

**A CATALOGUE OF TYPES OF COLEOPTERA IN THE  
CANADIAN NATIONAL COLLECTION OF INSECTS,  
SUPPLEMENT I**

JEAN McNAMARA

Biosystematics Research Institute, Agriculture Canada, Ottawa

**Abstract**

*Can. Ent.* 109: 175-207 (1977)

The type material added to the Coleoptera Section of the Canadian National Collection of Insects from 1 January 1969 to 31 December 1973 is catalogued. This new material consists of 258 holotypes and 129 allotypes; 42 species are represented by syntypes and 499 by paratypes or paralectotypes. The reference to the original description for each species is cited. All data associated with the specimens are quoted except in the case of paratypes, paralectotypes, and syntypes. An index to all species is included.

**Introduction**

This is the first supplement to the list of type material in the Coleoptera Section of the Canadian National Collection of Insects (CNC) prepared by de Ruelle (1970). The paper by de Ruelle should be consulted for a brief discussion of the purposes of the list and for a review and history of the Coleoptera Section and the CNC. The collection of Coleoptera has continued to grow and is now estimated to contain 1,500,000 specimens housed in 4200 USNM style drawers in steel cabinets.

All the type material that has been added to the Coleoptera Collection between 1 January 1969 and 31 December 1973 is catalogued. The present list contains 258 holotypes and 129 allotypes; 42 species are represented by syntypes and 499 by paratypes or paralectotypes (Table I).

The entries herein are arranged in the same way as in the previous list by de Ruelle (1970). This work should be consulted for details.

The following is a list of omissions and corrections to de Ruelle's catalogue (1970).

- p. 6 line 40, *for* 1909 *read* 1906
- p. 10 lines 24-25, *read* 1954, *Bull. Mus. comp. Zool. Harv.*
- p. 10 lines 46-47, *read* 1953, *Proc. R. ent. Soc. Lond.*
- p. 11 line 1, *read* 1962, *Opusc. ent.* 27: 15.
- p. 11 lines 31-32, *read* 1955, *Opusc. ent. suppl.* 12: 64

Table I. Number of types in the Coleoptera Section of the Canadian National Collection of Insects

	Number of species represented by:						Net total*
	Holotypes	Neotypes	Lectotypes	Allotypes	Paratypes and Para- lectotypes	Syntypes and Cotypes	
To 31 Dec. 1968, Catalogue of Types†	675	3	48	360	1395	208	1831
To 31 Dec. 1973, Supplement I	258	-	-	129	499	42	624
TOTALS	933	3	48	489	1894	250	

\*The net total indicates how many species, varieties, etc. are represented in the CNC by type material; no distinction is made between valid species and names in synonymy. The net total is less than the sum of all types because many species are represented by more than one category of types.

†The figures do not quite agree with those given on page 3 of de Ruelle's catalogue; however, the present figures have been carefully checked.

- p. 12 lines 37&40, for pseudocantum read pseudocautum  
 p. 15 lines 13-14, read 1955, Opusc. ent. suppl. 12: 36  
 p. 17 lines 23-24, read 1955, Opusc. ent. suppl. 12: 80  
 p. 28 line 10, read 1926, Can. Ent. 58: 153  
 p. 39 line 43, for Wasmann Club Collect. read Wasmann Collect.  
 p. 40 line 6, for Wasmann Club Collect. read Wasmann Collect.  
 p. 40 line 9, for Holly bum Ridge read Hollybum Ridge  
 p. 41 line 35, delete Hydrocanthus regius Young from the family Dytiscidae and place in the Noteridae  
 p. 42 line 29, read 1966, Proc. Calif. Acad. Sci. (4th ser.) 33(15): 482  
 p. 42 line 31, read 1966, Proc. Calif. Acad. Sci. (4th ser.) 33(15): 490  
 p. 56 line 41, read Paratypes, 4: Wyo., Ore., CNC No. 3063  
 p. 57 line 13, read Paratypes, 4: Man., Wyo., CNC No. 3064  
 p. 58 line 36, for Wasmann Club Collect. read Wasmann Collect.  
 p. 58 line 40, for Cercyon tolfino read Cercyon tolfino  
 p. 59 line 1, for Wasmann Club Collect. read Wasmann Collect.  
 p. 59 line 5, for Wasmann Club Collect. read Wasmann Collect.  
 p. 59 line 18, for Wasmann Club Collect. read Wasmann Collect.  
 p. 59 line 20, for Wasmann Club Collect. read Wasmann Collect.  
 p. 59 line 35, for Wasmann Club Collect. read Wasmann Collect.  
 p. 59 line 47, for 63:16 read 63: 116  
 p. 63 line 20, read Orchesia cultriformis Laliberté, 1966, Naturaliste can. 93(6): 694  
 p. 63 line 22, for cultifrons read cultriformis  
 p. 63 line 23, for cultifrons read cultriformis

I wish to acknowledge the assistance of my colleagues in the Coleoptera Section, Drs. E. C. Becker, D. E. Bright, J. M. Campbell, and A. Smetana.

