

LIST OF PUBLICATIONS

Robert F. Cummings

- Molaei, G, R. F. Cummings, T. Su, P. M. Armstrong, G. A. Williams, M-L. Chemg, J. P. Webb, and T. G. Andreadis. 2010. Vector-Host Interactions Governing Epidemiology of West Nile Virus in Southern California. *Am. J. Trop. Med. Hyg.* 82(6): 1269-1282.
- Cummings, R, T. Hardy, T. Morgan, K. DeCollibus, T. McLaughlin, D. Rudolph, C. Herrera, J. Weir, T. Lura, K. Nguyen, J. Francisco, A. Tilzer, T. Reynolds, R. Havickhorst, C. Fogarty, S. Bennett, M. Jozan, R. Evans, and J. P. Webb. 2007. Evaluation of West Nile Virus Activity in Orange County, California During 2006. *Proc. Mosq. Vector Contr. Assoc. Calif.* 75: 74-80.
- Jozan, M., T. McLaughlin, D. S. Rudolph, A. Brault, R. Hall, C. Fogarty, Susanna Koenig, R. Cummings, S. Su, and J. P. Webb. 2007. Evaluation of an Avidity Test for Detection of Early/Current West Nile Virus Transmission in Avian Populations. *Proc. Mosq. Vector Contr. Assoc. Calif.* 75: 81-87.
- Weir, Josie, Karin DeCollibus, Tim Morgan, Tunisia Hardy, Seth Ruga, Laura Apodaca, Christoph Schwedes, Lisa Manriquez, Jim Francisco, Art Tilzer, Carrie L. Fogarty, Ralph Havickhorst, Stephen G. Bennett, Robert F. Cummings, Richard Evans, and James P. Webb. 2006 Evaluation of Mosquito and Arbovirus Activity in Orange County, California during 2005. *Proc. Mosq. Vector Contr. Assoc. Calif.* 74: 65-70.
- Cummings, Robert F., Greg Williams, Eric Weis, Matt Robinson, Amber Mills, Ralph Havickhorst, Tianyun Su, Richard Meyer, and James P. Webb. 2005. Population dynamics of *Culex* mosquitoes and adulticiding efficacy at three ecological reserves in Orange County during 2002-2003. *Proc. Mosq. Vector Contr. Assoc. Calif.* 73: 108-111.
- Schwedes, Christoph C., Robert F. Cummings, Stephen G. Bennett, Carrie Fogarty, Ralph Havickhorst, Jim Francisco, Julisa Nevarez, Art Tilzer, and James P. Webb. 2005. Evaluation of mosquito and arbovirus activity in Orange County, California, during 2004. *Proc. Mosq. Vector Contr. Assoc. Calif.* 73: 100-104.
- Jozan, Martine, Richard Evans, James Webb, Robert Cummings, Stephen Bennett, Roy Hall, Julissa Nevarez, Josie Weir, and Karin De Collibus. 2005. Monitoring of wild bird populations for arbovirus surveillance and new issues raised by the recent introduction of West Nile virus in Southern Calif. *J. Arbov. Res. Austral.* 9: 169-176.
- Cummings, R. F., S. G. Bennett, C. L. Fogarty, R. Havickhorst, G. Williams, A. Mills, S. Lowe, and J. P. Webb, Jr. 2002. Evaluation of mosquito and arbovirus activity in Orange County during 2001. *Proc. Mosq. Vector Contr. Assoc. Calif.* 70: 87-91.
- Cummings, R. F., S. G. Bennett, C. L. Fogarty, R. Havickhorst, G. Williams, J. Rago, N. Charidas, E. Weis, and J. P. Webb, Jr. 2001. Evaluation of mosquito and arbovirus

