

Acronyms for World Museum Collections of Insects, with an Emphasis on Neotropical Lepidoptera¹

JOHN B. HEPPNER² AND GERARDO LAMAS³

Almost every author of a taxonomic work incorporating the data of various museum-held specimens resorts to the use of acronyms to designate ownership of each specimen. For many well-known museums, the acronyms used have more or less stabilized. For more obscure museums, acronyms have often not been seen. In conjunction with the coordination of work on the *Atlas of Neotropical Lepidoptera*, the following list of proposed acronyms has been completed for virtually every sizable collection of holdings of Lepidoptera, especially Neotropical Lepidoptera. Thus, the purpose of this listing is not only to provide uniform acronyms for use in the *Atlas* project, but also to provide entomologists, particularly fellow lepidopterists, with an indication of where major insect and Lepidoptera collections are housed. The proposed acronyms are also designed for standard use in computerization of the Smithsonian collections. Only time and usage will show how well these proposed acronyms are accepted by users.

Every effort has been made to include all significant collections in this listing. Many nations appear not to have any sizable collections at this time. The institutions and museums represented here have insect collections usually of at least 20,000 specimens, ranging upward from there to several very large collections. The Smithsonian Institution, in the National Museum of Natural History, currently maintains about 24 million insect specimens. Recorded institutional collections number 284, from 67 nations worldwide.

One result that we hope will be promoted by the publication of this list of world collections is the wider usage of available resources. Many taxonomic revisions appear that do not make full use of available specimen resources in the museums of the world. As an example of such available resources, the combined collection holdings of all European institutions and museums is estimated to be on the order of 25 million Lepidoptera specimens, to mention only what is available for one order of insects. Among this vast accumulation of Lepidoptera, there also are several million Neotropical Lepidoptera. It has been our experience that many Lepidoptera taxonomists working on the Neotropical fauna often do not make much use of these resources, other than perhaps consulting the two main sources, the British Museum (Natural History), London, and the Smithsonian Institution, Washington. It can only be encouraged that authors also seek specimens from many other museums.

Such is likewise true for many Latin American institutional collections, something which will be an increasing factor in the future as these collections increase. A corollary need is for museum curators to organize their unsorted holdings so this material can be made more available for use by specialists.

The acronyms listed have been chosen in their most common form for as many institutions as possible. In the case of those institutions not generally consulted by taxonomists around the world, or those not otherwise identified with acronyms in the past, we have constructed what we think are the most logical and appealing acronyms whenever feasible.

Museum Collections of Insects

The following museums and institutions contain significant holdings of insects. An asterisk indicates large holdings of Lepidoptera; a double asterisk indicates collections with large holdings of Neotropical Lepidoptera. A dagger indicates collections no longer extant.

I. New World

Argentina

- **IML** Fundación e Instituto Miguel Lillo, Universidad Nacional de Tucumán, San Miguel de Tucumán
- **MBR** Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", Buenos Aires
- MLP** Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, La Plata
- IPCN** Instituto Patagónico de Ciencias Naturales, San Martín de los Andes

Bermuda

- DAFB** Department of Agriculture and Fisheries, Paiget

Bolivia

- UMSA** Universidad Mayor de San Andrés, La Paz

Brazil

- INPA** Instituto Nacional de Pesquisas de Amazônia, Manaus
- IOC** Instituto Oswaldo Cruz, Rio de Janeiro
- MGA** Museu do Ginásio Anchieta, Porto Alegre
- **MNRJ** Museu Nacional, Rio de Janeiro
- MPEG** Museu Paraense Emílio Goeldi, Belém
- MRHN** Museu Riograndense de História Natural, Porto Alegre
- **MZSP** Museu de Zoologia, Universidade de São Paulo, São Paulo

¹Received for publication 25 May 1982.

²Dept. of Entomology, Smithsonian Institution, Washington DC 20560.

³Museo de Historia Natural "Javier Prado," Universidad Nacional Mayor de San Marcos, Aptd. 434, Lima 14, Peru.

UEC Instituto de Biologia, Universidade Estadual de Campinas, Campinas

**UFPC Universidade Federal do Paraná, Curitiba

Canada

**CNC Canadian National Collection, Agriculture Canada, Ottawa, Ontario

*LEM Lyman Entomological Museum, McGill University, Ste. Anne de Bellevue, Quebec

*NSMH Nova Scotia Museum, Halifax, Nova Scotia

PMV Provincial Museum, Victoria, British Columbia

UAE University of Alberta, Edmonton, Alberta

Chile

CICA Centro de Investigación Capacitación Agrícola, Departamento de Agricultura, Universidad del Norte, Arica

**IMS Instituto de Molina, Santiago

**IZUC Instituto de Zoología, Universidad de Concepción, Concepción

MHNS Museo Nacional de Historia Natural, Santiago

UCSO Facultad de Ciencias, Universidad de Chile, Sede Oriente, Santiago

Colombia

MUCP Museo de Historia Natural, Universidad del Cauca, Popayan

UNCP Facultad de Ciencias Agropecuarias, Universidad Nacional de Colombia, Palmira

UNCM Museo Entomológico, Universidad Nacional de Colombia, Medellín

Costa Rica

Cuba

MNCR Museo Nacional de Costa Rica, San José

**IZAC Instituto de Zoología, Academia de Ciencias de Cuba, Havana

UHC Facultad de Biología, Universidad de La Habana, Havana

Dominican Republic

MHND Museo de Historia Natural, Santo Domingo

Ecuador

MECN Museo Ecuatoriano de Ciencias Naturales, Quito

El Salvador

MNDG Museo Nacional "David J. Guzmán," San Salvador

UES Universidad de El Salvador, San Salvador

French Guiana

ORSC Office de la Recherche Scientifique et Technique d'Outre-Mer, Cayenne

French West Indies

IRAG Institut National de la Recherche Agronomique de Antilles Guyane, Guadeloupe

Guatemala

MNGC Museo Nacional de Historia Natural, Guatemala City

UVG Universidad del Valle de Guatemala, Guatemala City

Guyana

UGG University of Guyana, Georgetown

Jamaica

**SMIJ Science Museum, Institute of Jamaica, Kingston

**UWI University of the West Indies, Kingston (Mona)

Mexico

INIA Instituto Nacional de Investigaciones Agrícolas, Secretaría de Agricultura y Ganadería, Chapingo

MCM Museo de Historia Natural de la Ciudad de México, Mexico City, D.F.

