

## Key paper for Simuliidae

[Reference list derived from the book *The Simuliidae of Brazil* Shelley *et al.* (2010) by Luis M. Hernández, The Natural History Museum; 20.April.2010]

---

### REFERENCES

- ADAMS, C. F. (1904): Notes on and descriptions of North American Diptera. - Kansas University Science Bulletin **2**: 433-455.
- ADLER, P. H. (1990): Two new species of black flies (Diptera: Simuliidae) from North America. - Proceedings of the Entomological Society of Washington, **92**: 431-443.
- ADLER, P.H., CURRIE, D.C. & WOOD, D.M. (2004). The black flies (Simuliidae) of North America. xv + 941pp. Cornell University Press, Ithaca, New York.
- ADLER, P.H., CURRIE, D.C. & D. M. WOOD (2004): *The black flies (Simuliidae) of North America*. - xv + 941 pp. Cornell University Press, Ithaca, New York.
- ADLER, P.H. & R. W CROSSKEY (2008): *World blackflies (Diptera: Simuliidae): a fully revised edition of the taxonomic and geographical inventory*. - <http://entweb.clemson.edu/biomia/pdfs/blackflyinventory.pdf>. 105 pp.
- ADLER, P.H. & R. W CROSSKEY (2009): *World blackflies (Diptera: Simuliidae): a comprehensive revision of the taxonomic and geographical inventory*. - <http://entweb.clemson.edu/biomia/pdfs/blackflyinventory.pdf>. 109 pp.
- AGATSUMA, T., UEMOTO, K. & A. J ONOFRE OCHOA (1986): Biochemical genetics of blackfly isozymes. 1. Isozyme variation among three species, *Simulium ochraceum*, *S. metallicum* and *S. horacioi* from Guatemala. - Japanese Journal of Sanitary Zoology, **37**: 1-9.
- AGATSUMA, T., HIRAI, H., OCHOA, J. O.& I. TADA (1993): Typing of *Simulium* using mitochondrial DNA PCR products with restriction endonuclease digestion. - Annals of Tropical Medicine and Parasitology **87**: 307-309.
- ALENCAR, Y.B. (1998): Alimentação e determinação biométrica de larvas de *Simulium perflavum* ROUBAUD, 1906 (Diptera: Simuliidae) em Igarapés da Amazônia Central, Brasil. – MSc dissertation, INPA, 146pp.
- ALENCAR, Y. B., HAMADA, N. & S. MAGNI-DARWICH (2001): Morphometric comparison of *Simulium perflavum* larvae (Diptera: Simuliidae) in relation to season and gender in central Amazônia, Brazil. - Memórias do Instituto Oswaldo Cruz **96**: 785-789.

- ALVAN-AGUILAR, M. A., HAMADA, N., ADLER, P. & S. L. B. LUZ (2005): Cytotaxonomy of *Simulium cauchense* FLOCH & ABONNENC and *Simulium quadrifidum* LUTZ (Diptera: Simuliidae) in Brazilian Amazonia. - Memórias do Instituto Oswaldo Cruz, 100: 249-257.
- AMARAL-CALVÃO, A. M. R. & M. MAIA-HERZOG (2003): Coleção de simuliídeos [*sic*] (Diptera-Simuliidae) de ADOLPHO LUTZ, sua história e importância. – História, Ciências, Saúde **10**: 259-271.
- ANDRADE, C. F. S. & A. C. BRANCO, JR. (1991): Susceptibilidade de populações de *Simulium (Chirostilbia) pertinax* Kollar, 1832 (Culicomorpha, Simuliidae) ao Temephos e a um formulado a base de *Bacillus thuringiensis* var. *israelensis*. – Revista de Saúde Pública **25**: 367–370.
- ANDRADE, H. T. A. & V. PY-DANIEL (2000): A fauna associada a Simuliidae (Diptera: Culicomorpha) em tres bacias hidrograficas do estado do Rio Grande do Norte. – Revista de Ecologia Aquática Tropical, 10: 71-76.
- ANDRADE, H. T. A., NASCIMENTO, R. S. S., GURGEL, H. C. B. & MEDEIROS, J. F. (2000): Simuliidae (Diptera) integrantes da dieta de *Poecilia vivipara* BLOCH & SCHNEIDER, 1801 (Atheriniformes; Poeciliidae) no Rio Ceará-Mirim, Estado do Rio Grande do Norte, Brasil. – Entomologia y Vectores, **7**: 119-122.
- ANDRADE, H. T. A., PY-DANIEL, V. & V. DA S.TORRES (1999): Simuliidae (Diptera: Culicomorpha) no nordeste brasileiro. - Entomologia y Vectores, **6**: 323-337.
- ANDRADE, H. T. A., TRIVINHO STRIXINO, S., PY-DANIEL, V. & J. F. MEDEIROS (2004): Determinacao dos estadios larvais de *Hemicnetha brachyclada* (LUTZ & PINTO) (Diptera, Simuliidae). - Entomologia y Vectores, 11: 541-550.
- ANDREAZZE, R. & V. PY-DANIEL (1999): Actividade hematofágica mensal e infecção natural de *Psaroniocompsa incrustata* (LUTZ, 1910) (Diptera, Culicomorpha, Simuliidae) vetor de *Onchocerca volvulus* (LEUCKART, 1893) em Xitei/Xidea, área indígena Yanomami. Roraima, Brasil. - Entomologia y Vectores, **6**: 415-440.
- ANDUZE, P.J. (1947): *Simulium matteabanchia*. - Boletín de la Academia de Ciências Físicas, Matemáticas y Naturales **10**: 374-376.
- ANONYMOUS (1985): Opinion 1341. *Simulium amazonicum* Goeldi, 1905 (Insecta, Diptera): Neotype designated. - Bulletin of Zoological Nomenclature **42**: 261-263.
- ARAÚJO-COUTINHO, C. J. P. C. & L.A. LACEY (1990): Field evaluation of *Bacillus thuringiensis* var. *israelensis* for control of black flies in the north littoral zone of Brazil's São Paulo State. Bulletin of the Pan American Health Organization **24**: 307–313.
- ARAÚJO-COUTINHO, C.J.P.C., CUNHA, A.B.P.V., SERRA-FREIRE, N.M. & PINTO DE MELLO, R. (2003). Evaluation of the impact *Bacillus thuringiensis* serovar *israelensis* and temephos, used for the control of *Simulium (Chirostilbia) pertinax* Kollar, 1832 (Diptera, Simuliidae) on the associated entomofauna, Paraty, State of Rio de Janeiro, Brazil.- Memórias do Instituto Oswaldo Cruz, 98: 697-702.

- ARTEAGA, L. T. & P. MUÑOZ DE HOYOS (1999): New cytotype in the *Simulium etallicum* complex (Diptera: Simuliidae) from Cundinamarca, Colombia. – *Journal of Medical Entomology* **36**: 133-140.
- BASÁÑEZ, M. G., YARZÁBAL, L., TAKAOKA, H., SUZUKI, H.; NODA, S., TADA, I (1988): The vectoral role of several blackfly species (Diptera: Simuliidae) in relation to human onchocerciasis in the Sierra Parima and Upper Orinoco regions of Venezuela. - *Annals of Tropical Medicine and Parasitology* **82**: 597-611.
- BASÁÑEZ, M. G., PION, S.D.S., CHURCHER, T.S., BRETILING, L.O., LITTLE, M.P. & BOUSSINESQ (2006). River Blindness: A success story under threat? *PLoS Medicine* **3**: 1454-1460.
- BATES, H. W. (1863): *The naturalist on the river Amazons, a record of adventures, habitats of animals, sketches of Brazilian and Indian life, and aspects of nature under the equator, during eleven years of travel.* - **1**: viii + 351 pp. John Murray, London. [The entire work consists of two separately paginated volumes.]
- BEDO, D.G. (1975). Polytene chromosomes of three species of blackflies in the *Simulium pictipes* group. *Canadian Journal of Zoology*, **53**: 1147-1164.
- BELLARDI, L. (1859): Saggio di Ditterologia Messicana. Parte 1. - *Memorie della Reale Accademia delle Scienze di Torino* **19**: 13-14.
- BELLARDI, L. (1862): *Saggio di ditterologia messicana. Appendice.* - 28 pp. Torini. [This is a separately issued and paginated Appendix to BELLARDI's Part I (1861) and Part II (1862) of *Saggio di ditterologia messicana*. It predates its subsequent issue in a journal.]
- BEQUAERT, J. C. (1934): Part III. Notes on the black flies or Simuliidae with special reference to those of the *Onchocerca* region of Guatemala. Ed to add Pp. 175-224. *In Onchocerciasis with special reference to the Central American form of the disease.* - *Contributions from the Department of Tropical Medicine and the Institute for Tropical Biology and Medicine* **6**: i-xiv, 1-234.
- BLACKLOCK, D. B. (1926): The further development of *Onchocerca volvulus* LEUCKART in *Simulium damnosum* THEOB. - *Annals of Tropical Medicine & Parasitology* **20**: 203-218 + i.
- BORKENT, A. & WOOD, D.M. (1986). The first and second larval instars and the egg of *Parasimulium stonei* Peterson (Diptera, Simuliidae). *Proceedings of the Entomological Society of Washington*, **88**: 287-296.
- BRANCO, A. C. JR. & C.F.S.ANDRADE. (1993): STUDIES ON *Polydispyrenia simulii* (Microspora; Pleistophoridae) in *Simulium pertinax* (Diptera: Simuliidae) in Brazil. *Memórias do Instituto Oswaldo Cruz* **88**: 167.
- BRANCO, A. C. JR. (1999): Effects of *Polydispyrenia simulii* (Microspora; Duboscquidae) on development of the gonads of *Simulium pertinax* (Diptera; Simuliidae). - *Memórias do Instituto Oswaldo Cruz* **94**: 421–424.
- BROCKHOUSE, C. L., VAJIME, C.G., MARIN, R. & TANGUAY, R.M. (1993). Molecular identification of onchocerciasis vectors of sibling species in black flies (Diptera: Simuliidae). *Biochemical and Biophysical Research Communications*, **194**:628-634.

- BUENO, L.M., MONCADA, L. I. & M. P. MUÑOZ DE HOYOS (1979): Simuliidae (Insecta: Diptera) de Colombia 1– Nueva especie de *Simulium* (*Hemicnetha*). - *Caldasia* **12** (60): 581–591 + two unnumbered pages with tables.
- CAMPOS, J. & C. F. S. ANDRADE (2002): Resistência a inseticidas em populações de *Simulium* (Diptera, Simuliidae). *Cadernos de Saúde Pública* **18**: 661–671.
- CERQUEIRA, N. L. (1967): Simuliidae da Amazônia. III. Sobre o gênero '*Simulium*' LATREILLE (Diptera, Nematocera). - *Atas do Simpósio sobre a Biota Amazônica (Zoologia)* **5**: 127-139.
- CERQUEIRA, N. & F. BARBOSA DE ALMEIDA (1970): Simuliidae de Amazônia. V. Descrição de *Simulium septentrionale* sp. n. (Diptera, Nematocera). - *Boletim do INPA (Manaus), Patologia Tropical* **2**: 1–11.
- CERQUEIRA, N. L. & J. A. NUNES DE MELLO (1964): Sobre o *Simulium amazonicum* Goeldi, 1905 (Diptera, Simuliidae). - *Revista Brasileira de Entomologia* **11**: 97-115.
- CERQUEIRA, N. L. & J. A. NUNES DE MELLO (1967): Simuliidae da Amazônia II. Descrição de *Simulium goeldii* sp.n. (Diptera Nematocera). - *Amazoniana*, **1**: 125-130 + vii unnumbered pages.
- CERQUEIRA, N. L. & J. A. NUNES DE MELLO (1968): Simuliidae da Amazônia. IV. Descrição de *Simulium fulvinotum* sp.n. (Diptera, Nematocera). - *Amazoniana*, **1**:205-210 + iii unnumbered pages of figures.
- CHARALAMBOUS, M., ARZUBE, M. & S. LOWELL (1998): Cytogenetic analysis of a new sub complex of *Simulium exiguum* (Diptera: Simuliidae) in Amazonian Ecuador. - *Bulletin of Entomological Research* **88**: 247-255.
- CHARALAMBOUS, M., LOWELL, S. ARZUBE, M. & C.A. LOWRY (2005): Isolation by distance and a chromosomal cline in the Cayapa cytospecies of *Simulium exiguum*, the vector of human onchocerciasis in Ecuador. - *Genetica* **124**: 41-59.
- CHARALAMBOUS, M., LOWRY, C. A., LOWELL, S., SHELLEY, A. J. & M. ARZUBE (1997): The value of the larval head pattern for differentiating *Simulium exiguum* s.l. and *S. gonzalezi* (Diptera: Simuliidae) in the onchocerciasis focus of Ecuador. *Bulletin of Entomological Research* **87**: 19-24.
- CHARALAMBOUS, M., READY, P. D., SHELLEY, A. J., ARZUBE, M. & C. A. LOWRY (1993a): Cytological and isoenzyme analysis of the Bucay and Quevedo cytotypes of the onchocerciasis vector *Simulium exiguum* (Diptera: Simuliidae) in Ecuador. - *Memórias do Instituto Oswaldo Cruz* **88**: 39-48.
- CHARALAMBOUS, M., SHELLEY, A. J. & M. ARZUBE (1993b): Distribution and taxonomic status of chromosomal forms of the onchocerciasis vector *Simulium exiguum* in central Ecuador. - *Medical and Veterinary Entomology* **7**: 299-303.
- CHARALAMBOUS, M., SHELLEY, A. J., MAIA-HERZOG, M. & A.P.A.LUNA DIAS (1996): Four new cytotypes of the onchocerciasis vector blackfly *Simulium guianense* in Brazil. - *Medical and Veterinary Entomology* **10**: 111-120.

- CHEKE, R. A., GARMS, J. F., WALSH, J. F. & A. PHILLIPS (1987): Differences in the male scutal patterns of putative *Simulium sirbanum*. - Transactions of the Royal Society of Tropical Medicine and Hygiene **81**: 672-673.
- CHUVAREVA, L.A., I.A. RUBTSOV & N.A. PETROVA (1976). Morphological and karyological similarities and differences between Palearctic and Neotropical species of the genus *Hemicnetha* End. (Diptera, Simuliidae. - Entomologicheskoe Obozrenie, **55**: 452-457. [In Russian, English translation in Entomological Review, Washington 55: 137-142.]
- COMSTOCK, J. H. & A. B. COMSTOCK (1895): A manual for the study of insects. – Comstock Publishing, Ithaca, N. Y. 1044 pp.
- CONN, J. (1988): A cytological study of the *Simulium metallicum* complex (Diptera: Simuliidae) from Central and South America. - Doctoral thesis, University of Toronto, Toronto, Ontario, Canada: 229pp.
- CONN, J., ROTHFELS, K. H., PROCUNIER, W. S. & H. HIRAI (1989): The *Simulium metallicum* species complex (Diptera: Simuliidae) in Latin America: a cytological study.- Canadian Journal of Zoology **67**: 1217-1245.
- COQUILLET, D.W. (1898): The buffalo gnats or, blackflies, of the United States. -United States Department of Agriculture Division of Entomology Bulletin (New series) 10: 66-69.
- COQUILLET, D. W. (1902): New Diptera from North America. - Proceedings of the United States National Museum **25**: 83-126.
- COSCARÓN, S. (1968): Ampliación del área de distribución de Simuliidae (Diptera) en Argentina. - Revista de la Sociedad Entomológica Argentina **30**: 65-67.
- COSCARÓN, S. (1971): Notas sobre simúlidos Neotropicales 1. Sobre una nueva especie del norte Argentina (Diptera, Simuliidae). - Revista de la Sociedad Entomológica Argentina **33**: 33-41.
- COSCARÓN, S. (1976): Notas sobre simúlidos neotropicales VI. Sobre dos especies nuevas de jejenes de la provincia de Misiones, Argentina (Diptera, Insecta). – Revista de la Sociedad Entomológica Argentina **35**: 147-154.
- COSCARÓN, S. (1980): Notas sobre Simúlidos Neotropicales IX. Sobre un grupo de especies próximo al subgénero *Simulium* (*Inaequalium*) (Diptera - Insecta). – Revista de la Sociedad Entomológica Argentina **39** (3-4): 293-302.
- COSCARÓN, S. (1981): Notas sobre simúlidos Neotropicales XI. Sobre el subgénero *Simulium* (*Chirostilbia*) ENDERLEIN, con la descripción de dos especies nuevas del S.E. del Brasil (Diptera, Insecta). Revista de la Sociedad Entomológica Argentina **40**: 157-164.
- COSCARÓN, S. (1982): Notas sobre simúlidos Neotropicales X. Sobre un grupo peculiar de especies del genero *Simulium* del S.E. de Brasil, Paraguay y N.O. de Argentina (Diptera-Insecta). - Revista de la Sociedad Entomológica Argentina **41**: 65-76.