- activity in Orange County during 2000. Proc. Calif. Mosq. Vector Contr. Assoc. 69: 82-87.
- Cummings, R. F., C. L. Fogarty, S. G. Bennett, R. Havickhorst, L. Opie, K. Bow, S. Phemister, and J. P. Webb, Jr. 2000. Evaluation of mosquito and arbovirus activity in Orange County during 1999. Proc. Mosq. Vector Contr. Assoc. Calif. 68: 37-41.
- Reisen, W.K, R.P. Meyer, R.F. Cummings, and O. Delgado. 2000. Effects of trap design and carbon dioxide presentation on the measurement of adult mosquito abundance using CDC style miniature light traps. J. Am. Mosq. Assoc. 16: 13-18.
- Reisen, W. K, K. Boyce, R. F. Cummings, O. Delgado, A. Gutierrez, R. P. Meyer, and T. W. Scott. 1999. Comparative effectiveness of three adult mosquito sampling methods in habitats representative of four different biomes of California. J. Am. Mosq. Assoc. 15: 24-31.
- Cummings, R. F. and R. P. Meyer. 1999. Comparison of the physical parameters of four types of modified CDC style traps in reference to their mosquito collecting efficiency. Proc. Calif. Mosq. Vector Contr. Assoc. 67: 73-76.
- Cummings, R. F., L. Opie, S. Bennett, C. Fogarty, A. Melagoza, E. Kimbrough, J. Halili, S. Phemister, R. Havickhorst, and J. P. Webb. 1999. Evaluation of mosquito and arbovirus activity in Orange County during 1998. Proc. Calif. Mosq. Vector Contr. Assoc. 67: 55-60.
- Meyer, R. P., R.F. Cummings, J. A. Hill, and W. K. Reisen. 1999. Comparison of the efficiency of four types of carbon dioxide-baited traps for sampling *Culex* mosquitoes in Orange County, California. Proc. Calif. Mosq. Vector Contr. Assoc. 67: 73-77.
- Cummings, R. F., S. Bennett, C. Fogarty, S. Miladin, A. Melagoza, E. Kimbrough, J. Halili, A. Bezdek, and J. P. Webb. 1998. Evaluation of mosquito and arbovirus activity in Orange County during 1997. Proc. Calif. Mosq. Vector Contr. Assoc. 66: 70-78.
- Kovaltchouk, J. G., D. G. Garcia, R. F. Cummings, G. Pierson, H. M. Muramoto, and R. Saviskas. 1996. Mosquito-borne encephalitis surveillance in western Los Angeles County during 1991-1994. Proc. Calif. Mosq. Vector Contr. Assoc. 63: 23-27.
- Samarawickrema, W. A., F. Sone, E. Kimura, L. S. Self, R. F. Cummings, and G. S. Paulson. 1994. The relative importance and distribution of *Aedes polynesiensis* and *Aedes aegypti* larval habitats in Samoa. Med. Vet. Entomol. 7: 27-36.
- Kovaltchouk, J. G., R. F. Cummings, G. Pierson, A. M. Fonseca, H. M. Muramoto, and R. Saviskas. 1993. Mosquito-borne encephalitis surveillance in western Los Angeles County during 1992. Proc. Calif. Mosq. Vector Contr. Assoc. 61:11-15.
- Samarawickrema, W. A., F. Sone, G. S. Paulson, E. Kimura, K. Uchida, and R. F. Cummings. 1993. Observations on *Culex quinquefasciatus* Say in relation to

- transmission of filariasis due to subperiodic *Wuchereria bancrofti* in Samoa. *Ann. Trop. Med. Parasitol.* 86: 517-522.
- Cummings, R.F. 1992. The design and use of a modified Reiter gravid mosquito trap for mosquito-borne encephalitis surveillance in Los Angeles County, California. *Proc. Calif. Mosq. Vector Contr. Assoc.* 60: 170-176.
- Samarawickrema, W. A., E. Kimura, F. Sone, G. S. Paulson, and R. F. Cummings. 1992. Natural infections of *Dirofilaria immitis* in *Aedes (Stegomyia) polynesiensis* and *Aedes (Finlaya) samoanus* and their implication in human health in Samoa. *Trans. R. Soc. Trop. Med. Hyg.* 86: 187-188.
- Samarawickrema, W. A., F. Sone, L. S. Self, R. F. Cummings, and G. S. Paulson. 1992. Distribution of breeding and control of the filariasis vector *Aedes samoanus* in leaf axils of *Pandanus* in Samoa. *Med. Vet. Entomol.* 6: 367-370.
- Samarawickrema, W. A., E. Kimura, G. F. Spears, L. Penaiia, F. Sone, G. S. Paulson, and R. F. Cummings. 1987. Distribution of vectors, transmission indices and microfilaria rates of subperiodic *Wuchereria bancrofti* in relation to village ecotypes in Samoa. *Trans. R. Soc. Trop. Med. Hyg.* 81: 129-135.
- Samarawickrema, W. A., F. Sone, and R. F. Cummings. 1987. Seasonal abundance, diel biting activity and parity of *Aedes polynesiensis* Marks and *Aedes samoanus* (Gruenberg) (Diptera: Culicidae) in Samoa. *Bull. Ent. Res.* 77: 191-200.
- Samarawickrema, W. A., F. Sone, and R. F. Cummings. 1987. Natural infections of *Wuchereria bancrofti* in *Aedes (Stegomyia) polynesiensis* and *Aedes (Finlaya) samoanus* in Samoa. *Trans. R. Soc. Trop. Med. Hyg.* 81: 124-128.
- Samarawickrema, W. A., G. F. Spears, F. Sone, K. Ichimori, and R. F. Cummings. 1985. Filariasis transmission in Samoa. I) Relation between density of microfilariae and larval density in laboratory-bred and wild-caught *Aedes (Stegomyia) polynesiensis* (Marks) and wild-caught *Aedes (Finlaya) samoanus* (Gruenberg). *Ann. Trop. Med. Parasitol.* 79: 89-100.
- Samarawickrema, W. A., G. F. Spears, F. Sone, K. Ichimori, and R. F. Cummings. 1985. Filariasis transmission in Samoa. II) Some factors related to the development of microfilariae in the intermediate host. *Ann. Trop. Med. Parasitol.* 79: 101-107.