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Biography

The outstanding contributions to acarology by Prof Gilberto J. de Moraes

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Gilberto José de Moraes was born on January 28th, 1953 in Santa Bárbara D'Oeste, São Paulo State, Brazil. He graduated as “Engenheiro Agrônomo” in 1975 from Escola Superior de Agricultura “Luiz de Queiroz” (ESALQ), University of São Paulo (USP), Piracicaba, São Paulo State, Brazil and began his career in the following year as researcher at The Brazilian Agricultural Research Corporation (Embrapa). In 1976, he began his graduate research for his master’s degree in Entomology at the University of California, Riverside, United States, supervised by James McMurtry, in the area of biological control with predatory mites. He received the title of Master in 1978. From 1982 to 1985, he took the PhD Course in Entomology, again supervised by James McMurtry at the University of California, Riverside. During his PhD, he received an award in recognition of the significant contribution to research in biological control, in the student category.



In 1985, Prof. Moraes started his participation in an international project for the biological control of the green cassava mite, *Mononychellus tanajoa* (Tetranychidae), in cassava crops in Africa, in collaboration with the International Institute of Tropical Agriculture. He was the coordinator of the project in Brazil and his activities corresponded to the discovery and selection of promising natural enemies of the pest in its region of origin, to be sent to Africa. Thanks to this project, the predatory mite *Typhlodromalus aripo* (Phytoseiidae) was detected in Brazil and subsequently released in several African countries. This predatory mite adapted very well in that region and is found in cassava crops to this day. The damage caused by *M. tanajoa* was significantly reduced, and generated savings of 2,157 million dollars by reducing losses in cassava production (Neuenschwander 2004), making it one of the most successful cases of classical biological control with mites.

In 1996, after working for about 20 years at Embrapa, Prof. Moraes moved to ESALQ/USP, in the then Department of Zoology, and currently the Department of Entomology and Acarology. As a professor and trainer of human resources, he has supervised 30 undergraduate students, 35 master's degree students, 30 Ph.D. students and 10 post-docs. His undergraduate and graduate students have conducted research in the areas of mite biodiversity, taxonomy, biological control and integrated management of important and economic acarine pests. Prof. Moraes coordinated, in dissertation and thesis works, the basic and applied research that led to the registration of the four species of predatory mites that are commercialized in Brazil by biological control companies. Throughout his professional life, he always had a key role in the training of new professors and researchers, associating the thesis and dissertation works of his advisees with projects in which he has participated in Brazil, other South American, African, Asian, and even European countries. He has been the advisor or co-advisor for students from Brazil, Argentina, Austria, Benin, Colombia, Egypt, Ecuador, France, Peru, Kenya, Dominican Republic, East Timor, Togo and Venezuela, many of whom are currently making contributions to the study of mites from different aspects and corners of the world. In training these professionals, he was responsible for guiding the first acarologists in some of these countries.

The curriculum records of Prof. Moraes are impressive in terms of the quantity and quality of its intellectual production accumulated in more than four decades of service to Science: there are more than 450 complete articles published in scientific journals (about 95% with mites), 15 books, and 20 book chapters. He has already described about 290 new species and nine new genera of mites, mainly Mesostigmata. Over 45 years serving as a professor and/or researcher, Prof. Moraes acted with leadership in scientific research and technological development, bringing invaluable contributions in his area of expertise, related to the taxonomy and biological control of agricultural pests with predatory mites. In the publication commemorating the 20th anniversary of "Zootaxa" (Zhang *et al.* 2021), Gilberto José de Moraes is highlighted as being one of the authors of the first paper (Moraes & Freire 2001) and the first monograph (catalog of species) published in the Acari section of the journal, the author who published the most in the Acari section with 94 papers on mites, and one of the authors of the second (Moraes *et al.* 2004—246 citations) and fifth (Mesa *et al.* 2009—120 citations) most cited papers in the Acari section of the journal.

Prof. Moraes has also been an editorial board member of leading Acarology journals such as Systematic and Applied Acarology, and International Journal of Acarology, for many years. Since 1999, he has participated regularly as an instructor in the biannual Agricultural Acarology course that was offered by the "Ohio State University", in Columbus, and is currently offered at the "University of Arkansas", in Bentoville, United States. One of the highlights of his career was the organization of the 13th International Congress of Acarology, held in 2010, for the first time in South America, where he served as President of the conference and did everything in his power to make the conference a success. While Prof. Moraes officially retired in 2018, he continues to supervise

Ph.D. students and publish, and is also Senior Lecturer in the Department of Entomology and Acarology, as well as in the Graduate Program in Entomology at ESALQ/USP.

Based on his productive career as a research scientist, his contribution to the education of students and researchers mainly from South America, but certainly from other parts of the world, and his commitment to Acarology as a discipline, we are honored to nominate **Prof. Gilberto José de Moraes** for the James McMurtry Award.

Cited References

- Mesa, N.C., Ochoa, R., Welbourn, W.C., Evans, G.A. & Moraes, G.J. de (2009) A catalog of the Tenuipalpidae (Acari) of the World with a key to genera. *Zootaxa*, 2098(1), 1–185.
<https://doi.org/10.11646/zootaxa.2098.1.1>
- Moraes, G.J. de & Freire, R.A.P. (2001) A new species of Tenuipalpidae (Acari: Prostigmata) on orchid from Brazil. *Zootaxa*, 1(1), 1–10.
<https://doi.org/10.11646/zootaxa.1.1.1>
- Moraes, G.J. de, McMurtry, J.A., Denmark, H.A. & Campos, C.B. (2004) A revised catalog of the mite family Phytoseiidae. *Zootaxa*, 434(1), 1–494.
<https://doi.org/10.11646/zootaxa.434.1.1>
- Moraes, G.J. de, Ueckermann, E.A., Oliveira, A.R. & Yaninek, J.S. (2001) Phytoseiid mites of the genus *Euseius* (Acari: Phytoseiidae) from Sub-Saharan Africa. *Zootaxa*, 3(1), 1–70.
<https://doi.org/10.11646/zootaxa.3.1.1>
- Neuenschwander, P. (2004) Harnessing nature in Africa: biological pest control can benefit the pocket, health and the environment. *Nature*, 432, 801–802.
<https://doi.org/10.1038/432801a>
- Zhang, Z.-Q., Schatz, H., Pfingstl, T., Goldschmidt, T., Martin, P., Pešić, V., Ramírez, M., Schmidt, K.-H., Fan, Q.-H., Mironov, S., Seeman, O. & Halliday, B. (2021) Discovering and documenting Acari: the first twenty years in *Zootaxa*. *Zootaxa*, 4979(1), 115–130.
<https://doi.org/10.11646/ZOOTAXA.4979.1.13>

Moraes' References (update in April 2022)

- Moraes, G.J. de & Berti Filho, E. (1974) Coleobrocas que ocorrem em essências florestais. *Revista IPEF*, 9, 27–42.
- Moraes, G.J. de, Ikemori, Y.K. & Berti Filho, E. (1974) Controle de *Spodoptera frugiperda* (J. E. Smith, 1797) (Lepidoptera, Noctuidae) em *Eucalyptus urophila*. *O Solo*, 66(2), 49–51.
- Moraes, G.J. de, Berti Filho, E. & Gallo, D. (1975) Distribuição de *Diatraea saccharalis* F. no talhão de cana-de-açúcar. *Anais da Sociedade Entomológica do Brasil*, 4(1), 12–15.
<https://doi.org/10.37486/0301-8059.v4i1.27>
- Moraes, G.J. de, Macedo, N. & Carvalho, J.C.B. (1975) Ocorrência de *Dirphiopsis trisignata* Walker, 1885 e seu controle com *Bacillus thuringiensis* Berliner. *Revista IPEF*, 11, 43–47.
- Flechtmann, C.H.W. & Moraes, G.J. de. (1980) *McGregorella depicta* n. sp. from *Lantana camara* L. in Brazil (Prostigmata: Tetranychidae). *International Journal of Acarology*, 6(3), 201–204.
<https://doi.org/10.1080/01647958008683219>
- Moraes, G.J. de & Drumond, M.A. (1980) Surto de *Tetranychus bastosi* (Acarina; Tetranychidae) em *Cnidoscolus phyllacanthus*. *Revista Árvore*, 4(2), 227–229.
- Moraes, G.J. de & Flechtmann, C.H.W. (1980) Paralelo entre dois complexos Euphorbiaceae-Tetranychidae (Acarina) no Nordeste e Sudeste do Brasil. *Anais da Escola Superior de Agricultura Luiz de Queiroz*, 37(2), 743–745.
- Moraes, G.J. de & Ramalho, F.S. (1980) Alguns insetos associados a *Vigna unguiculata* Walp no Nordeste. *Boletim de Pesquisa, Embrapa Semi-Árido*, 1, 1–10.
- Moraes, G.J. de, Santos, J.M. & Humber, R.A. (1980) Infecção natural de *Tetranychus evansi* (Acarina: Tetranychidae) por *Triplosporium* sp. (Zygomycetes: Entomophthorales) no Nordeste. *Pesquisa em Andamento, Embrapa Semi-Árido*, 6, 1–2.

10. Moraes, G.J. de, Lima, P.C.F., Souza, S.M. & Silva, C.M.M.S. (1980) Surto de *Stiphra bitaeniata* Mello-Leitão (Orthoptera: Proscopiidae) no trópico semi-árido. *Ecossistema*, 5(1), 96–99.
11. Moraes, G.J. de, Oliveira, C.A.V., Albuquerque, M.M., Salviano, L.M.C. & Possidio, P.L. (1980) Efeito da época de infestação de *Empoasca kraemeri* Ross & Moore, 1957 (cigarrinha verde do feijoeiro) (Hom., Typhl.) na cultura de *Vigna unguiculata* Walp (feijão macassar). *Anais da Sociedade Entomológica do Brasil*, 9(1), 67–74.
<https://doi.org/10.37486/0301-8059.v9i1.205>
12. Farias, A.R.N., Flechtman, C.H.W., Moraes, G.J. de & McMurtry, J.A. (1981) Predadores do ácaro verde da mandioca, no nordeste do Brasil. *Pesquisa Agropecuária Brasileira*, 16(3), 313–317.
13. Humber, R.A., Moraes, G.J. de & Santos, J.M. (1981) Natural infection of *Tetranychus evansi* (Acarina: Tetranychidae) by *Triplosporium* sp. (Zygomycetes: Entomophthorales) in northeastern Brazil. *Entomophaga*, 26(4), 421–425.
<https://doi.org/10.1007/BF02374716>
14. Moraes, G.J. de. (1981) Ácaros e insetos associados a algumas culturas irrigadas do Sub-Médio São Francisco. *Circular Técnica, Embrapa Semi-Árido*, 4, 1–32.
15. Moraes, G.J. de & Flechtman, C.H.W. (1981) Ácaros fitófagos do Nordeste do Brasil. *Pesquisa Agropecuária Brasileira*, 16(2), 177–186.
16. Moraes, G.J. de & Leite Filho, A.S. (1981) Aspectos biológicos do ácaro vermelho do tomateiro. *Pesquisa Agropecuária Brasileira*, 16(3), 309–311.
17. Moraes, G.J. de & McMurtry, J.A. (1981) Biology of *Amblyseius citrifolius* (Denmark & Muma) (Acarina: Phytoseiidae). *Hilgardia*, 49(1), 1–29.
<https://doi.org/10.3733/hilg.v49n01p029>
18. Moraes, G.J. de & Oliveira, C.A.V. (1981) Comportamento de variedades de *Vigna unguiculata* Walp em relação ao ataque de *Empoasca kraemeri* Ross & Moore, 1957. *Anais da Sociedade Entomológica do Brasil*, 10(2), 255–259.
<https://doi.org/10.37486/0301-8059.v10i2.254>
19. Moraes, G.J. de, Magalhães, A.A. de & Oliveira, C.A.V. (1981) Resistência de variedades de *Vigna unguiculata* ao ataque de *Liriomyza sativae* (Diptera: Agramyzidae). *Pesquisa Agropecuária Brasileira*, 16(2), 219–221.
20. Moraes, G.J. de, Ramalho, F.S., Souza, S.M. & Silva, C.M.M.S. (1981) Insetos associados a sementes de forrageiras e essências florestais no trópico semi-árido do Brasil. *Pesquisa em Andamento, Embrapa Semi-Árido*, 11, 1–2.
21. Moraes, G.J. de. (1982) Controle químico de *Liriomyza sativae* Blanchard (Diptera: Agramyzidae), mosca minadora do melão. *Ecossistema*, 7, 112–114.
22. Moraes, G.J. de. (1982) Sinonímia do gênero *Stiphra* (Orthoptera: Proscopiidae). *Revista Brasileira de Biologia*, 42(1), 229–232.
23. Moraes, G.J. de. (1982) Insetos e ácaros associados a algumas culturas na região de Ouricuri-PE. Práticas de controle em uso pelos agricultores. *Boletim de Pesquisa, Embrapa Semi-Árido*, 15, 1–36.
24. Moraes, G.J. de & Normanha Filho, J.A. (1982) Surto de *Scrobipalpula absoluta* (Meyrick) em tomateiro no trópico semi-árido (Nota científica). *Pesquisa Agropecuária Brasileira*, 17(3), 503–504.
25. Moraes, G.J. de & Oliveira, J.V. (1982) Phytoseiid mites of coastal Pernambuco, in Northeastern Brazil. *Acarologia*, 23(4), 515–518.
26. Moraes, G.J. de, Denmark, H.A. & Guerrero, J.M. (1982) Phytoseiid mites of Colombia (Acarina: Phytoseiidae). *International Journal of Acarology*, 8(1), 15–22.
<https://doi.org/10.1080/01647958208683273>
27. Moraes, G.J. de, Sardana, B. & Oliveira, C.A.V. (1982) Nível de dano econômico de *Empoasca kraemeri* em *Vigna unguiculata*. *Pesquisa Agropecuária Brasileira*, 17(12), 1701–1705.
28. Souza, S.M., Moraes, G.J. de & Mello, C.A.O. (1982) Oviposição e eclosão de *Stiphra robusta* Mello-Leitão, 1939 (Orthoptera, Proscopiidae) no Trópico semi-árido do Brasil. *Silvicultura*, 8(28), 511–512.
29. Aguiar, P.A.A. & Moraes, G.J. de. (1983) Armazenamento de caupi ao nível de fazenda. *Pesquisa Agropecuária Brasileira*, 18(1), 5–9.
30. Moraes, G.J. de & Lima, H.C. (1983) Biology of *Euseius concordis* (Chant) (Acarina: Phytoseiidae), a predator of the tomato russet mite. *Acarologia*, 24(3), 251–255.
31. Moraes, G.J. de & McMurtry, J.A. (1983) Phytoseiid mites of northeastern Brazil with descriptions of four new species. *International Journal of Acarology*, 9(3), 131–148.
<https://doi.org/10.1080/01647958308683326>
32. Moraes, G.J. de, Pires, I.E., Souza, S.M., Ribaski, G. & Oliveira, C.A.V. (1983) Resistência de espécies de eucalipto ao ataque de *Stiphra* spp. (Orthoptera: Proscopiidae). *Silvicultura*, 8(32), 626–628.
33. McMurtry, J.A. & Moraes, G.J. de. (1984) Some phytoseiid mites from the South Pacific, with descriptions of new

- species and a definition of the *Amblyseius largoensis* species group. *International Journal of Acarology*, 10(1), 27–37.
<https://doi.org/10.1080/01647958408683347>
34. Cordeiro, G.G., Carvajal Garri, A.C.R., Barreto, A.N., Oliveira, C.A.V. & Moraes, G.J. de. (1985) Cultivares de tomateiro em diferentes épocas de plantio no Perímetro Irrigado de São Gonçalo. *Pesquisa Agropecuária Brasileira*, 20(10), 1191–1196.
 35. McMurtry, J.A. & Moraes, G.J. de. (1985) Some phytoseiid mites (Acari) of Papua New Guinea, with descriptions of six new species. *International Journal of Acarology*, 11(2), 75–88.
<https://doi.org/10.1080/01647958508683399>
 36. Moraes, G.J. de & McMurtry, J.A. (1985) Chemically mediated arrestment of the predaceous mite *Phytoseiulus persimilis* by extracts of *Tetranychus evansi* and *Tetranychus urticae*. *Experimental & Applied Acarology*, 1(2), 127–138.
<https://doi.org/10.1007/BF01270592>
 37. Moraes, G.J. de & McMurtry, J.A. (1985) Comparison of *Tetranychus evansi* and *T. urticae* (Acari: Tetranychidae) as prey for eight species of phytoseiid mites. *Entomophaga*, 30(4), 393–397.
<https://doi.org/10.1007/BF02372345>
 38. Moraes, G.J. de. (1986) Control biológico de acaros fitofagos. Miscelanea. *Sociedad Colombiana de Entomologia*, 8, 29–63.
 39. Moraes, G.J. de & McMurtry, J.A. (1986) Suitability of the spider mite *Tetranychus evansi* as prey for *Phytoseiulus persimilis*. *Entomologia Experimentalis et Applicata*, 40(2), 109–115.
<https://doi.org/10.1111/j.1570-7458.1986.tb00490.x>
 40. Moraes, G.J. de, Ramalho, F.S., Freire, L.C. & Oliveira, C.A.V. (1986) Artrópodos associados ao tomateiro industrial em Petrolina-PE e racionalização do uso de defensivos. *Boletim de Pesquisa, Embrapa Semi-Árido*, 28, 1–29.
 41. Moraes, G.J. de. (1987) Importance of taxonomy in biological control. *International Journal of Tropical Insect Science*, 8(4-5-6), 841–844.
<https://doi.org/10.1017/S1742758400023031>
 42. Moraes, G.J. de & McMurtry, J.A. (1987) Effect of temperature and sperm supply on the reproductive potential of *Tetranychus evansi* (Acari: Tetranychidae). *Experimental and Applied Acarology*, 3(2), 95–107.
<https://doi.org/10.1007/BF01270471>
 43. Moraes, G.J. de & McMurtry, J.A. (1987) Physiological effect of the host plant on the suitability of *Tetranychus urticae* as prey for *Phytoseiulus persimilis*. *Entomophaga*, 32(1), 35–38.
<https://doi.org/10.1007/BF02390929>
 44. Moraes, G.J. de, McMurtry, J.A. & Baker, E.W. (1987) Redescription and distribution of the spider mites *Tetranychus evansi* and *T. marianae*. *Acarologia*, 28(4), 333–343.
 45. Haji, F.N.P., Moraes, G.J. de, Lacerda, C.A. & Severo Neto, R. (1988) Controle químico do ácaro do bronzeamento do tomateiro *Aculops lycopersici* (Massee, 1937). *Anais da Sociedade Entomológica do Brasil*, 17(2), 437–442.
<https://doi.org/10.37486/0301-8059.v17i2.535>
 46. Lacerda, C.A., Moraes, G.J. de & Haji, F.N.P. (1988) Controle químico da cigarrinha verde do feijoeiro. *Anais da Sociedade Entomológica do Brasil*, 17(supl.), 133–139.
<https://doi.org/10.37486/0301-8059.v18isupl.614>
 47. Moraes, G.J. de & McMurtry, J.A. (1988) Some phytoseiid mites from Kenya, with description of three new species. *Acarologia*, 29(1), 13–18.
 48. Moraes, G.J. de & Mesa, N.C. (1988) Mites of the family Phytoseiidae (Acari) in Colombia, with descriptions of three new species. *International Journal of Acarology*, 14(2), 71–88.
<https://doi.org/10.1080/01647958808683790>
 49. Moraes, G.J. de, Mesa, N.C. & Reyes, J.A. (1988) Some phytoseiid mites (Acari: Phytoseiidae) from Paraguay, with description of a new species. *International Journal of Acarology*, 14(4), 221–223.
<https://doi.org/10.1080/01647958808683812>
 50. Moraes, G.J. de, Wanderley, L.J. & Costa, A.S. (1988) Surto de vira-cabeça na cultura de alface em Pernambuco. *Horticultura Brasileira*, 6(2), 24–25.
 51. Araújo, W.F., Moraes, G.J. de & Mergulhão, S.M.R. (1989) Seletividade de agroquímicos a Ácaros predadores em citros. *Pesquisa em Andamento, Embrapa Semi-Árido*, 57, 1–2.
 52. Moraes, G.J. de, McMurtry, J.A. & Yaninek, J.S. (1989) Some phytoseiid mites (Acari: Phytoseiidae) from tropical Africa with description of a new species. *International Journal of Acarology*, 15(2), 95–102.
<https://doi.org/10.1080/01647958908683830>
 53. Moraes, G.J. de, Severo Neto, R. & Pinto, H.C.S. (1989) Morphology, biology and pesticide resistance of *Cheleto-*