**UNAM Instituto de Biología, Universidad Nacional Autónoma de México, Mexico City (includes Museo de Zoología), D.F.

Nicaragua

INTM Instituto Nacional de Tecnología Agropecuaria, Managua

Panama

STRI Smithsonian Tropical Research Institute, Panama City

Paraguay

SCP Museo de Historia Natural, Sociedad Científica del Paraguay, Asuncion

Peru

EELM Museo de Entomología, Estación Experimental Agrícola de La Molina, Ministerio de Agricultura y Alimentación, Lima

**MJP Museo de Historia Natural "Javier Prado", Universidad Nacional Mayor de San Marcos, Lima

UAST Universidad Nacional Agraria de la Selva, Tingo María

UNA Museo de Entomología, Universidad Nacional Agraria, Lima

UNSA Departamento de Ciencias Biológicas, Universidad Nacional de San Agustín, Arequipa

UPRG Museo de Entomología, Universidad Nacional "Pedro Ruiz Gallo," Lambayeque

USAA Museo de Historia Natural, Universidad Nacional San Antonio Abad, Cusco

Surinam

CARS Center for Agricultura Research, University of Surinam, Paramaribo

Trinidad

CIBC Commonwealth Institute of Biological Control, Curepe

United States

- Alabama
- AUA Auburn University, Auburn
- Alaska
- IABA *Institute of Arctic Biology, University of Alaska, Fairbanks
- Arizona
- ASUT Arizona State University, Tempe
 *NAU Northern Arizona University, Flagstaff
 SWRS Southwestern Research Station, Portal
 UAT University of Arizona, Tucson
- Arkansas
- UAF University of Arkansas, Fayetteville
- California
- **CAS California Academy of Sciences, San Francisco
 *CDAS California Department of Food and Agriculture, Sacramento
 **LACM Los Angeles County Museum of Natural History, Los Angeles
 MSBI Museum of Systematic Biology, University of California, Irvine
 SBMN Santa Barbara Museum of Natural History, Santa Barbara
 **SDNH San Diego Natural History Museum, San Diego
 **UCB Essig Museum of Entomology, University of California, Berkeley
 **UCD University of California, Davis
 **UCR University of California, Riverside
- Colorado
- UCM University of Colorado Museum, Boulder
- Connecticut
- **PMY Peabody Museum, Yale University, New Haven
 UCS University of Connecticut, Storrs
- Delaware
- *UDN University of Delaware, Newark
- District of Columbia
- **USNM National Museum of Natural History, Smithsonian Institution, Washington (formerly United States National Museum).
- Florida
- **FSCA Florida State Collection of Arthropods, Florida Department of Agriculture and Consumer Services, Gainesville (includes collections of the University of Florida; Florida State University, Tallahassee)
 **AME Allyn Museum of Entomology, Sarasota
- Georgia
- *UGA University of Georgia, Athens
- Hawaii
- *BPBM Bernice P. Bishop Museum, Honolulu
- Idaho
- UIM University of Idaho, Moscow
- Illinois
- **FMNH Field Museum of Natural History, Chicago
 *INHS Illinois Natural History Survey, Champaign (Urbana)
- Indiana
- PUL Purdue University, Lafayette
- Iowa
- ISU Iowa State University, Ames
- Kansas
- **SMEK Snow Museum of Entomology, University of Kansas, Lawrence
- Kentucky
- *ULK University of Louisville, Louisville
- Louisiana
- LSU Louisiana State University, Baton Rouge
- Maryland
- UMCP Center for Systematic Entomology, University of Maryland, College Park
- Massachusetts
- **MCZ Museum of Comparative Zoology, Harvard University, Cambridge
 **UMA University of Massachusetts, Amherst
- Michigan
- *MSUE Michigan State University, East Lansing
 *UMAA University of Michigan, Ann Arbor
- Minnesota
- *UMSP University of Minnesota, St. Paul
- Mississippi
- *MSU Mississippi State University, Mississippi State (Starkville)
- Missouri
- UMC University of Missouri, Columbia
- Nebraska
- UNL University of Nebraska, Lincoln
- Nevada
- NSMC Nevada State Museum, Carson City
- New Hampshire
- UNH University of New Hampshire, Durham
- New Jersey
- *RUNB Rutgers University, New Brunswick
- New Mexico
- MNSU New Mexico State University, Las Cruces