- COSCARÓN, S. (1983): Notas sobre simúlidos neotropicales XII. Las especies de *Simulium* “grupo *amazonicum*” de Argentina, sur de Brasil y Paraguay (Simuliidae, Diptera). - Revista de la Sociedad Entomológica Argentina **42**: 89-99.
- COSCARÓN, S. (1985) [Publication date as 1984 on reprint, but 1985 on the cover of volume 43 of the journal.]: Revisión del subgénero *Simulium* (*Ectemnaspis*) ENDERLEIN (Simuliidae, Diptera, Insecta). - Revista de la Sociedad Entomológica Argentina **43**: 283-325.
- COSCARÓN, S. (1987): *El género Simulium Latreille en la Región Neotropical: Análisis de los Grupos Supraspecíficos, Especies que los Integran y Distribución Geográfica (Simuliidae, Diptera)*. - Museu Paraense Emílio Goeldi, 112 pp.
- COSCARÓN, S. (1990): Taxonomía y distribución del subgénero *Simulium* (*Ectemnaspis*) ENDERLEIN (Simuliidae, Diptera, Insecta).- Iheringia, Série. Zoologia **70**: 109-170.
- COSCARÓN, S. (1991): *Fauna de Agua Dulce de la República Argentina. 38. Insecta, Diptera. 2. Simuliidae*. vi + 7-304 [+ 67 figures on un-numbered pages], Fundación para la Educación, la Ciencia y la Cultura, Buenos Aires.
- COSCARÓN, S. & C. L. COSCARÓN-ARIAS (1997): Cladistic analysis of the subgenera *Inaequalium*, *Psaroniocompsa*, and *Chirostilbia* of the genus *Simulium*, with comments on their distribution. Revista de la Sociedad Entomológica Argentina **56**: 109-121.
- COSCARÓN, S. & C. L. COSCARÓN-ARIAS (2000): New species records of the blackfly (Diptera-Simuliidae) fauna of Argentina with description of adults, pupa and larva of *Simulium oyapockense* s.l. and *S. seriatum*. - Memórias do Instituto Oswaldo Cruz **95**: 179–187.
- COSCARÓN, S. & C. L. COSCARÓN-ARIAS (2002): *Araucnephia iberaensis* n. sp., a Neotropical black fly with a peculiar distribution (Diptera-Simuliidae). Memórias do Instituto Oswaldo Cruz **97**: 81-87.
- COSCARÓN, S. & C. L. COSCARÓN ARIAS (2007): *Aquatic Biodiversity in Latin America. Volume 3. Neotropical Simuliidae (Diptera: Insecta)*. Eds. ADIS, J., ARIAS, J. G., RUEDA-DELGADO, G. & K. M WANTZEN. 685 pp. Pensoft – Moscow, Sofia.
- COSCARÓN, S. & S. IBÁÑEZ BERNAL. (1995): Sobre una nueva especie de Simuliidae del sur de Mexico: *Simulium* (*Hemicnetha*) *biuxinisa* n.sp. (Diptera). - Folia Entomológica Mexicana **88**: 61-68.
- COSCARÓN, S. & A. MATTA (1982): Notas sobre Simúlidos Neotropicales VIII. Sobre dos especies nuevas de “jerjeles” del género *Simulium* LATREILLE del Norte de Chile (Simuliidae, Diptera, Insecta). - Idesia **6**: 49-61
- COSCARÓN, S. & D. R. MIRANDA-ESQUIVEL (1998): New synonymy to *Simulium* (*Inaequalium*) *inaequale* (PATERSON & SHANNON, 1927). - Memórias do Instituto Oswaldo Cruz **93** (3): 337.
- COSCARÓN, S. & P. MUÑOZ DE HOYOS (1995): Blackfly novelties from the area near the “Páramo de los Valles” in the Department of Tolima, Colombia (Diptera: Simuliidae). - Revista de la Academia Colombiana de Ciencias **19**: 587-592.

- COSCARÓN, S. & V. PY-DANIEL (1989): Tres especies nuevas de *Simulium* LATREILLE de la región neotropical: *Simulium (Hemicnetha) cristalinum* sp.n., (*Grenieriella*) *wygodzinskyorum* sp.n. y *sumapazense* sp.n. (Diptera, Simuliidae). - Revista de Saúde Pública **23**: 313-321.
- COSCARÓN, S. & H. TAKAOKA (1989): Description of a new species of the black fly subgenus *Simulium (Ectemmaspis)* from the Andes of Ecuador (Diptera, Simuliidae). - Japan Journal of Tropical Medicine & Hygiene **17** (2): 191-196.
- COSCARÓN, S. & P. WYGODZINSKY (1972): Notas sobre simúlidos neotropicales. Sobre tres especies de jejenes con hembras de color claro del S. E. del Paraguay y del N. E. de Argentina (Simuliidae-Diptera). - Revista del Museo de La Plata (N.S.) Sección Zoología **11**:203-231.
- COSCARÓN, S. & P. WYGODZINSKY (1973): Notas sobre simúlidos neotropicales. II. Sobre *Simulium (Psaroniocompsa) opalinifrons* (ENDERLEIN) y notas sobre el subgénero (Insecta, Diptera). - Physis **32**: 161-172.
- COSCARÓN, S. & P. WYGODZINSKY (1975): Notas sobre simúlidos neotropicales V. Aportes para el conocimiento del subgenero *Simulium (Notolepria)* ENDERLEIN (Diptera-Simuliidae). Revista de la Sociedad Entomológica Argentina **34**: 277-288.
- COSCARÓN, S. & P. WYGODZINSKY (1984): Notas sobre Simúlidos Neotropicales VII. Sobre los subgéneros *Psaroniocompsa* ENDERLEIN y *Inaequalium* subgen. nov. - Arquivos de Zoologia: **31** (2): 37-103.
- COSCARÓN, S., CERQUEIRA, R.L. DE, SCHUMAKER, T.T.S. & V. LA SALVIA FILHO (1992): Nuevos datos sobre distribución de simúlidos do Brasil y descripción de *Simulium (Coscaroniellum) cerradense* sp. n. (Diptera, Simuliidae). - Revista Brasileira de Entomologia **11**: 111-119.
- COSCARÓN, S., IBÁÑEZ-BERNAL, S. & C. L. COSCARÓN-ARIAS (1996): Revision de *Simulium (Psilopelmia)* ENDERLEIN en la region neotropical e analisis cladistico de sus especies (Diptera: Simuliidae). - Acta Zoologica Mexicana (n.s.) **69**: 37-104.
- COSCARÓN, S., IBÁÑEZ -BERNAL, S. & C. L. COSCARÓN-ARIAS (1999): Revision of *Simulium (Simulium)* in the Neotropical Realm (Insecta: Diptera: Simuliidae). Memoirs on Entomology International **14**: 543-604.
- COSCARÓN, S., MIRANDA-ESQUIVEL, D. R., MOULTON, K., COSCARÓN-ARIAS, C. L. & S. IBÁÑEZ -BERNAL (2004): *Simulium (Hearlea)* VARGAS, L., MARTÍNEZ PALÁCIOS, A. & A. DÍAZ NÁJERA (Diptera: Simuliidae): Taxonomic revision and cladistic analysis. - Zootaxa **396**: 1-52.
- COSCARÓN, S., PY-DANIEL, V. & C. L. COSCARÓN-ARIAS (1995): [According to CROSSKEY & HOWARD (2004) the journal part containing the COSCARÓN *et al.* paper cited above is dated 1993 on the work, but was not issued until 1995. The latter is the correct date for nomenclatural purposes.] El subgénero *Simulium (Psilopelmia)* ENDERLEIN en Sudamérica (Simuliidae, Diptera, Insecta). - Boletim do Museu Paraense Emílio Goeldi, série Zoologia **9**: 283-311.

- COSCARÓN, S., SARANDÓN, R., COSCARÓN-ARIAS, C. L. & E. DRAGO (1996b): Analisis de factores ambientales que influyen en la distribución de los Simuliidae (Diptera: Insecta) en el cono austral de América del Sur. - Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales **20**: 549-573.
- COSCARÓN ÁRIAS, C. L. (2003): Clave de Simuliidae (Insecta, Diptera) de Ecuador. – Folia Entomológica Mexicana **43**: 191-219.
- CRAIG, D.A. & CRAIG, R.E.G. (1986): Simuliidae (Diptera: Culicomorpha) of Rarotonga, Cook Islands, South Pacific. *New Zealand Journal of Zoology* **13**: 357–366.
- CRAIG, D.A., CURRIE, D.C. & VERNON, P. (2003). *Crozetia* Davies (Diptera: Simuliidae); redescription of *Cr. crozetensis*, *Cr. seguyi*, number of larval instars, phylogenetic relationships and historical biogeography. *Zootaxa*, **259**: 1-39.
- CROSSKEY, R. W. (1981): A preliminary revision of the black-flies (Diptera: Simuliidae) of the Middle East.- Transactions of the Roryal Entomological Society of London, **119**: 1-45.
- CROSSKEY, R. W. (1981): Simuliidae taxonomy – the contemporary scene. Pp. 3-18 in M. LAIRD, Ed., *Blackflies: the future for biological methods in integrated control*. - xii + 399 pp. Academic Press, New York and London.
- CROSSKEY, R. W (1988): An annotated checklist of the world black flies (Diptera: Simuliidae). Pp. 425-520 in KIM, K. C. & MERRITT, R. W. (eds.), *Black flies; ecology, population management and annotated world list*. - '1987'. xv + 528 pp. Pennsylvania State University, University Park & London. [Book dated '1986' and '1987' on verso of title page, but published (issued) on 1 March 1988.]
- CROSSKEY, R. W (1990): *The natural history of blackflies*. - John Wiley & Sons. Chichester. ix + 711 pp.
- CROSSKEY, R. W (1999): *First update to the taxonomic and geographical inventory of world blackflies (Diptera: Simuliidae)*. - The Natural History Museum, London, 10 pp.
- CROSSKEY, R. W (2002): *Second update to the taxonomic and geographical inventory of world blackflies (Diptera: Simuliidae)*. - The Natural History Museum, London, 14 pp.
- CROSSKEY, R. W. & T. M. HOWARD (1997): *A new taxonomic and geographical inventory of world blackflies (Diptera: Simuliidae)*. - The Natural History Museum, London, 144 pp.
- CROSSKEY, R. W. & T. M. HOWARD (2004): *A revised taxonomic and geographical inventory of world blackflies (Diptera: Simuliidae)*. - The Natural History Museum, London, 82 pp. [web version: <http://www.nhm.ac.uk/entomology/projects/blackflies/Inventory.pdf>]
- CROSSKEY, R. W. & A. J. SANTOS GRÁCIO (1985). New species and new records of the blackfly subgenus *Simulium* (*Obuchovia*) from Soain and Portugal (Diptera: Simuliidae). *Aquatic Insects* **7**: 149-160.
- CURRIE, D. C. (1988): Morphology and systematics of primitive Simuliidae (Diptera: Culicomorpha). - Ph.D. thesis. University of Alberta, Edmonton. 331 pp.

- Currie, D. & Grimaldi, D. (2003). A new black fly (Diptera: Simuliidae) genus from mid Cretaceous (Turonian) amber of New Jersey. *In: D. Grimaldi Studies on fossil in amber, with particular reference to the Cretaceous in new Jersey*, Backhuys Publications, Leiden, pp. 473-485.
- DALMAT, H. T. (1949): New species of Simuliidae (Diptera) from Guatemala. I. – *Annals of the Entomological Society of America* **42**: 538-553.
- DALMAT, H. T. (1950): New species of Simuliidae (Diptera) from Guatemala 2. – *Annals of the Entomological Society of America* **43**: 137-151.
- DALMAT, H. T. (1951): Notes on the Simuliidae (Diptera) of Guatemala, including descriptions of new species. - *Annals of the Entomological Society of America* **44**: 31-58.
- DALMAT, H. T. (1952): Description of two new species of *Simulium* (Diptera, Simuliidae) from Guatemala. - *Annals of the Entomological Society of America* **45** (2): 339-347.
- DALMAT, H. T. (1953): Simuliidae (Diptera) of Guatemala. Descriptions of *Simulium*(*Dyarella*) *ardeni*, n.sp. and *Simulium* (*Lanea*) *jacobsi*, n.sp. - *Annals of the Entomological Society of America* **46**: 35-42.
- DALMAT, H. T. (1955): The black flies (Diptera, Simuliidae) of Guatemala and their role as vectors of onchocerciasis. - *Smithsonian Miscellaneous Collections* **125**: vii+ 425 pp.
- DAMPF, A. (1927): Un *Simulium* nuevo de México (Orden Diptera, Suborden Nematocera) procedente de Tiltepec, Estado de Oaxaca. - *Revista Mexicana de Biología* **7**: 125-129.
- DAMPF, A. (1931): Los simúlidos transmisores de la onchocercosis en los estados de Oaxaca y Chiapas. - *Medicina* [Revista Mexicana Quincenal] **11**: 753-761.
- D'ANDRETTA, C. JR. (1955): Redescrção de *Simulium perflavum* Roubaud, 1906. – *Anais da Faculdade de Farmacia e Odontología da Universidade de São Paulo* **13**: 33-38.
- D'ANDRETTA, M.A.V. & C. D'ANDRETTA JR (1945): As espécies neotropicais da família Simuliidae SCHINER, 1864 (DIPTERA-NEMATOCERA). 1. *Simulium* (*Eusimulium*) *orbitale* LUTZ, 1910, *Simulium* (*Eusimulium*) *pintoi* n.sp. e *Simulium nigri-manum* MACQUART, 1837, *sp. inquirendae*. - *Memórias do Instituto Oswaldo Cruz* **43**: 85-152.
- D'ANDRETTA JR., C. & D'ANDRETTA, M. A.V. (1947a) [1946]: [Authors' names misspelled, should be D'ANDRETTA. According to front cover was published in the *Memórias* in September 1946, but dated by the publishers 'Imprensa Nacional, Rio de Janeiro' as 1947.] As espécies neotropicais da familia Simuliidae SCHINER (Diptera, Nematocera). II. *Lutzsimulium cruzi*, n. gen., sp. n. e nova concepção da nervação das asas dos simulídeos. - *Memórias do Instituto Oswaldo Cruz* **44**: 401-412.
- D'ANDRETTA, M.A.V. & C. D'ANDRETTA JR (1947b): Espécies neotropicais da família Simuliidae SCHINER (Diptera, Nematocera). III. *Simulium botulibranchium* LUTZ, 1910 e *Simulium travassosi*, n.sp. - *Papéis Avulsos do Departamento de Zoologia, São Paulo* **8**: 145-180.

- D'ANDRETA JR., C. & D'ANDRETTA, M.V. (1948a) [1947]: [According to front cover was published in the *Memórias* in September 1947, but dated by the publishers 'Imprensa Nacional, Rio de Janeiro' as 1948.] The authors placed an insert on the first page stating "the present article was published in volume 44, number III of the *Memórias do Instituto Oswaldo Cruz* - because of typographical errors, mainly in succession of paragraphs.] Espécies neotropicais da família "Simuliidae" SCHINER (Diptera, Nematocera). II. *Lutzsimulium cruzi*, n. gen. en. sp. e nova concepção da nervação das asas dos Simulídeos. - *Memórias do Instituto Oswaldo Cruz* **45**: 667-677.
- D'ANDRETA JR., C. & D'ANDRETTA, M.A.V. (1948b): Espécies neotropicais da família "Simuliidae" SCHINER (Diptera, Nematocera). IV. *Lutzsimulium cruzi* ANDR. & ANDR. 1946: descrição do alótipo macho e da larva. - *Arquivos de Zoologia do Estado de São Paulo* **5**: 637-647.
- D'ANDRETTA, M. A.V. & C. D'ANDRETTA JR (1949): Espécies neotropicais da família "Simuliidae" SCHINER (Diptera, Nematocera). V. Redescricao do "*Simulium mauristriatum*" LUTZ, 1910 e "*Simulium (Eusimulium) venustum infuscata*" LUTZ, 1909 var. *inquirendae*. - *Revista Brasileira de Biologia* **9**: 55-66.
- D'ANDRETA JR., C. & D'ANDRETTA, M.A.V. (1950): Espécies neotropicais da Família "Simuliidae" SCHINER (Diptera, Nematocera). VI. Redescricao do *Simulium pertinax* KOLLAR, 1832. - *Papéis Avulsos do Departamento de Zoologia, São Paulo* **9**: 193-213.
- D'ANDRETTA, M. A. V. & C. D'ANDRETTA JR (1952): Espécies neotropicais da família "Simuliidae" SCHINER (Diptera, Nematocera). VII. Redescricao de *Lutzsimulium pernigrum* (LUTZ, 1910), n.comb. e considerações sobre o gênero. - *Papéis Avulsos do Departamento de Zoologia, São Paulo* **10**: 307-324.
- D'ANDRETTA JR., C. & D. GONZÁLEZ B. (1964): Três novas espécies brasileiras de Simuliidae (Diptera Nematocera). - *Memórias do Instituto Butantan* **30**: 103-116.
- DANG, P. T. & B. V. PETERSON (1980): Pictorial keys to the main species and species groups within the *Simulium damnosum* THEOBALD complex occurring in West Africa (Diptera: Simuliidae). - *Tropenmedizin und Parasitologie* **31**: 117-120.
- DARWICH, S. M., PY-DANIEL, V. & L. B. L. F. MARDINI (1989): Predacao e foresia (ocasional?) entre imaturos de Simuliidae (Diptera: Culicomorpha) e *Asolene (Pomella) megastoma* (Sowerby, 1825) (Mollusca: Gastropoda: Ampullaridae). *Memórias do Instituto Oswaldo Cruz*, **84**: 145-148.
- DAVIES, J. B. (1994): Sixty years of onchocerciasis vector control: a chronological summary with comments on eradication, reinvasion and insecticide resistance. *Annual Review of Entomology* **39**, 23-45.
- DE LEÓN, J. R. (1945) [1944]: Nuevas especies de simúlidos en la región occidental de Guatemala. - *Boletín Sanitario de Guatemala*, **52**: 66-77
- DE LEÓN, J. R. (1948): Un nuevo simúlido de la región occidental de Guatemala. - *Impreso no. 56, Instituto de Investigaciones Científicas, Universidad de San Carlos (Guatemala)*: 1-23.