- genes ornatus* (Canestrini & Fanzago) (Acari: Cheyletidae). *Entomophaga*, 34(4), 477–484.
<https://doi.org/10.1007/BF02374385>
54. Moraes, G.J. de, McMurtry, J.A., van den Berg, H. & Yaninek, J.S. (1989) Phytoseiid mites (Acari: Phytoseiidae) of Kenya, with descriptions of five new species and complementary descriptions of eight species. *International Journal of Acarology*, 15(2), 79–93.
<https://doi.org/10.1080/01647958908683829>
 55. Moraes, G.J. de, Denmark, H.A., van den Berg, H. & Bellotti, A. (1989) Some phytoseiid mites (Acari: Phytoseiidae) from the Far East, with description of a new species. *International Journal of Acarology*, 15(3), 129–133.
<https://doi.org/10.1080/01647958908683838>
 56. McMurtry, J.A. & Moraes, G.J. de. (1989) Some phytoseiid mites from Peru, with descriptions of four new species (Acari: Phytoseiidae). *International Journal of Acarology*, 15(3), 179–188.
<https://doi.org/10.1080/01647958908683843>
 57. Noronha, A.C.S. & Moraes, G.J. de. (1989) Flutuação populacional do ácaro verde da mandioca e seus predadores fitoseídeos (Acari: Tetranychidae, Phytoseiidae) em Cruz das Almas (BA). *Revista Brasileira de Mandioca*, 8(2), 31–39.
 58. Flechtmann, C.H.W. & Moraes, G.J. de. (1991) Two new species of spider mites (Acari: Tetranychidae) from Brazil, with remarks on the pseudanal setae in Bryobiinae. *International Journal of Acarology*, 17(3), 181–185.
<https://doi.org/10.1080/01647959108683905>
 59. Araújo, W.F., Moraes, G.J. de, Delalibera Jr., I., Alencar, J.A., Mergulhão, S.M.R. & Wenzel Neto, F. (1991) Seletividade de agroquímicos a *Mononychellus tanajoa* e *Amblyseius idaeus* (Acari: Tetranychidae e Phytoseiidae). *Revista Brasileira de Mandioca*, 10(1/2), 27–30.
 60. McMurtry, J.A. & Moraes, G.J. de. (1991) Two new Phytoseiidae (Acari: Mesostigmata) from Zimbabwe with new records of other species. *International Journal of Acarology*, 17(1), 21–27.
<https://doi.org/10.1080/01647959108683882>
 61. Moraes, G.J. de, Mesa, N.C. & Braun, A. (1991) Some phytoseiid mites of Latin America (Acari: Phytoseiidae). *International Journal of Acarology*, 17(2), 117–139.
<https://doi.org/10.1080/01647959108683892>
 62. Yaninek, J.S., Megevand, B., Moraes, G.J. de, Bakker, F., Braun, A. & Herren, H. (1991) Establishment of the Neotropical predator *Amblyseius idaeus* (Acari: Phytoseiidae) in Benin, West Africa. *Biocontrol Science and Technology*, 1(4), 323–330.
<https://doi.org/10.1080/09583159109355211>
 63. McMurtry, J.A., Moraes, G.J. de & Johnson, H.G. 1991 (1992) Arrestment responses of some phytoseiid mites to extracts of *Oligonychus punicae*, *Tetranychus urticae* and pollen. *Israel Journal of Entomology*, 25–26, 29–34.
 64. Delalibera Jr., I., Sosa Gomez, D.R., Moraes, G.J. de, Alencar, J.A. & Farias Araújo, W. (1992) Infection of *Mononychellus tanajoa* (Acari: Tetranychidae) by the fungus *Neozygites* sp. (Entomophthorales) in northeastern Brazil. *Florida Entomologist*, 75(1), 145–147.
<https://doi.org/10.2307/3495493>
 65. Moraes, G.J. de. (1992) Perspectivas para o uso de predadores no controle de Ácaros fitófagos no Brasil. *Pesquisa Agropecuária Brasileira*, 27, 263–270.
 66. Moraes, G.J. de & Delalibera Jr., I. (1992) Specificity of a strain of *Neozygites* sp. (Zygomycetes: Entomophthorales) to *Mononychellus tanajoa* (Bondar) (Acari: Tetranychidae). *Experimental and Applied Acarology*, 14, 89–94.
<https://doi.org/10.1007/BF01219101>
 67. Pallini Filho, A., Moraes, G.J. de & Bueno, V.H.P. (1992) Ácaros associados ao caféiro (*Coffea arabica* L.) no sul de Minas Gerais. *Ciência e Prática*, 16(3), 303–307.
 68. Silva, C.A.D., Lourenção, A.L. & Moraes, G.J. de. (1992) Resistência de tomateiros ao ácaro vermelho, *Tetranychus evansi* Baker & Pritchard (Acari: Tetranychidae). *Anais da Sociedade Entomológica do Brasil*, 21(1), 147–156.
<https://doi.org/10.37486/0301-8059.v21i1.749>
 69. Braun, A.R., Mesa, N.C., Cuellar, M.E., Melo, E.L. & Moraes, G.J. de. (1993) Biosystematics of phytoseiid mites (Acari: Phytoseiidae) associated with cassava. *Experimental and Applied Acarology*, 17(4), 205–213.
<https://doi.org/10.1007/BF00118437>
 70. Ghini, R., Bettiol, W., Spadotto, C.A., Moraes, G.J. de, Paraíba, L.C. & Mineiro, J.L.C. (1993) Soil solarization for the control of tomato and eggplant *Verticillium* wilt and its effect on weed and micro-arthropod communities. *Summa Phytopatologica*, 19(3/4), 183–189.
 71. Moraes, G.J. de, Alencar, J.A., Lima, J.L.S., Yaninek, J.S. & Delalibera Jr., I. (1993) Alternative plant habitats for

- common phytoseiid predators of the cassava green mite (Acari: Phytoseiidae, Tetranychidae) in northeast Brazil. *Experimental and Applied Acarology*, 17(1/2), 77–90.
<https://doi.org/10.1007/BF00156945>
72. Bettiol, W., Moraes, G.J. de, Steulla Jr., C.S., Nicolino, C. & Galvão, J.A.H. (1994) Controle de verrugose, melanose e leprose em laranja pera, com fungicidas e acaricida em mistura com adubo foliar. *Scientia Agricola*, 51(3), 494–499.
<https://doi.org/10.1590/S0103-90161994000300020>
 73. Moraes, G.J. de, Silva, C.A.D. & Moreira, A.N. (1994) Biology of a strain of *Neoseiulus idaeus* Denmark & Muma (Acari: Phytoseiidae) from southwestern Brazil. *Experimental and Applied Acarology*, 18(4), 213–220.
 74. Moraes, G.J. de, Mesa, N.C., Braun, A. & Melo, E.L. (1994) Definition of the *Amblyseius limonicus* species group (Acari: Phytoseiidae), with descriptions of two new species and new records. *International Journal of Acarology*, 20(3), 209–217.
<https://doi.org/10.1080/01647959408684019>
 75. Noronha, A.C.S., Eloy, A.M.M., Carvalho, J.E.B., Carvalho, P.C.L. & Moraes, G.J. de. (1994) Artrópodos associados às plantas daninhas na cultura da mandioca na Bahia. *Pesquisa Andamento, Embrapa Mandioca e Fruticultura*, 28, 1–3.
 76. Watanabe, M.A., Moraes, G.J. de, Gastaldo Jr., I. & Nicolella, G. (1994) Controle biológico do Ácaro rajado com Ácaros predadores fitoseiídeos (Acari: Tetranychidae, Phytoseiidae) em culturas de pepino e morango. *Scientia Agricola*, 51(1), 75–81.
<https://doi.org/10.1590/S0103-90161994000100012>
 77. Moraes, G.J. de, Moreira, A.N. & Delalibera Jr., I. (1995) Growth of the mite *Mononychellus tanajoa* (Acari: Tetranychidae) on alternative plant hosts in northeastern Brazil. *Florida Entomologist*, 78(2), 350–353.
<https://doi.org/10.2307/3495907>
 78. Noronha, A.C.S., Moraes, G.J. de & Ciociola, A.I. (1995) Biologia de *Amblyseius manihoti* Moraes sobre *Mononychellus tanajoa* (Bondar) (Acari: Phytoseiidae: Tetranychidae) em variedades de mandioca. *Anais da Sociedade Entomológica do Brasil*, 24(2), 305–313.
<https://doi.org/10.37486/0301-8059.v24i2.1031>
 79. Noronha, A.C.S., Moraes, G.J. de & Ciociola, A.I. (1995) Biologia de *Mononychellus tanajoa* (Bondar) (Acari: Tetranychidae) em variedades de mandioca. *Anais da Sociedade Entomológica do Brasil*, 24(3), 489–494.
<https://doi.org/10.37486/0301-8059.v24i3.1055>
 80. Noronha, A.C.S., Moraes, G.J. de & Smith, L. (1995) Introdução de ácaros predadores da família Phytoseiidae para o controle biológico do ácaro verde da mandioca *Mononychellus tanajoa* (Bondar) no Nordeste do Brasil. *Pesquisa em Andamento, Embrapa Mandioca e Fruticultura*, 34, 1–3.
 81. Oduor, G.I., Moraes, G.J. de, Yaninek, J.S. & van der Geest, L.P.S. (1995) Effect of temperature, humidity and photoperiod on mortality of *Mononychellus tanajoa* (Acari: Tetranychidae) infected by *Neozygites* cf. *floridana* (Zygomycetes: Entomophthorales). *Experimental and Applied Acarology*, 19(10), 571–579.
<https://doi.org/10.1007/BF00048812>
 82. Oduor, G.I., Yaninek, J.S., van der Geest, L.P.S. & Moraes, G.J. de. (1995) Survival of *Neozygites* cf. *floridana* (Zygomycetes: Entomophthorales) in mummified cassava green mites and the viability of its primary conidia. *Experimental and Applied Acarology*, 19(9), 479–488.
<https://doi.org/10.1007/BF00052916>
 83. Furtado, I.P., Moraes, G.J. de & Keller, S. (1996) Infection of *Euseius citrifolius* (Acari: Phytoseiidae) by an entomophthoralean fungus in Brazil. *Ecossistema*, 21, 85–86.
 84. Gondim Jr., M.G.C., Moraes, G.J. de, Oliveira, J.V., Barros, R. & Pereira, J.L.L. (1996) Biologia de *Neoseiulus anonymus* (Acari: Phytoseiidae). *Anais da Sociedade Entomológica do Brasil*, 25(3), 451–455.
<https://doi.org/10.37486/0301-8059.v25i3.1159>
 85. Oduor, G.I., Moraes, G.J. de, van der Geest, L.P.S. & Yaninek, J.S. (1996) Production and germination of primary conidia of *Neozygites floridana* (Zygomycetes: Entomophthorales) under constant temperatures, humidities, and photoperiods. *Journal of Invertebrate Pathology*, 68(3), 213–222.
<https://doi.org/10.1006/jipa.1996.0088>
 86. Oduor, G.I., Yaninek, J.S., van der Geest, L.P.S. & Moraes, G.J. de. (1996) Germination and viability of capilliconidia of *Neozygites floridana* (Zygomycetes: Entomophthorales) under constant temperature, humidity and light conditions. *Journal of Invertebrate Pathology*, 67(3), 267–278.
<https://doi.org/10.1006/jipa.1996.0042>
 87. Rodrigues, G.S., Paraíba, L.C. & Moraes, G.J. de. (1996) Pairwise association as a criterion for the selection of collection sites of natural enemies of the cassava green mite, *Mononychellus tanajoa* (Bondar). *Scientia Agricola*,

- 53(2/3), 324–331.
<https://doi.org/10.1590/S0103-90161996000200022>
88. Kreiter, S. & Moraes, G.J. de. (1997) Phytoseiid mites (Acari: Phytoseiidae) from Guadeloupe and Martinique. *Florida Entomologist*, 80(3), 376–382.
<https://doi.org/10.2307/3495770>
 89. Moraes, G.J. de & Flechtmann, C.H.W. (1997) A second species of *Beerella* (Acari: Tetranychidae) from Brazil. *International Journal of Acarology*, 23(3), 191–194.
<https://doi.org/10.1080/01647959708683562>
 90. Moraes, G.J. de, Melo, E.L. & Gondim Jr., M.G.C. (1997) Description of a new species of phytoseiid mite from northeastern Brazil and redescription of *Neoseiulus gracilis* (Acari: Phytoseiidae). *Florida Entomologist*, 80(3), 319–324.
<https://doi.org/10.2307/3495765>
 91. Oduor, G.I., Yaninek, J.S., Moraes, G.J. de & van der Geest, L.P.S. (1997) The effect of pathogen dosage on the pathogenicity of *Neozygites floridana* (Zygomycetes: Entomophthorales) to *Mononychellus tanajoa* (Acari: Tetranychidae). *Journal of Invertebrate Pathology*, 70(2), 127–130.
<https://doi.org/10.1006/jipa.1997.4666>
 92. Tamai, M.A., Moraes, G.J. de, Silva, C.A.D. & Nunes, A.M. (1997) Suitability of *Brevipalpus obovatus* as prey to *Neoseiulus idaeus* (Acari: Tenuipalpidae, Phytoseiidae) on cassava. *Systematic & Applied Acarology*, 2(1), 101–106.
<https://doi.org/10.11158/saa.2.1.13>
 93. Watanabe, M.A., De Nardo, E.A.B., Moraes, G.J. de & Marigo, A.L.S. (1997) Avaliação do efeito do *Baculovirus anticarsia* sobre *Podisus nigrispinus* (Dallas, 1851), predador da lagarta da soja *Anticarsia gemmatilis* (Hubner, 1818). *Pesquisa em Andamento, Embrapa Meio Ambiente*, 1, 1–4.
 94. Ehara, S. & Moraes, G.J. de. (1998) A new species of *Amblyseius* (*Euseius*) (Acari: Phytoseiidae) from citrus in Uruguay. *Entomological Science*, 1(1), 59–61.
 95. Feres, R.J.F. & Moraes, G.J. de. (1998) Phytoseiid mites (Acari: Phytoseiidae) from woody areas in the State of São Paulo, Brazil. *Systematic & Applied Acarology*, 3(1), 125–132.
<https://doi.org/10.11158/saa.3.1.20>
 96. Ferla, N.J. & Moraes, G.J. de. (1998) Ácaros predadores em pomares de maçã no Rio Grande do Sul. *Anais da Sociedade Entomológica do Brasil*, 27(4), 649–654.
<https://doi.org/10.1590/S0301-80591998000400019>
 97. Furtado, I.P. & Moraes, G.J. de. (1998) Biology of *Euseius citrifolius*, a candidate for the biological control of *Mononychellus tanajoa* (Acari: Phytoseiidae, Tetranychidae). *Systematic & Applied Acarology*, 3(1), 43–48.
<https://doi.org/10.11158/saa.3.1.6>
 98. Nascimento, M.L., Capalbo, D.F., Moraes, G.J. de, De Nardo, E.A.B., Maia, A.H.N. & Oliveira, R.C.A.L. (1998) Effect of a formulation of *Bacillus thuringiensis* Berliner var. *kurstaki* on *Podisus nigrispinus* Dallas (Heteroptera: Pentatomidae: Asopinae). *Journal of Invertebrate Pathology*, 72(2), 178–180.
<https://doi.org/10.1006/jipa.1998.4767>
 99. Návía, D., Flechtmann, C.H.W. & Moraes, G.J. de. (1998) Avaliação de risco de introdução de ácaros fitófagos associados à cultura da uva no Brasil. *Documentos, Embrapa Recursos Genéticos e Biotecnologia*, 32, 1–51.
 100. Reis, P.R., Chiavegato, L.G., Moraes, G.J. de, Alves, E.B. & Sousa, E.O. (1998) Seletividade de agroquímicos ao ácaro predador *Iphiseiodes zuluagai* Denmark & Muma (Acari: Phytoseiidae). *Anais da Sociedade Entomológica do Brasil*, 27(2), 265–274.
<https://doi.org/10.1590/S0301-80591998000200013>
 101. Bento, J.M.S., Moraes, G.J. de, Bellotti, A.C., Castillo, J.A., Warumby, J.F. & Lapointe, S.L. (1999) Introduction of parasitoids for the control of the cassava mealybug *Phenacoccus herreni* (Hemiptera: Pseudococcidae) in north-eastern Brazil. *Bulletin of Entomological Research*, 89(5), 403–410.
<https://doi.org/10.1017/S000748539900053X>
 102. Bonato, O., Noronha, A.C.S. & Moraes, G.J. de. (1999) Distribution et échantillonnage des populations de *Amblyseius manihoti* Moraes (Acari, Phytoseiidae) sur manioc au Brésil. *Journal of Applied Entomology*, 123(9), 541–546.
<https://doi.org/10.1046/j.1439-0418.1999.00421.x>
 103. Delalibera Jr., I., Moraes, G.J. de & Sosa Gomez, D.R. (1999) Epizootias de *Neozygites floridana* (Zygomycetes, Entomophthorales) e dinâmica populacional de ácaros fitoseídeos predadores de *Mononychellus tanajoa* (Acari, Phytoseiidae e Tetranychidae) na Bahia. *Revista Brasileira de Entomologia*, 43(3/4), 287–291.
 104. Flechtmann, C.H.W., Kreiter, S., Etienne, J. & Moraes, G.J. de. (1999) Plant mites (Acari) of the French Antilles.