- New York
 **AMNH American Museum of Natural History, New York
 **CU Cornell University, Ithaca
 *NYSM New York State Museum, Albany
- North Carolina
 NCDA North Carolina Department of Agriculture, Raleigh
 *NCSR North Carolina State University, Raleigh
- North Dakota
 UND University of North Dakota, Grand Forks
- Ohio
 CMNH Cincinnati Museum of Natural History, Cincinnati
 CNSM Cleveland Museum of Natural History, Natural Science Museum, Cleveland
 DMNH Dayton Museum of Natural History, Dayton
 OSU Ohio State University, Columbus
- Oklahoma
 OKS Natural and Cultural History Museum, Oklahoma State University, Stillwater
 UOKN Stovall Museum of Science and History, University of Oklahoma, Norman
- Oregon
 *OSUC Oregon State University, Corvallis
- Pennsylvania
 *ANSP Academy of Natural Sciences, Philadelphia
 **CMP Carnegie Museum, Pittsburgh
 *FEM Frost Entomological Museum, Pennsylvania State University, University Park
- Puerto Rico
 UPRM University of Puerto Rico, Mayagüez
 UPRP University of Puerto Rico, Río Piedras
- Rhode Island
 URI University of Rhode Island, Kingston
- South Carolina
 †CMSC Charleston Museum, Charleston (destroyed by fire, 19 October 1981)
- Texas
 *TAMU Texas A.&M. University, College Station
 TTUL Texas Tech University, Lubbock
 UTA University of Texas, Austin
- Utah
 BYU University Museum, Brigham Young University, Provo
- Virginia
 VPI Virginia Polytechnic Institute and State University, Blacksburg
- Washington
 *WSU Washington State University, Pullman

- Wisconsin
 *UWM University of Wisconsin, Madison
 **MPM Milwaukee Public Museum, Milwaukee
- Wyoming
 *UWL University of Wyoming, Laramie
- Uruguay
 MHNM Museo de Historia Natural de Montevideo, Montevideo
 URM Universidad de la República, Montevideo
- Venezuela
 UCOB Escuela de Agronomía, Universidad Centro Occidental, Barquisimeto
 **UCV Instituto de Zoología Agrícola, Universidad Central de Venezuela, Maracay
 UZM Facultad de Agronomía, Universidad del Zulia, Maracaibo

II. Old World

- Angola
 MDLA Museu do Dundo, Luanda
- Australia
 AMS Australian Museum, Sydney
 *ANIC Australian National Insect Collection, CSIRO, Canberra
 NMVM National Museum of Victoria, Melbourne
 QMB Queensland Museum, Brisbane
 SAMA South Australian Museum, Adelaide
 USS University of Sydney, Sydney
 WAMP Western Australian Museum, Perth
- Austria
 LKK Landesmuseum für Kärnten, Klagenfurt
 **NHMV Naturhistorisches Museum, Vienna
 OLML Oberösterreichisches Landesmuseum, Linz
 *TLMI Tiroler Landeskundliches Museum, Innsbruck
- Belgium
 IRSN Institut Royal des Sciences Naturelles, Brussels
 MRAC Musée Royal de l'Afrique Centrale, Tervuren
- Bulgaria
 NHMS National Natural History Museum, Sofia
- China (People's Republic of China)
 BAU Beijing Agricultural University, Beijing
 IZAS Institute of Zoology, Academia Sinica, Beijing (Peking)
- Czechoslovakia
 **MMB Moravské Muzeum, Brno
 NMP Národní Muzeum Přírodovědecké Muzeum, Prague
 RMHK Regional Museum (Natural History), Hradec Králové
 SMO Sleské Muzeum, Opava
 SNMB Slovenské Národné Muzeum, Bratislava

Denmark

- NHMA Natural History Museum, Aarhus
 **ZMUC Zoologisk Museum, Universitets Copenhagen, Copenhagen

England (United Kingdom)

- **BMB Booth Museum of Natural History, Brighton
 **BMNH British Museum (Natural History), London
 CMB Department of Natural History, The City Museum, Bristol
 CUMZ University Museum of Zoology, Cambridge
 DCM Dorset County Museum, Dorchester
 *HMUG Hunterian Museum, University of Glasgow, Glasgow
 IMI Ipswich Museum, Ipswich
 *LS Linnean Society, London
 MMU Manchester Museum, Manchester University, Manchester
 *NBM National Butterfly Museum (Saruman Museum), Bramber
 NCM Norwich Castle Museum, Norwich
 NHMN Natural History Museum, Nottingham
 NMWC National Museum of Wales, Cardiff
 *RSME Royal Scottish Museum, Edinburgh
 **UMO University Museum, Oxford University, Oxford
 *WPNH Werneth Park Natural History Museum, Oldham
 YM The Yorkshire Museum, York

Finland

- *ZMH Zoologiska Museum, Helsinki
 ZMOF Zoologiska Museum, Universitets Oulu, Oulu

France

- MHNL Muséum d'Histoire Naturelle, Lyon
 **MNHP Muséum National d'Histoire Naturelle, Paris
 *MZS Musée Zoologique, Strasbourg

Germany (BRD)

- HLD Hessisches Landesmuseum, Darmstadt
 **IGUS Institut für Geographie-Biogeographie, Universität des Saarlandes, Saarbrücken
 **LNK Landessammlungen für Naturkunde, Karlsruhe
 **LNM Landesmuseum für Naturkunde, Münster
 *MAKB Zoologisches Forschungsinstitut und Museum "Alexander Koenig," Bonn
 MGF Museum G. Frey, Entomologisches Institut, Munich (Tutzing)
 MND Museum für Naturkunde, Dortmund
 MNF Museum für Naturkunde, Freiburg
 NHMM Naturhistorisches Museum der Stadt Mainz, Mainz
 NLH Niedersächsisches Landesmuseum, Hannover
 NWMC Naturwissenschaftliches Museum, Coburg
 **SMF Senckenberg Museum, Frankfurt-am-Main
 *SMNS Staatliches Museum für Naturkunde, Stuttgart (Ludwigsburg)
 *SMW Staatliches Museum Wiesbaden, Wiesbaden