- DELLOME FILHO, J. (1983): Considerações sobre os fatores físico-químicos dos criadouros de *Simulium goeldii* CERQUEIRA & MELLO, 1967 (Diptera: Nematocera). - Revista Brasileira de Entomologia **27**:155-160.
- DELLOME FILHO, J. (1991): Simuliofauna do Rio Marumbi (Morretes, Pr, Brasil). 1. Coleta e criação; dados meteorológicos e físico-químicos do criadouro; adultos (Diptera, Simuliidae). - Acta Biológica Paranense **20**: 145-156.
- DÍAZ, L.A., SAMPAIO, S.A.P., RIVITTI, E.A., MARTINIS, C.R, CUNHA, P.R., LOMBARDI, C., ALMEIDA, F.A., CASTRO, R.M., MACCA, M.L., LAVRADO, C., FILHO, G.H., BORGES, P., CHAUL, A., MINELLI, P., EMPINOTTI, J.C., FRIEDMAN, H., CAMPEBELL, I., LABIB, R.S. & ANHALT, J. (1989a). Endemic Pemphigous Foliaceus (Fogo Selvagem): I. Clinical features and immunopathology. Journal of the American Academy of Dermatology **20**: 657-659.
- DÍAZ, L.A., SAMPAIO, S.A.P., RIVITTI, E.A., MARTINIS, C.R, CUNHA, P.R., LOMBARDI, C., ALMEIDA, F.A., CASTRO, R.M., MACCA, M.L., LAVRADO, C., FILHO, G.H., BORGES, P., CHAUL, A., MINELLI, P., EMPINOTTI, J.C., FRIEDMAN, H., CAMPEBELL, I., LABIB, R.S. & ANHALT, J. (1989b). Endemic Pemphigous Foliaceus (Fogo Selvagem): II. Current and Hhistoric epidemiology studies. The Journal of Investigative Dermatology **92**: 3-12.
- DÍAZ NÁJERA, A. (1965): Acerca de un nuevo simúlido mexicano (Diptera: Simuliidae). - Revista del Instituto de Salubridad y Enfermedades Tropicales, México **15** (1): 25-45.
- DÍAZ NÁJERA, A. (1969): Simulidos de Aguascalientes y Zacatecas. Descripción de seis especies del subgénero *Psilopelmia* y datos de dimorfismo. - Revista de Investigaciones de Salud Pública, México **29** (1): 21-63.
- DÍAZ NÁJERA, A. (1981) [1979]: Una nueva especie del género *Simulium* (Diptera: Simuliidae) del Estado de Coahuila, México. Anales del Intituto de Biologia Universidad Autónoma de México, **50**: 553-561.[Actual publication date was after 12 June 1981 and before November 1981.]
- DÍAZ NÁJERA, A. & VULCANO, M. A. (1962) [1961]: Descripción de *Simulium (Psilopelmia) longithallum* n. sp. (Diptera - Simuliidae). - Revista del Instituto de Salubridad y Enfermedades Tropicales, México **21** (3-4): 221-235.
- DYAR, H. G. & R. C. SHANNON (1927): The North American two-winged flies of the family Simuliidae. - Proceedings of the United States National Museum **69**: 1-54.
- EATON, D. P., DIAZ, L.A., HANS-FILHO, G., SANTOS, V. D., AOKI, V., FRIEDMAN, H. RIVITTI, E. A., SAMPAIO, S. A. P., GOTTLIEB, M.S., GIUDICE, G. J., LOPEZ, A. & E. W. CUPP (1998): The Cooperative Group on Fogo Selvagem Research. 1998. Comparison of Black fly species (Diptera: Simuliidae) on an Amerindian reservation with a high prevalence of fogo selvagem to neighbouring disease free sites in the state of Mato Grosso do Sul, Brazil. - Journal of Medical Entomology: **35**: 120-131.

- Eldridge, F.W. & Cracraft, J. (1980). *Phylogenetic patterns and the evolutionary process. Methods and theory in comparative biology*. Columbia University Press New York, 349 pp.
- EDWARDS, F. W. (1931): Simuliidae. Pp. 121-154 in *Diptera of Patagonia and South Chile*, Part II Nematocera (excluding crane-flies and Mycetophilidae). - British Museum (Natural History), London. 331 pp.
- EDWARDS, F. W (1934): The Simuliidae (Diptera) of Java and Sumatra. - Archiv für Hydrobiologie. 13: Suppl. "Tropische Binnengewässer" **5**: 92-138.
- ENDERLEIN, G. (1921a): Das System der kriebelmücken (Simuliidae). - Deutsche Tierärztliche Wochenschrift **29**: 197-200.
- ENDERLEIN, G. (1921b): Die systematische Gliederung der Simuliiden. - Zoologischer Anzeiger **3**: 43-46.
- ENDERLEIN, G. (1921c): Neue aussereuropäische Simuliiden. - Sitzungsberichte der Gesellschaft naturforschender Freunde **1921**: 77-81.
- ENDERLEIN, G. 1922. Weitere beiträge zur Kenntnis der Simuliiden. - Konowia **1**: 67-76.
- ENDERLEIN, G. (1925): 2. Weitere Beiträge zur Kenntnis der Simuliiden und ihrer Verbreitung. - Zoologischen Anzeiger **62**: 201-211
- ENDERLEIN, G. (1929): Über einige neotropische Simuliiden der Genus *Friesia*. - Deutsche Entomologische Zeitschrift **1929**: 327-328.
- ENDERLEIN, G. (1930): Der heutige Stand der Klassifikation der Simuliiden. - Archiv für klassifikatorische und phylogenetische entomologie **1**: 77-97.
- ENDERLEIN, G. (1934a): Weiterer Ausbau des Systems der Simuliiden. (Dipt.). - Deutsche Entomologische Zeitschrift **1933**: 273-292. [1933 on reprint, actually published in February 1934.]
- ENDERLEIN, G. (1934b): Aussereuropäische Simuliiden aus dem Wiener Museum. - Sitzungsberichte der Gesellschaft naturforschender Freunde **1934**: 190-195.
- ENDERLEIN, G. (1935): Neue Simuliiden, besonders aus Afrika. - Sitzungsberichte der Gesellschaft naturforschender Freunde **1935**: 358-364.
- ENDERLEIN, G. (1936): Simuliologica 1. - Sitzungsberichte der Gesellschaft naturforschender Freunde **1936**: 113-130.
- Evans, C.L. & Adler, P.H. (2000) Microsculpture and phylogenetic significance of the spermatheca of black flies (Diptera: Simuliidae). *Canadian Journal of Zoology*, 78: 1468-1482.
- FAIRCHILD, G. B. (1940): Notes on the Simuliidae of Panama. (Dipt., Nematocera). - Annals of the Entomological Society of America **33**: 701-719.
- FELD, C.K., KIEL, E. & LAUTENSCHLÄGER, M. (2002): The indication of morphological degradation of streams and rivers using Simuliidae. - Limnologica **32**: 273-288.
- FIELD, G. (1967): Studies of black flies of Panama. I. Two new species of *Simulium* of the subgenus *Notolepria*. - Annals of the Entomological Society of America **60**: 188-199.

- FIELD, G. (1969): Studies on black flies of Panama. III. Two new species of *Simulium* of the subgenus *Hemicnetha*. - Annals of the Entomological Society of America **62**: 157-163.
- FLOCH, H. & E. ABONNENC (1946a): Simulidés de la Guyane Française I. S.GUIANENSE WISE 1911, S. ROROTAENSE N.SP., S. MARONIENSE, N.SP. – Publication de l'Institut Pasteur de la Guyane et du Territoire de l'Inini **136**: 1-20.
- FLOCH, H. & E. ABONNENC (1946b): Simulidés de la Guyane Française (II). *S. cauchense n.sp.*, *S. oyapockense n.sp.*, *S. iracouboense n.sp.* - Publication de l'Institut Pasteur de la Guyane et du Territoire de l'Inini **137**: 1-19.
- FOX, I. (1953): Notes on Puerto Rican Simuliidae from light traps (Diptera). – Proceedings of the Entomological Society of Washington **55**: 135-140.
- GARCIA, J.J. (1992): Patogenos de simulidos neotropicales (Diptera: Simuliidae): *Amblyospora bracteata* (STRICKLAND, 1913) (Microspora: Thelohaniidae). – Revista de la Sociedad Entomológica Argentina **50**: 3-8.
- GASH, J.H.C., NOBRE, C.A., ROBERTS, J.M. & R.L. VICTORIA (Eds.) (1996): *Amazonian Deforestation and Climate*. xviii + 611pp. John Wiley and sons, Chichester, New York, Brisbane, Toronto, Singapore.
- GOMES, S.A.G. & V. PY-DANIEL (2002): Caracterização físico-química de dois criadouros de larvas de *Thyrsopelma guianense* (WISE, 1911) (Diptera, Culicomorpha, Simuliidae da Amazônia Brasileira. - Entomologia y Vectores **9**: 443-465.
- GOMES, S.A.G., MARQUES, L.K.L., PY-DANIEL, V. & P.A.S. MERA (2002): alimentar do ultimo estadio larval de *Thyrsopelma guianense* (WISE, 1911) (Diptera, Culicomorpha, Simuliidae) em duas cachoeiras da Amazônia Brasileira. – Entomologia y Vetores **9**: 375-421
- GIL-AZEVEDO, L. H. & M. MAIA HERZOG (2004): Registros novos de ocorrência de seis espécies de Simuliidae (Diptera) para o estado do Rio de Janeiro. - Biota Neotrópica **4**: 1-3.
- Gil-Azevedo, L.H. & Maia-Herzog, M. (2007). Preliminary considerations on phylogeny of Simuliidae genera from southerne hemisphere (Insecta, Diptera). Zootaxa, 1643: 39-68.
- GIL-AZEVEDO, L., FIGUEIRÓ, R. & M. MAIA-HERZOG (2005): *Simulium* (*Psaroniocompsa*) *stellatum* (Diptera: Simuliidae, a black fly from the high mountain range in southern Brazil. - Zootaxa **922**: 1-12.
- GOELDI, E. A. (1905): Os mosquitos no Pará. - Memórias do Museu Goeldi (Museu Paraense) de Historia Natural e Ethnographia **4**, 138-139.
- GORAYEB, I. S. (1981): Comportamento de oviposição e ciclo evolutivo de *Simulium fulvinotum* CERQ. e MELO 1968 (Diptera, Nematocera). - Acta Amazonica **11**: 595-604.
- GORAYEB, I.S. & W. Y. MOK (1982): Comparison of capillary tube and immunodiffusion precipitin tests in the detection of *Simulium fulvinotum* larval predators. Ciência e Cultura **34**: 1662-1668.
- GORAYEB, I. S. & R. R. PINGER (1978): Detecção de predadores naturais das larvas de *Simulium fulvinotum* CERQ. E MELO, 1968 (Diptera, Nematocera). - Acta Amazonica **8**: 629-637.

- Grenier, P. & Rageau, J. (1960). Simulies (Dipt., Simuliidae) di Tahiti. Remarques sur la classification des Simuliidae. *Bulletin of the Societé de Pathologie Exotique*, 53: 727-742.
- GRILLET, M.E. & R. BARRERA (1997): Spatial and temporal abundance, substrate partitioning and species co-occurrence in a guild of Neotropical blackflies (Diptera: Simuliidae). - *Hydrobiologia* **345**: 197-208.
- GRILLET, M. E., BARRERA, R. & J. CONN (1995): *Simulium metallicum* cytospecies E larval habitat characterization in the Altamira focus of onchocerciasis, northern Venezuela. - *Medical and Veterinary Entomology* **9**: 195-201.
- GRILLET, M.-E., VILLAMIZAR, N. J., CORTEZ, J., FRONTADO, H. L., ESCALONA, M., VIVAS-MARTÍNEZ, S. & M.-G. BASÁÑEZ (2005): Diurnal periodicity of parous *Simulium* (Diptera: Simuliidae) vectors in the onchocerciasis Amazonian focus. - *Acta Tropica* **94**: 139-158.
- GRILLET, M-A., VILLAMIZAR, N.J., FRONTADO, H.L., CORTEZ, J., ESCALONA, M., BOTTO, C. & BASÁÑEZ, M-G (2008): Vector competence of *Simulium oyapockense s.l.* and *S. incrustatum* for *Onchocerca volvulus*: implications for ivermectin-based control in the Amazonian focus of human onchocerciasis, a multi-vector-host system. - *Acta Tropica* **107**: 80-89
- HAGEN, H. A. (1880): A new species of *Simulium* with a remarkable nymph case. – *Proceedings of the Boston Society of Natural History* **20**: 305-307.
- HAMADA, N. (1989): Aspectos ecológicos de *Simulium goeldii* (Diptera: Simuliidae) relação entre substrato e densidade de larvas. - *Memórias do Instituto Oswaldo Cruz* **84**: 263-266.
- HAMADA, N. (1993a): Association between *Hemerodromia* sp. (Diptera, Empididae) and *Simulium perflavum* (Diptera, Simuliidae) in Central Amazônia, Brazil. – *Memórias do Instituto Oswaldo Cruz* **88**: 169-170.
- HAMADA, N. (1993b): Abundância de larvas de *Simulium goeldii* (Diptera: Simuliidae) e caracterização do seu habitat em uma floresta de terra firme, na Amazônia Central. - *Boletim do Museu Paraense Emílio Goeldi, série Zoologia* **9**: 203-218.
- HAMADA, N. (1997): Cytotaxonomy and ecology of four species in the *Simulium perflavum* group and associated black fly species in Central Amazonia, Brazil. - PhD thesis. Clemson University, Clemson, SC, 222pp.
- HAMADA, N. (1998): Bionomics of *Simulium perflavum* ROUBAUD (Diptera, Simuliidae) in Central Amazônia, Brazil. - *Revista Brasileira de Entomologia* **41**: 523-526.
- HAMADA, N. (2000): *Simulium (Psaroniocompsa) tergo-spinosum* new species (Diptera: Simuliidae) in the *siolii* group from the southern part of the state of Amazonas, Brazil. - *Memórias do Instituto Oswaldo Cruz* **95**: 819-828.
- HAMADA, N. & P. H. ADLER (1998): A new species of *Simulium* (Diptera: Simuliidae) from open areas in Central Amazonia, Brazil. - *Memórias do Instituto Oswaldo Cruz* **93**: 317-325.