#### ALLECULIDAE

- Allecula caribea* Campbell, 1971, Mem. ent. Soc. Can. 81: 67  
 Holotype: P. R., Guanica Forest, Rt. 334, July 27, 1969 H. & A. Howden/Holotype *Allecula caribea* Campbell CNC No. 11525  
 Allotype: Same data as Holotype except July 29, 1969  
 Paratypes, 2: Puerto Rico  
*A. insulana* Fauvel, 1905, Revue Ent. 24: 232  
 Syntype, 1: New Caledonia, CNC No. 11716  
*A. laevior* Fauvel, 1905, Revue Ent. 24: 233  
 Syntype, 1: New Caledonia, CNC No. 11720  
*A. piceata* Fairmaire, 1894, Anns Soc. ent. Belg. 38: 26  
 Syntype, 1: India, CNC No. 11717  
*A. ramosi* Campbell, 1971, Mem. ent. Soc. Can. 81: 66  
 Paratypes, 4: Puerto Rico, CNC No. 11524  
*Cistelomorpha axillaris* Fairmaire, 1894, Anns Soc. ent. Belg. 38: 28  
 Syntypes, 5: India, CNC No. 11715  
*C. axillaris fuscolineata* Fairmaire, 1894, Anns Soc. ent. Belg. 38: 29  
 Syntypes, 5: India, CNC No. 11714  
*C. renardii* Fairmaire, 1894, Anns Soc. ent. Belg. 38: 29  
 Syntype, 1: India, CNC No. 11719  
*Ectenostoma claripes* Borchmann, 1930, Rev. Zool. Bot. Afr. 18(3-4): 420  
 Syntypes, 5: Tanzania, CNC No. 11718  
*Hymenorus antillensis* Campbell, 1971, Mem. ent. Soc. Can. 81: 77  
 Paratypes, 60: Leeward Islands, B.W.I., CNC No. 11527  
*H. bahamensis* Campbell, 1971, Mem. ent. Soc. Can. 81: 88  
 Paratypes, 14: Bahama Islands, CNC No. 11533  
*H. cubensis* Campbell, 1971, Mem. ent. Soc. Can. 81: 81  
 Paratypes, 3: Cuba, CNC No. 11530  
*H. darlingtoni* Campbell, 1971, Mem. ent. Soc. Can. 81: 83  
 Paratypes, 3: Cuba, CNC No. 11531  
*H. farri* Campbell, 1971, Mem. ent. Soc. Can. 81: 84  
 Holotype: Jamaica, B.W.I., Kingston, Palisadoes, 25 July 1961 T. H. Farr/Holotype *Hymenorus farri* Campbell CNC No. 11532