- SNHB Staatliches Naturhistorisches Museum, Braunschweig
 *UMB Übersee Museum, Bremen
 **ZMUH Zoologische Institut und Zoologisches Museum, Universität von Hamburg, Hamburg
 **ZSBS Zoologische Sammlungen des Bayerischen Staates, Munich

Germany (DDR)

- *DEI Institute für Pflanzenschutzforschung (formerly Deutsches Entomologisches Institut), Kleinmachnow, Eberswalde
 NKMKG Naturkundemuseum, Gotha
 SMNG Staatliches Museum für Naturkunde, Görlitz
 SMTD Staatliches Museum für Tierkunde, Dresden
 **ZMHB Zoologisches Museum, Humboldt Universität, Berlin

Greece

- *GNHM Goulandris Natural History Museum, Kifissia

Hungary

- *TMB Termesztudományi Múzeum, Budapest

India

- IARI Indian Agricultural Research Institute, New Delhi
 KFRI Kerala Forest Research Institute, Chandanunnu, Kerala
 LCM Entomology Research Institute, Loyola College, Madras
 NMND National Museum of Natural History, New Delhi
 PWMB Prince of Wales Museum, Bombay
 *ZSIC Zoological Survey of India, Calcutta

Indonesia

- MBB Museum Borgoriense, Bogor, Java

Iran

- UTK Faculté d'Agronomie, Université de Tehéran, Karadj

Ireland

- NMID National Museum of Ireland, Dublin

Israel

- TAU Tel Aviv University, Tel Aviv

Italy

- INER Istituto Nazionale di Entomologia, Rome
 IZS Istituto di Zoologia, Siena
 *MIZT Museo ed Istituto di Zoologia Sistemica, Università di Torino, Torino
 MNV Museo Civico di Storia Naturale, Verona
 MSNG Museo Civico di Storia Naturale, Genoa
 MSNM Museo Civico di Storia Naturale, Milan
 MSNV Museo Civico di Storia Naturale, Venice
 MZF Museo Zoologico dell'Università degli Studi di Firenze, Florence

- MZRF Museo Zangheri di Storia Naturale della Romagna, Forlì
 MZUC Museo Zoologico, Università di Cagliari, Cagliari, Sardinia

Japan

- EUM Entomological Laboratory, Ehime University, Matuyama
 HUS Entomological Institute, Hokkaido University, Sapporo
 MUT Zoological Laboratory, Meijo University, Tenpaku
 NSMT National Science Museum, Tokyo
 *UOP Entomological Laboratory, University of Osaka Prefecture, Sakai

Kenya

- *NMK National Museum, Nairobi

Luxembourg

- MGDL Muséum d'Histoire Naturelle du Grand-Duché de Luxembourg, Luxembourg

Malaysia

- *SMS Sarawak Museum, Kuching, Sarawak

Netherlands

- **NHMR Natuurhistorisch Museum, Rotterdam
 NSB Natuurhistorisch Museum van het R. K. Klein Seminarie "Beekvliet," Sint-Michielsgestel
 **RNHL Rijksmuseum van Natuurlijke Histoire, Leiden
 SLNM South Limburg Natural History Society, Maastricht
 *ZMUA Zoologisch Museum, Universiteit van Amsterdam, Amsterdam

New Zealand

- CMC Canterbury Museum, Christchurch
 *NZAC New Zealand Arthropod Collection, DSIR, Auckland

Norway

- ZMUB Zoological Museum, University of Bergen, Bergen
 ZMUO Zoological Museum, University of Oslo

Philippines

- UPP University of the Philippines, Laguna (Los Baños)

Poland

- **ISZK Institute of Systematic and Experimental Zoology, Polish Academy of Sciences, Krakow

Portugal

- IZP Instituto de Zoologia e Estação de Zoologia Marítima "Dr. Augusto Nobre," Universidade do Porto, Porto
 MZC Museu e Laboratório Zoológico da Faculdade de Ciências de Coimbra, Coimbra

Romania

- MBS Muzeul Brukenthal, Sibiu

- *MGAB Muzeul de Istorie Naturala "Grigore Antipa," Bucharest

- MINI Muzeul de Istorie Naturala, Iasi

- MOSG Muzeul Orasului Sf. Gheorghe, Sf. Gheorghe

Singapore

- NMS National Museum, Singapore

South Africa

- AMG Albany Museum, Grahamstown
 DM Durban Museum and Art Gallery, Durban
 NMSA Natal Museum, Pietermaritzburg
 SAMC South African Museum, Cape Town
 *TMP Transvaal Museum, Pretoria

Spain

- EBDS Estación Biológica de Doñana, Seville
 *IEEM Instituto Español de Entomología, Madrid
 MNM Museo Nacional de Ciencias Naturales, Madrid

Sri Lanka

- CNM Colombo National Museum, Colombo

Sweden

- GNM Göteborgs Naturhistoriska Museum, Göteborg
 **NRS Naturhistoriska Riksmuseet, Stockholm
 UZIL Universitets Zoologiska Institut, Lund
 UZIU Universitets Zoologiska Institut, Uppsala

Switzerland

- **ETHZ Eidgenössische Technische Hochschule, Zurich
 MHNG Muséum d'Histoire Naturelle, Geneva
 NHMB Naturhistorisches Museum, Basel
 NMBS Naturhistorisches Museum, Bern
 *TWPL Tierweltpanorama, Luzern

Taiwan (Republic of China)

- NCHU National Chung Hsing University, Taichung
 *NTU National Taiwan University, Taipei
 *TARI Taiwan Agricultural Research Institute, Taichung
 TMT Taiwan Museum, Taipei

Thailand

- EMB Entomological Museum, Department of Agriculture, Bangkok

Turkey

- AUT Atatürk Üniversitesi, Erzurum

USSR

- IZBE Institute of Zoology and Botany, Tartu, Estonia
 **ZIL Zoological Institute, Academy of Sciences, Leningrad
 ZMK Zoological Museum, Kiev