1. Tetranychoida (Prostigmata). *Acarologia*, 40(2), 137–144.
105. Flechtman, C.H.W., Kreiter, S., Etienne, J. & Moraes, G.J. de. (1999) Plant mites (Acari) of the French Antilles. 2. Tarsonemidae and Tydeidae (Prostigmata). *Acarologia*, 40(2), 145–146.
106. Husband, R.W. & Moraes, G.J. de. (1999) A new species of *Chrysomelobia* (Acari: Podapolipidae) from *Platyphora testudo* (Demay) (Coleoptera: Chrysomelidae) from Peru, with a key to known species of the genus. *International Journal of Acarology*, 25(4), 309–315.
<https://doi.org/10.1080/01647959908684169>
107. Moraes, G.J. de & Denmark, H.A. (1999) The genus *Proprioseius* Chant (Acari: Phytoseiidae), with descriptions of two new species from Brazil. *Systematic & Applied Acarology*, 4(1), 97–102.
<https://doi.org/10.11158/saa.4.1.14>
108. Moraes, G.J. de, Husband, R.W. & Lofego, A.C. (1999) A new species of *Chrysomelobia* (Acari: Podapolipidae) from Central America. *Systematic & Applied Acarology*, 4(1), 131–136.
<https://doi.org/10.11158/saa.4.1.19>
109. Navajas, M., Lagnel, J., Fauvel, G. & Moraes, G.J. de. (1999) Sequence variation of ribosomal internal transcribed spacers (ITS) in commercially important Phytoseiidae mites. *Experimental and Applied Acarology*, 23(11), 851–859.
<https://doi.org/10.1023/A:1006251220052>
110. Bonato, O., Noronha, A.C.S., Moraes, G.J. de & Lucchini, F. (2000) Estrutura etária e flutuação populacional de *Amblyseius manihoti* (Acari: Phytoseiidae) sobre mandioca. *Revista Científica Rural*, 5(1), 56–61.
111. Delalibera Jr., I., Moraes, G.J. de, Lapointe, S.L., Silva, C.A.D. & Tamai, M.A. (2000) Temporal variability and progression of *Neozygites* sp. (Zygomycetes: Entomophthorales) in populations of *Mononychellus tanajoa* (Bondar) (Acari: Tetranychidae). *Anais da Sociedade Entomológica do Brasil*, 29(3), 523–535.
<https://doi.org/10.1590/S0301-80592000000300015>
112. Elliot, S.L., Moraes, G.J. de, Delalibera Jr., I., Silva, C.A.D., Tamai, M.A. & Mumford, J.D. (2000) Potential of the mite-pathogenic fungus *Neozygites floridana* (Entomophthorales: Neozygiteaceae) for control of the cassava green mite *Mononychellus tanajoa* (Acari: Tetranychidae). *Bulletin of Entomological Research*, 90(3), 191–200.
<https://doi.org/10.1017/S0007485300000316>
113. Flechtman, C.H.W., Kreiter, S., Etienne, J. & Moraes, G.J. de. (1999) Plant mites (Acari) of the French Antilles. 4. Eriophyidae (Prostigmata). *Acarologia*, 40(3), 321–342.
114. Flechtman, C.H.W., Kreiter, S., Etienne, J. & Moraes, G.J. de. (1999) Plant mites of the French Antilles. 5. Stigmaeidae (Prostigmata). *Acarologia*, 40(4), 401–406.
115. Moraes, G.J. de, Kreiter, S. & Lofego, A.C. (1999). Plant mites (Acari) of the French Antilles. 3. Phytoseiidae (Gamasida). *Acarologia*, 40(3), 237–264.
116. Gondim Jr., M.G.C., Flechtman, C.H.W. & Moraes, G.J. de. (2000) Mite (Arthropoda: Acari) associates of palms (Arecaceae) in Brazil. IV. Descriptions of four new species in the Eriophyoidea. *Systematic & Applied Acarology*, 5(1), 99–110.
<https://doi.org/10.11158/saa.5.1.12>
117. Gondim Jr., M.G.C., Moraes, G.J. de & McMurtry, J.A. (2000) A new species of *Cocoseius* (Acari: Phytoseiidae) from Brazil and redefinition of the genus. *Annals of the Entomological Society of America*, 93(6), 1226–1229.
[https://doi.org/10.1603/0013-8746\(2000\)093%5B1226:ANSOCA%5D2.0.CO;2](https://doi.org/10.1603/0013-8746(2000)093%5B1226:ANSOCA%5D2.0.CO;2)
118. Leite, L.G., Smith, L., Moraes, G.J. de & Roberts, D.W. (2000) In vitro production of hyphal bodies of the mite pathogenic fungus *Neozygites floridana*. *Mycologia*, 92(2), 201–207.
<https://doi.org/10.1080/00275514.2000.12061145>
119. Lofego, A.C., Moraes, G.J. de & McMurtry, J.A. (2000) Three new species of phytoseiid mites (Acari: Phytoseiidae) from Brazil. *Anais da Sociedade Entomológica do Brasil*, 29(3), 461–467.
<https://doi.org/10.1590/S0301-80592000000300008>
120. Lourenção, A.L., Moraes, G.J. de, Passos, F.A., Ambrosano, G.M.B. & Silva, L.V.F. (2000) Resistência de morangueiros a *Tetranychus urticae* Koch (Acari: Tetranychidae). *Anais da Sociedade Entomológica do Brasil*, 29(2), 339–346.
<https://doi.org/10.1590/S0301-80592000000200016>
121. Pontier, K.J.B., Moraes, G.J. de & Kreiter, S. (2000) Biology of *Tenuipalpus heveae* (Acari: Tenuipalpidae) on rubber tree leaves. *Acarologia*, 41(4), 423–427.
122. Tanzini, M.R., Alves, S.B., Tamai, M.A., Moraes, G.J. de & Ferla, N.J. (2000) An epizootic of *Calacarus heveae* (Acari: Eriophyidae) caused by *Hirsutella thompsonii* on rubber trees. *Experimental and Applied Acarology*, 24(2), 141–144.
<https://doi.org/10.1023/a:1006303419987>

123. Ferreira, D.N.M., Flechtman, C.H.W. & Moraes, G.J. de. (2001) Avaliação de risco de introdução de ácaros fitófagos associados à cultura da maçã no Brasil. *Documentos, Embrapa Recursos Genéticos e Biotecnologia*, 57, 1–83.
124. Flechtman, C.H.W. & Moraes, G.J. de. (2001) A new species of *Hystrichonychus* (Acari: Tetranychidae) from Brazil. *International Journal of Acarology*, 27(1), 45–47.
<https://doi.org/10.1080/01647950108684223>
125. Flechtman, C.H.W., Moraes, G.J. de & Barbosa, F.R. (2001) A new species of *Calacarus* Keifer (Acari: Eriophyidae) on papaya in northeastern Brazil. *Zootaxa*, 5(1), 1–5.
<https://doi.org/10.11646/zootaxa.5.1.1>
126. Gondim Jr., M.G.C. & Moraes, G.J. de. (2001) Phytoseiid mites (Acari: Phytoseiidae) associated with palm trees (Arecaceae) in Brazil. *Systematic & Applied Acarology*, 6(1), 65–94.
<https://doi.org/10.11158/saa.6.1.11>
127. Mineiro, J.L.C. & Moraes, G.J. de. (2001) Gamasida (Arachnida: Acari) edáficos de Piracicaba, Estado de São Paulo. *Neotropical Entomology*, 30(3), 379–385.
<https://doi.org/10.1590/S1519-566X2001000300007>
128. Moraes, G.J. de & Freire, R.A.P. (2001) A new species of Tenuipalpidae (Acari: Prostigmata) on orchid from Brazil. *Zootaxa*, 1(1), 1–10.
<https://doi.org/10.11646/zootaxa.1.1.1>
129. Moraes, G.J. de, Oliveira, A.R. & Zannou, I.D. (2001) New phytoseiid mites (Acari: Phytoseiidae) from tropical Africa. *Zootaxa*, 8(1), 1–10.
<https://doi.org/10.11646/zootaxa.8.1.1>
130. Moraes, G.J. de, Ueckermann, E.A., Oliveira, A.R. & Yaninek, J.S. (2001) Phytoseiid mites of the genus *Euseius* (Acari: Phytoseiidae) from Sub-Saharan Africa. *Zootaxa*, 3(1), 1–70.
<https://doi.org/10.11646/zootaxa.3.1.1>
131. Návila, D., Flechtman, C.H.W. & Moraes, G.J. de. (2001) Importância quarentenária dos ácaros para culturas frutíferas no Brasil. In: Sá, L.A.N. & Moraes, G.J. de (Eds.), Ácaros de importância quarentenária. *Documentos, Embrapa Meio Ambiente*, 25, 9–19.
132. Oliveira, A.R., Moraes, G.J. de, Demétrio, C.G.B. & Nardo, E.A.B. (2001) Efeito do vírus da poliedrose nuclear de *Anticarsia gemmatilis* sobre Oribatida edáficos (Arachnida: Acari) em um campo de soja. *Boletim de Pesquisa, Embrapa Meio Ambiente*, 13, 1–32.
133. Oliveira, A.R., Prieto, D. & Moraes, G.J. de. (2001) Some oribatid mites (Acari: Oribatida) from the State of São Paulo, Brazil. *Revista Brasileira de Zoologia*, 18(Supl. 1), 219–224.
<https://doi.org/10.1590/S0101-81752001000500017>
134. Sato, M.E., Raga, A., Cerávol, L.C., Rossi, A.C. & Moraes, G.J. de. (2001) Effect of insecticides and fungicides on the interaction between members of the mite families Phytoseiidae and Stigmaeidae on citrus. *Experimental and Applied Acarology*, 25(10), 809–818.
<https://doi.org/10.1023/A:1020483515516>
135. Zacarias, M.S. & Moraes, G.J. de. (2001) Phytoseiid mites (Acari) associated with rubber trees and other euphorbiaceous plants in southeastern Brazil. *Neotropical Entomology*, 30(4), 579–586.
<https://doi.org/10.1590/S1519-566X2001000400011>
136. Zacarias, M.S. & Moraes, G.J. de. (2001) Two new species of Phytoseiidae mites (Acari: Phytoseiidae) from the State of São Paulo, Brazil. *Systematic & Applied Acarology*, 6(1), 95–100.
<https://doi.org/10.11158/saa.6.1.12>
137. Arruda Filho, G.P. & Moraes, G.J. de. (2002) Grupos de ácaros (Arthropoda, Acari) encontrados em Arecaceae da Mata Atlântica do Estado de São Paulo. *Biota Neotropica*, 2(1), 1–18.
<https://doi.org/10.1590/S1676-06032002000100007>
138. De Vis, R.M.J. & Moraes, G.J. de. (2002) A new species of *Panonychus* (Acari: Tetranychidae) from Peru. *Zootaxa*, 48(1), 1–6.
<https://doi.org/10.11646/zootaxa.48.1.1>
139. Elliot, S.L., Moraes, G.J. de & Mumford, J.D. (2002) Importance of ambient saturation deficits in an epizootic of the fungus *Neozygites floridana* in cassava green mites (*Mononychellus tanajoa*). *Experimental and Applied Acarology*, 27(1–2), 11–25.
<https://doi.org/10.1023/A:1021556908382>
140. Elliot, S.L., Mumford, J.D., Moraes, G.J. de & Sabelis, M.W. (2002) Age-dependent rates of infection of cassava green mites by a fungal pathogen in Brazil. *Experimental and Applied Acarology*, 27(3), 169–180.
<https://doi.org/10.1023/A:1021644321360>

141. Ferla, N.J. & Moraes, G.J. de. (2002) Ácaros (Arachnida, Acari) da seringueira (*Hevea brasiliensis* Muell. Arg.) no Estado do Mato Grosso, Brasil. *Revista Brasileira de Zoologia*, 19(3), 867–888.
<https://doi.org/10.1590/S0101-81752002000300025>
142. Ferla, N.J. & Moraes, G.J. de. (2002) Ácaros predadores (Acari) em plantas nativas e cultivadas do Estado do Rio Grande do Sul. *Revista Brasileira de Zoologia*, 19(4), 1011–1031.
<https://doi.org/10.1590/S0101-81752002000400006>
143. Flechtmann, C.H.W. & Moraes, G.J. de. (2002) New Brazilian eriophyid mites (Acari: Eriophyidae). *Zootaxa*, 75(1), 1–12.
<https://doi.org/10.11646/zootaxa.75.1.1>
144. Flechtmann, C.H.W. & Moraes, G.J. de. (2002) Three new species of eriophyid mites (Acari: Eriophyidae) from the State of São Paulo, Brazil. *Zootaxa*, 23, 1–8.
<https://doi.org/10.11646/zootaxa.23.1.1>
145. Gondim Jr., G.J. de & Moraes, G.J. de. (2002) Compatibilidade reprodutiva de duas populações de *Iphiseiodes zuluagai* Denmark & Muma (Acari: Phytoseiidae). *Neotropical Entomology*, 31(2), 181–186.
<https://doi.org/10.1590/S1519-566X2002000200003>
146. Hountondji, F.C.C., Yaninek, J.S., Moraes, G.J. de & Oduor, G.I. (2002) Host specificity of the cassava green mite pathogen *Neozygites floridana*. *BioControl*, 47(1), 61–66.
<https://doi.org/10.1023/A:1014438220511>
147. Mineiro, J.L.C. & Moraes, G.J. de. (2002) Actiniedida e Acaridida (Arachnida: Acari) edáficos de Piracicaba, Estado de São Paulo. *Neotropical Entomology*, 31(1), 67–73.
<https://doi.org/10.1590/S1519-566X2002000100010>
148. Moraes, G.J. de, Lindquist, E.E. & Lofego, A.C. (2002) A new genus and species of tasonemid mite (Acari: Taronemidae) associated with a neotropical curculionid beetle (Coleoptera). *Invertebrate Systematics*, 16(5), 687–695.
<https://doi.org/10.1071/IT01030>
149. Noronha, A.C.S. & Moraes, G.J. de. (2002) Compatibilidade reprodutiva entre populações de *Euseius citrifolius* Denmark & Muma (Acari: Phytoseiidae). *Neotropical Entomology*, 31(4), 531–536.
<https://doi.org/10.1590/S1519-566X2002000400004>
150. Noronha, A.C.S. & Moraes, G.J. de. (2002) Variações morfológicas intra e interpopulacionais de *Euseius citrifolius* Denmark & Muma e *Euseius concordis* (Chant) (Acari, Phytoseiidae). *Revista Brasileira de Zoologia*, 19(4), 1111–1122.
<https://doi.org/10.1590/S0101-81752002000400016>
151. van der Geest, L.P.S., Moraes, G.J. de, Návila, D. & Tanzini, M.R. (2002) New records of pathogenic fungi in mites (Arachnida: Acari) from Brazil. *Neotropical Entomology*, 31(3), 493–495.
<https://doi.org/10.1590/S1519-566X2002000300025>
152. Zacarias, M.S. & Moraes, G.J. de. (2002) Mite diversity (Arthropoda: Acari) on euphorbiaceous plants in three localities in the State of São Paulo. *Biota Neotropica*, 2(2), 1–12.
<https://doi.org/10.1590/S1676-06032002000200004>
153. Zannou, I.D., Moraes, G.J. de & Hanna, R. (2002) New species of phytoseiid mites from Mozambique and Malawi. *Zootaxa*, 79(1), 1–6.
<https://doi.org/10.11646/zootaxa.79.1.1>
154. Arruda Filho, G.P. & Moraes, G.J. de. (2003) Stigmaeidae mites (Acari: Raphignathoidea) from Arecaceae of the Atlantic Forest in São Paulo State, Brazil. *Neotropical Entomology*, 32(1), 49–57.
<https://doi.org/10.1590/S1519-566X2003000100007>
155. Ferla, N.J. & Moraes, G.J. de. (2003) Biologia de *Agistemus floridanus* Gonzalez (Acari, Stigmaeidae). *Revista Brasileira de Zoologia*, 20(2), 261–264.
<https://doi.org/10.1590/S0101-81752003000200015>
156. Ferla, N.J. & Moraes, G.J. de. (2003) Ciclo biológico de *Calacarus heveae* Feres, 1992 (Acari, Eriophyidae). *Revista Brasileira de Entomologia*, 47(3), 399–402.
<https://doi.org/10.1590/S0085-56262003000300006>
157. Ferla, N.J. & Moraes, G.J. de. (2003) Efeito de diferentes concentrações de acaricidas e inseticidas-acaricidas sobre *Calacarus heveae* Feres, 1992 e *Tenuipalpus heveae* Baker, 1945 (Acari: Eriophyidae e Tenuipalpidae). *Acta Biologica Leopoldinensis*, 25(2), 179–185.
158. Ferla, N.J. & Moraes, G.J. de. (2003) Oviposição dos ácaros predadores *Agistemus floridanus* Gonzalez, *Euseius concordis* (Chant) e *Neoseiulus anonymus* (Chant & Baker) (Acari) em resposta a diferentes tipos de alimento. *Revista Brasileira de Zoologia*, 20(1), 153–155.

- <https://doi.org/10.1590/S0101-81752003000100019>
159. Flechtmann, C.H.W. & Moraes, G.J. de. (2003) New genus and species of eriophyid mites (Acari, Eriophyidae) from Myrtaceae in Brazil, with notes on damages caused by *Aculus pitangae* Boczek & Davis. *Zootaxa*, 153(1), 1–10.
<https://doi.org/10.11646/zootaxa.153.1.1>
 160. Gondim Jr., M.G.C. & Moraes, G.J. de. (2003) Life cycle of *Retracrus johnstoni* Keifer (Acari: Phytoseiidae). *Neotropical Entomology*, 32(2), 197–201.
<https://doi.org/10.1590/S1519-566X2003000200002>
 161. Lofego, A.C. & Moraes, G.J. de. (2003) Two new species of *Neoseiulus* Hughes (Acari: Phytoseiidae) from Brazil. *International Journal of Acarology*, 29(2), 113–117.
<https://doi.org/10.1080/01647950308683647>
 162. Moraes, G.J. de, McMurtry, J.A. & Mineiro, J.L.C. (2003) A new genus and species of phytoseiid mite (Acari: Phytoseiidae) from Brazil. *International Journal of Acarology*, 29(1), 47–54.
<https://doi.org/10.1080/01647950308684320>
 163. Noronha, A.C.S., Mota, A., Moraes, G.J. de & Coutinho, L.L. (2003) Caracterização molecular de populações de *Euseius citrifolius* Denmark & Muma e *Euseius concordis* (Chant) (Acari: Phytoseiidae) utilizando o sequenciamento das regiões ITS1 e ITS2. *Neotropical Entomology*, 32(4), 591–596.
<https://doi.org/10.1590/S1519-566X2003000400009>
 164. Alves, L.F.A., Spongowski, S., Vieira, F.N.S. & Moraes, G.J. de. (2004) Biologia e danos de *Oligonychus yotheresi* (McGregor) (Acari: Tetranychidae) em *Ilex paraguariensis*. *Arquivos do Instituto Biológico*, 71(2), 211–214.
 165. Fiaboe, K.K.M., Moraes, G.J. de & Gondim Jr., M.G.C. (2004) A new genus and a new species of phytoseiid mite (Acari: Phytoseiidae) from northeastern Brazil. *Zootaxa*, 599(1), 1–4.
<https://doi.org/10.11646/zootaxa.599.1.1>
 166. Lofego, A.C., Moraes, G.J. de & Castro, L.A.S. (2004) Phytoseiid mites (Acari: Phytoseiidae) on Myrtaceae in the State of São Paulo, Brazil. *Zootaxa*, 516(1), 1–18.
<https://doi.org/10.11646/zootaxa.516.1.1>
 167. Moraes, G.J. de, Lopes, P.C., Fernando, L.C.P. (2004) Phytoseiid mites (Acari: Phytoseiidae) of coconut growing areas in Sri Lanka, with descriptions of three new species. *Journal of the Acarological Society of Japan*, 13(2), 141–160.
 168. Moraes, G.J. de, McMurtry, J.A., Denmark, H.A. & Campos, C.B. (2004) A revised catalog of the mite family Phytoseiidae. *Zootaxa*, 434(1), 1–494.
<https://doi.org/10.11646/zootaxa.434.1.1>
 169. Noronha, A.C.S. & Moraes, G.J. de. (2004) Reproductive compatibility between mite populations previously identified as *Euseius concordis* (Acari: Phytoseiidae). *Experimental and Applied Acarology*, 32(4), 271–279.
<https://doi.org/10.1023/b:appa.0000023238.18352.6c>
 170. Silva, E.S., Moraes, G.J. de & Krantz, G.W. (2004) Diversity of edaphic rhodacaroid mites (Acari: Mesostigmata: Rhodacaroida) in natural ecosystems in the State of São Paulo, Brazil. *Neotropical Entomology*, 33(4), 547–555.
<https://doi.org/10.1590/S1519-566X2004000500002>
 171. Bellini, M.R., Feres, R.J.F. & Moraes, G.J. de. (2005) Additional morphological characters and a new host for *Aceria gymnoscuta* Navia & Flechtmann (Acari, Eriophyidae). *Revista Brasileira de Zoologia*, 22(2), 511–513.
<https://doi.org/10.1590/S0101-81752005000200031>
 172. Bellini, M.R., Moraes, G.J. de & Feres, R.J. (2005) Ácaros (Acari) de dois sistemas de cultivo da seringueira no noroeste do Estado de São Paulo. *Neotropical Entomology*, 34(3), 475–484.
<https://doi.org/10.1590/S1519-566X2005000300017>
 173. Bellini, M.R., Moraes, G.J. de & Feres, R.J.F. (2005) Plantas de ocorrência espontânea como substratos alternativos para fitoseídeos (Acari, Phytoseiidae) em cultivos de seringueira *Hevea brasiliensis* Muell. Arg. (Euphorbiaceae). *Revista Brasileira de Zoologia*, 22(1), 35–42.
<https://doi.org/10.1590/S0101-81752005000100005>
 174. Furtado, I.P., Kreiter, S., Moraes, G.J. de, Tixier, M.S., Flechtmann, C.H.W. & Knapp, M. (2005) Plant mites (Acari) from northeastern Brazil, with descriptions of two new species of the family Phytoseiidae (Mesostigmata). *Acarologia*, 45(2–3), 131–143.
 175. Lofego, A.C. & Moraes, G.J. de. (2005) Taxa de oviposição dos predadores *Amblyseius acalyphus* e *Amblyseius neochiapensis* (Acari: Phytoseiidae) com diferentes tipos de alimento. *Arquivos do Instituto Biológico*, 72(3), 379–382.
<https://doi.org/10.1590/1808-1657v72p3792005>
 176. Lofego, A.C., Ochoa, R. & Moraes, G.J. de. (2005) Some tarsonemid mites (Acari: Tarsonemidae) from the Bra-

