [REPRODUCTION]
- Tsurusaki, N. 1989. Geographic variation of chromosomes in *Sabacon makinoi* Suzuki (Arachnida, Opiliones, Sabaconidae). *Bulletin of the Biogeographical Society of Japan*, 44:111-116. [CYTOGENETICS]
- Tsurusaki, N. 1993. Geographic variation of the number of B-chromosomes in *Metagagrella tenuipes* (Opiliones, Phalangiidae, Gagrellinae). *Memoirs of the Queensland Museum*, 33:659-665. [CYTOGENETICS]
- Tsurusaki, N. 1999. Soil arthropod diversity on fragmented woodlands in the Tottori Plains, Honshu, Japan, and its conservation. *Journal of the Faculty of Education and Regional Science, Tottori University*, 1:57-68. [In Japanese] [ECOLOGY]
- Tsurusaki, N. 2003. Phenology and biology of harvestmen in and near Sapporo, Hokkaido, Japan, with some taxonomical notes on *Nelima suzukii* n.sp. and allies (Arachnida: Opiliones). *Acta Arachnologica*, 52:5-24. [ECOLOGY, REPRODUCTION]
- Tsurusaki, N. 2004. Are parthenogenetic females willing to mate with males? Implications of exaggerated male palpi in two thelytokous harvestmen, p. 163. In: *16th International Congress of Arachnology*. Gent, Belgium. [REPRODUCTION]
- Tsurusaki, N. 2006. Geographic variation of chromosomes and somatic morphology in the Japanese polymorphic species *Leiobunum hiraiwai* (Arachnida: Opiliones: Sclerosomatidae). *Zootaxa*, 1325:157-190. [CYTOGENETICS, MORPHOLOGY]
- Tsurusaki, N. 2007. Cytogenetics, pp. 266-279. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [CYTOGENETICS]
- Tsurusaki, N. & J.C. Cokendolpher. 1990. Chromosomes of sixteen species of harvestmen (Arachnida, Opiliones, Caddidae and Phalangiidae). *The Journal of Arachnology*, 18:151-166. [CYTOGENETICS]
- Tsurusaki, N. & R.G. Holmberg. 1986. Chromosomes of *Leiobunum japonicum japonicum* and *Leiobunum paessleri* (Arachnida, Opiliones). *The Journal of Arachnology*, 14:123-125. [CYTOGENETICS]
- Tsurusaki, N.; M. Murakami & K. Shimokawa. 1991. Geographic variation of chromosomes in the Japanese harvestman, *Gagrellopsis nodulifera*, with special reference to a hybrid zone in western Honshu. *Zoological Science*, 8:265-275. [CYTOGENETICS]

- Tsurusaki, N. & T. Shimada. 2004. Geographic and seasonal variations of the number of B chromosomes and external morphology in *Psathyropus tenuipes* (Arachnida: Opiliones). *Cytogenetic and Genome Research*, 106:365-375. [CYTOGENETICS]
- Tulk, A. 1843. Upon the anatomy of *Phalangium opilio*. *Annals and Magazine of Natural History*, 12:153-165,243-253,318-331. [MORPHOLOGY]

## U

- Unzicker, J.D. & G.L. Rotramel. 1970. A new parasite record for Opiliones (Arachnida). *Transactions of the Illinois State Academy of Science*, 63:223-224. [NATURAL ENEMIES]
- Uyemura, T. 1935. Food-habit of a harvester, *Gagrellula ferruginea* (Lomann). *Journal of Zoology and Botany of Kishu-area, Wakayama*, 1:19-21. [In Japanese] [DIET AND FORAGING]