- HAMADA, N. & P. H. ADLER (1999a): [1998 in paper, but published in 1999.] Taxonomy of the *Simulium perflavum* species-group (Diptera: Simuliidae) with description of a new species from Brazil. - *Insecta Mundi* **12**: 207-226.
- HAMADA, N. & P. H. ADLER (1999b): Cytotaxonomy of four species in the *Simulium perflavum* species group (Diptera; Simuliidae) from Brazilian Amazonia. – *Systematic Entomology* **24**: 273-288.
- HAMADA, N. & P. H. ADLER (2001): Bionomia e chave para imaturas e adultos de *Simulium* (Diptera: Simuliidae) na Amazônia Central, Brasil. - *Acta Amazonica* **31**: 109-132.
- HAMADA, N. & F. FOUQUE (2001): Black flies of French Guiana: Cytotaxonomy and a preliminary list of species. - *Memórias do Instituto Oswaldo Cruz* **96**: 955-959.
- HAMADA, N. & M. E. GRILLET (2001). Black flies (Diptera: Simuliidae) of the Gran Sabana (Venezuela) and Pacaraima region (Brazil): distributional data and identification keys for larvae and pupae. *Entomotropica* **16**: 29-49.
- HAMADA, N. & J. W. MCCREADIE (1999): Environmental factors associated with the distribution of *Simulium perflavum* (Diptera: Simuliidae) among streams in Brazilian Amazonia. - *Hydrobiologia* **397**: 71-78.
- HAMADA, N. & M. PEPINELLI (2004): *Simulium (Chirostilbia) bifenestratum* (Diptera, Simuliidae), a new black-fly species from Atlantic Forest, State of São Paulo, Brazil. - *Memórias do Instituto Oswaldo Cruz* **99**: 45-52.
- HAMADA, N., ADLER, P. H. & J. W. MCCREADIE (1996): Citotaxonomia e ecologia do grupo *Simulium perflavum* no Brasil (Insecta, Diptera, Simuliidae). - XXI Congresso Brasileiro de Zoologia, Porto Alegre, Rio Grande do Sul, Brasil, 5-9 fevereiro 1996. Resumo no. 543, p.117.
- HAMADA, N., ALE-ROCHA, R. & S. L. B. LUZ (2003): Description of *Simulium damascenoi* (Diptera, Simuliidae) male and the blackfly species from the state of Amapá, Brazil. - *Memórias do Instituto Oswaldo Cruz* **98**: 353-360.
- HAMADA, N., COSTA, W. L. S. & S. DARWICH (1997): Notes on artificial substrates for black fly (Diptera: Simuliidae) larvae and microsporidian infection in Central Amazonas, Brazil. - *Anais da Sociedade Entomológica Brasileira* **26**: 589-593.
- HAMADA, N., HERNÁNDEZ, L. M. & S. L. B. LUZ (2006a): Taxonomy of *Simulium guaporense* PY-DANIEL (Diptera: Simuliidae) from Brazil, with the first description of males and females. - *Zootaxa* **1104**: 23-34.
- HAMADA, N., HERNÁNDEZ, L. M., LUZ, S. L. B. & M. PEPINELLI (2006b): *Simulium (Chirostilbia) jefersoni*, a new species of black fly (Diptera: Simuliidae) from the state of Bahia, Brazil. *Zootaxa* **1123**: 21–37.
- HAMADA, N., LUZ, S. L. B. & S. COSCARÓN (2004): New morphological information on *Simulium cerradense* adults and new records of black fly species (Diptera: Simuliidae) in the western region of Bahia state, Brazil. - *Zootaxa* **693**: 1-8.

- HAMADA, N., MCCREADIE, J. W. & P. H. ADLER (2002): Species richness and spatial distribution of blackflies (Diptera: Simuliidae) in streams of Central Amazonia, Brazil. - *Freshwater Biology* **47**: 31-40.
- HAMADA, N., PEPINELLI, M. & L. M. HERNÁNDEZ (2006c): *Simulium nunesdemelloi* (Diptera: Simuliidae), a new species of black fly from the northwestern region of Amazonas State, Brazil. - *Zootaxa* **1371**: 23-35.
- HAMADA, N., PEPINELLI, M. & L.B.L.F. MARDINI (2006d): Chave para identificação de pupas da família Simuliidae (Diptera: Nematocera) para apoio às equipes regionais e municipais na determinação das espécies. – Porto Alegre, Centro Estadual de vigilância em Saúde pp. 40.
- HEARLE, E. (1932): The blackflies of British Columbia (Simuliidae: Diptera). – *Proceedings of the Entomological Society of British Columbia* **29**: 5-19.
- Henning, W. (1965). Phylogenetic systematics. *Annals Review of Entomology*, 10: 97-116.
- HERNÁNDEZ, L. M., HAMADA, N., PEPINELLI, M. & R. M. KIKUCHI (2008): Description of the larva of *Simulium lobatoi* LUNA DIAS, HERNÁNDEZ, MAIA-HERZOG & SHELLEY (Diptera: Simuliidae) from Brazil. - *Zootaxa* **1732**: 65-68.
- HERNÁNDEZ, L. M. & A.J.SHELLEY (2005): New specific synonymies and taxonomic notes on Neotropical blackflies (Diptera: Simuliidae). - *Zootaxa* **853**: 1-46.
- HERNÁNDEZ, L. M., SHELLEY, A. J., LUNA DIAS, A. P. A. & M. MAIA-HERZOG (2005): Redescription of the female, male and pupa of *Simulium itaunense* D'ANDRETTA & GONZÁLEZ B. (Diptera: Simuliidae). *Zootaxa* **896**: 1-14.
- HERNÁNDEZ, L. M., LUNA DIAS, A. P. A., MAIA-HERZOG, M. & A.J.SHELLEY (2006): Taxonomy of *Simulium (Inaequalium) petropoliense* COSCARÓN (Diptera: Simuliidae) from Brazil, with the first description of the male and larva. *Zootaxa* **1275**: 1-20.
- HERNÁNDEZ, L. M., SHELLEY A. J., LUNA DIAS, A. P. A. & M. MAIA-HERZOG (2007a): New specific synonymies and taxonomic notes on Neotropical black flies (Diptera: Simuliidae) belonging to the subgenera *Chirostilbia* ENDERLEIN, *Hemicnetha* ENDERLEIN, *Inaequalium* COSCARÓN & WYGODZINSKY, *Psaroniocompsa* ENDERLEIN and *Psilopelmia* ENDERLEIN. - *Zootaxa* **1506**: 1-80.
- HERNÁNDEZ, L. M., SHELLEY, A. J., LUNA DIAS, A. P. A. & M. MAIA-HERZOG (2007b): Review of the Neotropical blackfly subgenus *Inaequalium* COSCARÓN & WYGODZINSKY (Diptera: Simuliidae) based on adults and pupal morphology. - *Zootaxa* **1649**: 1-96.
- HERNÁNDEZ, L. M., SHELLEY, A. J., LUNA DIAS, A. P. A. & M. MAIA-HERZOG (2008): Review of the Neotropical blackfly subgenus *Chirostilbia* ENDERLEIN (Diptera: Simuliidae) based on adults and pupal morphology. *Zootaxa* **1834**: 1-100.
- HIRAI, H. & K. UEMOTO (1983): The analysis. of salivary gland chromosomes of *Simulium ochraceum* from Guatemala and Mexico. - *Japanese Journal of Sanitary Zoology* **34**: 120.

- HOFFMANN, C.C. (1930a): Un *Simulium* nuevo de la zona cafetera de Chiapas. – Anales del Instituto de Biología **1**: 51-53.
- HOFFMANN, C. (1930b): Los simúlidos de la región onchocercosa de Chiapas (con descripción de nuevas especies). - Anales do Instituto de Biología, México **I**: 293-306.
- HOMAN, E. J., ZULUAGA, F. N., YUILL, T. M. & H. LORBACHER DE R. (1985): Studies on the transmission of Venezuelan Equine Encephalitis virus by Colombian Simuliidae (Diptera). - American Journal of Tropical Medicine and Hygiene **34**: 799-804.
- HUDSON, R. A. (1997): *Brazil - a country study*. - Federal Research Division, Library of Congress, USA. <http://www.loc.gov/specify>
- Hutchinson, R. (2007). Simuliidae (Blackflies). [<http://www.roberth.u-net.com/blackflies.htm>/last accessed October 2007.]
- IBÁÑEZ-BERNAL, S. 1992. *Las especies mexicanas de Simulium (Hemicnetha) and S. (Notolepria) (Diptera: Simuliidae)*. - 297 pp. M.S. Thesis, Universidad Autónoma de Mexico, Mexico D.F.
- INSTITUTO BRASILEIRO DE GEOGRAFIA E ESTATÍSTICA (2008): <ftp://geofp.ibge.gov.br/specify>
- INTERNATIONAL CODE OF ZOOLOGICAL NOMENCLATURE. 4th edition. (1999): International Trust for Zoological Nomenclature xxix + 306pp.
- JENNINGS, A. (1915): Two new species of Simuliidae from tropical America. – Proceedings of the Entomological Society of Washington **17**: 199-200
- JOAN, T. (1912): Nota sobre un díptero ponzoñoso. - Boletín del Ministerio de la Agricultura, Argentina **14**: 363-385.
- JUNK, W.J. (ed.) (1997): The Central Amazon Floodplain: Ecology of a Pulsing System.- Ecological Studies, Vol. 126, Springer Verlag, Berlin Heidelberg New York, 525 pp.
- KIM, K. C. & R. W. MERRITT (eds.).(1988) [1987]: *Black flies: ecology, population management, and annotated world list*. – Pennsylvania State University, University Park and London. xv + 528 pp.
- KNAB, F. (1913): A note on some American Simuliidae. - Insecutor Inscitiae Menstruus **1**: 154-156.
- KNAB, F. (1914a): Simuliidae of Peru. - Proceedings of the Biological Society of Washington **27**: 81–86.
- KNAB, F. (1914b): Supplementary notes on Peruvian Simuliidae. - Proceedings of the Biological Society of Washington **27**: 123-124.
- KNAB, F. (1914c): Simuliidae de Chile septentrionale. – Anales de Zoología Aplicada **1**: 17-22.
- KNAB, F. (1915) [1914]: New data and species in Simuliidae. - Insecutor Inscitiae Menstruus **2**: 177–180.
- LACEY, L. A. & J. D. CHARLWOOD (1980): On the biting activities of some anthropophilic Amazonian Simuliidae (Diptera). - Bulletin of Entomological Research **70**: 495-509.
- LACEY, L. A. & J. M. LACEY (1983): Filter feeding of *Simulium fulvinotum* (Diptera: Simuliidae) in the Central Amazon basin. - Quaestiones Entomologicae **19**: 41-51.

- LACEY, L.A., SCHRECK, C.E. & T.P.MCGOVERN (1981): Native and Experimental repellents against black flies (Diptera: Simuliidae) in the Amazon basin of Brazil. – *Mosquito News* **41**: 376-379.
- LAIRD, M. (ed.). (1981): Blackflies. The future for biological methods in integrated control. - Academic Press. New York. Xii + 399pp.
- LANE, J. & C. E. PORTO (1939): Simulídeos da região neotropical: o gênero *Eusimulium*. - *Boletim Biológico* (n. s.) (São Paulo) **4**: 168–176.
- LANE, J. & C. E. PORTO (1940): Simulídeos da região neotropical. III - Descrição de novas espécies dos gêneros *Simulium* e *Eusimulium*. - *Arquivos do Instituto Biológico* **11**: 189-195.
- LANE, J. & M. A. VULCANO (1943): A armadura bucal dos simulídeos [*sic*] e seu valor taxonômico (Diptera, Simuliidae). - *Revista de Entomologia* **14**: 430-440.
- LATREILLE, P. A. (1802): *Histoire Naturelle, générale et particulière des crustacés et des insectes. 3. Familles naturelles des genres*. - F. Dufart, Paris. 467 pp.
- LAURANCE, W. F. (1998): A crisis in the making: responses of Amazonian forests to land use and climate change. - *Trends in Ecology and Evolution* **13**: 411-415.
- Linnaeus, C. (1758). *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum caretibus, differentiis, synonymis, locis*. 10<sup>th</sup> ed., Stockholm, Sweden, 824 pp.
- LOEW, H. (1862): *Monographs of the Diptera of North America. Part I*. - Smithsonian Miscellaneous Collections **6**: xxiv + 221 pp.
- LOZOVEI, A. L., CUNHA, M. C. I. & V. L. R. OLIVEIRA (1992): Controle físico de Simulídeos (Diptera, Simuliidae) em vertedouros de açudes de piscicultura e no leito do rio Dom Rodrigo, Campo Largo, Paraná, Brasil. *Arquivos de Biologia e Tecnologia* **35**: 679–684.
- LUGGER, O. (1897): Buffalo gnats, black flies pp. 172-182. - *Annual Report of the Entomologist of the University of Minnesota State Experimental Station* **2**: 1-244 + 16 plates
- LUNA DE CARVALHO, E. (1962): Dados para o conhecimento dos simúlios de Angola (Diptera, Simuliidae). *Publicações Culturais da Companhia de Diamantes de Angola* **60**: 13-55. [Indicated as 13-56 in separate, but page 56 is blank.]
- LUNA DIAS, A. P. A., HERNÁNDEZ, L. M., MAIA-HERZOG, M. & A.J.SHELLEY (2004): *Simulium lobato*, new species of blackfly (Diptera: Simuliidae) from the states of Mato Grosso and Goiás, Central Brazil. - *Memórias do Instituto Oswaldo Cruz* **99**: 37-43.
- LUNDSTRÖM, C. (1911): Beiträge zur Kenntnis der Dipteren Finlands VII. Melusinidae (Simuliidae). *Acta societatis pro fauna et flora fennica*, 34: (ii un-numbered pages) 6-23 + (ii un-numbered pages).
- LUTZ, A. (1909): Contribuição para o conhecimento das espécies brasileiras do genero "*Simulium*". - *Memórias do Instituto Oswaldo Cruz* **1**: 124-146.
- LUTZ, A. (1910): Segunda contribuição para o conhecimento das espécies brasileiras do genero "*Simulium*". - *Memórias do Instituto Oswaldo Cruz* **2**:213-267.

- LUTZ, A. (1917): Terceira contribuição para o conhecimento das espécies brasileiras do gênero *Simulium*. O piúm do norte (*Simulium amazonicum*). - Memórias do Instituto Oswaldo Cruz **9**: 63-67.
- LUTZ, A. (1922): *Zoologia Médica. Nematoceros hematofagos não pertencendo aos Culicídeos*. - A Folha Médica **12**: 89-92.
- LUTZ, A. 1928. *Estudios de Zoología y Parasitología Venezolanos*. - Pp. 133 +26.plates. Rio de Janeiro.
- LUTZ, A., ARAUJO, H. C. & O. FONSECA (1918): Viagem científico no Rio Paraná e a Asunción com volta por Buenos Aires, Montevideo e Rio Grande. - Memórias do Instituto Oswaldo Cruz **10**: 104-173.
- LUTZ, A. & A. MACHADO (1915): Viagem pelo rio S. Francisco e por alguns dos seus afluentes entre Pirapora e Joazeiro. - Memórias do Instituto Oswaldo Cruz **7**: 5-49.
- MACQUART, J. (1838): Diptères exotiques nouveaux ou peu connus. - Mémoires de la Société des Sciences de l'Agriculture et des Arts de Lille **2**:9-225. [Original volume with pagination 9-225; reprints with pagination 5-221. Description of *S. nigrimanum* on p.88 of original volume and p.84 of reprinted volume.]
- MACQUART, J (1846) [1844]: Diptères exotiques nouveaux ou peu connus. – Supplément. Mémoires de la Société (Royale) des Sciences, de l'Agriculture et des Arts de Lille **1844**: 133-364. [Reprinted separately with pagination 5-238].
- MAGNI, S.T. & V. PY-DANIEL (1989): *Aegla platensis* SCHMITT, 1942 (Decapoda: Anomura) um predador de imaturos de Simuliidae (Diptera: Culicomorpha). – Revista de Saúde Pública **23**: 258-259.
- MAIA-HERZOG, M., SHELLEY, A. J. & A.P.A.LUNA DIAS (1985): *Simulium hirtipupa* LUTZ, 1910 (Diptera: Simuliidae) - descrição dos adultos e larva e redescricao da pupa. - Memórias do Instituto Oswaldo Cruz **80**: 483-490.
- MAIA-HERZOG, M., FELIPPE-BAUER, M. L., MALAGUTI, R. & CARVALHO LEITE, T. C. (1988): A contribution to the study of *Simulium* and *Culicoides* of Rio de Janeiro: monthly incidence and biting activity. - Memórias do Instituto Oswaldo Cruz **83**: 95-99.
- MAIA-HERZOG, M., SHELLEY, A. J., LUNA DIAS, A. P. A. & R. MALAGUTI (1984): Comparação entre *Simulium brachycladum* e *S. rubrithorax*, suas posições no subgênero *Hemicnetha* e notas sobre uma espécie proxima, *S. scutistriatum* (Diptera: Simuliidae). - Memórias do Instituto Oswaldo Cruz **79**: 341-356.
- MALLOCH, J. R. (1912): One new genus and eight new species of dipterous insects in the United States National Museum collection. - Proceedings of the United States National Museum **43**: 649-658.
- MALLOCH, J. R. (1913): A new species of *Simulium* from Texas. - Proceedings of the Entomological Society of Washington **15**: 133-134.
- MALLOCH, J. R. (1914): American black flies or buffalo gnats. - Technical Series of the Bureau of Entomology of the United States **26**: 1-71 + 6 plates.

