

MATERIALS AND METHODS

Collections

Material was examined in the following collections (abbreviations follow those of Arnett & Samuelson (1986) as closely as possible):

BMNH	British Museum (Natural History), London, U.K.
CASC	California Academy of Sciences, San Francisco, CA, USA
CDAE	California Dept. of Food and Agriculture, Sacramento, CA, USA
CELM	Colección Entomología "Luis María Murillo", Instituto Colombiano Agropécuario, Bogotá, Colombia
CISC	California Insect Survey, University of California at Berkeley, CA, USA
CKIC	C. Kugler Collection, Radford University, VA, USA
CNCC	Canadian National Collection of Insects, Biosystematics Research Institute, Ottawa, Canada
CUIC	Cornell University Insect Collection, Ithaca, NY, USA
EBCC	Estación de Biología Chamela, Jalisco, Mexico
FFIC	Fernando Fernández Collection, Bogotá, Colombia
GBFM	Graham B. Fairchild Museo de Invertebrados, Universidad de Panamá, Panama
GCWC	G. C. & J. Wheeler Collection, Silver Springs, FL, USA
GHPC	G. H. Perrault Collection, Paris, France
ICCM	Carnegie Museum of Natural History, Pittsburg, PA, USA
IEGG	Istituto di Entomologia "Guido Grandi", Università de Bologna, Italy
INHS	Illinois Natural History Survey Insect Collection, Champaign, IL, USA
INPA	Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil
IZAV	Instituto de Zoología Agrícola Universidad Central de Venezuela, Maracay, Venezuela.
JTLC	J. T. Longino Collection, University of California at Santa Barbara, CA, USA
KSUC	Kansas State University Insect Collection, Manhattan, KS, USA
KWJC	K. W. Jaffé Collection, Universidad Simon Bolívar, Caracas, Venezuela
LACM	Los Angeles County Museum of Natural History, Los Angeles, CA, USA
MCSN	Museo Civico di Storia Naturale, Genoa, Italy
MCZC	Museum of Comparative Zoology, Harvard University, Cambridge, MA, USA
MHNG	Muséum d'Historie Naturelle, Geneva, Switzerland
MJPL	Museo de Historia Natural "Javier Prado", Lima, Peru
MNCR	Museo Nacional de Costa Rica, San José, Costa Rica
MNHN	Muséum National d'Histoire Naturelle, Paris, France
MZSP	Museo de Zoología da Universidade de São Paulo, Brazil
NHMB	Naturhistorisches Museum, Basel, Switzerland
NHMV	Naturhistorisches Museum, Vienna, Austria