## V

- Vachon, M. 1944. L'appendice arachnidien et son évoluton. Note préliminaire. *Bulletin Société Zoologique de France*, 69:172-177. [MORPHOLOGY]
- Vachon, M. 1947. Nouvelles remarques à propos de la phorésie des Pseudoscorpions. *Bulletin du Museum national d'histoire Naturelle*, 19:84-87. [NATURAL ENEMIES]
- Vachon, M. 1976. Rudimentation et arthrogenèse des appendices de quelques arthropodes arachnides. *Bulletin de la Société Zoologique de France*, 101(suppl. 1):4-12. [MORPHOLOGY]
- Verhoeff, C.W. 1900. Zur Biologie von *Ischyropsalis*. *Zoologischer Anzeiger*, 23:106-107. [DIET AND FORAGING]
- Vetter, R.S. 2005. Arachnids submitted as suspected brown recluse spiders (Araneae: sicariidae): *Loxosceles* spiders are virtually restricted to their known distributions but are perceived to exist throughout the United States. *Journal of Medical Entomology*, 42:512-521. [MISCELLANEOUS]
- Vink, C.J.; D.A.J. Teulon; A.R.G. McLachlan & M.A.W. Stufkens. 2004. Spiders (Araneae) and harvestmen (Opiliones) in arable crops and grasses in Canterbury, New Zealand. *New Zealand Journal of Zoology*, 31:149-159. [DIET AND FORAGING]

## W

- Wachmann, E. 1970. Der Feinbau der sog. Kugelhaare der Fadenkanker (Opiliones, Nemastomatidae). *Zeitschrift für Zellforschung und mikroskopische Anatomie*, 103:518-525. [MORPHOLOGY]
- Wagner, H.O. 1954. Massenansammlungen von Weberknechten. *Zeitschrift für Tierpsychologie*, 11:348-352. [DEFENSE AND GREGARIOUSNESS]
- Walker, M.E. 1928. A revision of the order Phalangida of Ohio. *Bulletin Ohio Biological Survey*, No 19, *Ohio State University Studies*, 4:150-175. [GENERAL BIOLOGY]
- Weed, C.M. 1892. The striped harvest-spider: a study of variation. *The American Naturalist*, 26:999-1008. [ECOLOGY, MORPHOLOGY]
- Weed, C.M. 1892. The ash-gray harvest-spider. *The American Naturalist*, 26:32-36. [ECOLOGY, MORPHOLOGY]
- Weed, C.M. 1893. The cinnamon harvest-spider and its variations. *The American Naturalist*, 27:534-541. [ECOLOGY, MORPHOLOGY]
- Weed, C.M. 1897. *Life Histories of American Insects*. The Macmillan Company, New York.
- Wei, C.A. 2004. Defending the harvestman. *Journal of Experimental Biology*, 207:I-II. [MISCELLANEOUS]
- Weiss, I. 1975. Untersuchungen über die Arthropodenfauna xerothermer Standorte im südsiebenbürgischen Hügelland. II. Weberknechte (Opiliones, Arachnida). *Muzeul Brukenthal, Sibiu, Studii si Comunicari, Stiinte Naturale*, 19:263-271. [ECOLOGY]
- Wettstei, R. & J.R. Sotelo. 1965. Electron microscope study on meiotic cycle of *Acanthopachylus aculeatus* (Arachnida Opiliones): composite bodies of primary spermatocytes. *Chromosoma*, 17:246. [CYTOGENETICS, MORPHOLOGY]
- Whiteley, D.A.A. 1961. Unusual feeding habits of a harvestman (Opiliones). *Entomologist's Monthly Magazine*, 97: 187. [DIET AND FORAGING]
- Wickham, H.F. 1918. Feeding habits of a harvest spider (Phalangida). *Entomological News*, 29:115. [DIET AND FORAGING]
- Wiemer, D.F.; K. Hicks; J. Meinwald & T. Eisner. 1978. Naphthoquinones in defensive secretion of an opilionid. *Experientia*, 34:969-970. [DEFENSE AND GREGARIOUSNESS]