- MEDEIROS, J.F. ANDRADE, H.T.A. & HURTADO GUERRERO, J.C. (1999): Larval preference of *Psaroniocompsa incrusta* (Lutz, 1910) (Diptera: Simuliidae) for different colours of artificial substrates in breeding grounds, at Pium river, State of Rio Grande do Norte, Brazil. – Memórias do Instituto Oswaldo Cruz, 94: 849-850.
- MEREDITH, S. E. O., CHEKE, R. A. & R. GARMS (1983): Variation and distribution of forms of *Simulium soubrense* and *S. sanctipauli* in West Africa. - Annals of Tropical Medicine and Parasitology **77**: 627-640.
- MILLEST, A. L. (1989): *The Simulium ochraceum and S. metallicum species complexes in Mexico: identification, distribution and relation to onchocerciasis*. – 113 pp. + appendices. PhD thesis, University of Southampton, UK.
- Millest, A.L. (1992). Identification of members of the *Simulium ochraceum* species complex in the three onchocerciasis foci in Mexico. *Medical and Veterinary Entomology*, 6: 23-28.
- MIRANDA-ESQUIVEL, D. R. & S. COSCARÓN (2001): Cladistic analysis of *Simulium (Trichodagmia)* and *Simulium (Thyrsopelma)* (Diptera: Simuliidae). – Zoological Journal of the Linnaean Society **132**: 429-439.
- MIRANDA ESQUIVEL, D. R. & P. MUÑOZ DE HOYOS (1993): Relaciones filogenéticas del subgenero *Ectemnaspis* subgrupo *bicoloratum* (Simuliidae: *Simulium*). – Revista del Academia Colombiana de Ciencias **18**: 571-577.
- MIRANDA ESQUIVEL, D. R. & P. MUÑOZ DE HOYOS (1995): *Ectemnaspis* o *Psilopelmia*? He ahí el dilemma. - Revista Colombiana de Entomología **21**: 129-144.
- MOREIRA, G.R.P., PEGORARO, R.A. & G. SATO (1994): Influência de fatores abióticos sobre o desenvolvimento de *Simulium nogueirai* D'ANDRETTA & GONZÁLEZ em um córrego da Mata Atlântica. Anais da Sociedade Entomológica Brasileira **23**: 525-542.
- MOULTON, J. K. (1997): *Molecular systematics of the Simuliidae (Diptera: Culicomorpha)*. - Ph.D. thesis. University of Arizona, Tucson. 279 pp.
- MOULTON, J. K. (1998): Re-examination of *Simulium (Psilopelmia)* ENDERLEIN (Diptera: Simuliidae) of America north of Mexico. - Proceedings of the Entomological Society of Washington **100**: 50-71.
- Moulton, J.K. (2000). Molecular sequence data resolve basal divergence within Simuliidae. *Systematic Entomology*, 25: 95-113.
- Moulton, J.K. (2003). Can the current molecular arsenal adequately track rapid divergence events within Simuliidae (Diptera)? *Molecular Phylogenetics and Evolution*, 45-57.
- MOULTON, J. K. & P. ADLER (2002): A new species of *Simulium (Psilopelmia)* ENDERLEIN (Diptera: Simuliidae) from southern New Mexico, USA. - Studia Dipterologica **9**: 213-218.

- MUÑOZ DE HOYOS, P. (1996): *Simulium (Grenieriella) sumapazense* Coscarón & Py-Daniel (Diptera: Simuliidae). Descripción del adulto y larva. Resdescripción de la pupa. - Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales 20: 141-148.
- MUÑOZ DE HOYOS, P. & MIRANDA-ESQUIVEL, D.R. (1996): Simulidos (Diptera: Simuliidae) presentes entre las vertientes Magdalenense y Orinocense, en un sector al centro de Colombia. Caldasia: 297-310.
- NATHAN, M.B.; TIKASINGH, E.S. & P. MUNROE (1982): Filariasis in amerindians of western Guyana with observations on transmission of *Mansonella ozzardi* by a *Simulium* species of the amazonicum group. - Tropenmedizin Parasitologie 33: 219-222.
- Newman, E. (1834). Attempted division of British insects into natural orders. *Entomological Magazine*, 2: 379-431.
- NUNES DE MELLO, J. A. S. (1974): Simulídeos (Diptera Nematocera) do Território Federal de Roraima (Brasil). - Pontifícia Universidade Católica, Faculdade de Medicina Sorocaba, Brasil. vii + 56pp. PhD thesis.
- NUNES DE MELLO, J.A. & F.B. ALMEIDA (1974): Simuliidae da Amazônia VII. Descrição de *Simulium pseudoexiguum* sp. n. (Diptera, Nematocera). - Acta Amazonica 4: 65-68.
- NUNES DE MELLO, J. A. & E. VIEIRA DA SILVA (1974): Simuliidae da Amazônia VIII. Descrição de *Simulium mutucuna* sp. n. (Diptera, Nematocera). - Acta Amazonica 4: 69-71.
- NUNES DE MELLO, J. A., BARBOSA DE ALMEIDA, F. & J. DELLOME FILHO (1973): Simuliidae da Amazônia VI. Descrição de *Simulium meruoca* sp.n. (Diptera, Nematocera). - Acta Amazonica 3: 59-62.
- OCHOA, J. O., CASTRO, J. C., BARRIOS, V. M. & E. L. JUAREZ (1997): Successful control of onchocerciasis vectors in San Vicente Pacaya, Guatemala, 1984-1989. - Annals of Tropical Medicine and Parasitology 91: 471-479.
- OKAZAWA, T. & O. ONISHI (1980): Description of a new species of *Simulium (Simulium)* LATREILLE and redescription of *Simulium (Simulium) metallicum* BELLARDI from Guatemala (Diptera: Simuliidae).- Japan Journal of Sanitary Zoology, 32 (3): 167-179.
- ORFILA, R. N. (1939): Simuliidae (Diptera) de la República Argentina. - Novena Reunión de la Sociedad Argentina de Patología Regional 3: 1525-1534.
- ORTIZ, I. (1957): Nuevas representantes hematofagos de los generos *Culicoides* (Diptera: Ceratopogonidae) y *Simulium* (Diptera: Simuliidae) de Venezuela. - Boletín Venezolano de Laboratorio Clínico 2: 161-168.
- PAN AMERICAN HEALTH ORGANIZATION. (1974): Research and Control of onchocerciasis in the Western Hemisphere. - Scientific Publication 298: xii + 154pp.
- PATERSON, G. & R. C. SHANNON (1927): Los simúlidos del noroeste argentino. - Revista del Instituto Bacteriológico 4: 737-742.

- PEGORARO, R. A. (1987): Longevidade de *Simulium (Chirostilbia) pertinax* Kollar, 1832 (Diptera: Simuliidae) em ambiente controlado, com diferente dietas. Anais da Sociedade Entomológica do Brasil, **16**: 315–324.
- PEGORARO, R. A. (1993): Ciclo biológico de *Simulium (Chirostilbia) pertinax* Kollar, 1832 (Diptera: Simuliidae). Anais da Sociedade Entomológica do Brasil **22**: 29–38.
- PEPINELLI, M., HAMADA, N. & S. TRIVINHO-STRIXINO (2005): *Simulium (Thyrsopelma) duodenicornium*, a new black fly species (Diptera, Simuliidae) from the southeast region of Brazil. - Zootaxa **1040**: 17-29.
- PEPINELLI, M., HAMADA, N. & S. L. B. LUZ (2006a): *Simulium (Inaequalium) margaritatum*, a new species of black fly (Diptera: Simuliidae) from the central region of Bahia State, Brazil. - Zootaxa **1167**: 47-60.
- PEPINELLI, M., HAMADA, N. & S. TRIVINHO-STRIXINO (2006b): Larval description of *Simulium (Notolepria) cuasiexiguum* and *Simulium (Chirostilbia) obesum* and new records of black fly species (Diptera: Simuliidae) in the States of São Paulo and Minas Gerais. Neotropical Entomology **35**: 698–704.
- PEPINELLI, M., S. TRIVINHO-STRIXINO (2002): Colonização de substratos artificiais de diferentes cores por imaturas de *Simulium inaequale* PATERSON & SHANNON, 1927 (Diptera, Simuliidae). - Entomologia y Vectores **9**: 349-357.
- PEPINELLI, M., S. TRIVINHO-STRIXINO (2002): Colonização de substratos artificiais de diferentes cores por imaturas de *Simulium inaequale* PATERSON & SHANNON, 1927 (Diptera, Simuliidae). - Entomologia y Vectores **10**: 307-317.
- PEPINELLI, M., TRIVINHO-STRIXINO, S. & N. HAMADA (2003a): Description of *Simulium (Chirostilbia) friedlanderi* PY-DANIEL, 1987 (Insecta: Diptera: Simuliidae) female. *Biota Neotrópica*, 3, 1–6.
- PEPINELLI, M., TRIVINHO-STRIXINO, S. & M. HAMADA (2003b): New records of Simuliidae (Diptera, Nematocera) in the state of São Paulo, Brazil. - Revista Brasileira de Entomologia **47**: 653-655.
- PEREIRA, E. S., HAMADA, N. & S. L. B. LUZ (2001): Citotaxonomia de *Simulium oyapockense* s.l. Diptera: Simuliidae) da área de São Gabriel da Cachoeira, Am. - Anais da X Jornada de Iniciação Científica do PIBIC/INPA, **04-06 de julho de 2001**: 57-60.
- PESSOA, F. A. C. (2004): *Revisão e análise cladística dos gêneros Cerqueirellum* (PY-DANIEL, 1983) e *Coscaroniellum* (PY-DANIEL, 1983). PhD thesis. Instituto de Pesquisas da Amazônia, 329pp.
- PESSOA, F. A. C., PY-DANIEL, V. & C. M. R. VELÁSQUEZ (2008a): Cladistic analysis of the Neotropical genera *Cerqueirellum* PY-DANIEL, 1983, *Coscaroniellum* PY-DANIEL, 1983 and *Shelleyellum* PY-DANIEL & PESSOA, 2005 (Diptera: Simuliidae). - Acta Amazonica **38**: 551-568.
- PESSOA, F. A. C., BARBOSA, U. C & J. F. MEDEIROS (2008b): A new species of *Cerqueirellum* PY-DANIEL, 1983 (Diptera: Simuliidae) and proven new vector of mansonelliasis from the Ituxi River, Amazon basin, Brazil. - Acta Amazonica **38**: 569-578.

- PESSOA, F. A. C., VELÁSQUEZ, C. M. R. & V. PY-DANIEL (2005): First survey of Simuliidae (Diptera) from the north of Ceará state, Brazil, with description of a new species and identification keys for the immature stages. - *Zootaxa* **1051**: 1-18.
- PETERSON, B. V. (1975): A new name for a subgeneric homonym in the Simuliidae (Diptera). - *Canadian Entomologist* **107**: 111
- PETERSON, B. V. (1993): The black flies of the genus *Simulium*, subgenus *Psilopelmia* (Diptera: Simuliidae), in the contiguous United States. - *Journal of the New York Entomological Society* **101**: 301-390.
- PETERSON, B.V. (1981). Simuliidae. In “*Catalogue of the Nearctic Diptera*”, vol.1, pp: 355-291.
- PETERSON, B.V. & M. E. CRAIG (1997) [1996]: *Simulium (Hemicnetha) wirthi*, a new species of black fly (Diptera: Simuliidae) from New Mexico. – *Memoirs of the Entomological Society of Washington* **18**: 212-220.
- PETERSON, B. V., VARGAS V., M. & J. RAMÍREZ PÉREZ (1988): J. *Simulium (Hemicnetha) hieroglyphicum* (Diptera: Simuliidae), a new black fly species from Costa Rica. - *Proceedings of the Entomological Society of Washington*: **90**: 76-86.
- PHILIPPI, R.A. (1865): Aufzählung der chilenischen Dipteren. - *Verhandlungen der K.K. zoologisch-botanischen Gesellschaft, Wien*, **15**: 595-782.
- PHILLIPS, A., CROSSKEY, R., SHELLEY, A., BROOMFIELD, G. & D. H. MOLYNEUX (1986): Cuticular hydrocarbon analysis of museum Simuliidae. - *Transactions of the Royal Society of Tropical Medicine and Hygiene* **80**: 844.
- PINHEIRO, F. P., BENSABATH, G., FREITAS, R. B. & D. COSTA JR. (1986): Fundação Serviços de Saúde Pública. Instituto Evandro Chagas: 50 anos de contribuição às ciências biológicas e à medicina tropical. - *Fundação Serviços de Saúde Pública* **2**: 795-8.
- PINHEIRO, F. P., BENSABATH, G., COSTA JR., DOMINGO, MAROJA, O.M., LINS, Z. & ANDRADE, A.M.P. (1974a). *The Lancet* **1**: 639-642.
- PINHEIRO, F. P. (1983). Síndrome Hemorrágica de Altamira. *Saúde na Amazônia*, 2nd edition, pp: 107-108.
- PINTO, C. (1932) [1931]: Simuliidae da America Central e do Sul. - *Reunión de la Sociedad Argentina de Patología Regional del Norte* **7**: 661-763 + i, corrigenda.
- Pinto-Sánchez, N.R., Miranda-Esquivel, R. & Muñoz de Hoyos, P. (2005). Phylogenetic analysis of *Gigantodax* (Diptera: Simuliidae). *Insect Systematics and Evolution*, **36**:1-26.
- POHL, J. E. (1832): *Reise im Innern von Brasilien*. - Erster Theil [=Part I] xxx + 448 pp. Anton Strauss, Wien [=Vienna]. [pp. 101-119 of this work form a section entitled “Die vorzüglich lästigen Insecten Brasiliens” in which the description of *Simulium pertinax* by KOLLAR is on p. 117. KOLLAR is not named as co-author of this section, but is named so on the version issued as a separate (see POHL & KOLLAR, 1832). The legend to the plate occupies pp. 118 and 119.]

- POHL, I. [=J] E. & V. KOLLAR (1832): *Brasiliens vorzüglich lästige Insecten*. - 20 pp. Wien. [This work contains the description of *Simulium pertinax* by KOLLAR on p.19. It is extracted and re-paginated from pp. 101-119 in POHL, 1832. It differs from the original in attributing co-authorship to KOLLAR on the title page and in the differently set legend (p.20) to the plate.]
- PORTO, C. E. (1940): Simulídeos da região neotrópica. - Arquivos de Zoologia do Estado de São Paulo **1**:
- Post, R.J. (1982a).The cytotaxonomy of *Simulium (Edwardesellum) dieguerense* Vajime and Dunbar 1975. *Tropenmedizin und Parasitologie*, **33**:37-39.383-385.
- POST, R. (1982B): Sex-linked inversion in blackflies (Diptera: Simuliidae). *Heredity* **48**: 85-93.
- Post, R.J. (1986):The cytotaxonomy of *Simulium sanctipauli* and *Simulium soubrense* (Diptera: Simuliidae). *Genetica*, **69**: 191-207.
- Post, R.J. & Flook, P. (1992): DNA probes for the identification of members of the *Simulium damnosum* complex (Diptera; Simuliidae). *Medical and Veterinary Entomology*, **6**:379-384.
- POST, R. J., ADAMS, Z., SHELLEY, A. J., MAIA-HERZOG, M., LUNA DIAS, A. P. A. & S. COSCARON (2003): The morphological discrimination of microfilariae of *Onchocerca volvulus* from *Mansonella ozzardi*. - *Parasitology* **127**: 21-27.
- PRAMUAL, P. & KUVANGKADILOK, C. (2009): Agricultural land use and black fly (Diptera, Simuliidae) species richness and species assemblages in tropical streams, Northern Thailand. *Hidrobiologia* **625**: 173-184.
- PROCUNIER, W. S. (1988): Vector simuliids complex of onchocerciasis in Latin America. - *Proceedings of the International Conference of Medical and Veterinary Dipterology* **1988**: 185-189.
- PROCUNIER, W. S. (1989): Cytological approaches to simuliid biosystematics in relation to the epidemiology and control of human onchocerciasis. - *Genome* **32**: 559-569.
- PROCUNIER, W. S., SHELLEY, A. J. & M. ARZUBE (1985): Sibling species of *Simulium exiguum* (Diptera): the primary vector of onchocerciasis in Ecuador. - *Revista Ecuatoriana de Higiene y Medicina Tropical* **35**: 49-59.
- PROCUNIER, W. S., SHELLEY, A. J. & M. ARZUBE (1987): Cytological identification of *Simulium oyapockense* Manabi form (Diptera: Simuliidae): a potential vector of onchocerciasis in Ecuador. - *Tropical Medicine and Parasitology* **38**: 71.
- PRUESS, K.P., ZHU, X. & T.O. POWERS (1992): Mitochondrial transfer RNA genes in black fly, *Simulium vittatum* (Diptera: Simuliidae), indicate long divergence from mosquito (Diptera: Culicidae) and fruit fly (Diptera: Drosophilidae). *Journal of Medical Entomology*, **29**: 644-651.
- PY-DANIEL, V. (1981): Algumas considerações sobre Simuliidae (Diptera: Nematocera) II. - *Acta Amazônica* **11**: 171-181.