Yugoslavia

- HZMZ Hrvatski Narodni Zooloski Muzej, Zagreb
 PMSL Prirodoslovni Muzej Slovenije, Ljubljana
 ZMS Zemaljski Muzej, Sarajevo

Zimbabwe

*NMB National Museum, Bulawayo

Index to Museum Acronyms

AME	Allyn Museum of Entomology, Sarasota, Fla., USA	DCM	Dorset County Museum, Dorchester, England, UK
AMG	Albany Museum, Grahamstown, South Africa	DEI	Institute für Pflanzenschutzforschung (formerly Deutsches Entomologisches Institut), Kleinmachnow, Eberswalde, Germany (DDR)
AMNH	American Museum of Natural History, N.Y., USA	DMNH	Dayton Museum of Natural History, Dayton, Ohio, USA
AMS	Australian Museum, Sydney, Australia	DMSA	Durban Museum and Art Gallery, Durban, South Africa
ANIC	Australian National Insect Collection, CSIRO, Canberra, Australia	EBDS	Estación Biológica de Doñana, Seville, Spain
ANSP	Academy of Natural Sciences, Philadelphia, Pa., USA	EELM	Museo de Entomología, Estación Experimental Agrícola de La Molina, Ministerio de Agricultura y Alimentación, Lima, Peru
ASUT	Arizona State University, Tempe, Ariz., USA	EMB	Entomological Museum, Department of Agriculture, Bangkok, Thailand
AUA	Auburn University, Auburn, Ala., USA	ETHZ	Eidgenössische Technische Hochschule, Zurich, Switzerland
AUT	Ataturk Universitesi, Erzurum, Turkey	EUM	Entomological Laboratory, Ehime University, Matuyama, Japan
BAU	Beijing Agricultural University, Beijing (Peking), People's Republic of China	FEM	Frost Entomological Museum, Pennsylvania State University, University Park, Pa., USA
BMB	Booth Museum of Natural History, Brighton, England, UK	FMNH	Field Museum of Natural History, Chicago, Ill., USA
BMNH	British Museum (Natural History), London, England, UK	FSCA	Florida State Collection of Arthropods, Florida State Department of Agriculture and Consumer Services, Gainesville, Fla., USA
BPBM	Bernice P. Bishop Museum, Honolulu, Hawaii, USA	GNHM	Goulandris Natural History Museum, Kifissia, Greece
BYU	Brigham Young University, Provo, Utah, USA	GNM	Göteborgs Naturhistoriske Museum, Göteborg, Sweden
CARS	Center for Agricultural Research, University of Surinam, Paramaribo, Surinam	HLD	Hessisches Landesmuseum, Darmstadt, Germany (BRD)
CAS	California Academy of Sciences, San Francisco, Calif., USA	HMUG	Hunterian Museum, University of Glasgow, Glasgow, Scotland, UK
CDAS	California Department of Food and Agriculture, Sacramento, Calif., USA	HUS	Entomological Institute, Hokkaido University, Sapporo, Japan
CIBC	Commonwealth Institute of Biological Control, Curepe, Trinidad	HZMZ	Hrvatski Narodni Zooloski Muzej, Zagreb, Yugoslavia
CICA	Centro de Investigación y Capacitación Agrícola, Departamento de Agricultura, Universidad del Norte, Arica, Chile	IABA	Institute of Arctic Biology, University of Alaska, Fairbanks, Alaska, USA
CMB	Department of Natural History, The City Museum, Bristol, England, UK	IARI	Indian Agricultural Research Institute, New Delhi, India
CMC	Canterbury Museum, Christchurch, New Zealand	IEEM	Instituto Espanol de Entomología, Madrid, Spain
CMNH	Cincinnati Museum of Natural History, Cincinnati, Ohio, USA	IGUS	Institut für Geographie-Biogeographie, Universität des Saarlandes, Saarbrücken, Germany (BRD)
CMP	Carnegie Museum, Pittsburgh, Pa., USA	IMI	Ipswich Museum, Ipswich, England, UK
CMSC	Charleston Museum, Charleston, S.C., USA	IML	Fundación e Instituto Miguel Lillo, Universidad Nacional de Tucumán, San Miguel de Tucumán, Argentina
CNC	Canadian National Collection, Agriculture Canada, Ottawa, Ontario, Canada	IMS	Instituto de Molina, Santiago, Chile
CNM	Colombo National Museum, Colombo, Sri Lanka	INER	Istituto Nazionale di Entomologia, Rome, Italy
CNSM	Cleveland Museum of Natural History, Natural Science Museum, Cleveland, Ohio, USA	INHS	Illinois Natural History Survey, Champaign, Ill., USA
CU	Cornell University, Ithaca, N.Y., USA		
CUMZ	University Museum of Zoology, Cambridge, England, UK		
DAFB	Department of Agriculture & Fisheries, Paget, Bermuda		