- zilian "Cerrado" vegetation with the description of three new species. *Zootaxa*, 823(1), 1–27.
<https://doi.org/10.11646/zootaxa.823.1.1>
177. Navia, D., Moraes, G.J. de, Navia, D., Lofego, A.C. & Flechtmann, C.H.W. (2005) Acarofauna associada a frutos de coqueiro (*Cocos nucifera* L.) de algumas localidades das Américas. *Neotropical Entomology*, 34(2), 349–354.
<https://doi.org/10.1590/S1519-566X2005000200026>
 178. Navia, D., Moraes, G.J. de, Roderick, G. & Navajas, M. (2005) The invasive coconut mite *Aceria guerreronis* (Acari: Eriophyidae): origin and invasion sources inferred from mitochondrial (16S) and nuclear (ITS) sequences. *Bulletin of Entomological Research*, 95(6), 505–516.
<https://doi.org/10.1079/ber2005382>
 179. Oliveira, A.R., Norton, R.A. & Moraes, G.J. de. (2005) Edaphic and plant inhabiting oribatid mites (Acari: Oribatida) from Cerrado and Mata Atlântica ecosystems in the State of São Paulo, southeast Brazil. *Zootaxa*, 1049(1), 49–68.
<https://doi.org/10.11646/zootaxa.1049.1.4>
 180. Quiros, M., Lofego, A.C., Moraes, G.J. de, Poleo, N., Petit, Y. (2005) Fitoseidos (Acari: Phytoseiidae) del guayabo (*Psidium guajava*), en el Estado Zulia, Venezuela. *Boletín del Centro de Investigaciones Biológicas*, 39(2), 128–144.
 181. Rosa, A.A., Gondim Jr., M.G., Fiaboe, K.K.M., Moraes, G.J. de & Knapp, M. (2005) Predatory mites associated with *Tetranychus evansi* Baker & Pritchard (Acari: Tetranychidae) on native solanaceous plants of coastal Pernambuco State, Brazil. *Neotropical Entomology*, 34(4), 689–692.
<https://doi.org/10.1590/S1519-566X2005000400021>
 182. Ruiz, M.G., Sosa, D.H., Speranza, C., Lofego, A.C., Moraes, G.J. de & Fernandes, O.A. (2005) Phytoseiid mites (Acari: Phytoseiidae) from apple trees in Rio Negro, Argentina. *Spanish Journal of Agricultural Research*, 3(4), 437–438.
<https://doi.org/10.5424/sjar/2005034-172>
 183. Vasconcelos, G.J.N., Silva, F.R., Barbosa, D.G.F., Gondim Jr., M.G. & Moraes, G.J. de. (2005) Ocorrência de Eriophyidae, Tenuipalpidae, Tarsonemidae e Tukanellidae (Acari) em fruteiras no Estado de Pernambuco, Brasil. *Caatinga*, 18(2), 98–104.
 184. Zannou, I.D., Hanna, R., Moraes, G.J. de & Kreiter, S. (2005) Cannibalism and interspecific predation in a phytoseiid predator guild from cassava fields in Africa: evidence from the laboratory. *Experimental and Applied Acarology*, 37(1–2), 27–42.
<https://doi.org/10.1007/s10493-005-1019-y>
 185. Zannou, I.D., Hanna, R., Moraes, G.J. de, Kreiter, S., Phiri, G. & Jone, A. (2005) Mites of cassava (*Manihot esculenta* Crantz) habitats in southern Africa. *International Journal of Acarology*, 31(2), 149–164.
<https://doi.org/10.1080/01647950508683667>
 186. Zannou, I. D., Zundel, C., Hanna, R. & Moraes, G.J. de. (2005) Two new species of phytoseiid mites (Acari: Phytoseiidae) from Cameroon, Central Africa. *Zootaxa*, 1093(1), 55–59.
<https://doi.org/10.11646/zootaxa.1093.1.5>
 187. Cunha, U.S., Silva, E.S., Moraes, G.J. de, Vendramim, J.D. (2006) Ocorrência do ácaro *Pyemotes* sp. (Acari: Pyemotidae) em criações de insetos em laboratório. *Neotropical Entomology*, 35(4), 563–565.
<https://doi.org/10.1590/S1519-566X2006000400023>
 188. De Vis, R.M.J., Moraes, G.J. de & Bellini, M.R. (2006) Effect of air humidity on the egg viability of predatory mites (Acari: Phytoseiidae, Stigmaeidae) common on rubber trees in Brazil. *Experimental and Applied Acarology*, 38(1), 25–32.
<https://doi.org/10.1007/s10493-005-5444-8>
 189. De Vis, R.M.J., Moraes, G.J. de & Bellini, M.R. (2006) Initial screening of little known predatory mites in Brazil as potential pest control agents. *Experimental and Applied Acarology*, 39(2), 115–125.
<https://doi.org/10.1007/s10493-006-9004-7>
 190. De Vis, R.M.J., Moraes, G.J. de & Bellini, M.R. (2006) Mites (Acari) of rubber trees (*Hevea brasiliensis* Muell. Arg., Euphorbiaceae) in Piracicaba, State of São Paulo, Brazil. *Neotropical Entomology*, 35(1), 112–120.
<https://doi.org/10.1590/S1519-566X2006000100015>
 191. Ferla, N.J. & Moraes, G.J. de. (2006) Seletividade de acaricidas e inseticidas a ácaros predadores (Acari: Phytoseiidae) encontrados em seringueira no centro-oeste do Brasil. *Ciência Rural*, 36(2), 357–362.
<https://doi.org/10.1590/S0103-84782006000200001>
 192. Fiaboe, K.K.M., Fonseca, R.L., Moraes, G.J. de, Ogol, C.K.P.O. & Knapp, M. (2006) Identification of priority areas in South America for exploration of natural enemies for classical biological control of *Tetranychus evansi* (Acari? Tetranychidae) in Africa. *Biological Control*, 38(3), 373–379.

- <https://doi.org/10.1016/j.biocontrol.2006.05.011>
193. Furtado, I.P., Moraes, G.J. de, Kreiter, S. & Knapp, M. (2006) Search for effective natural enemies of *Tetranychus evansi* in south and southeast Brazil. *Experimental and Applied Acarology*, 40(3–4), 157–174.
<https://doi.org/10.1007/s10493-006-9045-y>
 194. Lofego, A.C. & Moraes, G.J. de. (2006) Ácaros (Acari) associados a mirtáceas (Myrtaceae) em áreas de cerrado no estado de São Paulo com análise faunística das famílias Phytoseiidae e Tarsonemidae. *Neotropical Entomology*, 35(6), 731–746.
<https://doi.org/10.1590/S1519-566X2006000600003>
 195. Mesa, N.C., Moraes, G.J. de & Ochoa, R. (2006) Two new species of *Tenuipalpus* (Acari: Tenuipalpidae) from southeastern Brazil. *Zootaxa*, 1138(1), 45–51.
<https://doi.org/10.11646/zootaxa.1138.1.2>
 196. Moraes, G.J. de, McMurtry, J.A. & Lopes, P. C. (2006) Redefinition of *Metaseiulus* Muma (Acari: Phytoseiidae) and description of a new species from Brazil. *International Journal of Acarology*, 32(4), 351–354.
<https://doi.org/10.1080/01647950608684481>
 197. Moraes, G.J. de, Zannou, I.D., Oliveira, A.R., Yaninek, J.S. & Hanna, R. (2006) Phytoseiidae mites of the subtribes Typhlodromalina and Euseiina (Acari: Phytoseiidae: Euseiini) from sub-Saharan Africa. *Zootaxa*, 1114(1), 1–52.
<https://doi.org/10.11646/zootaxa.1114.1.1>
 198. Navia, D., Moraes, G.J. de, Querino, R.B. (2006) Geographic variation in the coconut mite, *Aceria guerreronis* Keifer (Acari: Eriophyidae): a geometric morphometric analysis. *International Journal of Acarology*, 32(3), 301–314.
<https://doi.org/10.1080/01647950608684473>
 199. Vasconcelos, G.J.N., Silva, F.R., Barbosa, D.G.F., Gondim Jr., M.G. & Moraes, G.J. de. (2006) Diversidade de fitoseídeos (Acari: Phytoseiidae) em fruteiras tropicais no Estado de Pernambuco, Brasil. *Magistra*, 18(2), 90–101.
 200. Zannou, I.D., Moraes, G.J. de, Ueckermann, E., Oliveira, A.R., Yaninek, J.S. & Hanna, R. (2006) Phytoseiid mites of the genus *Neoseiulus* Hughes (Acari: Phytoseiidae) from sub-Saharan Africa. *International Journal of Acarology*, 32(3), 241–276.
<https://doi.org/10.1080/01647950608684467>
 201. Castro, T.M.M.G. & Moraes, G.J. de. (2007) Mite diversity on plants of different families found in the Brazilian Atlantic Forest. *Neotropical Entomology*, 36(5), 774–782.
<https://doi.org/10.1590/S1519-566X2007000500020>
 202. Ferla, N.J., Moraes, G.J. de & Bonato, O. (2007) Distribuição espacial e plano de amostragem de *Calacarus heveae* (Acari) em seringueira. *Iheringia. Série Zoologia*, 97(4), 447–451.
<https://doi.org/10.1590/S0073-47212007000400014>
 203. Ferrero, M., Moraes, G.J. de, Kreiter, S., Tixier, M.S. & Knapp, M. (2007) Life tables of the predatory mite *Phytoseiulus longipes* feeding on *Tetranychus evansi* at four temperatures (Acari: Phytoseiidae, Tetranychidae). *Experimental and Applied Acarology*, 41(1–2), 45–53.
<https://doi.org/10.1007/s10493-007-9053-6>
 204. Fiaboe, K.K.M., Gondim Jr., M.G., Moraes, G.J. de, Ogol, C.K.P.O. & Knapp, M. (2007) Bionomics of the acarophagous ladybird beetle *Stethorus tridens* fed *Tetranychus evansi*. *Journal of Applied Entomology*, 131(5), 355–361.
<https://doi.org/10.1111/j.1439-0418.2007.01189.x>
 205. Fiaboe, K.K.M., Gondim Jr., M.G., Moraes, G.J. de, Ogol, C.K.P.O. & Knapp, M. (2007) Surveys for natural enemies of the tomato red spider mite *Tetranychus evansi* (Acari: Tetranychidae) in northeastern and southeastern Brazil. *Zootaxa*, 1395(1), 33–58.
<https://doi.org/10.11646/zootaxa.1395.1.2>
 206. Freire, R.A.P. & Moraes, G.J. de. (2007) Description of a new species of *Cosmolaelaps* Berlese (Acari: Laelapidae, Hypoaspidae) from Brazil and its biological cycle. *International Journal of Acarology*, 33(4), 353–358.
<https://doi.org/10.1080/01647950708683697>
 207. Freire, R.A.P. & Moraes, G.J. de. (2007) Mass production of the predatory mites *Stratiolaelaps scimitus* (Womersley) (Acari: Laelapidae). *Systematic & Applied Acarology*, 12(2), 117–119.
<https://doi.org/10.11158/saa.12.2.4>
 208. Freire, R.A.P., Moraes, G.J. de, Silva, E.S., Vaz, A.C. & Castilho, R.C. (2007) Biological control of *Bradysia matogrossensis* (Diptera: Sciaridae) in mushroom cultivation with predatory mites. *Experimental and Applied Acarology*, 42(2), 87–93.
<https://doi.org/10.1007/s10493-007-9075-0>

209. Furtado, I.P., Moraes, G.J. de, Kreiter, S., Tixier, M.S. & Knapp, M. (2007) Potential of a Brazilian population of the predatory mite *Phytoseiulus longipes* as a biological control agent of *Tetranychus evansi* (Acari: Phytoseiidae, Tetranychidae). *Biological Control*, 42(2), 139–147.
<https://doi.org/10.1016/j.biocontrol.2007.04.016>
210. Furtado, I.P., Toledo, S., Moraes, G.J. de, Kreiter, S. & Knapp, M. (2007) Search for effective natural enemies of *Tetranychus evansi* (Acari: Tetranychidae) in northwest Argentina. *Experimental and Applied Acarology*, 43(2), 121–127.
<https://doi.org/10.1007/s10493-007-9104-z>
211. Galvão, A.S., Gondim Jr., M.G., Moraes, G.J. de & Oliveira, J.V. (2007) Biologia de *Amblyseius largoensis* (Muma) (Acari: Phytoseiidae), um potencial predador de *Aceria guerreronis* Keifer (Acari: Eriophyidae) em coqueiro. *Neotropical Entomology*, 36(3), 465–470.
<https://doi.org/10.1590/S1519-566X2007000300016>
212. Kitajima, E.W., Groot, T.V., Novelli, V.M., Freitas, J., Alberti, A.G. & Moraes, G.J. de. (2007) In situ observation of the *Cardinium* symbionts of *Brevipalpus* (Acari: Tenuipalpidae) by electron microscopy. *Experimental and Applied Acarology*, 42(4), 263–271.
<https://doi.org/10.1007/s10493-007-9090-1>
213. Lawson-Balagbo, L.E., Gondim Jr., M.G., Moraes, G.J. de, Hanna, R. & Schausberger, P. (2007) Life history of the predatory mites *Neoseiulus paspalivorus* and *Proctolaelaps bickleyi*, candidates for biological control of *Aceria guerreronis*. *Experimental and Applied Acarology*, 43(1), 49–61.
<https://doi.org/10.1007/s10493-007-9101-2>
214. Lawson-Balagbo, L.E., Gondim Jr., M.G., Moraes, G.J. de, Hanna, R. & Schausberger, P. (2007) Refuge use by the coconut mite *Aceria guerreronis*: fine scale distribution and association with other mites under the perianth. *Biological Control*, 43(1), 102–110.
<https://doi.org/10.1016/j.biocontrol.2007.05.010>
215. Lofego, A.C., Moraes, G.J. de & Ochoa, R. (2007) Four new species of *Xenotarsonemus* (Acari: Tarsonemidae) from Brazil. *Zootaxa*, 1646(1), 1–15.
<https://doi.org/10.11646/zootaxa.1646.1.1>
216. Moraes, G.J. de, Zannou, I.D., Ueckermann, E., Oliveira, A.R., Hanna, R. & Yaninek, J.S. (2007) Species of the subtribes Arrenoseiina and Proprioseiopsina (tribe Amblyseiini) and the tribe Typhlodromipsini (Acari: Phytoseiidae) from sub-Saharan Africa. *Zootaxa*, 1448(1), 1–39.
<https://doi.org/10.11646/zootaxa.1448.1.1>
217. Moraes, G.J. de, Zannou, I.D., Ueckermann, E., Oliveira, A.R., Yaninek, J.S. & Hanna, R. (2007) Phytoseiid mites of the tribes Afroseiulini, Kampimodromini and Phytoseiulini, and complementary notes on mites of the tribes Euseiini and Neoseiulini (Acari: Phytoseiidae) from sub-Saharan Africa. *Zootaxa*, 1628(1), 1–22.
<https://doi.org/10.11646/zootaxa.1628.1.1>
218. Navia, D., Gondim Jr., M.G. & Moraes, G.J. de. (2007) Eriophyoid mites (Acari: Eriophyoidea) associated with palm trees. *Zootaxa*, 1389(1), 1–30.
<https://doi.org/10.11646/zootaxa.1389.1.1>
219. Oliveira, A.R., Moraes, G.J. de & Ferraz, L.C.C.B. (2007) Consumption rate of phytonematodes by *Pergalumna* sp. (Acari: Oribatida: Galumnidae) under laboratory conditions determined by a new method. *Experimental and Applied Acarology*, 41(3), 183–189.
<https://doi.org/10.1007/s10493-007-9062-5>
220. Pallini Filho, A., Fadini, M.A.M., Venzon, M., Moraes, G.J. de & Battesti, D.M.B. (2007) Demandas e perspectivas para a acarologia no Brasil. *Neotropical Biology and Conservation*, 2(3), 169–175.
221. Silva, E.S., Moraes, G.J. de & Krantz, G.W. (2007) A new species of *Ologamasus* (Acari: Ologamasidae) from Brazil. *Zootaxa*, 1462(1), 61–68.
<https://doi.org/10.11646/zootaxa.1462.1.3>
222. Ueckermann, E., Zannou, I.D., Moraes, G.J. de, Oliveira, A.R., Hanna, R. & Yaninek, J.S. (2007) Phytoseiid mites of the subfamily Phytoseiinae (Acari: Phytoseiidae) from sub-Saharan Africa. *Zootaxa*, 1658(1), 1–20.
<https://doi.org/10.11646/zootaxa.1658.1.1>
223. Wekesa, V.W., Moraes, G.J. de, Knapp, M. & Delalibera Jr., I. (2007) Interactions of two natural enemies of *Tetranychus evansi*, the fungal pathogen *Neozygites floridana* (Zygomycetes: Entomophthorales) and the predatory mite, *Phytoseiulus longipes* (Acari: Phytoseiidae). *Biological Control*, 41(3), 408–414.
<https://doi.org/10.1016/j.biocontrol.2007.03.003>
224. Zannou, I.D., Hanna, R., Agboton, B., Moraes, G.J. de, Kreiter, S., Phiri, G. & Jone, A. (2007) Native phytoseiid mites as indicators of non-target effects of the introduction of *Typhlodromalus aripo* for the biological control of

- cassava green mite in Africa. *Biological Control*, 41(2), 190–198.
<https://doi.org/10.1016/j.biocontrol.2007.01.016>
225. Zannou, I.D., Moraes, G.J. de, Ueckermann, E., Oliveira, A.R., Yaninek, J.S. & Hanna, R. (2007) Phytoseiid mites of the subtribe Amblyseiina (Acari: Phytoseiidae: Amblyseiini) from sub-Saharan Africa. *Zootaxa*, 1550(1), 1–47.
<https://doi.org/10.11646/zootaxa.1550.1.1>
 226. Albuquerque, F.A. & Moraes, G.J. de. (2008) Perspectivas para a criação massal de *Iphiseiodes zuluagai* Denmark & Muma (Acari: Phytoseiidae). *Neotropical Entomology*, 37(3), 328–333.
<https://doi.org/10.1590/S1519-566X2008000300013>
 227. Ferla, N.J. & Moraes, G.J. de. (2008) Flutuação populacional e sintomas de dano por ácaros (Acari) em seringueira no Estado de Mato Grosso, Brazil. *Revista Árvore*, 32(2), 365–376.
<https://doi.org/10.1590/S0100-67622008000200019>
 228. Demite, P.R., Feres, R.J., Guanilo, A.D. & Moraes, G.J. de. (2008) Rediscovery and redescription of *Silvaseius barretoae* (Yoshida-Shaul and Chant) (Acari: Phytoseiidae). *International Journal of Acarology*, 34(3), 273–276.
<https://doi.org/10.1080/01647950808684541>
 229. De Vis, R.M.J., Silva, E.S., Bellini, M.R. & Moraes, G.J. de. (2008) Life cycle of *Metaseiulus camelliae* and *Zetzellia malviniae*, predators of the rubber tree pest mite, *Tenuipalpus heveae* (Acari: Phytoseiidae, Stigmaeidae, Tenuipalpidae). *Acarologia*, 47(3), 109–114.
 230. Elliot, S.L., Moraes, G.J. de & Mumford, J.D. (2008) Failure of the mite-pathogenic fungus *Neozygites tanajoae* and the predatory mite *Neoseiulus idaeus* to control a population of the cassava green mite, *Mononychellus tanajoa*. *Experimental and Applied Acarology*, 46(1–4), 211–222.
<https://doi.org/10.1007/s10493-008-9164-8>
 231. Galvão, A.S., Gondim Jr., M.G., Moraes, G.J. de & Oliveira, J.V. (2008) Exigências térmicas e tabela de vida de fertilidade de *Amblyseius largoensis*. *Ciência Rural*, 38(7), 1817–1823.
<https://doi.org/10.1590/S0103-84782008000700003>
 232. Guanilo, A.D., Flechtman, C.H.W. & Moraes, G.J. de. (2008) Two new species of *Tetranychus* Dufour (Acari: Tetranychidae) from Peru. *International Journal of Acarology*, 34(3), 293–300.
<https://doi.org/10.1080/01647950808684545>
 233. Guanilo, A.D., Moraes, G.J. de & Knapp, M. (2008) Phytoseiid mites (Acari: Phytoseiidae) of the subfamilies Phytoseiinae Berlese and Typhlodrominae Wainstein from Peru, with descriptions of two new species. *Zootaxa*, 1729(1), 49–60.
<https://doi.org/10.11646/zootaxa.1729.1.5>
 234. Guanilo, A.D., Moraes, G.J. de & Knapp, M. (2008) Phytoseiid mites (Acari: Phytoseiidae) of the subfamily Amblyseiinae Muma from Peru, with descriptions of four new species. *Zootaxa*, 1880(1), 1–47.
<https://doi.org/10.11646/zootaxa.1880.1.1>
 235. Guanilo, A.D., Moraes, G.J. de, Toledo, S. & Knapp, M. (2008) Phytoseiid mites (Acari: Phytoseiidae) from Argentina, with description of a new species. *Zootaxa*, 1884(1), 1–35.
<https://doi.org/10.11646/zootaxa.1884.1.1>
 236. Lawson-Balagbo, L.M., Gondim Jr., M.G.C., Moraes, G.J. de, Hanna, R. & Schausberger, P. (2008) Compatibility of *Neoseiulus paspalivorus* and *Proctolaelaps bickleyi*, candidate biocontrol agents of the coconut mite *Aceria guerreronis*: spatial niche use and intraguild predation. *Experimental and Applied Acarology*, 45(1–2), 1–13.
<https://doi.org/10.1007/s10493-008-9156-8>
 237. Lawson-Balagbo, L.E., Gondim Jr., M.G.C., Moraes, G.J. de, Hanna, R. & Schausberger, P. (2008) Exploration of the acarine fauna on coconut in Brazil with emphasis on *Aceria guerreronis* (Acari: Eriophyidae) and its natural enemies. *Bulletin of Entomological Research*, 98(1), 83–96.
<https://doi.org/10.1017/S0007485307005421>
 238. Moraes, G.J. de, Reis, A.C. & Gondim Jr., M.G. (2008) A new species of *Proctolaelaps* Berlese (Acari: Ascidae) from northeastern Brazil. *International Journal of Acarology*, 34(3), 267–272.
<https://doi.org/10.1080/01647950808684540>
 239. Moraes, G.J. de, Zannou, I.D., Ueckermann, E., Oliveira, A.R., Hanna, R. & Yaninek, J. S. (2008) Phytoseiidae mites of the tribe Paraseiulini Wainstein (Acari: Phytoseiidae) from sub-Saharan Africa. *Zootaxa*, 1687(1), 1–34.
<https://doi.org/10.11646/zootaxa.1687.1.1>
 240. Norton, R.A., Oliveira, A. R. & Moraes, G.J. de. (2008) First Brazilian records of the acariform mite genera *Adelphacarus* and *Gordialycus* (Acari: Acariformes: Adelphacaridae and Nematalicidae). *International Journal of Acarology*, 34(1), 91–94.
<https://doi.org/10.1080/01647950808683709>