- PY-DANIEL, V. (1982): Prosimuliini (Diptera: Simuliidae) Neotropical. 1. *Kempfsimulium* V. PY-DANIEL & J. A. NUNES DE MELLO n.gen.; *K. simplicicolor* (LUTZ, 1910) n.comb.; *Mayacnephia muzquicensis* (DÍAZ NÁJERA, 1971) n.comb. - Amazoniana **7**: 293-333.
- PY-DANIEL, V. (1983): Caracterização de dois novos subgêneros em Simuliidae (Diptera: Culicomorpha) Neotropical. - Amazoniana **8**: 159-223.
- PY-DANIEL, V. (1984): Simuliidae (Diptera: Culicomorpha) no Brasil. II. – Sobre o *Simulium nabimi* sp.n. - Boletim do Museu Paraense Emilio Goeldi, Zoologia **1**: 125-137.
- PY-DANIEL, V. (1987): Simuliidae (Diptera: Culicomorpha) no Brasil. V. Sobre o *Simulium* (*Chirostilbia*) *friedlanderi* sp. n. e revisão do *Simulium* (*C.*) *laneportoi* VARGAS, 1941. - Revista de Saúde Pública **21**: 331-341.
- PY-DANIEL, V. (1988): Simuliidae (Diptera: Culicomorpha) no Brasil. vi. Sobre *Simulium* (*Psaroniocompsa*) *siolii* sp.n., *Simulium* (*P.*) *lourencoi* sp. n., e *Simulium* (*P.*) *damascenoi* sp.n. - Revista de Saúde Pública **21**: 331-341.
- PY-DANIEL, V. (1989a): Novas sinonímias e correções em *Simulium* com a revalidação de *S. pruinatum* LUTZ, 1904 [error for 1910] (Culicomorpha, Simuliidae). - Revista de Saúde Pública **23**: 254-257.
- PY-DANIEL, V. (1989b): Simuliidae (Diptera: Culicomorpha) no Brasil. X. Descrição de *Simulium* (*Psaroniocompsa*) *guaporense* sp.n. - Revista de Saúde Pública **23**: 502-508.
- PY DANIEL, V. & U.C. BARBOSA (2007): Simuliidae (Diptera, Culicomorpha) no Brasil – XIII sobre *Inaequalium lundii* sp.n. - Acta Amazonica **37**: 465-474.
- PY-DANIEL, V. & S. COSCARÓN (1982): Simuliidae (Diptera: Nematocera) no Brasil. 1. Sobre o *Simulium rappae* sp.n. - Revista Brasileira de Biologia **42**:155-163.
- PY-DANIEL, V. & S. COSCARÓN (2001): Simuliidae (Diptera: Culicomorpha) no Brasil. III. Sobre o *Coscaroniellum ulysseii* sp.n. - Entomología y Vectores **8**:51-64.
- PY-DANIEL, V. & S. M. DARWICH (1997): Simuliid “Borrachudo/Pium” control in Brazil. - The British Simuliid Group Bulletin **9**: 7–10.
- PY-DANIEL, V. & G. R. P. MOREIRA (1988): Simuliidae (Diptera, Culicomorpha) no Brasil. VII. Sobre o *Simulium* (*Chirostilbia*) *empascae*. - Iheringia, série Zoologia **67**: 77-86.
- PY-DANIEL, V. & G. R. P. MOREIRA (1989): Simuliidae, Diptera, Culicomorpha) no Brasil. IX. *Simulium* (*Inaequalium*) *nogueirai* D’ANDRETTA & GONZALEZ 1964. Iheringia, Ser. Zoologia, Porto Alegre **69**: 85-95.
- PY-DANIEL, V. & R. T. MOREIRA SAMPAIO (1994a): *Jalacingomyia* gen.n. (Culicomorpha); a ressurreição de Gymnopauidinae; a eliminação do nível tribal; apresentação de novos caracteres e a redescoberta dos estágios larval e pupal de *Simulium colombaschense* (FABRICIUS, 1787) (Diptera: Simuliidae). – Memórias del CAICET **4**: 101-148.
- PY-DANIEL, V. & R. T. MOREIRA SAMPAIO (1994b): Atualização nomenclatural para Simuliidae Neotropical (Diptera, Culicomorpha, Simuliidae). - Memórias del CAICET **4**: 149-156.

- PY-DANIEL, V. & R. T. MOREIRA SAMPAIO (1995): Gêneros e espécies de Simuliidae (Diptera: Culicomorpha) assinalados para o Brasil até 1995. –Entomologia e Vectores (Rio de Janeiro) **2** (50):117-121.
- PY-DANIEL, V. & F. A. C. PESSOA (2005): Simuliidae (Diptera: Culicomorpha) no Brasil XI – *Shelleyellum* gênero novo. - Acta Amazonica **35**: 473–486.
- PY-DANIEL, V. & F. A. C. PESSOA (2005): Simuliidae (Diptera: Culicomorpha) no Brasil XI. *Shelleyellum* gênero novo. - Acta Amazonica **36**: 133. which is correct
- PY-DANIEL, V. & F. A. C. PESSOA (2006): Designação da espécie-tipo de *Shelleyellum* PY-DANIEL & PESSOA, 2005 (Diptera: Simuliidae). *Acta Amazonica*, 36, 133.
- PY-DANIEL, V. & A.J. SHELLEY (1980): Revisão do *Simulium spinibranchium* LUTZ, 1910 (Diptera: Simuliidae), com a primeira descrição dos adultos e larva, e redescricao da pupa. - Acta Amazonica **10**: 213-223.
- PY-DANIEL, V., DARWICH, S. M., MARDINI, L.B., STRIEDER, M. N. & S. COSCARON (2005): Simuliidae (Diptera, Culicomorpha) no Brasil – XII sobre o gênero *Thyrsopelma* ENDERLEIN, 1934: descrição de *T. jeteri* sp.n., considerações sobre o cibário e chave para as pupas. - Acta Amazonica **35**: 463-472.
- PY-DANIEL, V., KONRAD, H. G. & H. A. O. GASTAL (1985): Simuliidae (Diptera, Culicomorpha) no Brasil. IV. Descrição das larvas de *Simulium* (*Psaroniocompsa*) *brevifurcatum* LUTZ, 1910; *S. (P.) anamariae* VULCANO, 1962; *S. (Thyrsopelma) itaunense* D'ANDRETTA & DOLORES GONZÁLES, 1962. - Iheringia, Série Zoologia, Porto Alegre **65**: 95-102.
- PY-DANIEL, V., SOUZA, M. A. T. & E. P. CALDAS (1988): Simuliidae (Diptera, Culicomorpha) no Brasil. III. Sobre o *Simulium* (*Chirostilbia*) *riograndense* sp. n. e revisão do *Simulium* (*Chirostilbia*) *distinctum* LUTZ, 1910. – Iheringia. Série Zoologia **67**: 37-57.
- RABINOVITCH, L., CAVADOS, C. F. G., CHAVES, J. Q., ARAUJO-COUTINHO, C. J. P. C.A., ZAHNER, V., SILVA, K. R. A. & L. SELDIN (1999): A new strain of *Bacillus thuringiensis* serovar *israelensis* very active against blackfly larvae. –Memórias do Instituto Oswaldo Cruz **94**: 683–685.
- RAMBAJAN, I. (1979): [Nominal publication year 1975.]. A new species of *Simulium* (Simuliidae: Diptera) from the Lethem area, Rupununi district, Guyana, South America. - Journal of the Guyana Museum and Zoo, South America **45**: 63-77.
- RAMÍREZ PÉREZ, J. (1971): Distribución geográfica y revisión taxonómica de los simúlidos (Diptera: Nematocera) de Venezuela con descripción de diez especies nuevas. - Acta Biologica Venezuelana **7**: 271-371.
- RAMÍREZ PÉREZ, J. (1977): Estudio sobre la morfología de *Simulium metallicum*, vector de la oncocercosis humana en Venezuela. - Publicación Científica [Pan American Health Organization, Washington, D.C. USA] **338**: iii + 1-140.

- RAMÍREZ PÉREZ, J. (1980): Descripción de cuatro nuevas especies de *Simulium* LATREILLE, (1802): (Diptera: Simuliidae) de la región amazónica de Venezuela. - Boletín de la Dirección de Malariología y Saneamiento Ambiental, Venezuela **20**: 59-69.
- RAMÍREZ PÉREZ, J. (1983): *Los jejenes de Venezuela*. - Simposio de Oncocercosis Americana, CAICET, Puerto Ayacucho, 15-17 Octubre, 1983, iii+ 156 pp.
- RAMÍREZ PÉREZ, J. (1987): Revisión de la familia Simuliidae (Diptera, Nematocera) en Venezuela. - Boletín de la Dirección de Malariología y Saneamiento Ambiental **27**: 21-44.
- RAMÍREZ PÉREZ, J. & B. V. PETERSON (1981a): Estudio del complejo *Simulium amazonicum-sanguineum* en Venezuela. Descripción de tres nuevas especies. Boletín de la Dirección de Malariología y Saneamiento Ambiental **22**: 151-160.
- RAMÍREZ PÉREZ, J. & B. V. PETERSON (1981b): *Simulium santaelenae* (Diptera: Simuliidae) nueva especie de jején del Estado Bolívar. - Boletín de la Dirección de Malariología y Saneamiento Ambiental **21**: 161-164.
- RAMÍREZ PÉREZ, J. & B. V. PETERSON (1982): Estudio del complejo *Simulium amazonicum-sanguineum* en Venezuela. Descripción de tres nuevas especies. Boletín de la Dirección de Malariología y Saneamiento Ambiental **21**: 151-160.
- RAMÍREZ PÉREZ, J. & M. A. VULCANO (1973): Descripción y redescriptiones de algunos simulidos de Venezuela (Diptera: Simuliidae). - Archivos Venezolanos de Medicina Tropical y Parasitología Medica **5**: 375-399.
- RAMÍREZ PÉREZ, J., RASSI, E. AND A. RAMÍREZ (1977): Cinco especies nuevas de *Simulium* LATREILLE, 1802 (Diptera, Simuliidae) de la región amazónica de Venezuela. - Boletín de la Dirección de Malariología y Saneamiento Ambiental **17**: 162-174.
- RAMÍREZ PÉREZ, J., YARZÁBAL, L. & B. V. PETERSON (1982): La simuliofauna del Territorio Federal Amazonas (Venezuela). - Publicación Científica **1**: 1-104. Proicet Amazonas.
- RAMÍREZ PÉREZ, J., YARZÁBAL, L., TAKAOKA, H., TADA, I. & A. RAMÍREZ (1984): *Simulium covargarciai* (Diptera: Simuliidae), nueva especie de jején en el T.F. Amazonas, Venezuela. - Boletín de la Dirección de Malariología y Saneamiento Ambiental **24**: 41-44.
- RAMÍREZ PÉREZ, J., YARZÁBAL, L., TAKAOKA, H., TADA, I. & A. RAMÍREZ (1986): *Simulium parimaensis* (Diptera: Simuliidae), nueva especie de jején en el Territorio Federal Amazonas, Venezuela. - Boletín de la Dirección de Malariología y Saneamiento Ambiental **26**: 61-64.
- RAPP PY-DANIEL, L.H. & V. PY-DANIEL (1984): Observações sobre *Spatuloricaria evansi* (Boulenger, 1892) (Osteichthyes; Loricariidae) e a sua predação em Simuliidae (Diptera: Culicomorpha). Boletim do Museu Paraense Emilio Goeldi, Zoologia **1**: 207-208.
- REID, G. D. F. (1994): Structure and function of the cibarial armature in Simuliidae. - Medical and Veterinary Entomology **8**: 295-301.

- RÍOS-VELÁSQUEZ, C. HAMADA, N. & P.H.ADLER (2002): Cytotaxonomy of *Simulium goeldii* CERQUEIRA & NUNES DE MELLO and *Simulium ulyssezi* (PY-DANIEL & COSCARÓN) (Diptera: Simuliidae) in Central Amazônia, Brazil. – *Insect Systematics and Evolution* **33**: 113-119.
- RÍOS-VELÁSQUEZ, C. & N. HAMADA (2002): Trichomycete fungi (Zygomycota) associated with the digestive tract of *Simulium goeldii* CERQUEIRA & NUNES DE MELLO and *Simulium ulyssezi* (PY-DANIEL & COSCARÓN) (Diptera: Simuliidae) larvae, in central Amazônia, Brazil. - *Memórias do Instituto Oswaldo Cruz* **97**: 423-426.
- RÍOS-VELÁSQUEZ, C. HAMADA, N. & P. H. ADLER (2002): Cytotaxonomy of *Simulium goeldii* CERQUEIRA & NUNES DE MELLO and *Simulium ulyssezi* (PY-DANIEL & COSCARÓN) (Diptera: Simuliidae) in central Amazônia, Brazil. - *Insect Systematics and Evolution* **33**: 113-119.
- RODRÍGUEZ-PÉREZ, M. A., LILLEY, B. G., DOMÍNGUEZ-VÁZQUEZ, A., SEGURA-ARENAS, R., LIZARAZO-ORTEGA, C., MENDOZA-HERERRA, A., REYES-VILLANUEVA, F. & T. R. UNNASCH. (2004): Polymerase Chain Reaction monitoring of transmission of *Onchocerca volvulus* in two endemic states in Mexico. - *American Journal of Tropical Medicine and Hygiene* **70**: 38-45.
- RODRIGUEZ-PEREZ, M.A., NUÑEZ-GONALEZ, LIZARAZO-ORTEGA, C., SANCHEZ-VARELA, A., WOOTEN, M.C. & T.R. UNASCH, T.R. (2006): Analysis of genetic variation in Ribosomal DNA Internal Transcribed spacer and the NADH Dehydrogenase subunit 4 mitochondrial genes of the onchocerciasis vector *Simulium ocraceum*. *Journal of Medical Entomology*, 4:701-706.
- ROBERTS, D. & M.A. STRAND. 1977: Pathogens of medically important arthropods. - *Bulletin of the World Health Organization*, 55, Supplement 1: 1-419.
- ROBERTS, D.W., DAoust, R.A. & S.P. WRAIGHT. (1983): Bibliography on pathogens of Medically Important Arthropods: 1981.- *World Health Organization, Vector Biology and Control* 1983.1: 1-324.
- ROTHFELS, K. H. (1979): Cytotaxonomy of black flies (Simuliidae). - *Annual Review of Entomology* **24**: 507-539.
- ROUBAUD, M. E. (1906a): Simulies nouvelles de l'Amérique du Sud. - *Bulletin du Muséum d'Histoire Naturelle* **12**: 106-110.
- ROUBAUD, M. E. (1906b): Insectes Diptères. Simulies nouvelles ou peu connus. – *Bulletin Muséum d'Histoire Naturelle* **12**: 517-522.
- ROUBAUD, M. E. (1909): Description d'une similie nouvelle du Pérou. - *Bulletin de la Société de Pathologie exotique et de ses Filiales* **2**: 428-430.
- RUBTSOV, I.A. (1937): On the evolution of bloodsucking blackflies (Simuliidae, Diptera). – *Izvestiya Akademii Nauk SSSR [Bulletin of the USSR Academy of Sciences]*, 1289-1327. [In Russian with German summary.]
- RUBTSOV, I. A. (1940): *Fauna of the USSR*. No. 23, Insects. Diptera 6 (6) Simuliidae. - *Akademiya "Nauk" SSSR, Moscow and Leningrad (In Russian with- English summary and keys)*. 532 pp.

- Rubtzov, I.A. (1955): Peculiar new species of black flies (Diptera, Simuliidae) from eastern Siberia. *Entomologischeskoe Oborzrenie*, 34:232-339.
- RUBTSOV, I. A. (1974): On the evolution, phylogeny and classification of blackflies (Simuliidae: Diptera). - Trudy Zoologicheskogo Instituta, Leningrad **53**: 230-281. [In Russian. English translation: British Library Lending Division, Boston Spa, 83 pp.]
- Rubtsov, I.A. & Yankosky, A.V. (1988). Family Simuliidae. Pp. 114-186. In Soós, A. & Papp, L. (eds). *Catalogue of Palaearctic Diptera*, vol. 3, Elsevier, Amsterdam, 448 pp.
- SABROSKY, C. W. (1966). Mounting insects from alcohol. - Bulletin of the American Entomological Society **12**: 39.
- SAM-KYU, K. & ADLER, P.H. (2009). Digestive system of larva of black flies (Diptera: Simuliidae): structure and phylogeny. – Invertebrate Biology **128**: 182-204.
- SANDOVAL-RUIZ, C. & S. IBÁÑEZ-BERNAL (2006): Description of the unknown stages of *Simulium* (*Aspathia*) *sandyi*, COSCARÓN, IBÁÑEZ-BERNAL & COSCARÓN-ARIAS (Diptera: Simuliidae). - Zootaxa **1361**: 61-68.
- SANTOS JÚNIOR, F. E. DOS, STRIEDER, M. N., FIORENTING, G. L. & U. G. NEISS (2007): Velocidade da água e a distribuição de larvas e pupas de *Chirostilbia pertinax* (Kollar). - Revista Brasileira de Entomologia **51**: 62–66.
- SAWYER, J. (1991): *A comparison of taxonomic techniques in the identification of sibling species of South American Simuliidae*. - PhD thesis. University of Salford, UK. 216 pp.
- SCARPASSA, V. M. & N. HAMADA (2003): Isozyme variation in four species of the *Simulium perflavum* species group (Diptera: Simuliidae) from the Brazilian Amazon. - Genetics and Molecular Biology **26**: 39-46.
- SCOPOLI, J. A. (1780): *Zwölfter Brief. Über eine Gattung schädlicher Insekten, die man die kolombaschichen Mücken nennt, welche unter den Ochsen, Schafen, Ziegen, Schweinen und Pferden in Serviert, dem Terneswarer Bannat, und der abendländischen Wallachen großen Schaden anrichten*. Pp. 123-135. - In F. GRISELINI, *Versuch einer politischen und natürlichen Geschichte des Temeswarer Bannats in Briefen in Standespersonen und Gelehrte*. Zweter Theil. Johann Paul Krauss, Wien, Austria. 135 pp. + 9 plates.
- SCHROTTKY, C. (1909): Drei neue blutsaugende Dipteren aus Paraguay. - Zeitschrift für wissenschaftliche Insektenbiologie, Berlin **5**: 61-63.
- SHELLEY, A. J. (1982): *Simulium amazonicum* Goeldi, 1905 (Diptera, Simuliidae): proposed suppression of syntypes and designation of neotype Z.N. (S.) 2364. – Bulletin of Zoological Nomenclature **39**: 67-70.
- SHELLEY, A. J. (1983): The identities of the Brazilian blackflies (Diptera: Simuliidae) reported by LUTZ AND SPLENDRE as hosts of Microsporidia. Journal of Invertebrate Pathology, 42: 280-281.
- SHELLEY, A. J. (1988a): Vector aspects of the epidemiology of onchocerciasis in Latin America. Annual Review of Entomology **33**: 337-366.