INIA	Instituto Nacional de Investigaciones Agrícolas, Secretaría de la Agricultura y Ganadería, Chapingo, Mexico	MCZ	Museum of Comparative Zoology, Harvard University, Cambridge, Mass., USA
INPA	Instituto Nacional de Pesquisas de Amazônia, Manaus, Brazil	MDLA	Museu do Dundo, Luanda, Angola
INTM	Instituto Nacional de Tecnología Agropecuaria, Managua, Nicaragua	MECN	Museo Ecuatoriano de Ciencias Naturales, Quito, Ecuador
IOC	Instituto Oswaldo Cruz, Rio de Janeiro, Brazil	MGA	Museu do Ginásio Anchieta, Pôrto Alegre, Brazil
IPCN	Instituto Patagonico de Ciencias Naturales, San Martin de los Andes, Argentina	MGAB	Muzeul de Istorie Naturala "Grigore Antipa", Bucharest, Romania
IRAG	Institut National de la Recherche Agronomique de Antilles Guyane, Guadeloupe, FWI	MGDL	Muséum d'Histoire Naturelle du Grand-Duché de Luxembourg, Luxembourg
IRSN	Institut Royal des Sciences Naturelles, Brussels, Belgium	MGF	Museum G. Frey, Entomologisches Institut, Munich (Tutzing), Germany (BRD)
ISU	Iowa State University, Ames, Iowa, USA	MHND	Museo Nacional de Historia Natural, Santo Domingo, Dominican Republic
ISZK	Institute of Systematic and Experimental Zoology, Krakow, Poland	MHNG	Muséum d'Histoire Naturelle, Geneva, Switzerland
IZAC	Instituto de Zoología, Academia de Ciencias de Cuba, Havana, Cuba	MHNL	Muséum d'Histoire Naturelle, Lyon, France
IZAS	Institute of Zoology, Academia Sinica, Beijing (Peking), People's Republic of China	MHNM	Museo de Historia Natural de Montevideo, Montevideo, Uruguay
IZBE	Institute of Zoology and Botany, Tartu, Estonia, USSR	MHNP	Muséum National d'Histoire Naturelle, Paris, France
IZP	Instituto de Zoologia e Estação de Zoologia Marítima "Dr. Augusto Nobre," Universidade do Porto, Porto, Portugal	MHNS	Museo Nacional de Historia Natural, Santiago, Chile
IZS	Istituto di Zoologia, Siena, Italy	MINI	Muzeul de Istorie Naturala, Iasi, Romania
IZUC	Instituto de Zoología, Universidad de Concepción, Concepción, Chile	MIZT	Museo ed Istituto di Zoologia Sistemática, Università di Torino, Torino, Italy
KFRI	Kerala Forest Research Institute, Chandanunnu, Kerala, India	MJP	Museo de Historia Natural "Javier Prado", Universidad Nacional Mayor de San Marcos, Lima, Peru
LACM	Los Angeles County Museum of Natural History, Los Angeles, Calif., USA	MLP	Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, La Plata, Argentina
LCM	Entomology Research Institute, Loyola College, Madras, India	MMB	Moravské Muzeum, Brno, Czechoslovakia
LEM	Lyman Entomological Museum, McGill University, Ste. Anne de Bellevue, Quebec, Canada	MMU	Manchester Museum, Manchester University, Manchester, England, UK
LKK	Landesmuseum für Kärnten, Klagenfurt, Austria	MNDG	Museo Nacional "David J. Guzman", San Salvador, El Salvador
LNK	Landessammlungen für Naturkunde, Karlsruhe, Germany (BRD)	MNCR	Museo Nacional de Costa Rica, San José, Costa Rica
LNM	Landesmuseum für Naturkunde, Münster, Germany (BRD)	MND	Museum für Naturkunde, Dortmund, Germany (BRD)
LS	Linnean Society, London, England, UK	MNF	Museum für Naturkunde, Freiburg, Germany (BRD)
LSU	Louisiana State University, Baton Rouge, La., USA	MNGC	Museo Nacional de Historia Natural, Guatemala City, Guatemala
MAKB	Zoologisches Forschungsinstitut und Museum "Alexander Koenig," Bonn, Germany (BRD)	MNM	Museo Nacional de Ciencias Naturales, Madrid, Spain
MBB	Museum Bogoriense, Bogor, Java, Indonesia	MNRJ	Museu Nacional, Rio de Janeiro, Brazil
MBR	Museo Argentino de Ciencias Naturales "Bernardino Rivadavia," Buenos Aires, Argentina	MNV	Museo Civico di Storia Naturale, Verona, Italy
MBS	Muzeul Brukenthal, Sibiu, Romania	MOSG	Muzeul Orasului Sf. Gheorghe, Sf. Gheorghe, Romania
MCM	Museo de Historia Natural de la Ciudad de México, Mexico City, D.F., Mexico	MPEG	Museu Paraense Emilio Goeldi, Belém, Brazil
		MPM	Milwaukee Public Museum, Milwaukee, Wis., USA
		MRAC	Musée Royal de l'Afrique Centrale, Tervuren, Belgium