241. Reis, A.C., Gondim Jr., M.G., Moraes, G.J. de, Hanna, R., Schausberger, P., Lawson-Balagbo, L.E. & Barros, R. (2008) Population dynamics of *Aceria guerreronis* Keifer (Acari: Eriophyidae) and associated predators on coconut fruits in Northeastern Brazil. *Neotropical Entomology*, 37(4), 457–462.
<https://doi.org/10.1590/S1519-566X2008000400015>
242. Silva, F.R., Moraes, G.J. de & Knapp, M. (2008) Distribution of *Tetranychus evansi* and its predator *Phytoseiulus longipes* (Acari: Tetranychidae, Phytoseiidae) in southern Brazil. *Experimental and Applied Acarology*, 45(3–4), 137–145.
<https://doi.org/10.1007/s10493-008-9184-4>
243. Tixier, M.S., Kreiter, S. & Moraes, G.J. de. (2008) Biogeographic distribution of the Phytoseiidae (Acari: Mesostigmata). *Biological Journal of the Linnean Society*, 93(4), 845–856.
<https://doi.org/10.1111/j.1095-8312.2007.00937.x>
244. Ueckermann, E., Zannou, I.D., Moraes, G.J. de, Oliveira, A.R., Hanna, R. & Yaninek, J.S. (2008) Phytoseiid mites of the tribe Typhlodromini (Acari: Phytoseiidae) from sub-Saharan Africa. *Zootaxa*, 1901(1), 1–122.
<https://doi.org/10.11646/zootaxa.1901.1.1>
245. Vasconcelos, G.J.N., Moraes, G.J. de, Delalibera Jr, I. & Knapp, M. (2008) Life history of the predatory mite *Phytoseiulus fragariae* on *Tetranychus evansi* and *Tetranychus urticae* (Acari: Phytoseiidae, Tetranychidae) at five temperatures. *Experimental and Applied Acarology*, 44(1), 27–36.
<https://doi.org/10.1007/s10493-007-9124-8>
246. Almeida, L.C., Moraes, G.J. de, Chabregas, S.M. & Arrigoni, E.B. (2009) Primeiro relato da ocorrência do ácaro *Oligonychus grypus* em cana-de-açúcar no Estado de São Paulo. *Revista de Agricultura (Piracicaba)*, 84(3), 173–174.
247. Britto, E.P.J., Gondim, M.G.C., Torres, J.B., Fiaboe, K.K.M., Moraes, G.J. de & Knapp, M. (2009) Predation and reproductive output of the ladybird beetle *Stethorus tridens* preying on tomato red spider mite *Tetranychus evansi*. *BioControl*, 54(3), 363–368.
<https://doi.org/10.1007/s10526-008-9178-5>
248. Castilho, R.C., Moraes, G.J. de, Silva, E.S. & Silva, L.O. (2009) Predation potential and biology of *Protoparasitopsis posnaniensis* Wisniewski & Hirschmann (Acari: Rhodacaridae). *Biological Control*, 48(2), 164–167.
<https://doi.org/10.1016/j.biocontrol.2008.10.004>
249. Castilho, R.C., Moraes, G.J. de, Silva, E.S., Freire, R.A.P. & Eira, F.C. (2009) The predatory mite *Stratiolaelaps scimitus* as a control agent of the fungus gnat *Bradysia matogrossensis* in commercial production of the mushroom *Agaricus bisporus*. *International Journal of Pest Management*, 55(3), 181–185.
<https://doi.org/10.1080/09670870902725783>
250. Lofego, A.C., Demite, P.R., Kishimoto, R.G. & Moraes, G.J. de. (2009) Phytoseiid mites on grasses in Brazil (Acari: Phytoseiidae). *Zootaxa*, 2240(1), 41–59.
<https://doi.org/10.11646/zootaxa.2240.1.3>
251. Melo, J.W.S., Domingos, C.A., Gondim Jr., M.G. & Moraes, G.J. de. (2009) Pode *Euseius alatus* DeLeon (Acari: Phytoseiidae) preda *Aceria guerreronis* Keifer (Acari: Eriophyidae) em Coqueiro? *Neotropical Entomology*, 38(1), 139–143.
<https://doi.org/10.1590/S1519-566X2009000100016>
252. Mineiro, J.L.C., Lindquist, E.E. & Moraes, G.J. de. (2009) Edaphic ascid mites (Acari: Mesostigmata: Ascidae) from the state of São Paulo, Brazil, with description of five new species. *Zootaxa*, 2024(1), 1–32.
<https://doi.org/10.11646/zootaxa.2024.1.1>
253. Navia, D., Moraes, G.J. de & Querino, R.B. (2009) Geographic pattern of morphological variation of the coconut mite, *Aceria guerreronis* Keifer (Acari: Eriophyidae), using multivariate morphometry. *Brazilian Journal of Biology*, 69(3), 773–783.
<https://doi.org/10.1590/S1519-69842009000400004>
254. Bellini, M.R., Araujo, R.V., Silva, E.S., Moraes, G.J. de & Berti Filho, E. (2010) Ciclo de vida de *Proprioseiopsis cannaensis* (Muma) (Acari: Phytoseiidae) com diferentes tipos de alimentos. *Neotropical Entomology*, 39(3), 360–364.
<https://doi.org/10.1590/S1519-566X2010000300008>
255. Castilho, R.C. & Moraes, G.J. de. (2010) Rhodacaridae mites (Acari: Mesostigmata: Rhodacaroidea) from the state of São Paulo, Brazil, with descriptions of a new genus and three new species. *International Journal of Acarology*, 36(5), 387–398.
<https://doi.org/10.1080/01647951003766970>
256. Castilho, R.C., Moraes, G.J. de & Narita, J.P.Z. (2010) A new species of *Gamasiphis* (Acari: Ologamasidae) from Brazil, with a key to species from the Neotropical Region. *Zootaxa*, 2452(1), 31–43.

- <https://doi.org/10.11646/zootaxa.2452.1.3>
257. Castro, T.M.M.G. & Moraes, G.J. de. (2010) Diversity of phytoseiid mites (Acari: Mesostigmata: Phytoseiidae) in the Atlantic Forest of São Paulo. *Systematics and Biodiversity*, 8(2), 301–307.
<https://doi.org/10.1080/14772001003801375>
 258. Castro, T.M.M.G. & Moraes, G.J. de. (2010) Life cycle and behaviour of the predaceous mite *Cunaxatricha tarso-spinosa* (Acari: Prostigmata: Cunaxidae). *Experimental and Applied Acarology*, 50(2), 133–139.
<https://doi.org/10.1007/s10493-009-9303-x>
 259. Castro, T.M.M.G., Moraes, G.J. de & McMurtry, J. (2010) New Phytoseiidae (Acari: Mesostigmata) from Costa Rica, with additional information on other species. *International Journal of Acarology*, 36(1), 35–48.
<https://doi.org/10.1080/01647950903506718>
 260. Domingos, C.A., Melo, J.W.S., Gondim Jr., M.G.C., Moraes, G.J. de, Hanna, R., Lawson-Balagbo, L.M. & Schausberger, P. (2010) Diet-dependent life history, feeding preference and thermal requirements of the predatory mite *Neoseiulus baraki* (Acari: Phytoseiidae). *Experimental and Applied Acarology*, 50(3), 201–215.
<https://doi.org/10.1007/s10493-009-9308-5>
 261. Ferla, N.J., Silva, G.L. & Moraes, G.J. de. (2010) Description of a new species of *Arrenoseius* Wainstein (Acari: Phytoseiidae) from Brazil and a redescription of a similar species from Argentina. *International Journal of Acarology*, 36(1), 15–19.
<https://doi.org/10.1080/01647950903490095>
 262. Guanilo, A.D., Moraes, G.J. de, Toledo, S. & Knapp, M. (2010) New records of *Tetranychus evansi* and associated natural enemies in northern Argentina. *Systematic & Applied Acarology*, 15(1), 3–20.
<https://doi.org/10.11158/saa.15.1.1>
 263. Hountondji, F.C.C., Moraes, G.J. de & Al-Zawamri, H. (2010) Mites (Acari) on coconut, date palm and associated plants in Oman. *Systematic & Applied Acarology*, 15(3), 228–234.
<https://doi.org/10.11158/saa.15.3.7>
 264. Moraes, G.J. de & Narita, J.P.Z. (2010) Description of a new species of *Neocyphophlegas* (Acari: Ameroseiidae) from Brazil, with a key to the world species. *Zootaxa*, 2554(1), 37–44.
<https://doi.org/10.11646/zootaxa.2554.1.3>
 265. Raga, A., Mineiro, J.L.C., Sato, M.E., Moraes, G.J. de & Flechtmann, C.H.W. (2010) Primeiro relato de *Aceria litchii* (Keifer) (Prostigmata: Eriophyidae) em plantas de litchia no Brasil. *Revista Brasileira de Fruticultura*, 32(2), 628–629.
<https://doi.org/10.1590/S0100-29452010005000046>
 266. Silva, F.R., Moraes, G.J. de, Gondim Jr., M.G.C., Knapp, M., Rouam, S.L., Paes, J.L.A. & Oliveira, G.M. (2010) Efficiency of *Phytoseiulus longipes* Evans as a control agent of *Tetranychus evansi* Baker & Pritchard (Acari: Phytoseiidae: Tetranychidae) on greenhouse tomatoes. *Neotropical Entomology*, 39(6), 991–995.
<https://doi.org/10.1590/S1519-566X2010000600022>
 267. Wekesa, V.W., Moraes, G.J. de, Ortega, E.M.M. & Delalibera Jr., I. (2010) Effect of temperature on sporulation of *Neozygites floridana* isolates from different climates and their virulence against the tomato red spider mite, *Tetranychus evansi*. *Journal of Invertebrate Pathology*, 103(1), 36–42.
<https://doi.org/10.1016/j.jip.2009.10.003>
 268. Britto, E.P.J., Lindquist, E.E. & Moraes, G.J. de. (2011) Redescription of *Lasioseius floridensis* Berlese, 1916 (Acari: Mesostigmata: Blattisociidae), with notes on closely related species. *Zootaxa*, 2905(1), 1–15.
<https://doi.org/10.11646/zootaxa.2905.1.1>
 269. Famah Sourassou, N., Hanna, R., Zannou, I., Moraes, G.J. de, Negloh, K. & Sabelis, M.W. (2011) Morphological variation and reproductive incompatibility of three coconut-mite-associated populations of predatory mites identified as *Neoseiulus paspalivorus* (Acari: Phytoseiidae). *Experimental and Applied Acarology*, 53(4), 323–338.
<https://doi.org/10.1007/s10493-010-9413-5>
 270. Ferragut, F., Moraes, G.J. de & Navia, D. (2011) Phytoseiid mites (Acari: Phytoseiidae) of the Dominican Republic, with a re-definition of the genus *Typhloseiopsis* De Leon. *Zootaxa*, 2997(1), 37–53.
<https://doi.org/10.11646/zootaxa.2997.1.3>
 271. Galvão, A.S., Gondim Jr, M.G.C. & Moraes, G.J. de. (2011) Life history of *Proctolaelaps bulbosus* feeding on the coconut mite *Aceria guerreronis* and other possible food types occurring on coconut fruits. *Experimental and Applied Acarology*, 53(3), 245–252.
<https://doi.org/10.1007/s10493-010-9399-z>
 272. Galvão, A.S., Gondim Jr, M.G.C., Moraes, G.J. de & Melo, J.W.S. (2011) Distribution of *Aceria guerreronis* and *Neoseiulus baraki* among and within coconut bunches in northeast Brazil. *Experimental and Applied Acarology*, 54, 373–384.

- <http://doi.org/10.1007/s10493-011-9464-2>
273. Kade, N., Gueye-Ndiaye, A., Duverney, C. & Moraes, G.J. de. (2011) Phytoseiid mites (Acari: Phytoseiidae) from Senegal. *Acarologia*, 51(1), 133–138.
<https://doi.org/10.1051/acarologia/20112001>
 274. Lofego, A.C., Hountondji, F.C.C., Al-Shanfari, A. & Moraes, G.J. de. (2011) Incidence of tarsonemid mites on *Cocos nucifera* L. (Arecaceae) from Oman with description of a new species of *Nasutitarsonemus* Beer and Nucifora (Acari: Tarsonemidae). *Journal of Natural History*, 45(7–8), 461–474.
<https://doi.org/10.1080/00222933.2010.534192>
 275. Mineiro, J.L.C., Castro, T.M.M.G. & Moraes, G.J. de. (2011) Description of a new species and complementary description of a known species of *Iphiseiodes* De Leon (Acari: Phytoseiidae). *Zootaxa*, 2876(1), 30–34.
<https://doi.org/10.11646/zootaxa.2876.1.3>
 276. Moraes, G.J. de, Al-Shanfari, A. & Silva, R.V. (2011) A new flat mite (Acari: Prostigmata: Tenuipalpidae) from date palm in the Sultanate of Oman. *Zootaxa*, 2962(1), 63–68.
<https://doi.org/10.11646/zootaxa.2962.1.5>
 277. Narita, J.P.Z., Moraes, G.J. de & Fernando, L.C.P. (2011) Two species of *Neocyphophyllopsis* from Sri Lanka (Acari: Ameroseiidae), with description of a new species. *Zootaxa*, 2741(1), 59–65.
<https://doi.org/10.11646/zootaxa.2741.1.3>
 278. Navia, D., Marsaro Junior, A.L., Silva, F.R., Gondim Jr., M.G. & Moraes, G.J. de. (2011) First report of the red palm mite, *Raoiella indica* Hirst (Acari: Tenuipalpidae), in Brazil. *Neotropical Entomology*, 40(3), 409–411.
<https://doi.org/10.1590/S1519-566X2011000300018>
 279. Sato, M.M., Moraes, G.J. de, Haddad, M.L. & Wekesa, V.W. (2011) Effect of trichomes on the predation of *Tetranychus urticae* (Acari: Tetranychidae) by *Phytoseiulus macropilis* (Acari: Phytoseiidae) on tomato, and the interference of webbing. *Experimental and Applied Acarology*, 54(1), 21–32.
<https://doi.org/10.1007/s10493-011-9426-8>
 280. Asalf, B., Trandem, N., Stensvand, A., Wekesa, V.W., Moraes, G.J. de & Klingen, I. (2012) Influence of sulfur, powdery mildew, and the predatory mite *Phytoseiulus persimilis* on two-spotted spider mite in strawberry. *Biological Control*, 61(2), 121–127.
<https://doi.org/10.1016/j.biocontrol.2012.01.015>
 281. Britto, E.P.J., Gago, E. & Moraes, G.J. de. (2012) How promising is *Lasioseius floridensis* as a control agent of *Polyphagotarsonemus latus*? *Experimental and Applied Acarology*, 56(3), 221–231.
<https://doi.org/10.1007/s10493-012-9513-5>
 282. Britto, E.P.J., Lopes, P.C. & Moraes, G.J. de. (2012) *Blattisocius* (Acari, Blattisociidae) species from Brazil, with description of a new species, redescription of *Blattisocius keegani* and a key for the separation of the world species of the genus. *Zootaxa*, 3479(1), 33–51.
<https://doi.org/10.11646/zootaxa.3479.1.2>
 283. Castilho, R.C., Jalaian, M. & Moraes, G.J. de. (2012) Two new species of Rhodacaridae (Mesostigmata: Rhodaroidea) from Iran. *Zootaxa*, 3248(1), 35–42.
<https://doi.org/10.11646/zootaxa.3248.1.3>
 284. Castilho, R.C., Moraes, G.J. de & Halliday, B. (2012) Revision of the genera *Interrhodeus*, *Pennarrhodeus* and *Poropodalius* (Acari: Rhodacaridae). *Zootaxa*, 3335(1), 1–28.
<https://doi.org/10.11646/zootaxa.3335.1.1>
 285. Castilho, R.C., Moraes, G.J. de & Halliday, B. (2012) Catalogue of the mite family Rhodacaridae Oudemans, with notes on the classification of the Rhodaroidea (Acari: Mesostigmata). *Zootaxa*, 3471(1), 1–69.
<https://doi.org/10.11646/zootaxa.3471.1.1>
 286. Famah Sourassou, N., Hanna, R., Zannou, I., Breeuwer, J.A.J., Moraes, G.J. de & Sabelis, M.W. (2012) Morphological, molecular and cross-breeding analysis of geographic populations of coconut-mite associated predatory mites identified as *Neoseiulus baraki*: evidence for cryptic species? *Experimental and Applied Acarology*, 57(1), 15–36.
<https://doi.org/10.1007/s10493-012-9534-0>
 287. Galvão, A., Melo, J.W.S., Monteiro, V.B., Lima, D.B., Moraes, G.J. de & Gondim Jr., M.G.C. (2012) Dispersal strategies of *Aceria guerreronis* (Acari: Eriophyidae), a coconut pest. *Experimental and Applied Acarology*, 57(1), 1–13.
<https://doi.org/10.1007/s10493-012-9527-z>
 288. Gondim Jr., M.G.C., Castro, T.M.M.G., Marsaro, A.L., Navia, D., Melo, J.W. S., Demite, P.R. & Moraes, G.J. de. (2012) Can the red palm mite threaten the Amazon vegetation? *Systematics and Biodiversity*, 10(4), 527–535.
<https://doi.org/10.1080/14772000.2012.752415>