- Willemart, R.H. 2001. Egg covering behavior of the neotropical harvestman *Promitobates ornatus* (Opiliones, Gonyleptidae). *The Journal of Arachnology*, 28:249-252. [REPRODUCTION]
- Willemart, R.H. 2002. Cases of intra- and inter-specific food competition among Brazilian harvestmen, in captivity (Opiliones, Laniatores, Gonyleptidae). *Revue arachnologique*, 14:49-58. [DIET AND FORAGING]
- Willemart, R.H. 2007. Method and techniques of study: Rearing and maintenance of harvestmen in captivity, pp. 520-524. In: *Harvestmen: The Biology of Opiliones* (R. Pinto da Rocha; G. Machado & G. Giribet, eds.). Harvard University Press, Massachusetts. [MISCELLANEOUS]
- Willemart, R.H. & M.C. Chelini. 2007. Experimental demonstration of close-range olfaction and contact chemoreception in the Brazilian harvestman, *Iporangaia pustulosa*. *Entomologia Experimentalis et Applicata*, 123:73-79. [DIET AND FORAGING, MORPHOLOGY, PHYSIOLOGY]
- Willemart, R.H.; M.C. Chelini; R. De Andrade & P. Gnaspini. 2007. An ethological approach to a SEM survey on sensory structures and tegumental gland openings of two neotropical harvestmen (Arachnida, Opiliones, Gonyleptidae). *Italian Journal of Zoology*, 74:39-54. [DIET AND FORAGING, MORPHOLOGY, PHYSIOLOGY]
- Willemart, R.H.; J.P. Farine; A.V. Peretti & P. Gnaspini. 2006. Behavioral roles of the sexually dimorphic structures in the male harvestman *Phalangium opilio* (Opiliones, Phalangiidae). *Canadian Journal of Zoology*, 84:1763-1774. [MORPHOLOGY, REPRODUCTION]
- Willemart, R.H. & P. Gnaspini. 2004a. Breeding biology of the cavernicolous harvestman *Goniosoma albiscriptum* (Arachnida, Opiliones, Laniatores): sites of oviposition, egg batches characteristics and subsocial behaviour. *Invertebrate Reproduction and Development*, 45:15-28. [REPRODUCTION]
- Willemart, R.H. & P. Gnaspini. 2004b. Comparative density of hair sensilla on the legs of cavernicolous and epigeal harvestmen (Arachnida: Opiliones). *Zoologischer Anzeiger*, 242:353-366. [MORPHOLOGY]
- Willemart, R.H. & P. Gnaspini. 2004c. Spatial distribution, displacement, gregariousness and defensive behavior in the Brazilian cave harvestman *Goniosoma albiscriptum* (Arachnida, Opiliones, Laniatores). *Animal Biology*, 54:221-235. [DEFENSE AND GREGARIOUSNESS, ECOLOGY]
- Willemart, R.H. & F. Pellegatti-Franco. 2006. The spider *Enoploctenus cyclothorax* (Araneae, Ctenidae) avoids preying on the harvestman *Mischonyx cuspidatus* (Opiliones,

- Gonyleptidae). *The Journal of Arachnology*, 34:649-652. [DEFENSE AND GREGARIOUSNESS, NATURAL ENEMIES]
- Williams, G.C. 1962. Seasonal and diurnal activity of harvestmen (Phalangida) and spiders (Araneida) in contrasted habitats. *Journal of Animal Ecology*, 31:23-42. [ECOLOGY]
- Winkler, D. 1957. Die Entwicklung der äusseren Körpergestalt bei den Phalangiidae (Opiliones). *Mitteilungen aus dem Zoologischen Museum in Berlin*, 33:355-389. [MORPHOLOGY]
- Witalinski; W. & K. Zuwała. 1981. Ultrastructural studies of egg envelopes in harvestmen (Chelicerata, Opiliones). *International Journal of Invertebrate Reproduction*, 4:95-106. [MORPHOLOGY]

## Y

- Yigit, N.; A. Bayram; I. Corak & T. Danisman. 2007. External morphology of the male harvestman *Phalangium opilio* (Arachnida: Opiliones). *Annals of the Entomological Society of America*, 100:574-581. [MORPHOLOGY]
- Yoshikura, M. 1975. Comparative embryology and phylogeny of Arachnida. *Kumamoto Journal of Science, Biology*, 12:71-142. [DEVELOPMENT]

## Z

- Zanger, K. 1995. Immunocytochemical localization of lysozyme in the nephrocytes of the harvestman, *Leiobunum rotundum*. *Tissue and Cell*, 27:299-308. [MORPHOLOGY, PHYSIOLOGY]
- Zanger, K.; D.R. Dannhorn; K.A. Seitz & W. Peters. 1991. Nephrocytes of harvestmen, *Leiobunum libatum* and *L. rotundum*. *Tissue and Cell*, 23:7-15. [MORPHOLOGY, PHYSIOLOGY]
- Zingerle, V. 1999. Spider and harvestman communities along a glaciation transect in the Italian Dolomites. *The Journal of Arachnology*, 27:222-228. [ECOLOGY]