MRHN	Museu Riograndense de História Natural, Porto Alegre, Brazil	NMBS	Naturhistorisches Museum, Bern, Switzerland
MSBI	Museum of Systematic Biology, University of California, Irvine, Calif., USA	NMID	National Museum of Ireland, Dublin, Ireland
MSNG	Museo Civico di Storia Naturale, Genoa, Italy	NMK	National Museum, Nairobi, Kenya
MSNM	Museo Civico di Storia Naturale, Milan, Italy	NMND	National Museum of Natural History, New Delhi, India
MSNV	Museo Civico di Storia Naturale, Venice, Italy	NMP	Národní Muzeum Přírodovědecké Muzeum, Prague, Czechoslovakia
MSU	Mississippi State University, Mississippi State, (Starkville), Miss., USA	NMS	National Museum, Singapore, Singapore
MSUE	Michigan State University, East Lansing, Mich., USA	NMSA	Natal Museum, Pietermaritzburg, South Africa
MUCP	Museo de Historia Natural, Universidad del Cauca, Popayan, Colombia	NMSB	Natuurhistorisch Museum van het R. K. Klein Seminarie "Beekvliet," Sint-Michielsgestel, Netherlands
MUT	Zoological Laboratory, Meijo University, Tenpaku, Japan	NMSU	New Mexico State University, Las Cruces, N.Mex., USA
MZC	Museu e Laboratório Zoológico da Faculdade de Ciências de Coimbra, Coimbra, Portugal	NMVM	National Museum of Victoria, Melbourne, Australia
MZF	Museo Zoologico dell'Università degli Studi di Firenze, Florence, Italy	NMWC	National Museum of Wales, Cardiff, England, UK
MZRF	Museo Zangheri di Storia Naturale della Romagna, Forlì, Italy	NRS	Naturhistoriska Riksmuseet, Stockholm, Sweden
MZS	Musée Zoologique, Strasbourg, France	NSMC	Nevada State Museum, Carson City, Nev., USA
MZSP	Museu de Zoologia, Universidade de São Paulo, São Paulo, Brazil	NSMH	Nova Scotia Museum, Halifax, Nova Scotia, Canada
MZUC	Museo Zoologico, Università di Cagliari, Sardinia, Italy	NSMT	National Science Museum, Tokyo, Japan
NAU	Northern Arizona University, Flagstaff, Ariz., USA	NTU	National Taiwan University, Taipei, Taiwan, R.O.C.
NBM	National Butterfly Museum (Saruman Museum), Bramber, England, UK	NWMC	Naturwissenschaftliches Museum, Coburg, Germany (BRD)
NCDA	North Carolina Department of Agriculture, Raleigh, N.C., USA	NYSM	New York State Museum, Albany, N.Y., USA
NCHU	National Chung Hsing University, Taichung, Taiwan, R.O.C.	NZAC	New Zealand Arthropod Collection, DSIR, Auckland, New Zealand
NCM	Norwich Castle Museum, Norwich, England, UK	OKS	Natural and Cultural History Museum, Oklahoma State University, Stillwater, Okla., USA
NCSR	North Carolina State University, Raleigh, N.C., USA	OLML	Oberösterreichisches Landesmuseum, Linz, Austria
NHMA	Natural History Museum, Aarhus, Denmark	ORSC	Office de la Recherche Scientifique et Technique d'Outre-Mer, Cayenne, French Guiana
NHMB	Naturhistorisches Museum, Basel, Switzerland	OSU	Ohio State University, Columbus, Ohio, USA
NHMM	Naturhistorisches Museum der Stadt Mainz, Mainz, Germany (BRD)	OSUC	Oregon State University, Corvallis, Oreg., USA
NHMN	Natural History Museum, Nottingham, England, UK	PMSL	Prirodoslovni Musej Slovenije, Ljubljana, Yugoslavia
NHMR	Natuurhistorisch Museum, Rotterdam, Netherlands	PMV	Provincial Museum, Victoria, British Columbia, Canada
NHMS	National Natural History Museum, Sofia, Bulgaria	PMY	Peabody Museum, Yale University, New Haven, Conn., USA
NHMV	Naturhistorisches Museum, Vienna, Austria	PUL	Purdue University, Lafayette, Ind., USA
NKMG	Naturkundemuseum, Gotha, Germany (DDR)	PWMB	Prince of Wales Museum, Bombay, India
NLH	Niedersächsisches Landesmuseum, Hannover, Germany (BRD)	QMB	Queenland Museum, Brisbane, Australia
NMB	National Museum, Bulawayo, Zimbabwe	RMHK	Regional Museum (Natural History), Hradec Králové, Czechoslovakia
		RNHL	Rijksmuseum van Natuurlijke Historie, Leiden, Netherlands