289. Guanilo, A.D., Moraes, G.J. de, Flechtmann, C.H.W. & Knapp, M. (2012) Phytophagous and fungivorous mites (Acari: Prostigmata, Astigmata) from Peru. *International Journal of Acarology*, 38(2), 120–134.
<https://doi.org/10.1080/01647954.2011.595735>
290. Lima, D.B., Melo, J.W.S., Gondim Jr., M.G.C. & Moraes, G.J. de. (2012) Limitations of *Neoseiulus baraki* and *Proctolaelaps bickleyi* as control agents of *Aceria guerreronis*. *Experimental and Applied Acarology*, 56(3), 233–246.
<https://doi.org/10.1007/s10493-012-9515-3>
291. Moraes, G.J. de, Castro, T.M.M.G., Kreiter, S., Quilici, S., Gondim Jr., M.G.C. & Sa, L.A.N. (2012) Search for natural enemies of *Raoiella indica* Hirst in La Reunion (Indian Ocean). *Acarologia*, 52(2), 129–134.
<https://doi.org/10.1051/acarologia/20122043>
292. Oliveira, D.C. & Moraes, G.J. de. (2012) Ácaros: uma importante ferramenta para o controle biológico. *Ciência e Ambiente*, 43, 37–54.
293. Oliveira, D.C., Moraes, G.J. de & Dias, C.T.S. (2012) Status of *Aceria guerreronis* Keifer (Acari: Eriophyidae) as a pest of coconut in the state of Sao Paulo, Brazil. *Neotropical Entomology*, 41(4), 315–323.
<https://doi.org/10.1007/s13744-012-0051-y>
294. Oliveira, D.C., Charanasri, V., Kongchuensin, M., Konvipasruang, P., Chandrapatya, A. & Moraes, G.J. de. (2012) Phytoseiidae of Thailand (Acari: Mesostigmata), with a key for their identification. *Zootaxa*, 3453(1), 1–24.
<https://doi.org/10.11646/zootaxa.3453.1.1>
295. Abo-Shnaf, R.I.A., Castilho, R.C. & Moraes, G.J. de. (2013) Two new species of Rhodacaridae (Acari: Mesostigmata) from Egypt and a key to the species of the family from the Mediterranean region. *Zootaxa*, 3718(1), 28–38.
<https://doi.org/10.11646/zootaxa.3718.1.2>
296. Al-Shanfari, A., Hountondji, F.C.C., Al-Zawamri, H., Rawas, H. Al-Mashiki, Y., Moraes, G.J. de, Moore, D. & Gowen, S.R. (2013) Occurrence and seasonal prevalence of the coconut mite, *Aceria guerreronis* (Eriophyidae), and associated arthropods in Oman. *Experimental and Applied Acarology*, 60(2), 139–151.
<https://doi.org/10.1007/s10493-012-9637-7>
297. Azevedo, L.H., Moraes, G.J. de, Yamamoto, P.T. & Zanardi, O.Z. (2013) Development of a methodology and evaluation of pesticides against *Aceria litchi* and its predator *Phytoseius intermedius* (Acari: Eriophyidae, Phytoseiidae). *Journal of Economic Entomology*, 106(5), 2183–2189.
<https://doi.org/10.1603/ec13026>
298. Calamita, Z., Barbosa, M.F.C., Almeida Filho, O.M., Capobianco, J.G., Messias, L.A. & Moraes, G.J. de. (2013) Perfil de sensibilização a aeroalérgenos e espécies de ácaros mais prevalentes na cidade de Marília: dados preliminares. *Brazilian Journal of Allergy and Immunology*, 1(6), 335–340.
<https://doi.org/10.5935/2318-5015.20130049>
299. Domingos, C.A., Oliveira, L.O., Morais, E.G.F., Navia, D., Moraes, G.J. de & Gondim Jr., M.G.C. (2013) Comparison of two populations of the pantropical predator *Amblyseius largoensis* (Acari: Phytoseiidae) for biological control of *Raoiella indica* (Acari: Tenuipalpidae). *Experimental and Applied Acarology*, 60(1), 83–93.
<https://doi.org/10.1007/s10493-012-9625-y>
300. Flechtmann, C.H.W. & Moraes, G.J. de (2013) A new species of *Notostrix* (Acari: Eriophyidae), with notes on the host plants and distribution of species of this genus. *Journal of Natural History*, 47(3–4), 197–202.
<https://doi.org/10.1080/00222933.2012.742166>
301. McMurtry, J.A., Moraes, G.J. de & Sourassou, N.F. (2013) Revision of the lifestyles of phytoseiid mites (Acari: Phytoseiidae) and implications for biological control strategies. *Systematic & Applied Acarology*, 18(4), 297–320.
<https://doi.org/10.11158/saa.18.4.1>
302. Moraes, G.J. de, Barbosa, M.F.C. & Castro, T.M.M.G. (2013) Phytoseiidae (Acari: Mesostigmata) from natural ecosystems in the State of São Paulo, Brazil. *Zootaxa*, 3700(3), 301–347.
<https://doi.org/10.11646/zootaxa.3700.3.1>
303. Narita, J.P., Bernardi, L.F.O., Ferreira, R.L. & Moraes, G.J. de. (2013) A new species of *Ameroseius* Berlese from Brazil, redescription of *Ameroseius plumosus* (Oudemans) and *Ameroseius plumigera* (Oudemans) (Acari: Mesostigmata: Ameroseiidae) based on the examination of type material. *Journal of Natural History*, 47(35–36), 2311–2326.
<https://doi.org/10.1080/00222933.2013.791888>
304. Navajas, M., Moraes, G.J. de, Auger, P. & Migeon, A. (2013) Review of the invasion of *Tetranychus evansi*: biology, colonization pathways, potential expansion and prospects for biological control. *Experimental and Applied Acarology*, 59(1–2), 43–65.
<https://doi.org/10.1007/s10493-012-9590-5>
305. Navia, D., Gondim Jr., M.G.C., Aratchige, N.S. & Moraes, G.J. de. (2013) A review of the status of the coconut

- mite, *Aceria guerreronis* (Acari: Eriophyidae), a major tropical mite pest. *Experimental and Applied Acarology*, 59(1–2), 67–94.
<https://doi.org/10.1007/s10493-012-9634-x>
306. Rueda-Ramirez, D., Castilho, R.C. & Moraes, G.J. de. (2013) Mites of the superfamily Rhodacaroidea (Acari: Mesostigmata) from Colombia, with a key for the world species of *Desectophis* Karg (Ologamasidae). *Zootaxa*, 3734(5), 521–535.
<https://doi.org/10.11646/zootaxa.3734.5.2>
 307. Santos, J.C., Castilho, R.C., Silva, E.S. & Moraes, G.J. de. (2013) A new species of *Hydrogamasellus* (Acari: Mesostigmata: Ologamasidae) from Brazil, with a key to the world species of the genus. *Zootaxa*, 3718(1), 81–88.
<https://doi.org/10.11646/zootaxa.3718.1.7>
 308. Vásquez, C. & Moraes, G.J. de. (2013) Geographic distribution and host plants of *Raoiella indica* and associated mite species in northern Venezuela. *Experimental and Applied Acarology*, 60(1), 73–82.
<https://doi.org/10.1007/s10493-012-9623-0>
 309. Abo-Shnaf, R.I.A. & Moraes, G.J. de. (2014) Phytoseiid mites (Acari: Phytoseiidae) from Egypt, with new records, descriptions of new species, and a key to species. *Zootaxa*, 3865(1), 1–71.
<https://doi.org/10.11646/zootaxa.3865.1.1>
 310. Azevedo, L.H., Maeda, E.Y., Inomoto, M.M. & Moraes, G.J. de. (2014) A method to estimate the population level of *Aceria litchi* (Prostigmata: Eriophyidae) and a study of the population dynamics of this species and its predators on litchi trees in southern Brazil. *Journal of Economic Entomology*, 107(1), 361–367.
<https://doi.org/10.1603/EC13337>
 311. Castro, B.M.C., Soares, M.A., Andrade Jr., V.C., Fadini, M.A.M., Ferreira, J.A.M. & Moraes, G.J. de. (2014) The predatory mite *Phytoseiulus macropilis* (Acari: Phytoseiidae) occurring on sweet potato (*Ipomoea batatas*) plants in Diamantina, Minas Gerais State, Brazil. *Brazilian Journal of Biology*, 74(3), 685–686.
<https://doi.org/10.1590/bjb.2014.0078>
 312. Chandrapatya, A., Konvipasruang, P., Flechtmann, C.H.W. & Moraes, G.J. de (2014) Complementary description of *Colomerus novaehbridensis* Keifer (Acari, Eriophyidae), with a discussion about the constitution of the genus and its economic importance, and a tentative key to *Colomerus* Newkirk & Keifer species. *ZooKeys*, 434, 17–35.
<https://doi.org/10.3897/zookeys.434.7308>
 313. Cruz, W.P., Sarmento, R.A., Pedro-Neto, M., Teodoro, A.V., Rodrigues, D.M. & Moraes, G.J. de. (2014) Population dynamics of *Aceodromus convolvuli* (Acari: Mesostigmata: Blattisociidae) on spontaneous plants associated with *Jatropha curcas* in central Brazil. *Experimental and Applied Acarology*, 64(3), 309–319.
<https://doi.org/10.1007/s10493-014-9828-5>
 314. Demite, P.R., Gondim Jr., M.G.C., Lofego, A.C. & Moraes, G.J. de. (2014) A new species of *Galendromimus* Muma from Brazil (Acari: Phytoseiidae), with a review of the tribe Galendromimini Chant & McMurtry. *Zootaxa*, 3835(4), 593–599.
<https://doi.org/10.11646/zootaxa.3835.4.10>
 315. Demite, P.R., McMurtry, J. & Moraes, G.J. de (2014) Phytoseiidae Database: a website for taxonomic and distributional information on phytoseiid mites (Acari). *Zootaxa*, 3795(5), 571–577.
<https://doi.org/10.11646/zootaxa.3795.5.6>
 316. Esteca, F.C.N., Perez-Madruga, Y., Britto, E.P.J. & Moraes, G.J. de. (2014) Does the ability of *Blattisocius* species to prey on mites and insects vary according to the relative length of the cheliceral digits? *Acarologia*, 54(3), 359–365.
<https://doi.org/10.1051/acarologia/20142133>
 317. Famah Sourassou, N., Hanna, R., Breeuwer, J.A.J., Negloh, K., Moraes, G.J. de & Sabelis, M.W. (2014) The endosymbionts *Wolbachia* and *Cardinium* and their effects in three populations of the predatory mite *Neoseiulus paspalivorus*. *Experimental and Applied Acarology*, 64(2), 207–221.
<https://doi.org/10.1007/s10493-014-9820-0>
 318. Jiménez, S., McMurtry, J.A. & Moraes, G.J. de (2014) Description of a new species of *Neoparaphytoseius* Chant and McMurtry (Acari: Mesostigmata: Phytoseiidae) from Peru, with a redefinition of the genus. *Zootaxa*, 3841(2), 293–300.
<https://doi.org/10.11646/zootaxa.3841.2.8>
 319. Moreira, G.F., Klompen, H. & Moraes, G.J. de. (2014) Redefinition of *Cosmolaelaps* Berlese (Acari: Laelapidae) and description of five new species from Brazil. *Zootaxa*, 3764(3), 317–346.
<https://doi.org/10.11646/zootaxa.3764.3.4>
 320. Sanchez Martinez, L., Flechtmann, C.H.W. & Moraes, G.J. de. (2014) Plant mites of the Dominican Republic, with a description of a new species of *Petrobia* (*Tetranychina*) Wainstein, 1960 (Acari, Prostigmata, Tetranychidae)

- and a key to the species of this subgenus. *Zootaxa*, 3846(4), 547–560.
<https://doi.org/10.11646/zootaxa.3846.4.3>
321. Silva, R.V., Narita, J.P.Z., Vichitbandha, P., Chandrapatya, A., Konvipasruang, P., Kongchuensin, M. & Moraes, G.J. de. (2014) Prospection for predatory mites to control coconut pest mites in Thailand, with taxonomic descriptions of collected Mesostigmata (Acari). *Journal of Natural History*, 48(11–12), 699–719.
<https://doi.org/10.1080/00222933.2013.839842>
 322. Argolo, P.S., Moraes, G.J. de & Oliveira, A.R. (2015) A new species of *Amblyseius* (Acari: Phytoseiidae) in the State of Bahia, Brazil. *Florida Entomologist*, 98(2), 749–751.
<https://doi.org/10.1653/024.098.0252>
 323. Argolo, P.S., Souza, I.V., Gondim Jr., M.G.C., Moraes, G.J. de, Bittencourt, M.A.L. & Oliveira, A.R. (2015) Phytoseiid mites from tropical fruit trees in Bahia State, Brazil (Acari, Phytoseiidae). *ZooKeys*, 533, 99–131.
<https://doi.org/10.3897/zookeys.533.5981>
 324. Barbosa, M.F.C. & Moraes, G.J. de (2015) Evaluation of astigmatid mites as factitious food for rearing four predaceous phytoseiid mites (Acari: Astigmata; Phytoseiidae). *Biological Control*, 91, 22–26.
<https://doi.org/10.1016/j.biocontrol.2015.06.010>
 325. Britto, E.P.J., Finotti, A.S. & Moraes, G.J. de. (2015) Diversity and population dynamics of Ascidae, Blattisociidae and Melicharidae (Acari: Mesostigmata) in tropical flowers in Brazil. *Experimental and Applied Acarology*, 66(2), 203–217.
<https://doi.org/10.1007/s10493-015-9904-5>
 326. Castilho, R.C., Duarte, V.S., Moraes, G.J. de, Westrum, K., Trandem, N., Rocha, L.C.D., Delalibera, I. & Klingen, I. (2015) Two-spotted spider mite and its natural enemies on strawberry grown as protected and unprotected crops in Norway and Brazil. *Experimental and Applied Acarology*, 66(4), 509–528.
<https://doi.org/10.1007/s10493-015-9913-4>
 327. Cavalcante, A.C.C., Santos, V.L.V., Rossi, L.C. & Moraes, G.J. de. (2015) Potential of five Brazilian populations of Phytoseiidae (Acari) for the biological control of *Bemisia tabaci* (Insecta: Hemiptera). *Journal of Economic Entomology*, 108(1), 29–33.
<https://doi.org/10.1093/jee/tou003>
 328. Cruz, W.P., Krug, C., Vasconcelos, G.J.N. & Moraes, G.J. de. (2015) Diversity of mites associated with *Raoiella indica* (Acari: Prostigmata) on coconut palms in the central region of the Brazilian Amazonia, with emphasis on the predaceous Phytoseiidae (Acari: Mesostigmata). *Systematic & Applied Acarology*, 20(8), 875–886.
<https://doi.org/10.11158/saa.20.8.4>
 329. Di Palma, A., Moraes, G.J. de, Gerdeman, B.S., Huber, S., Kitajima, E.W. & Alberti, G. (2015) Ultrastructural and functional adaptations of the female reproductive system in the family Heterozetidae (Acari, Anactinotrichida, Gamasida, Heterozetina) and implications for the systematic position of the group. *Arthropod Structure and Development*, 44(6), 639–655.
<https://doi.org/10.1016/j.asd.2015.09.002>
 330. Famah Sourassou, N., Moraes, G.J. de, Delalibera Jr., I. & Soares Corrêa, A. (2015) Phylogenetic analysis of Ascidae *sensu lato* and related groups (Acari: Mesostigmata: Gamasina) based on nuclear ribosomal DNA partial sequences. *Systematic & Applied Acarology*, 20(3), 225–240.
<https://doi.org/10.11158/saa.20.3.1>
 331. Gonçalves, D., Cunha, U.S., Bampi, P.M., Moraes, G.J. de & Ferla, N.J. (2015) Phytoseiid mites (Acari: Mesostigmata) from araucaria forest of the State of Rio Grande do Sul, Brazil, with new records and descriptions of four new species. *Zootaxa*, 4032(5), 569–581.
<https://doi.org/10.11646/zootaxa.4032.5.6>
 332. Lofego, A.C., Demite, P.R. & Moraes, G.J. de. (2015) A new genus and species of Tarsonemidae (Acari: Heterostigmata) from the Atlantic Forest, Brazil. *Zootaxa*, 3986(5), 561–568.
<https://doi.org/10.11646/zootaxa.3986.5.3>
 333. Lopes, P.C., McMurtry, J.A. & Moraes, G.J. de. (2015) Definition of the *concordis* species group of the genus *Euseius* (Acari: Phytoseiidae), with a morphological reassessment of the species included. *Zootaxa*, 4048(2), 174–190.
<https://doi.org/10.11646/zootaxa.4048.2.2>
 334. Moraes, G.J. de, Abo-Shnaf, R.I.A., Pérez-Madruga, Y., Sánchez, L., Karmakar, K. & Ho, C.-C. (2015) The *Lasioseius phytoseioides* species group (Acari: Blattisociidae): new characterisation, description of a new species, complementary notes on seven described species and a taxonomic key for the group. *Zootaxa*, 3980(1), 1–41.
<https://doi.org/10.11646/zootaxa.3980.1.1>
 335. Moreira, G.F., Morais, M.R., Busoli, A.C. & Moraes, G.J. de. (2015) Life cycle of *Cosmolaelaps jaboticabalensis*

- (Acari: Mesostigmata: Laelapidae) on *Frankliniella occidentalis* (Thysanoptera: Thripidae) and two factitious food sources. *Experimental and Applied Acarology*, 65(2), 219–226.
<https://doi.org/10.1007/s10493-014-9870-3>
336. Narita, J.P.Z., Abduch, W.Y., Moraes, G.J. de & Klinge, I. (2015) Description of a new species of *Ameroseius* Berlese (Acari: Ameroseiidae) from Norway, with a key to related species. *Zootaxa*, 4034(2), 390–398.
<https://doi.org/10.11646/zootaxa.4034.2.10>
 337. Oliveira, D.C., Chandrapatya, A. & Moraes, G.J. de. (2015) A new species of *Blattisocius* (Acari: Mesostigmata: Blattisociidae), with a new characterisation of the genus. *Zootaxa*, 4040(1), 93–100.
<https://doi.org/10.11646/zootaxa.4040.1.8>
 338. Santos, J.C., Castilho, R.C., Silva, E.S. & Moraes, G.J. de. (2015) Two new species of *Rykellus* (Acari: Mesostigmata: Ologamasidae) from Brazil and a key to the world species of the genus. *Zootaxa*, 3926(1), 111–121.
<https://doi.org/10.11646/zootaxa.3926.1.5>
 339. Santos, J.C., Castilho, R.C., Silva, E.S. & Moraes, G.J. de. (2015) Two new species of *Ologamasus* (Acari: Mesostigmata: Ologamasidae) from Brazil with a key to the world species of the genus. *Zootaxa*, 4058(2), 267–277.
<https://doi.org/10.11646/zootaxa.4058.2.8>
 340. Sourassou, N.F., Moraes, G.J. de & Santos, J.C. (2015) *Orolaelaps* (Acari: Mesostigmata: Melicharidae): description of two new species, redescription of *Orolaelaps quisqualis* and new characterisation of the genus. *Zootaxa*, 4039(2), 312–322.
<https://doi.org/10.11646/zootaxa.4039.2.6>
 341. Sousa, J.M., Gondim Jr., M.G., Lofego, A.C. & Moraes, G.J. de. (2015) Mites on Annonaceae species in northeast Brazil and in the state of Para. *Acarologia*, 55(1), 5–18.
<https://doi.org/10.1051/acarologia/20152147>
 342. Vásquez, C., Colmenárez, Y. & Moraes, G.J. de. (2015) Life cycle of *Raoiella indica* (Acari: Tenuipalpidae) on ornamental plants, mostly Arecaceae. *Experimental and Applied Acarology*, 65(2), 227–235.
<https://doi.org/10.1007/s10493-014-9858-z>
 343. Abo-Shnaf, R.I.A. & Moraes, G.J. de. (2016) *Proctolaelaps* species (Acari: Mesostigmata: Melicharidae) from Egypt, with description of a new species and complementary descriptions of other five species. *Zootaxa*, 4162(3), 479–503.
<https://doi.org/10.11646/zootaxa.4162.3.4>
 344. Abo-Shnaf, R.I., Sánchez, L. & Moraes, G.J. de. (2016) Plant inhabiting Gamasina mites (Acari: Mesostigmata) from the Dominican Republic, with descriptions of four new species of *Lasioseius* (Blattisociidae) and complementary descriptions of other species. *Systematic & Applied Acarology*, 21(5), 607–646.
<https://doi.org/10.11158/saa.21.5.5>
 345. Azevedo, L.H., Castilho, R.C. & Moraes, G.J. de. (2016) Suitability of the litchi erineum mite, *Aceria litchi* (Keifer), as prey for the mite *Phytoseius intermedius* Evans & MacFarlane (Acari: Eriophyidae, Phytoseiidae). *Systematic & Applied Acarology*, 21(3), 270–278.
<https://doi.org/10.11158/saa.21.3.2>
 346. Bagheri, M., Paktinat-Saeij, S., Castro, T.M.M.G. & Moraes, G.J. de. (2016) A new species of *Cunaxoides* (Acari: Trombidiformes: Cunaxidae) from Iran. *Persian Journal of Acarology*, 5(1), 1–8.
<https://doi.org/10.22073/pja.v5i1.16976>
 347. Barbosa, M.F.C. & Moraes, G.J. de. (2016) Potential of astigmatid mites (Acari: Astigmata) as prey for rearing edaphic predatory mites of the families Laelapidae and Rhodacaridae (Acari: Mesostigmata). *Experimental and Applied Acarology*, 69(3), 289–296.
<https://doi.org/10.1007/s10493-016-0043-4>
 348. Barbosa, M.F.C., Oconnor, B.M. & Moraes, G.J. de. (2016) A new species of *Thyreophagus* (Acari: Acaridae) from Brazil, with notes on species associated with stored food and human habitats and a key to species of this genus. *Zootaxa*, 4088(2), 279–291.
<https://doi.org/10.11646/zootaxa.4088.2.9>
 349. Castilho, R.C., Silva, E.S., Moraes, G.J. de & Halliday, B. (2016) Catalogue of the family Ologamasidae Ryke (Acari: Mesostigmata). *Zootaxa*, 4197(1), 1–147.
<https://doi.org/10.11646/zootaxa.4197.1.1>
 350. Duarte, A.F., Castilho, R.C., Cunha, U.S. & Moraes, G.J. de. (2016) A new species of *Binodacarus* (Acari: Mesostigmata: Rhodacaridae), with a new characterization of the genus. *Systematic & Applied Acarology*, 21(9), 1194–1201.
<https://doi.org/10.11158/saa.21.9.4>