- SHELLEY, A. J. (1988b): Biosystematics and medical importance of the *Simulium amazonicum* group and the *S. exiguum* complex in Latin America. - pp. 203-220, in Service, M.W. (Ed.), Biosystematics of haematophagous insects. xi + 363 pp. Oxford University Press, Oxford.
- SHELLEY, A. J. (1991): Simuliidae and the transmission and control of human onchocerciasis in Latin America. - *Cadernos de Saúde Pública* **7**: 310-327.
- SHELLEY, A. J. (1994): Factors affecting filarial transmission by simuliids. - *Advances in Disease Vector Research* **10**: 183-214.
- SHELLEY, A. J. (2002): Human onchocerciasis in Brazil: an overview. - *Cadernos de Saúde Pública* **18**: 1167-1177.
- SHELLEY, A. J. & S. COSCARÓN (2001): Simuliid blackflies (Diptera: Simuliidae) and ceratopogonid midges (Diptera: Ceratopogonidae) as vectors of *Mansonella ozzardi* (Nematoda: Onchocercidae) in northern Argentina. - *Memórias do Instituto Oswaldo Cruz* **96**: 451-458.
- SHELLEY, A. J. & A.P.A.LUNA DIAS (1980): *Simulium argentiscutum* sp. nov. (Diptera: Simuliidae), a member of the *amazonicum* group of species: description of adults, pupa and larva. - *Memórias do Instituto Oswaldo Cruz* **75**: 105-111.
- SHELLEY, A. J. & A.P.A.LUNA DIAS (1989): First report of man eating blackflies (Dipt., Simuliidae). - *Entomologist's Monthly Magazine* **125**: 44.
- SHELLEY, A. J. & V. PY-DANIEL (1981): Simuliidae of Goiás State and the Federal District of Brasília. 1. *Simulium dekeyseri*, new species. - *Memórias do Instituto Oswaldo Cruz* **76**: 23-32.
- SHELLEY, A. J. & A. SHELLEY (1976): Further evidence for the transmission of *Mansonella ozzardi* by *Simulium amazonicum* in Brazil. - *Annals of Tropical Medicine & Parasitology* **70**: 213-218.
- SHELLEY A. J., ARZUBE, M. & C. A COUCH (1989): The Simuliidae (Diptera) of the Santiago onchocerciasis focus in Ecuador. - *Bulletin of the British Museum Natural History Entomology series* **58**: 79-130.
- SHELLEY, A. J., CHARALAMBOUS, M. & M. ARZUBE (1990): *O. volvulus* development in four *S. Exiguum* cytospecies in Ecuador. - *Bulletin de la Société Française de Parasitologie* **8**: 1145.
- SHELLEY, A. J., HERNÁNDEZ, L. M. & J. B. DAVIES (2004): Blackflies (Diptera: Simuliidae) of Southern Guyana with keys for the identification of adults and pupae - A review. - *Memórias do Instituto Oswaldo Cruz* **99**: 443-470.
- SHELLEY, A.J., HERNÁNDEZ, L.M., MAIA-HERZOG, M., LUNA DIAS, A. P. A. & P.R. GARRITANO (2010). The Blackflies of Brazil (Diptera, Simuliidae). In: “*Aquatic Biodiversity in Latin America (ABLA Series)*”, Eds. Adis, J., Arias, J., Golovatch, S., Mantzev, K.M., Rueda-Delgado, G. & Domínguez, E.”, Vol. 6, [814 pp, Pensoft, Bulgaria.
- SHELLEY, A. J., HERNÁNDEZ, L. M., MAIA-HERZOG, M., LUNA DIAS, A. P. A. & S. B. LUZ (2006): An interpretation of the morphological variation in the *Simulium amazonicum* species group (Diptera: Simuliidae) of Latin America. - *Zootaxa* **1274**: 1-68.

- SHELLEY, A. J., HERNÁNDEZ, L. M., MAIA-HERZOG, M. & A. P. A. LUNA DIAS (2002a): Morphological variation in the larva of *Simulium guianense* s.l. WISE (Dipt., Simuliidae), a primary vector of human onchocerciasis in Brazil. – Entomologist's Monthly Magazine **138**: 95-102.
- SHELLEY, A. J., HERNÁNDEZ, L. M. & M. PENN (2002b). A biosystematic revision of the blackflies (Diptera: Simuliidae) of Belize, Central America. - Bulletin of the Natural History Museum (Entomology) **71**: 135-271.
- SHELLEY, A. J., LOWRY, C. A., MAIA-HERZOG, M., LUNA DIAS, A. P. A. & M. A. P. MORAES, (1997): Biosystematic studies on the Simuliidae (Diptera) of the Amazonia onchocerciasis focus of Brazil. - Bulletin of the Natural History Museum (Entomology) **66**: 1-121.
- SHELLEY, A. J., LUNA DIAS, A. P. A. & M. MAIA HERZOG (1984): New specific synonymy in Neotropical *Simulium* s.l. (Diptera: Simuliidae). - Memórias do Instituto Oswaldo Cruz **79**: 143-161.
- SHELLEY, A. J., LUNA DIAS, A. P. A., MAIA-HERZOG, M., LOWRY, C. A., GARRITANO, P., PENN, M. & M. CAMARGO (2001b): *Simulium cuasiexiguum*, a new blackfly species (Diptera: Simuliidae) from the Minaçu area in Goiás state, central Brazil. - Memórias do Instituto Oswaldo Cruz **96**: 483-496.
- SHELLEY, A. J., LUNA DIAS, A. P. A., MAIA-HERZOG, M., PROCUNIER, W. S. & M. A. P. MORAES (1987a). Identification of vector species (Diptera: Simuliidae) of human onchocerciasis in the Amazonia focus of Brazil and Venezuela. – Memórias do Instituto Oswaldo Cruz **82**: 461-465.
- SHELLEY, A. J., LUNA DIAS, A. P. A., MAIA-HERZOG, M., SHELLEY, M. J. & P. GARRITANO (1995): Oviposition in *Simulium brachycladum* LUTZ & PINTO and *S. subpallidum* LUTZ (Dipt., Simuliidae) in Brazil. - Entomologist's Monthly Magazine **131**: 171-172.
- SHELLEY, A. J., LUNA DIAS, A. P. A. & M. A. P. MORAES (1980): *Simulium* species of the *amazonicum*-group as vectors of *Mansonella ozzardi* in the Brazilian Amazon. - Transactions of the Royal Society of Tropical Medicine and Hygiene: **74**: 784-788.
- SHELLEY, A. J., LUNA DIAS, A. P. A., MORAES, M. A. P. & W. S. PROCUNIER (1987b): The status of *Simulium oyapockense* and *S. limbatum* as vectors of human onchocerciasis in Brazilian Amazonia. - Medical and Veterinary Parasitology **1**: 219-234.
- SHELLEY, A. J., MAIA-HERZOG, M., LOWRY, C. A., LUNA DIAS, A. P. A., GARRITANO, P. R., SHELLEY, A., CAMARGO, M. & H. G. CARTER (2000): The Simuliidae (Diptera) of the secondary onchocerciasis focus at Minaçu in Central Brazil – Bulletin of the Natural History Museum (Entomology) **69**: 171-221.
- SHELLEY, A. J., MAIA-HERZOG, M., LUNA DIAS, A. P. A., CAMARGO, M., COSTA, E. G., GARRITANO, P. R. & C. A. LOWRY (2001a): Biting behaviour and potential vector status of anthropophilic blackflies in a new focus of human onchocerciasis at Minaçu, Central Brazil. - Medical & Veterinary Entomology **15**: 1-12.

- SHELLEY, A. J., MAIA-HERZOG, M., LUNA DIAS, A. P. A. & C. A. COUCH (1989b): Description of the adults and pupa of *Simulium (Trichodagmia) perplexum*, new species (Diptera: Simuliidae). - Memórias do Instituto Oswaldo Cruz **84**: 343-349.
- SHELLEY, A. J., PINGER, R. R. & M. A. P. MORAES (1982): The taxonomy, biology and medical importance of *Simulium amazonicum* GOELDI (Diptera: Simuliidae), with a review of related species. - Bulletin of the British Museum (Natural History) **44**: 1-29.
- SHELLEY, A. J., PROCUNIER, W. S. & M. ARZUBE (1986): Direct incrimination of *Simulium exiguum* Cayapa form as a vector of *Onchocerca volvulus* in Ecuador. - Transactions of the Royal Society of Tropical Medicine and Hygiene **80**: 845.
- SHEWELL, G. E. (1959): New Canadian black flies (Diptera: Simuliidae). II – Canadian Entomologist **91**: 83-87.
- SMART, J. (1940): Simuliidae (Dipt.) from British Guiana and the Lesser Antilles. – Transactions of the Royal Entomological Society of London **90**: 1-11.
- SMART, J. (1944): Notes on Simuliidae (Diptera). II. - Proceedings of the Royal Entomological Society of London (B) **13**: 131-136.
- SMART, J. (1945): The classification of the Simuliidae (Diptera). - Transactions of the Royal Entomological Society (London) **95**: 463-532.
- SMITH, K. G. V. (1987): Darwin's insects: Charles Darwin's entomological notes, with an introduction and comments by Kenneth G. V. Smith. - Bulletin of the British Museum of Natural History (Historical Series) **14**: 1–143
- SOHN, U.I., ROTHFELS. K.H. & , N.A. STRAUSS (1975): DNA: DNA hybridization studies in black flies. Journal of Molecular Evolution, 5: 75-85.
- SPEISER, P. (1904): Zur nomenclature blutsaugender dipteren Amerikas. - Insekten Börse **1**: 148.
- STAINS, G. S. & G. F. KNOWLTON (1943): A taxonomic and distribution study of Simuliidae of western United States.- Annals of the Entomological. Society of America **36** : 259-280.
- STONE, A. (1948): *Simulium virgatum* COQUILLET and a new related species (Diptera: Simuliidae). - Journal of the Washington Academy of Sciences **38**: 399-404.
- STONE, A. (1949). A new genus of Simuliidae from Alaska (Diptera). *Proceedings of the Entomological Society of Washington*, 51:269-267.
- STONE, A. (1962): Notes on the types of some Simuliidae (Diptera) described by ENDERLEIN. - Annals of the Entomological Society of America **55**: 206-209.
- STONE, A. (1963): An annotated list of genus-group names in the family Simuliidae(Diptera). - U.S. Department of Agriculture Technical Bulletin **1284**: 1-28.
- STONE, A. (1964): Guide to the insects of Connecticut. Part VI. The Diptera or true flies of Connecticut. Ninth fascicle. Simuliidae and Thaumaleidae. State Geological and Natural History Survey of Connecticut Bulletin **97**: 1-126.

- STONE, A. (1969): The black flies of Dominica (Diptera: Simuliidae). - Proceedings of the Entomological Society of Washington **71**: 312-318.
- STONE, A & M. M. BOREHAM (1965): A new species of *Simulium* from the southwestern United States (Diptera: Simuliidae). - Journal of Medical Entomology **2**: 164-170.
- STONE, A. & H. JAMBACK (1955): The black flies of New York (Diptera: Simuliidae). *New York State Museum Bulletin*, 349:1-144.
- STRIEDER, M. N. (2004a): Description of the female of *Thyrsopelma itaunense* (Diptera, Simuliidae). - Revista Brasileira de Entomologia **49**: 293-296.
- STRIEDER, M. N. (2004b): Espécies de simulídeos (Diptera, Nematocera) no Rio Grande do Sul, Brasil: distribuição geográfica. - Entomologia y Vectores **11**: 113-143.
- Strider & Corseuil see Luis
- STRIEDER, M. N. & S. COSCARÓN (2000): El estado de *Simulium* (*Psaroniocompsa*) (Diptera, Simuliidae) en la región sur de Brasil y Argentina, con descripción de *Simulium minuanum* sp. n. - Entomologia y Vectores **7**: 101-117.
- STRIEDER, M. N. & V. PY-DANIEL (1999) Especies de *Inaequalium* (Diptera, Simuliidae): dados bionômicos e chaves para sua identificação. - Biociências, Porto Alegre **7**: 43-72.
- STRIEDER, M. N. & V. PY-DANIEL (2000): Revisão de *Inaequalium* (Diptera, Simuliidae) com redescritção das formas imaturas e descrição de uma nova espécie. - Entomologia y Vectores **7**: 1-91.
- Strieder, M.N. & V. Py-Daniel, (2002). A cladistic analysis of *Inaequalium* (Coscarón & Wygodzinsky, 1984), with information on geographical distribution (Diptera: Simuliidae). *Memórias do Instituto Oswaldo Cruz*, **97**, 65–72.
- STRIEDER, M. N., CORSEUIL, E. & V. PY-DANIEL (1992): Espécies do genero *Simulium* (Diptera, Simuliidae) ocorrentes no Rio Grande do Sul – Brasil, com chaves para sua identificação. - Acta Biológica Leopoldensia **14**: 53-73.
- STRIEDER, M. N., SANTOS, J. E. JR. & A. M. OLIVEIRA PES (2004): Diversidade e distribuição de Simuliidae (Diptera, Nematocera) no gradiente longitudinal da bacia do Rios dos Sinos, no Rio Grande do Sul, Brasil. - Entomologia y Vectores **9**: 527-540.
- Stuart, A.E. & Hunter, F.F. (1998a). Phylogenetic placement of *Ectemnia*, an autapomorphic black fly (Diptera: Simuliidae), using behavioural characters. *Canadian Journal of Zoology*, **76**: 1942-1948.
- Stuart, A.E. & Hunter, F.F. (1998b). End-products of behaviour versus behavioural characters: a phylogenetic investigation of pupal cocoon construction and form in some of North American black flies (Diptera: Simuliidae). *Systematic Entomology*, **23**: 387-398.
- SURCOUF, J. M. R. & R. GONZALEZ-RINCONES (1911): *Essai sur les Diptères vulnérants du Venezuela. Première partie. Diptères Nématocères vulnérants*. v + 320 pp. Paris.
- TADA, I. ed. (1983): *A comparative study on onchocerciasis between south and central Americas*. - Matsubase, Shimomashikigun, Kumamoto, Japan, Shimoda. 79 pp.