RSME	Royal Scottish Museum, Edinburgh, Scotland, UK	UAT	University of Arizona, Tucson, Ariz., USA
RUNB	Rutgers University, New Brunswick, N.J., USA	UCB	Essig Museum of Entomology, University of California, Berkeley, Calif., USA
SAMA	South Australian Museum, Adelaide, Australia	UCD	University of California, Davis, Calif., USA
SAMC	South African Museum, Cape Town, South Africa	UCM	University of Colorado Museum, Boulder, Colo., USA
SBMN	Santa Barbara Museum of Natural History, Santa Barbara, Calif., USA	UCOB	Escuela de Agronomía, Universidad Centro Occidental, Barquisimeto, Venezuela
SCP	Museo de Historia Natural, Sociedad Científica del Paraguay, Asuncion, Paraguay	UCR	University of California, Riverside, Calif., USA
SDNH	San Diego Natural History Museum, San Diego, Calif., USA	UCS	University of Connecticut, Storrs, Conn., USA
SLNM	South Limburg Natural History Society, Maastricht, Netherlands	UCSO	Facultad de Ciencias, Universidad de Chile, Sede Oriente, Santiago, Chile
SMEK	Snow Museum of Entomology, University of Kansas, Lawrence, Kans., USA	UCV	Instituto de Zoología Agrícola, Universidad Central de Venezuela, Maracay, Venezuela
SMF	Senckenberg Museum, Frankfurt-am-Main, Germany (BRD)	UDN	University of Delaware, Newark, Del., USA
SMIJ	Science Museum, Institute of Jamaica, Kingston, Jamaica	UEC	Instituto de Biología, Universidade Estadual de Campinas, Campinas, Brazil
SMNG	Staatliches Museum für Naturkunde, Görlitz, Germany (DDR)	UES	Universidad de El Salvador, San Salvador, El Salvador
SMNS	Staatliches Museum für Naturkunde, Stuttgart (Ludwigsburg), Germany (BRD)	UFPC	Universidade Federal do Paraná, Curitiba, Brazil
SMO	Sleské Múzeum, Opava, Czechoslovakia	UGA	University of Georgia, Athens, Ga., USA
SMS	Sarawak Museum, Kuching, Sarawak, Malaysia	UGG	University of Guyana, Georgetown, Guyana
SMTD	Staatliches Museum für Tierkunde, Dresden, Germany (DDR)	UHC	Facultad de Biología, Universidad de La Habana, Havana, Cuba
SMW	Staatliches Museum Wiesbaden, Wiesbaden, Germany (BRD)	UIM	University of Idaho, Moscow, Idaho, USA
SNHB	Staatliches Naturhistorisches Museum, Braunschweig, Germany (BRD)	ULK	University of Louisville, Louisville, Ky., USA
SNMB	Slovenské Národné Múzeum, Bratislava, Czechoslovakia	UMA	University of Massachusetts, Amherst, Mass., USA
STRI	Smithsonian Tropical Research Institute, Panama City, Panama	UMAA	University of Michigan, Ann Arbor, Mich., USA
SWRS	Southwestern Research Station, Portal, Ariz., USA	UMB	Übersee Museum, Bremen, Germany (BRD)
TAMU	Texas A.&M. University, College Station, Tex., USA	UMC	University of Missouri, Columbia, Mo., USA
TARI	Taiwan Agricultural Research Institute, Taichung, Taiwan	UMCP	University of Maryland, College Park, Md., USA
TAU	Tel Aviv University, Tel Aviv, Israel	UMO	University Museum, Oxford University, Oxford, England, UK
TLMI	Tiroler Landeskundliches Museum, Innsbruck, Austria	UMSA	Universidad Mayor de San Andres, La Paz, Bolivia
TMB	Termesztudományi Múzeum, Budapest, Hungary	UMSP	University of Minnesota, St. Paul, Minn., USA
TMP	Transvaal Museum, Pretoria, South Africa	UNA	Museo de Entomología, Universidad Nacional Agraria, Lima, Peru
TMT	Taiwan Museum, Taipei, Taiwan, R.O.C.	UNAM	Instituto de Biología & Museo de Zoología, Universidad Nacional Autónoma de México, Mexico City, D.F., Mexico
TTUL	Texas Tech University, Lubbock, Tex., USA	UNCM	Museo Entomológico, Universidad Nacional de Colombia, Medellín, Colombia
TWPL	Tierweltpanorama, Luzern, Switzerland	UNCP	Facultad de Ciencias Agropecuarias, Universidad Nacional de Colombia, Palmira, Colombia
UAE	University of Alberta, Edmonton, Alberta, Canada	UND	University of North Dakota, Grand Forks, N.Dak., USA
UAF	University of Arkansas, Fayetteville, Ark., USA	UNH	University of New Hampshire, Durham, N.H., USA
UAST	Universidad Nacional Agraria de la Selva, Tingo María, Peru		

UNL	University of Nebraska, Lincoln, Nebr., USA	UZIL	Universitets Zoologiska Institut, Lund, Sweden
UNSA	Departamento de Ciencias Biológicas, Universidad Nacional de San Agustín, Arequipa, Peru	UZIUI	Universitets Zoologiska Institut, Uppsala, Sweden
UOKN	Stovall Museum of Science and History, University of Oklahoma, Norman, Okla., USA	UZM	Facultad de Agronomía, Universidad del Zulia, Maracaibo, Venezuela
UOP	Entomological Laboratory, University of Osaka Prefecture, Sakai, Japan	VPI	Virginia Polytechnic Institute and State University, Blacksburg, Va., USA
UPP	University of the Philippines, Laguna, Philippines	WAMP	Western Australian Museum, Perth, Australia
UPRG	Museo de Entomología, Universidad Nacional "Pedro Ruiz Gallo," Lambayeque, Peru	WPNH	Werneth Park Natural History Museum, Oldham, England, UK
UPRM	University of Puerto Rico, Mayagüez, P.R., USA	WSU	Washington State University, Pullman, Wash., USA
UPRP	University of Puerto Rico, Río Piedras, P.R., USA	YM	The Yorkshire Museum, York, England, UK
URI	University of Rhode Island, Kingston, R.I., USA	ZIL	Zoological Institute, Academy of Sciences, Leningrad, USSR
URM	Universidad de la República, Montevideo, Uruguay	ZMH	Zoologiska Museum, Helsinki, Finland
USAA	Museo de Historia Natural, Universidad Nacional San Antonio Abad, Cusco, Peru	ZMHB	Zoologisches Museum, Humboldt Universität, East Berlin, Germany (DDR)
USNM	National Museum of Natural History, Smithsonian Institution, Washington, D.C., USA	ZMK	Zoological Museum, Kiev, USSR
USS	University of Sydney, Sydney, Australia	ZMOF	Zoologiska Museum, Universitets Oulu, Oulu, Finland
UTA	University of Texas, Austin, Tex., USA	ZMS	Zemaljski Muzej, Sarajevo, Yugoslavia
UTK	Faculté d'Agronomie, Université de Tehéran, Karadji, Iran	ZMUA	Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, Netherlands
UVG	Universidad del Valle de Guatemala, Guatemala City, Guatemala	ZMUB	Zoological Museum, University of Bergen, Bergen, Norway
UWI	University of the West Indies, Mona, Kingston, Jamaica	ZMUC	Zoologisk Museum, Universitets Copenhagen, Copenhagen, Denmark
UWL	University of Wyoming, Laramie, Wyo., USA	ZMUH	Zoologische Institut und Zoologisches Museum, Universität von Hamburg, Hamburg, Germany (BRD)
UWM	University of Wisconsin, Madison, Wis., USA	ZMUO	Zoological Museum, University of Oslo, Oslo, Norway
		ZSBS	Zoologische Sammlungen des Bayerischen Staates, Munich, Germany (BRD)
		ZSIC	Zoological Survey of India, Calcutta, India