351. Fan, Q.-H., Flechtmann, C.H.W. & Moraes, G.J. de. (2016) Annotated catalogue of Stigmaeidae (Acari: Prostigmata), with a pictorial key to genera. *Zootaxa*, 4176(1), 1–199.
<https://doi.org/10.11646/zootaxa.4176.1.1>
352. Massaro, M., Martin, J.P.I. & Moraes, G.J. de. (2016) Factitious food for mass production of predaceous phyto-seiid mites (Acari: Phytoseiidae) commonly found in Brazil. *Experimental and Applied Acarology*, 70(4), 411–420.
<https://doi.org/10.1007/s10493-016-0087-5>
353. Moraes, G.J. de, Britto, E.P.J., Mineiro, J.L.C. & Halliday, B. (2016) Catalogue of the mite families Ascidae Voigts & Oudemans, Blattisociidae Garman and Melicharidae Hirschmann (Acari: Mesostigmata). *Zootaxa*, 4112(1), 1–299.
<https://doi.org/10.11646/zootaxa.4112.1.1>
354. Narita, J.P.Z. & Moraes, G.J. de. (2016) A new species of *Epicriopsis* Berlese (Acari: Mesostigmata: Ameroseiidae) from Brazil, with a key to the world species of the genus. *Zootaxa*, 4114(4), 477–484.
<https://doi.org/10.11646/zootaxa.4114.4.7>
355. Paktinat-Saeij, S., Bagheri, M., Castro, T.M.M.G. & Moraes, G.J. de. (2016) Two new species of *Eustigmaeus* Berlese (Acari: Trombidiformes: Stigmaeidae) from Brazil, with a key to the American species. *Zootaxa*, 4066(5), 571–580.
<https://doi.org/10.11646/zootaxa.4066.5.5>
356. Paktinat-Saeij, S., Bagheri, M., Marticorena, J.L.M. & Moraes, G.J. de. (2016) A new species of *Stigmaeus* (Acari: Trombidiformes: Stigmaeidae) from Brazil. *Persian Journal of Acarology*, 5(4), 281–289.
<https://doi.org/10.22073/pja.v5i4.21949>
357. Paktinat-Saeij, S., Castro, T.M.M.G., Bagheri, M., Skvarla, M. & Moraes, G.J. de. (2016) Two new species and eight new combinations of Pulaeini Berlese (Acari: Cunaxidae) from Iran, with key to species of *Lupaeus* and *Pulaeus* in the world. *Systematic & Applied Acarology*, 21(6), 778–790.
<https://doi.org/10.11158/saa.21.6.5>
358. Rueda-Ramírez, D., Varela, A. & Moraes, G.J. de. (2016) Soil mites of the families Ascidae, Blattisociidae and Melicharidae (Acari: Mesostigmata) from mountainous areas of Colombia. *Zootaxa*, 4127(3), 493–514.
<https://doi.org/10.11646/zootaxa.4127.3.5>
359. Sá, L.A.N., Pessoa, M.C.P.Y., Moraes, G.J. de, Marinho-Prado, J.S., Prado, S.S. & Vasconcelos, R.M. (2016) Quarantine facilities and legal issues of the use of biocontrol agents in Brazil. *Pesquisa Agropecuária Brasileira*, 51(5), 502–509.
<https://doi.org/10.1590/S0100-204X2016000500010>
360. Santos, J.C. & Moraes, G.J. de. (2016) A new species of *Leioseius* (Acari: Ascidae) from Brazil, redescription of *Leioseius basis* and a key for separation of the world species of the genus. *Zootaxa*, 4158(1), 52–64.
<https://doi.org/10.11646/zootaxa.4158.1.2>
361. Santos, R.S., Moraes, G.J. de, Salimena, F.R. & Ferreira, C. (2016) *Priva lappulacea* (L.) Pers. (Verbenaceae): Nova hospedeira de *Tetranychus gigas* Pritchard & Baker (Acari: Tetranychidae) no Brasil. *EntomoBrasilis*, 9(3), 216–219.
<https://doi.org/10.12741/ebrasilis.v9i3.642>
362. Silva, F.R., Moraes, G.J. de, Lesna, I., Sato, Y., Vasquez, C., Hanna, R., Sabelis, M.W. & Janssen, A. (2016) Size of predatory mites and refuge entrance determine success of biological control of the coconut mite. *Biocontrol*, 61(6), 681–689.
<https://doi.org/10.1007/s10526-016-9751-2>
363. Venancio, R., Moraes, G.J. de, Castilho, R.C., Iwanicki, N., Moreira, G.F., Grova, L., Westrum, K. & Klinge, I. (2016) Diversity of soil gamasine mites (Acari: Mesostigmata) co-occurring with *Ixodes ricinus* tick (Acari: Ixodidae) in pastures of western Norway. *Systematic & Applied Acarology*, 21(4), 385–397.
<https://doi.org/10.11158/saa.21.4.1>
364. Azevedo, L.H., Castilho, R.C., Berto, M.M. & Moraes, G.J. de. (2017) Macrochelid mites (Mesostigmata: Macrochelidae) from São Paulo state, Brazil, with description of a new species of *Macrocheles*. *Zootaxa*, 4269(3), 413–426.
<https://doi.org/10.11646/zootaxa.4269.3.5>
365. Britto, E.P.J., Barreto, M.R. & Moraes, G.J. de. (2017) Description of a new species of *Asca* Heyden (Acari: Ascidae), from Mato Grosso, northwestern Brazil. *International Journal of Acarology*, 43(4), 286–290.
<https://doi.org/10.1080/01647954.2017.1293731>
366. Cavalcante, A.C.C., Famah Sourassou, N. & Moraes, G.J. de. (2017) Potential predation of the exotic *Amblyseius swirskii* on *Euseius concordis* (Acari: Phytoseiidae), a predatory mite commonly found in Brazil. *Biocontrol Sci-*

- ence and Technology, 27(2), 288–293.
<https://doi.org/10.1080/09583157.2016.1272096>
367. Cavalcante, A.C.C., Mandro, M., Paes, E.R. & Moraes, G.J. de (2017) *Amblyseius tamatavensis* Blommers (Acari: Phytoseiidae) a candidate for biological control of *Bemisia tabaci* (Gennadius) biotype B (Hemiptera: Aleyrodidae) in Brazil. *International Journal of Acarology*, 43(1), 10–15.
<https://doi.org/10.1080/01647954.2016.1225816>
 368. Demite, P.R., Cruz, W.P., McMurtry, J.A. & Moraes, G.J. de. (2017) *Amazoniaseius imparisetosus* n. sp., n. g.: an unusual new phytoseiid mite (Acari: Phytoseiidae) from the Amazon forest. *Zootaxa*, 4236(2), 302–310.
<https://doi.org/10.11646/zootaxa.4236.2.5>
 369. Duarte, A.F., Moreira, G.F., Cunha, U.S. & Moraes, G.J. de. (2017) *Cosmolaelaps* Berlese (Mesostigmata: Laelapidae) from southern Brazil, with a new record of a heteromorphic male, description of a new species, and a key to the species reported from that country. *Zootaxa*, 4286(4), 535–544.
<https://doi.org/10.11646/zootaxa.4286.4.6>
 370. Esteca, F.C.N., Dainese, C.N., Rodrigues, L.R., Lourenção, A.L., Passos, F.A. & Moraes, G.J. de. (2017) Resistance of new strawberry genotypes to the two-spotted spider mite (Acari: Tetranychidae). *Journal of Agricultural Science*, 9(8), 119–129.
<https://doi.org/10.5539/jas.v9n8p119>
 371. Famah Sourassou, N., Almeida Sarmento, R. & Moraes, G.J. de. (2017) Description of a new species of the *Amblydromalus limonicus* (Acari: Phytoseiidae) species group based on morphological and molecular evidences. *International Journal of Acarology*, 43(5), 374–379.
<https://doi.org/10.1080/01647954.2017.1317021>
 372. Gómez-Moya, C.A., Lima, T.P.S., Morais, E.G.F., Gondim Jr., M.G.C. & Moraes, G.J. de. (2017) Hosts of *Raoiella indica* Hirst (Acari: Tenuipalpidae) native to the Brazilian Amazon. *Journal of Agricultural Science*, 9(4), 86–94.
<https://doi.org/10.5539/jas.v9n4p86>
 373. Moraes, G.J. de & Johnson, M.W. (2017) James Allen McMurtry: an unforgettable man and professional, with a list of his publications. *Acarologia*, 57(4), 1121–1129.
<https://doi.org/10.24349/acarologia/20174231>
 374. Oliveira, A.R., Argolo, P.S., Moraes, G.J. de, Norton, R.A. & Schatz, H. (2017) A checklist of the oribatid mite species (Acari: Oribatida) of Brazil. *Zootaxa*, 4245(1), 1–89.
<https://doi.org/10.11646/zootaxa.4245.1.1>
 375. Santos, J.C., Imeuda, P.F. & Moraes, G.J. de. (2017) Two new species of *Cheiroseius* Berlese (Acari: Blattisociidae), with a key for identification of the species from Brazil. *Zootaxa*, 4324(1), 108–120.
<https://doi.org/10.11646/zootaxa.4324.1.6>
 376. Santos, J.C., Moraes, G.J. de & Demite, P.R. (2017) First record of *Proprioseiopsis citri* (Muma) (Acari: Phytoseiidae) from Brazil with a complementary description. *International Journal of Acarology*, 43(2), 165–168.
<https://doi.org/10.1080/01647954.2016.1267260>
 377. Santos, J.C., Martins, J. P.I., Britto, E.P.J. & Moraes, G.J. de. (2017) A new species of *Podocinum* (Acari: Podocinidae) from Brazil, and supplementary descriptions of three species of this genus. *Zootaxa*, 4290(3), 444–458.
<https://doi.org/10.11646/zootaxa.4290.3.2>
 378. Santos, M.D., Castilho, R.C., Moraes, G.J. de & Silva, E.S. (2017) Two new species of *Afrodacarellus* (Acari: Mesostigmata: Rhodacaridae) from Brazil and a key to the world species of the genus. *Zootaxa*, 4363(3), 409–420.
<https://doi.org/10.11646/zootaxa.4363.3.6>
 379. Sousa, A.S.G., Argolo, P.S., Gondim Jr., M.G.C., Moraes, G.J. de & Oliveira, A.R. (2017) Influence of fruit age of the Brazilian Green Dwarf coconut on the relationship between *Aceria guerreronis* population density and percentage of fruit damage. *Experimental and Applied Acarology*, 72(4), 329–337.
<https://doi.org/10.1007/s10493-017-0152-8>
 380. Amaral, I., Moraes, G.J. de, Melville, C.C. & Andrade, D.J. (2018) Factors affecting prevailing population levels of *Brevipalpus yothersi* (Acari: Tenuipalpidae) in citrus areas affected by citrus leprosis in the State of Sao Paulo, Brazil. *Experimental and Applied Acarology*, 74(4), 395–402.
<https://doi.org/10.1007/s10493-018-0239-x>
 381. Argolo, P.S., Santos, J.C., Oliveira, A.R. & Moraes, G.J. de. (2018) Two new species of *Lasioseius* Berlese (Acari: Blattisociidae) from Brazil, and a key for separation of the Brazilian species of the genus. *Systematic & Applied Acarology*, 23(8), 1567–1577.
<https://doi.org/10.11158/saa.23.8.7>
 382. Azevedo, L.H., Ferreira, M.P., Castilho, R.C., Cançado, P.H.D. & Moraes, G.J. de. (2018) Potential of *Macroche-*

- les species (Acari: Mesostigmata: Macrochelidae) as control agents of harmful flies (Diptera) and biology of *Macrocheles emersoni* Azevedo, Castilho and Berto on *Stomoxys calcitrans* (L.) and *Musca domestica* L. (Diptera: Muscidae). *Biological Control*, 123, 1–8.
<https://doi.org/10.1016/j.biocontrol.2018.04.013>
383. Demite, P.R., Cruz, W.P., Bolton, S. & Moraes, G.J. de. (2018) Redescription of *Honduriella maxima* Denmark & Evans (Acari: Mesostigmata: Phytoseiidae), description of a new species of *Honduriella* Denmark & Evans from the Amazonian Forest, and a modified characterisation of the genus. *Zootaxa*, 4442(2), 331–337.
<https://doi.org/10.11646/zootaxa.4442.2.9>
 384. Duarte, A.F., Cunha, U.S. & Moraes, G.J. de (2018) Suitability of edaphic arthropods as prey for *Proctolaelaps bickleyi* and *Cosmolaelaps brevistilis* (Acari: Mesostigmata: Melicharidae, Laelapidae) under laboratory conditions. *Experimental and Applied Acarology*, 74(3), 275–282.
<https://doi.org/10.1007/s10493-018-0229-z>
 385. Esteca, F.C.N., Rodrigues, L.R., Moraes, G.J. de, Delalibera Jr., I. & Klingen, I. (2018) Mulching with coffee husk and pulp in strawberry affects edaphic predatory mite and spider mite densities. *Experimental and Applied Acarology*, 76(2), 161–183.
<https://doi.org/10.1007/s10493-018-0309-0>
 386. Ferreira, C.T., Krug, C., Garcia, M.V.B. & Moraes, G.J. de. (2018) Leprosis mite and other mite species (Acari) associated to orange groves in Brazilian Central Amazon. *Systematic & Applied Acarology*, 23(3), 449–462.
<https://doi.org/10.11158/saa.23.3.4>
 387. Figueiredo, E.S., Massaro, M., Carmo, S. & Moraes, G.J. de. (2018) Rearing system for the predatory phytoseiid *Euseius concordis* (Acari: Phytoseiidae). *Experimental and Applied Acarology*, 74(1), 13–23.
<https://doi.org/10.1007/s10493-018-0212-8>
 388. Lefors, J.A., Johnson, D.T., Kirkpatrick, T., Woodruff, T. & Moraes, G.J. de. (2018) A two step centrifugation method with water and sucrose to separate mites from raw extracts of Tullgren funnels. *Systematic & Applied Acarology*, 23(5), 860–867.
<https://doi.org/10.11158/saa.23.5.6>
 389. Lopes, P.C., Kanno, R.H., Sourassou, N.F. & Moraes, G.J. de. (2018) Effect of temperature and diet on the morphology of *Euseius concordis* (Acari: Phytoseiidae). *Systematic & Applied Acarology*, 23(7), 1322–1332.
<https://doi.org/10.11158/saa.23.7.9>
 390. Ramírez, M.B., Arias, O.R., Gómez, V.A. & Moraes, G.J. de. (2018) First record of the mite *Mononychellus planki* (Acari: Tetranychidae) in soybean crop from Paraguay. *Revista de la Sociedad Entomológica Argentina*, 77(1), 24–26.
<https://doi.org/10.25085/rsea.770104>
 391. Santos, J.C., Rueda-Ramírez, D., Demite, P.R. & Moraes, G.J. de (2018) Ascidae, Blattisociidae and Melicharidae (Acari: Mesostigmata): zoogeographic analyses based on newly available databases. *Zootaxa*, 4377(4), 542–564.
<https://doi.org/10.11646/zootaxa.4377.4.4>
 392. Theron, P.D. & Moraes, G.J. de. (2018) More than 40 years of excellence: the outstanding contribution of the South African Edward A. Ueckermann to acarology. *Systematic & Applied Acarology*, 23(7), 1480.
<https://doi.org/10.11158/saa.23.7.15>
 393. Rueda-Ramírez, D., Rios-Malaver, D., Varela-Ramírez, A. & Moraes, G.J. de (2018) Colombian population of the mite *Gaeolaelaps aculeifer* as a predator of the thrips *Frankliniella occidentalis* and the possible use of an astigmatid mite as its factitious prey. *Systematic & Applied Acarology*, 23(12), 2359–2372.
<https://doi.org/10.11158/saa.23.12.8>
 394. Azevedo, L.H., Leite, L.G., Chacon-Orozco, J.G., Moreira, M.F.P., Ferreira, M.P., González-Cano, L.M., Borges, V., Rueda-Ramírez, D., Moraes, G.J. de & Palevsky, E. (2019) Free living nematodes as alternative prey for soil predatory mites: An interdisciplinary case study of conservation biological control. *Biological Control*, 132, 128–134.
<https://doi.org/10.1016/j.biocontrol.2019.02.007>
 395. Carvalho, A.N., Argolo, P.S., Ferragut, F., Moraes, G.J. de, Beaulieu, F., Navia, D. & Oliveira, A.R. (2019) New morphological data for *Leonseius regularis* (De Leon) (Acari: Phytoseiidae) and a description of a new species of the genus from Brazil. *Systematic & Applied Acarology*, 24(11), 2119–2132.
<https://doi.org/10.11158/saa.24.11.7>
 396. Cruz, J.B., Massaro, M.R.S. & Moraes, G.J. de. (2019) Biology of *Mononychellus planki* (Acari: Tetranychidae) on *Calopogonium mucunoides* (Plantae: Fabaceae). *Acarologia*, 59(4), 571–576.
<https://doi.org/10.24349/acarologia/20194350>
 397. Cruz, W.P., Krug, C., Vasconcelos, G.J.N. & Moraes, G.J. de. (2019) Mite (Arachnida: Acari) diversity and abun-