- TADA, I. ed. (1985): *A comparative study on onchocerciasis between south and central Americas*. - Matsubase, Shimomashikigun, Kumamoto, Japan, Shimoda. 80 pp.
- TADA, I. ed. (1987): *A comparative study on onchocerciasis between south and central Americas*. - Matsubase, Shimomashikigun, Kumamoto, Japan, Shimoda. 110 pp.
- TAKAOKA, H. (1992): Pathogens of blackflies in Guatemala and their influence on natural populations of the three onchocerciasis vectors. - *Japanese Journal of Tropical Medicine and Hygiene* **20**: 251-259.
- TAKAOKA, H. & TAKAHASHI, H (1982): A new species of black fly (Diptera: Simuliidae) from upland areas of Guatemala. – *Journal of Medical Entomology* **19**: 63-67.
- Tang, J., Toé, L., Back, C., Zimmerman, P.A., Pruess, K., & Unnasch, T.R. (1995). The *Simulium damnosum* complex; phylogenetic analysis and molecular identification based upon mitochondrially encoded gene sequences. *Insect Molecular Biology*, 4: 79-88.
- TANG, J., PRUESS, K. & T. R. UNNASCH (1996): Genotyping North American black flies by means of mitochondrial ribosomal RNA sequences. - *Canadian Journal of Zoology* **74**: 46.
- TIDWELL, M. A., PETERSON, B. V., RAMÍREZ PÉREZ, J., DE TIDWELL, M. & L. A. LACEY (1981): Notas y claves preliminares de los jejenes neotropicales pertenecientes a los grupos *Simulium amazonicum* y *S. sanguineum* (Diptera: Simuliidae) incluyendo los vectores de *Onchocerca volvulus* y *Mansonella ozzardi*. - *Boletín de la Dirección de Malariología y Saneamiento Ambiental* **21**: 79-89.
- TIDWELL, M. A., TIDWELL, MARGARET A., MUÑOZ DE HOYOS, P. & A. CORREDOR (1980a): *Simulium exiguum*, the vector of *Onchocerca volvulus* on the Rio Micay, Colombia. - *American Journal of Tropical Medicine and Higiene* **29**: 377-381.
- TIDWELL, M. A., TIDWELL, M. A., MUÑOZ DE HOYOS, P., CORREDOR, A. & P. BARRETO (1980b): Vectores de *Onchocerca volvulus* y *Mansonella ozzardi* en Colombia. - *Colombia Médica* **11**: 119-127
- Toé, L., Back, C., Adjami, A.G., Tang, J.M. & Unnasch, T.R. (1997). *Onchocerca volvulus*: comparisons of field collection methods for the preservation of parasite and vector samples for PCR analysis. *Bulletin of the World Health Organization*, 75: 443-447.
- TOWNSEND, B. C., CHAINEY, J. A., CROSSKEY, R. W., PONT, A. C., LANE, R. P., BOORMAN, J. P. T. & C. A. LOWRY (1990): A catalogue of the types of bloodsucking flies in the British Museum (Natural History). – *Occasional Papers on Systematic Entomology* **7**: 1-371.
- Townson, H., Post, R.J. & Phillips, A. (1988). Biochemical approaches to black fly taxonomy. In Kim, K.C. & Merritt, R.W., eds., *Blackflies: ecology, population management, and an annotated world list*. '1987'. xv + 528 pp., Pennsylvania State University, University Park & London. (Published 1 March 1988, but verso of title page dated '1987' in error.).
- TWINN, C. R. (1938): Blackflies from Utah and Idaho, with descriptions of new species (Simuliidae, Diptera). - *Canadian Entomologist*, **70**: 48-55.

- VARGAS, L. (1936): Contribución al conocimiento de los simúlidos de la región oncocercósica de Chiapas, México. *Simulium (Eusimulium) smarti* n.sp. (Diptera Simuliidae). - Puerto Rico Journal of Public Health and Medicine **21**: 330-335.
- VARGAS, L. (1941a): *Simulium lane-portoi* n.n. (Simuliidae, Dipt.) y lista de simúlidos mexicanos. - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **2**: 115-122.
- VARGAS, L. (1941b): Nota sobre el papel de algunos artrópodos en la transmisión de *Onchocerca volvulus*. - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **2**: 365-373.
- VARGAS, L. (1942): Notas sobre la terminalia de algunos simúlidos de Mexico. *S. (E.) paynei* n. n. VARGAS, 1942. - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **3**: 229-249 +iv.
- VARGAS, L. (1943a): Nombres y datos nuevos de simúlidos del nuevo mundo. - *Revista de la Sociedad Mexicana de Historia Natural* **4**: 135-146.
- VARGAS, L. (1943b): Nuevos datos sobre simúlidos mexicanos (Dipt. Simuliidae). - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **9**: 359-370.
- VARGAS, L. (1945a): Simúlidos del Nuevo Mundo. - *Monografías del Instituto de Salubridad y Enfermedades Tropicales, Mexico* **1**: vi+241pp.
- VARGAS, L. (1945b): Cuatro nuevas especies y otros datos sobre simúlidos de Mexico. - *Revista de la Sociedad Mexicana de Historia Natural* **6**: 71-82 +vii.
- VARGAS, L. (1945c): Tres nuevos nombres propuestos para simúlidos del nuevo mundo. - *Revista de Medicina Tropical y Parasitología* **11**: 4-5.
- VARGAS, L. & A. DÍAZ NÁJERA (1948a): Nota sobre la identificación de los simúlidos de Mexico. El subgenero *Mallochianella* n.n. - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **9**: 65-73.
- VARGAS, L. & A. DÍAZ NÁJERA (1948b): Nuevas especies de simúlidos de Mexico y consideraciones diversas sobre especies ya descritas. - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **9**: 321-369.
- VARGAS, L. & A. DÍAZ NÁJERA (1949): Claves para identificar las pupas de los simúlidos de Mexico. Descripción de *Simulium (Dyarella) freemani* n.sp. de *Simulium (Neosimulium) encisoii* n.sp. y referencias adicionales sobre *S. anduzei* y *S. ruizi*. - *Revista del Instituto de Salubridad y Enfermedades Tropicales* **10**: 283-319.
- VARGAS, L. & A. DÍAZ NÁJERA (1951a): Nota sobre los simúlidos de Mexico y su distribución geográfica (Diptera: Simuliidae). - *Revista de la Sociedad Mexicana de Historia Natural* **12**: 89-100.
- VARGAS, L. & A. DÍAZ NÁJERA (1951b): Notas sobre sistematica y morfología de simúlidos. - *Revista de la Sociedad Mexicana de Historia Natural* **12**: 123-172.

- VARGAS, L. & A. DÍAZ NÁJERA (1953a): Nota sobre el examen de tipos de simulidos descritos por el PROF. G. ENDERLEIN. - Revista del Instituto de Salubridad y Enfermedades Tropicales **13**: 137-149+iii.
- VARGAS, L. & A. DÍAZ NÁJERA (1953b): *Simulium* (*Notolepria*) *gonzalezii* n.sp. (Insecta, Diptera). - Revista del Instituto de Salubridad y Enfermedades Tropicales **13**: 235-241.
- VARGAS, L. & A. DÍAZ NÁJERA (1954). Algunas consideraciones morfológicas y de nomenclatura relativas a simúlidos americanos. - Revista del Instituto de Salubridad y Enfermedades Tropicales, México **14**: 57-72.
- VARGAS, L. & A. DÍAZ NÁJERA (1956): *Simulium* (*Hemicnetha*) *guerrerense* n. sp. (Diptera: Simuliidae). - Revista del Instituto de Salubridad y Enfermedades Tropicales **16**: 51-56 + ii pp. figures.
- VARGAS, L. & A. DÍAZ NÁJERA (1957a): Simulidos de Durango y *Simulium* (*Simulium*) *marquezi* n.sp. (Diptera: Simuliidae). - Revista del Instituto de Salubridad y Enfermedades Tropicales **17**: 33-41+vi.
- VARGAS, L. & A. DÍAZ NÁJERA (1957b): Simulidos Mexicanos. - Revista del Instituto de Salubridad y Enfermedades Tropicales **17**: 143-399.
- VARGAS, L. & A. DÍAZ NÁJERA (1958): Nota sobre *Simulium* (*Psilopelmia*) *bivittatum* MALLOCH, 1914. - Revista del Instituto de Salubridad y Enfermedades Tropicales **18**: 13-30.
- VARGAS, L. & A. DÍAZ NÁJERA (1959): Claves graficas para identificar generos y sub-generos de larvas, pupas y adultos de simulidos (Diptera: Simuliidae). - Revista del Instituto de Salubridad y Enfermedades Tropicales **19**: 106-114.
- VARGAS, L., MARTÍNEZ PALÁCIOS, A. & A. DÍAZ NÁJERA (1946): Simúlidos de México. - Revista del Instituto de Salubridad y Enfermedades Tropicales **7**: ii+101-192+ 51 un-numbered pages.
- VARGAS V., M., TRAVIS, B.V., DÍAZ NÁJERA, A.D. & FALLAS, F. B. (1977) Bionomics of black flies (Diptera: Simuliidae) in Costa Rica. VII. Genus *Simulium* subgenus *Hearlea*. - Revista de Biología Tropical, **25**: 137-149.
- VARGAS, M., VARGAS, J. V. & J. RAMÍREZ PÉREZ (1993): *Simulium* (*Psilopelmia*) *travisi* (Diptera: Simuliidae), a new black fly species from Costa Rica. - Proceedings of the Entomological Society of Washington **95**: 175-181.
- VIVIANI, A. B. P & C. J. P. C. ARAÚJO-COUTINHO (1999): Período de desenvolvimento ovariano de *Simulium pertinax* Kollar, 1832 (Diptera: Simuliidae) sob condições de laboratório. - Entomología y Vectores **6**: 180-189.
- VULCANO, M. A. (1958): Redescricao do *Simulium rubrithorax* LUTZ, 1909, e descricao do alótipo (Diptera, Simuliidae). - Papéis avulsos do Departamento de Zoologia, Secretaria da Agricultura, Sao Paulo, Brasil **11**: 227-240.
- VULCANO, M. A. (1959): Descricao de *Simulium obesum*, sp.n. (Diptera, Simuliidae). - Papéis avulsos do Departamento de Zoologia da Secretaria da Agricultura, São Paulo **13**: 351-360.

- VULCANO, M. A. (1962): Simulídeos da Serra da Bocaina: observações bionômicas, revalidação de *Simulium brevifurcatum* LUTZ e descrição de uma espécie nova, *S. ana-mariae* (Diptera, Simuliidae). - Papéis Avulsos do Departamento de Zoologia da Secretaria da Agricultura, São Paulo **15**: 239-272.
- VULCANO, M. A. (1967): A catalogue of the Diptera of the Americas south of the United States. 16. Family Simuliidae. - Departamento de Zoologia, Secretaria da Agricultura, São Paulo **1967**: 16.1-16.44.
- VULCANO, M. A. (1981): Simuliidae [pp. 275-285]. In Aquatic Biota of Tropical South America. Part 1. Arthropoda. Ed. HURLBERT, S. H., RODRIGUEZ, G. & DIAS DOS SANTOS, N. - San Diego State University, California. 323 pp.
- WALKER, F. (1861). Characters of undescribed Diptera in the collection of W. W. Saunders, Esq., F. R. S. - Transactions of the Entomological Society of London (n. s.) **5**: [1858–1861]: 268-334.
- WALLACE, S. (2007): Les déchirures de l'Amazonie. – National Geography, **16.2**: 2- 33.
- WANTZEN, K. M. (2006): Physical pollution: effects of gully erosion on benthic invertebrates in a tropical clear-water stream. - Aquatic Conservation **16**: 733-749.
- WEAVER, S. C., FERRO, C, BARRERA, R., BOSHELL, J. & J. C. NAVARRO (2004): Venezuelan Equine Encephalitis. - Annual Review of Entomology **49**: 141-74
- WERNER, D. (1996a): Die Simuliiden-Typen der Dipteren-Sammlung des Zoologischen Museums Berlin (Diptera: Simuliidae). - Mitteilungen aus dem Zoologischen Museum in Berlin **72**: 221–258.
- WERNER, D. (1996b): Das Typenmaterial der Zweiflüger des Staatlichen Museums für Tierkunde Dresden (Insecta). Teil III: Diptera-Simuliidae. - Staatliches Museum für Tierkunde Dresden **57**: 295-298.
- WETTEN, S., COLLINS, R. C., VIEIRA, J. C., MARSHALL, C., SHELLEY, A. J. & M. G. BASÁÑEZ (2007): Vector competence for *Onchocerca volvulus* in the *Simulium* (*Notolepria*) *exiguum* complex: cytoforms or density dependence? – Acta Tropica **103**: 56-68.
- WILLISTON, S.W. (1896): XI. On the Diptera of St. Vincent (West Indies). - Transactions of the Entomological Society of London **1896**: 253–446.
- WISE, K. S. (1911): The Simuliidae of British Guiana. - Timehri **1**: 248-254.
- Wood, D.M. (1978). Taxonomy of the Nearctic species of *Twinnia* and *Gymnopais* (Diptera: Simuliidae) and discussion of the ancestry of the Simuliidae. *The Canadian Entomologist*, 110: 1297-1337.
- WOOD, D.M. & BORKENT, A. (1989). Phylogeny and classification of the Nematocera. Pp. 1333-1370. In McAlpine, J.F. (ed.), *Manual of Nearctic Diptera*, vol. 3, *Monograph No. 32. Research Branch, Agriculture Canada Ottawa, 249 pp*
- WORLD HEALTH ORGANIZATION. 1979. Report of an informal workshop on the taxonomy of South American Simuliidae of medical importance. Fundação Oswaldo Cruz, Rio de Janeiro, Brazil, 7-11 May 1979. - Mimeographed document. *TDR/FIL*. 79.1. 39 pp.

- WORLD HEALTH ORGANIZATION. (1982): Report of an informal workshop on the taxonomy of South American Simuliidae of medical importance. Fundação Oswaldo Cruz, Rio de Janeiro, Brazil, 16-26 November 1982. –  
Mimeographed document. *TDR/FIL/SIM/ 82.3*. 13 pp.
- WORLD HEALTH ORGANIZATION. (1995): Onchocerciasis and its control. - Technical Report series, 852, (WHO): viii +103 pp.
- WORLD HEALTH ORGANIZATION. (2002): Success in Africa: the Onchocerciasis Control Programme in West Africa, 1974-2002. Geneva: World Health Organization (WHO), 2002: 72 pp.
- WYGODZINSKY, P. (1950): Contribuciones al conocimiento de los simuliidae argentinos. III. *Simulium dinellii* (JOAN, 1912 y *Simulium wolffhuegeli* (ENDERLEIN, 1922)). - Anales del Instituto de Medicina Regional de la Universidad Nacional de Tucumán **3**: 75-97.
- WYGODZINSKY, P. (1951): Sobre *Gigantodax hortocotiani* WYGODZINSKY, 1949, y *Gigantodax wittmeri* sp.n. - Sobre *Simulium jujuyense* PATERSON & SHANNON, 1927, *Simulium exiguum* ROUBAUD, 1906 y *Simulium opalinifrons* (ENDERLEIN, 1934), - Sobre *Simulium ignescens* ROUBAUD, 1906, *Simulium romanai* sp.n. y *Simulium adolfolutzi* sp.n. (Simuliidae, Diptera). - Anales del Instituto de Medicina Regional de la Universidad Nacional de Tucumán **3**: 199-236.
- WYGODZINSKY, P. (1953): Sobre algunos simulidos argentinos (Diptera). - Anales del Instituto de Medicina Regional de la Universidad Nacional de Tucumán **3**: 293-320.
- WYGODZINSKY, P. (1958): Notas y descripciones de Simuliidae patagónicos y andinos (Diptera). - Acta Zoológica Lilloana **16**: 121-148.
- WYGODZINSKY, P. (1961): Sobre una nueva especie de *Simulium* de la provincia de Buenos Aires (Simuliidae, Diptera). - Acta Kravsi, Cuadernos del Instituto Nacional de Microbiología (Buenos Aires) **2**: 30-36.
- WYGODZINSKY, P. (1971): Descriptions and redescriptions of species of the blackfly genus *Simulium* from the northern Andes (Simuliidae, Diptera). - American Museum Novitates **2477**: 1-38.
- WYGODZINSKY, P. (1973): A black fly of the subgenus *Simulium* (*Psaroniocompsa*) (Simuliidae, Diptera) from the high Andes of Colombia. - American Museum Novitates **2513**: 1-11.
- Wygodzinsky, P. & Coscarón, S. (1962). On the relationships and zoogeographical significance of *Austrosimulium anthracinum* (Bigot), a blackfly from southern South America (Diptera, Simuliidae). *Pacific Insects*, **4**:235-244.
- WYGODZINSKY, P. & S. COSCARÓN (1970): A new species-group of the black fly genus *Simulium* from Western South America (Simuliidae - Diptera - Insecta). - American Museum Novitates **2433**: 1-20.
- WYGODZINSKY, P. & S. COSCARÓN (1973): A review of the Mesoamerican and South American black flies of the tribe Prosimuliini (Simuliinae, Simuliidae). – Bulletin of the American Museum of Natural History **151**: 129-200.

- WYGODZINSKY, P. & S. COSCARÓN (1982): Description of three unusual species of the black fly subgenus *Simulium* (*Ectemmaspis*) from the Andes of Colombia (Diptera, Simuliidae). - American Museum Novitates **2736**: 1-13.
- Xiog, B. & Kocher, T.D. (1991). Comparison of mitochondrial sequences of seven morphospecies of black flies (Diptera: Simuliidae). *Genome*, 34: 306-311.
- YANKOVSKY, A. V. (1992): A review of the system of blackflies (Diptera, Simuliidae) on the suprageneric level. - Parazitologicheskyy Sbornik **37**: 203-217. [In Russian with English summary.]
- YARZÁBAL, L., BOTTO, C. & R. ALLAN Eds. (1985): *La oncocercosis en America*. – CAICET (Centro Amazónico para Investigación y Control Enfermedades Tropicales) Publicación Científica 3: xiv, 15-199.