- dance on oil palms in the central region of the Brazilian Amazonia. *Systematic & Applied Acarology*, 24(9), 1736–1750.
<https://doi.org/10.11158/saa.24.9.10>
398. Jacobsen, S.K., Moraes, G.J. de, Sørensen, H. & Sigsgaard, L. (2019) Organic cropping practice decreases pest abundance and positively influences predator-prey interactions. *Agriculture, Ecosystems and Environment*, 272, 1–9.
<https://doi.org/10.1016/j.agee.2018.11.004>
399. Lofego, A.C., Cavalcante, A.C.C., Demite, P.R., Rezende, J.M., Ochoa, R. & Moraes, G.J. de. (2019) Reinstatement of *Metatarsonemus* Attiah (Acari: Tarsonemidae), with description of a new species, redefinition of the genus and a key to the world species. *Zootaxa*, 4711(2), 307–329.
<https://doi.org/10.11646/zootaxa.4711.2.5>
400. Massaro, M. & Moraes, G.J. de. (2019) Predation and oviposition potential of Brazilian populations of the predatory mite *Amblyseius tamatavensis* (Acari: Phytoseiidae) on eggs of *Bemisia tabaci* (Insecta: Hemiptera). *Acarologia*, 59(1), 120–128.
<https://doi.org/10.1016/j.agee.2018.11.004>
401. Melo, E.A.S., Gondim Jr., M.G., Moraes, G.J. de & Oliveira, A.R. (2019) A description of the male of *Cocoseius elsalvador* Denmark and Andrews (Acari: Phytoseiidae: Typhlodrominae). *Acarologia*, 59(1), 129–133.
<https://doi.org/10.24349/acarologia/20194317>
402. Rueda-Ramírez, D., Rios-Malaver, D., Varela-Ramírez, A. & Moraes, G.J. de. (2019) Biology and predation capacity of *Parasitus bituberosus* (Acari: Mesostigmata: Parasitidae) on *Frankliniella occidentalis* (Thysanoptera: Thripidae), and free-living nematodes as its complementary prey. *Pest Management Science*, 75(7), 1819–1830.
<https://doi.org/10.1002/ps.5326>
403. Rueda-Ramírez, D., Santos, J.C., Sourassou, N.F., Demite, P.R., Puerta-González, A. & Moraes, G.J. de (2019) Complementary description of *Africoseius lativentris* and placement of *Africoseius* in Podocinidae (Acari, Mesostigmata) based on molecular and morphological evidences. *Systematic & Applied Acarology*, 24(12), 2369–2394.
<https://doi.org/10.11158/saa.24.12.7>
404. Santos, J.C., Mineiro, J.L.C. & Moraes, G.J. de. (2019) Complementary description of *Podocinella misella* (Berlese, 1913) (Acari: Podocinidae) and a key to world species of the genus. *Acarologia*, 59(2), 181–187.
<https://doi.org/10.24349/acarologia/20194321>
405. Savi, P.J., Moraes, G.J. de, Boiça Junior, A.L., Carvalho, R.F., Lourenção, A.L. & Andrade, D.J. (2019) Impact of leaflet trichomes on settlement and oviposition of *Tetranychus evansi* (Acari: Tetranychidae) in African and South American tomatoes. *Systematic & Applied Acarology*, 24(12), 2559–2576.
<https://doi.org/10.11158/saa.24.12.19>
406. Azevedo, L.H., Moreira, M.F.P., Pereira, G.G., Borges, V., Moraes, G.J. de, Inomoto, M.M., Vicente, M.H., Siqueira Pinto, M., Peres, L.E.P., Rueda-Ramírez, D., Carta, L., Meyer, S.L.F., Mowery, J., Baughan, G., Ochoa, R. & Palevsky, E. (2020) Combined releases of soil predatory mites and provisioning of free-living nematodes for the biological control of root-knot nematodes on ‘Micro Tom tomato’. *Biological Control*, 146, 104280.
<https://doi.org/10.1016/j.biocontrol.2020.104280>
407. Barbosa, M.F.C. & Moraes, G.J. de. (2020) *Rhizoglyphus* mites (Acari: Astigmata: Acaridae) from Brazil, with complementary description of *Rhizoglyphus vicantus* Manson. *Systematic & Applied Acarology*, 25(2), 360–378.
<https://doi.org/10.11158/saa.25.2.12>
408. Barros, A.R.A., Castilho, R.C. & Moraes, G.J. de. (2020) Catalogue of the mite family Podocinidae Berlese (Acari: Mesostigmata). *Zootaxa*, 4802(1), 141–156.
<https://doi.org/10.11646/zootaxa.4802.1.9>
409. Bizarro, G.L., Wurlitzer, W.B., Britto, E.P.J., Johann, L., Ferla, N.J., Moraes, G.J. de & Silva, G.L. (2020) Two new species (Acari: Tydeidae: Eupodidae) from Mato Grosso, Brazil. *International Journal of Acarology*, 46(7), 538–543.
<https://doi.org/10.1080/01647954.2020.1825527>
410. Castro, M.C., Barros, A.R.A., Azevedo, E.B., Britto, E.P.J., Castilho, R.C. & Moraes, G.J. de (2020) A new species of *Gamasellodes* Athias-Henriot (Mesostigmata: Ascidae) from Brazil and a key to the world species of the genus. *Zootaxa*, 4801(2), 291–300.
<https://doi.org/10.11646/zootaxa.4801.2.5>
411. Castro, E.B., Mesa, N.C., Feres, R.J.F., Moraes, G.J. de, Ochoa, R., Beard, J. & Demite, P.R. (2020) A newly available database of an important family of phytophagous mites: Tenuipalpidae Database. *Zootaxa*, 4868(4), 577–

583.

<https://doi.org/10.11646/zootaxa.4868.4.7>

412. Duarte, A.F., Moreira, G.F., Cunha, U.S., Siqueira, P.R.E. & Moraes, G.J. de. (2020) Edaphic mesostigmatid mites (Parasitiformes, Mesostigmata) in a region of the Pampa biome of the state of Rio Grande do Sul, Brazil. *Ciência Rural*, 50(2), 20190043.
<https://doi.org/10.1590/0103-8478cr20190043>
413. Esteca, F.C.N., Borges, V., Santos, J.C., Neves, L.S. & Moraes, G.J. de (2020) Report of the mite *Lasioseius prorsoperitrematus* Abo-Shnaf, Sánchez & Moraes, 2016 (Acari: Blattisociidae) in Brazil associated with the insect *Sphenophorus levis* Vaurie, 1978 (Coleoptera: Curculionidae). *Entomological Communications*, 2, ec02028.
<https://doi.org/10.37486/2675-1305.ec02028>
414. Esteca, F.C.N., Trandem, N., Klingen, I., Santos, J.C., Delalibera Jr., I. & Moraes, G.J. de. (2020) Cereal straw mulching in strawberry? A facilitator of plant visits by edaphic predatory mites at night? *Diversity*, 12(6), 2–16.
<https://doi.org/10.3390/d12060242>
415. Ferreira, C.T., Krug, C. & Moraes, G.J. de (2020) Effect of pollen of different plant species on the oviposition of two phytoseiid mites (Acari: Phytoseiidae) commonly found in citrus orchards in the Brazilian Amazonia. *Acarologia*, 60(1), 22–29.
<https://doi.org/10.24349/acarologia/20204360>
416. Marticorena, J.L.M., Moreira, G.F. & Moraes, G.J. de. (2020) Mites of the genus *Gaeolaelaps* (Acari: Laelapidae) from southern Brazil, with description of two new species. *Zootaxa*, 4772(2), 333–348.
<https://doi.org/10.11646/zootaxa.4772.2.5>
417. Yamada, M. & Moraes, G.J. de. (2020) A key to the species of *Protogamasellus* (Acari: Ascidae), with a new species from the Brazilian Pantanal. *Zootaxa*, 4801(2), 343–354.
<https://doi.org/10.11646/zootaxa.4801.2.8>
418. Barbosa, M.F.C. & Moraes, G.J. de. (2021) Mites of the family Winterschmidtidae (Acari: Sarcoptiformes: Astigmatina) from agricultural habitats in Brazil, with description of a new species and a key to species reported. *Systematic & Applied Acarology*, 26(6), 1040–1054.
<https://doi.org/10.11158/saa.26.6.3>
419. Barbosa, M.F.C., Demite, P.R., Lofego, A.C., Vasconcelos, G.J.N. & Moraes, G.J. de. (2021) Further records of phytoseiid (Acari: Mesostigmata: Phytoseiidae) species for Brazil. *Entomological Communications*, 3, ec03048.
<https://doi.org/10.37486/2675-1305.ec03048>
420. Barros, A.R.A., Azevedo, E.B., Silva, E.S., Castilho, R.C. & Moraes, G.J. de. (2021) Diversity of edaphic Gamasina mites (Acari: Mesostigmata) in different ecosystems of the Caatinga biome in northeast Brazil. *Systematic & Applied Acarology*, 26(7), 1301–1313.
<https://doi.org/10.11158/saa.26.7.10>
421. Barros, A.R.A., Azevedo, E.B., Silva, E.S., Moraes, G.J. de & Castilho, R.C. (2021) A new species of *Geogamasus* Lee (Mesostigmata: Ologamasidae), with morphological details on species of the genus. *Systematic & Applied Acarology*, 26(1), 124–134.
<https://doi.org/10.11158/saa.26.1.7>
422. Bassini-Silva, R., Takatsu, J.C., Peinado, L.C., Faxina, C., Moreira-Lima, L., Fischer, E., Hingst-Zaher, E., Santos, J.C., Moraes, G.J. de, Dowling, A.P.G., Barros-Battesti, D.M. & Jacinavicius, F.C. (2021) Mites (Mesostigmata: Melicharidae) associated with hummingbirds (Aves: Trochilidae) in Brazil. *International Journal of Acarology*, 47(8), 714–718.
<https://doi.org/10.1080/01647954.2021.1980613>
423. Borges, V., Azevedo, L.H., Castilho, R.C. & Moraes, G.J. de. (2021) Diversity of macrochelid mites in natural and cultivated areas of São Paulo state, Brazil, with description of a new species of *Holostaspella* (Mesostigmata: Macrochelidae) and a key to the *caelata* group. *Systematic & Applied Acarology*, 26(9), 1751–1768.
<https://doi.org/10.11158/saa.26.9.9>
424. Castro, M.C., Azevedo, E.B., Britto, E.P.J., Barreto, M.R., Pitta, R.M., Castilho, R.C. & Moraes, G.J. de. (2021) Gamasina mite communities (Acari: Mesostigmata) in grain production systems of the southwestern Brazilian Amazon. *Systematic & Applied Acarology*, 26(1), 1–14.
<https://doi.org/10.11158/saa.26.1.1>
425. Demite, P.R., Rezende, J.M., Lofego, A.C., Amaral, F.S.R., Barreto, M.R. & Moraes, G.J. de. (2021) Phytoseiid mites (Acari: Mesostigmata: Phytoseiidae) from Mato Grosso State, central-western Brazil. *Anais da Academia Brasileira de Ciências*, 93(Suppl. 3), 1–10.
<https://doi.org/10.1590/0001-3765202120200729>
426. Jimenez, S., Demite, P.R. & Moraes, G.J. de (2021) First report of the predatory mite *Amblyseius tamatavensis*

- Blommers, 1974 (Acari: Phytoseiidae) in Peru, and a key for the separation of the *Amblyseius* species reported so far from that country. *Entomological Communications*, 3, ec03037.
<https://doi.org/10.37486/2675-1305.ec03037>
427. Jorge, S.J., Rueda-Ramírez, D. & Moraes, G.J. de. (2021) Predation capacity of phytoseiid mites (Mesostigmata: Phytoseiidae) from Brazil on eggs of *Diaphorina citri* (Hemiptera: Liviidae). *Phytoparasitica*, 49(4), 603–611.
<https://doi.org/10.1007/s12600-021-00898-9>
428. Kayal, S., Karmakar, K. & Moraes, G.J. de. (2021) Sources of infestation of the rice sheath mite, *Steneotarsonemus spinki* Smiley (Acari: Tarsonemidae), in West Bengal, India. *International Journal of Pest Management*, online
<https://doi.org/10.1080/09670874.2021.1973691>
429. Massaro, M., Montrazi, M., Melo, J.W.S. & Moraes, G.J. de. (2021) Small-scale production of *Amblyseius tamatavensis* with *Thyreophagus cracentiseta* (Acari: Phytoseiidae, Acaridae). *Insects*, 12(10), 848.
<https://doi.org/10.3390/insects12100848>
430. Melo, J.W.S., Jacinavicius, F.C., Castilho, R.C., Demite, P.R., Bassini-Silva, R. & Moraes, G.J. de. (2021) SIBAC (Simpósio Brasileiro de Acarologia) em tempos de conectividade. *Entomological Communications*, 3, ec03050.
<https://doi.org/10.37486/2675-1305.ec03050>
431. Melo-Molina, E.L., Santos, J.C., Moraes, G.J. de & Castilho, R.C. (2021) *Gamasiphis* species (Acari: Mesostigmata: Ologamasidae) from Ecuador, with description of a new species and new records. *Zootaxa*, 5068(3), 410–418.
<https://doi.org/10.11646/zootaxa.5068.3.5>
432. Merlin, B.L., Castilho, R.C. & Moraes, G.J. de. (2021) A new species of *Lasioseius* (Acari: Blattisociidae) from Brazil with morphological and DNA barcode data. *Zootaxa*, 5032(4), 583–599.
<https://doi.org/10.11646/zootaxa.5032.4.8>
433. Mesa-Cobo, N.C., Abo-Shnaf, R.I.A., Rueda-Ramírez, D.M., Castro, L.A.S. & Moraes, G.J. de. (2021) New species of *Gamasellodes* Athias-Henriot and *Zerconopsis* Hull (Mesostigmata: Ascidae) from Colombia, with a complement to a recently published key to the world species of *Gamasellodes*, and with a key to the world species of *Zerconopsis*. *Systematic & Applied Acarology*, 26(1), 166–184.
<https://doi.org/10.11158/saa.26.1.10>
434. Miranda, V.C., Azevedo, E.B., Cruz, W.P., Jorge, S.J., Pedro-Neto, M., Castilho, R.C., Tixier, M.-S., Moraes, G.J. de & Sarmento, R.A. (2021) Potential of the predatory mite *Amblydromalus zannoui* to control pest mites on *Jatropha curcas*. *BioControl*, 66(4), 487–496.
<https://doi.org/10.1007/s10526-021-10080-z>
435. Mondal, P., Ganguly, M., Karmakar, K. & Moraes, G.J. de. (2021) Two new species of *Tarsonemus* (Acari: Tarsonemidae) from the Indo-Gangetic plains of West Bengal, India, with brief notes on their bioecology. *Journal of Natural History*, 55(41–42), 2569–2588.
<https://doi.org/10.1080/00222933.2021.2001600>
436. Mondal, P., Ganguly, M., Karmakar, K., Lofego, A.C. & Moraes, G.J. de. (2021) A new species of *Steneotarsonemus* (Acari: Tarsonemidae) from common reed grass, *Phragmites australis* (Poaceae) in the wetlands of eastern India. *International Journal of Acarology*, 47(4), 289–300.
<https://doi.org/10.1080/01647954.2021.1900912>
437. Ortega-Ojeda, C.A., Santos, J.C., Melo-Molina, E.L. & Moraes, G.J. de. (2021) A new *Amblyseius* Berlese (Mesostigmata: Phytoseiidae) species from Ecuador, with a key to the *perditus* subgroup of the *largoensis* species group. *International Journal of Acarology*, 47(8), 660–663.
<https://doi.org/10.1080/01647954.2021.1980098>
438. Rueda-Ramírez, D., Varela Ramírez, A., Ebratt Ravelo, E. & Moraes, G.J. de. (2021) Edaphic mesostigmatid mites (Acari: Mesostigmata) and thrips (Insecta: Thysanoptera) in rose cultivation and secondary vegetation areas in the Bogotá plateau, Colombia. *International Journal of Acarology*, 47(1), 8–22.
<https://doi.org/10.1080/01647954.2020.1866666>
439. Savi, P.J., Gonzaga, R.F., Matos, S.T.S., Braz, L.T., Moraes, G.J. de & Andrade, D.J. (2021) Performance of *Tetranychus urticae* (Acari: Tetranychidae) on three hop cultivars (*Humulus lupulus*). *Experimental and Applied Acarology*, 84(4), 733–753.
<https://doi.org/10.1007/s10493-021-00643-1>
440. Savi, P.J., Martins, M.B., Moraes, G.J. de, Hountondji, F.C.C., & Andrade, D.J. (2021) Bioactivity of oxymatrine and azadirachtin against *Tetranychus evansi* (Acari: Tetranychidae) and their compatibility with the predator *Phytoseiulus longipes* (Acari: Phytoseiidae) on tomato. *Systematic & Applied Acarology*, 26(7), 1264–1279.
<https://doi.org/10.11158/saa.26.7.7>

441. Savi, P.J., Moraes, G.J. de & Andrade, D.J. (2021) Effect of tomato genotypes with varying levels of susceptibility to *Tetranychus evansi* on performance and predation capacity of *Phytoseiulus longipes*. *Biocontrol*, 66(5), 687–700.
<https://doi.org/10.1007/s10526-021-10096-5>
442. Silva, L.R.A., Silva, E.S., Marticorena, J.L.M. & Moraes, G.J. de. (2021) A new species of *Neoparaphytoseius* (Acari: Mesostigmata: Phytoseiidae) from Brazil, with a review of the genus. *Zootaxa*, 4985(2), 235–244.
<https://doi.org/10.11646/zootaxa.4985.2.6>
443. Abo-Shnaf, R., Narita, J.P.Z. & Moraes, G.J. de. (2022) Ameroseiid mites (Acari: Mesostigmata) from Egypt, with a complementary description of six species, and a key to the species recorded from the country. *Systematic & Applied Acarology*, 27(5), 934–967.
<https://doi.org/10.11158/saa.27.5.8>
444. Azevedo, L.H., Borges, V., Mesquita Filho, W., Castilho, R.C. & Moraes, G.J. de. (2022) Semi-field evaluation of the predation of and (Acari: Mesostigmata: Macrochelidae) on the house fly and the stable fly (Diptera: Muscidae). *Pest Management Science*, 78(3), 1029–1034.
<https://doi.org/10.1002/ps.6714>
445. Barbosa, M.F.C., Corrêa, A.S. & Moraes, G.J. de. (2022) *Acarus siro* L. (Astigmatina: Acaridae): First confirmed record for Brazil based on morphological and molecular characterization. *Journal of Stored Products Research*, 97, 101958.
<https://doi.org/10.1016/j.jspr.2022.101958>
446. Castro, E.B., Feres, R.J.F., Mesa, N.C. & Moraes, G.J. de. (2022) A new flat mite of the genus *Tenuipalpus* Donnadieu (Trombidiformes: Tenuipalpidae) from Brazil. *Systematic & Applied Acarology*, 27(2), 368–380.
<https://doi.org/10.11158/saa.27.2.10>
447. Childers, C.C., Ueckermann, E.A., Moraes, G.J. de. (2022) Phytoseiidae on citrus in Florida dooryard, varietal, and commercial trees between 1951 and 2014, and species recommendations for evaluation in citrus under protective screen (CUPS). *Florida Entomologist*, 105(1), 27–36.
<https://doi.org/10.1653/024.105.0105>
448. Demite, P.R., Cavalcante, A.C.C., Lofego, A.C., Rodrigues, R.R. & Moraes, G.J. de. (2022) Tarsonemid mites (Acari: Tarsonemidae) on myrtaceous plants of the Atlantic Forest, Brazil, with description of a new species of *Tarsonemus* Canestrini & Fanzago. *Zootaxa*, 5094(1), 153–168.
<https://doi.org/10.11646/zootaxa.5094.1.6>
449. Merlin, B.L., Ferreira, L.P., Godoy, W.A.C., Moraes, G.J. de & Cônsoli, F.L. (2022) Functional response of *Neoseiulus californicus* preying on *Tetranychus urticae* is affected by prey quality and host-plant acclimation. *Biological Control*, 165, 104811.
<https://doi.org/10.1016/j.biocontrol.2021.104811>
450. Rossini, L.A.C.J., Prado, T.J., Ferreira, R.J., Soares, P.L.M., Moraes, G.J. de & Castilho, R.C. (2022) Suitability of the soybean cyst nematode as prey to *Protoparasitopsis zaheri* (Acari: Mesostigmata: Rhodacaridae). *Biological Control*, 170, 104905.
<https://doi.org/10.1016/j.biocontrol.2022.104905>
451. Savi, P.J., Moraes, G.J. de, Carvalho, R.F. & Andrade, D.J. (2022) Bottom-up effects of breeding tomato genotypes on behavioural responses and performance of *Tetranychus evansi* population. *Journal of Pest Science*, 95(3), 1287–1301.
<https://doi.org/10.1007/s10340-021-01437-5>
452. Silva, C.A.D., Moraes, G.J. de, Castilho, R.C., Ramalho, F.S. & Lima, T.A. (2022) New parasitism record of *Pyemotes tritici* (LaGreze-Fossat and Montagne, 1851) (Acari: Pyemotidae) on boll weevils inside cotton squares. *Acarologia*, 62(2), 426–430.
<https://doi.org/10.24349/1ldq-iy5f>

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