- Allotype: Jamaica, W.I., St. Thomas, Morant Point 15 May 1965 T. H. Farr/Allotype CNC No. 11532 *Hymenorus farri* Campbell  
Paratypes, 12: Cayman Islands, Jamaica, Cuba
- H. haitius* Campbell, 1971, Mem. ent. Soc. Can. 81:93  
Paratypes, 19: Haiti, CNC No. 11536
- H. hispaniolensis* Campbell, 1971, Mem. ent. Soc. Can. 81:78  
Paratype, 1: Dominican Republic, CNC No. 11528
- H. insularis* Campbell, 1971, Mem. ent. Soc. Can. 81:91  
Paratypes, 7: Bahama Islands, CNC No. 11534
- H. jamaicensis* Campbell, 1971, Mem. ent. Soc. Can. 81:79  
Holotype: Jamaica, Try., Duncans, VIII.19.1966 Howden & Becker/Holotype *Hymenorus jamaicensis* Campbell CNC No. 11529  
Allotype: Same data as Holotype except VIII.14.1966  
Paratypes, 45: Jamaica
- H. minutus* Campbell, 1971, Mem. ent. Soc. Can. 81:98  
Paratypes, 6: Bahama Islands, CNC No. 11538
- H. pygmaeus* Campbell, 1971, Mem. ent. Soc. Can. 81:99  
Paratypes, 5: Bahama Islands, CNC No. 11539
- H. sparsepunctatus* Campbell, 1971, Mem. ent. Soc. Can. 81:97  
Paratype, 1: Cuba, CNC No. 11537
- H. transversus* Campbell, 1971, Mem. ent. Soc. Can. 81:92  
Paratypes, 8: Bahama Islands, CNC No. 11535
- H. wolcottii* Campbell, 1971, Mem. ent. Soc. Can. 81:74  
Holotype: P. R., Guanica Forest, Rt. 334 July 29, 1969 H. & A. Howden/Holotype *Hymenorus wolcottii* Campbell CNC No. 11526  
Paratypes, 19: Puerto Rico, Virgin Islands
- Latacula beckeri* Campbell, 1971, Mem. ent. Soc. Can. 81:105  
Holotype: Jamaica, B.W.I., Portland, Hector's River 26 Aug. 1954 R. P. Bengry/Holotype *Latacula beckeri* Campbell CNC No. 11542  
Allotype: Same data as Holotype except 20 April 1953, J. K. Sibley.  
Paratypes, 9: Jamaica
- L. insularis* Campbell, 1971, Mem. ent. Soc. Can. 81:106  
Holotype: Jamaica, W.I., Clarendon, Portland Ridge 28 Feb. 1949 C.B. Lewis/Holotype *Latacula insularis* Campbell CNC No. 11543
- Lobopoda (Flavipoda) badius* Campbell, 1971, Mem. ent. Soc. Can. 81:31  
Paratypes, 3: Cuba, CNC No. 11511
- L. (F.) nesiotica* Campbell, 1971, Mem. ent. Soc. Can. 81:36  
Paratypes, 1: Bahama Islands, CNC No. 11513
- L. (F.) quadratinota* Campbell, 1971, Mem. ent. Soc. Can. 81:28  
Allotype: Col. F. de Zayas, Imias, California, 6-1959-6 Prov. Camag. CUBA/Allotype CNC No. 11510 *Lobopoda quadratinota* Campbell  
Paratype, 1: Cuba
- L. (F.) villasensis* Campbell, 1971, Mem. ent. Soc. Can. 81:35  
Paratype, 1: Cuba, CNC No. 11512
- L. (Glabrilobopoda) darlingtoni* Campbell, 1971, Mem. ent. Soc. Can. 81:40  
Paratypes, 4: Dominican Republic, CNC No. 11514
- L. (Lobopoda) alutacea* Campbell, 1971, Mem. ent. Soc. Can. 81:58  
Paratype, 1: Cuba, CNC No. 11521
- L. (L.) distans* Campbell, 1971, Mem. ent. Soc. Can. 81:48  
Paratype, 1: Cuba, CNC No. 11516
- L. (L.) hispaniolensis* Campbell, 1971, Mem. ent. Soc. Can. 81:46  
Paratypes, 2: Dominican Republic, CNC No. 11515.
- L. (L.) micans* Campbell, 1971, Mem. ent. Soc. Can. 81:50.  
Paratypes, 2: Dominican Republic, CNC No. 11518
- L. (L.) paracollis* Campbell, 1971, Mem. ent. Soc. Can. 81:55  
Paratype, 1: Cuba, CNC No. 11520
- L. (L.) paracornis* Campbell, 1971, Mem. ent. Soc. Can. 81:53  
Paratypes, 2: Cuba, CNC No. 11519
- L. (L.) picipennis* Campbell, 1971, Mem. ent. Soc. Can. 81:61  
Paratype, 1: Haiti, CNC No. 11523
- L. (L.) sandersoni* Campbell, 1971, Mem. ent. Soc. Can. 81:60  
Holotype: REP. DOM: Jarabacoa, La Vega Prov. May 11, 1959 Sanderson & Farr, RD59-18/Holotype *Lobopoda sandersoni* Campbell CNC No. 11522  
Paratype, 1: Dominican Republic

- Menes meridanus* Champion, 1888, Biologia cent.-am. Vol. 4, pt. 1: 442  
Syntype, 1: Yucatan, MEX., CNC No. 11721
- Notacula howdenae* Campbell, 1971, Mem. ent. Soc. Can. 81: 107  
Holotype: Jamaica, B.W.I., St. Thomas, Whitfield Hall, 9 June 1954 T. H. Farr/Holotype *Notacula howdenae* Campbell CNC No. 11544  
Allotype: JAMAICA, 4000' Hardwar Gap, VII.25.1966 A. T. Howden/Allotype CNC No. 11544 *Notacula howdenae* Campbell
- Obesacula aptera* Campbell, 1971, Mem. ent. Soc. Can. 81: 111  
Holotype: JAMAICA, 4000' Hardwar Gap VII.4.1966 Howden & Becker/Holotype *Obesacula aptera* Campbell CNC No. 11545  
Allotype: Same data as Holotype  
Paratypes, 60: Jamaica
- Parahymenorus metallicus caymanensis* Campbell, 1971, Mem. ent. Soc. Can. 81: 103  
Holotype: Cayman Is. W.I. Grand Cayman 24 Feb. 1962 C. B. Lewis, P. Rice/  
Holotype *Parahymenorus metallicus caymanensis* Camp. CNC No. 11541  
Paratype, 1: Grand Cayman
- P. m. metallicus* Campbell, 1971, Mem. ent. Soc. Can. 81: 102  
Holotype: Jamaica B.W.I. Hanover 1/2 mi. W. of Hopewell 21 Nov. 1959 T. H. Farr/Holotype *Parahymenorus metallicus metallicus* Camp. CNC No. 11540
- Pseudocistela sandersoni* Campbell, 1971, Mem. ent. Soc. Can. 81: 17  
Holotype: Mandeville, JAMAICA, June 20, 1958 M. W. Sanderson J58-15/Holotype *Pseudocistela sandersoni* Campbell CNC No. 11509  
Allotype: Same data as Holotype except June 19, 1958 and J58-12  
Paratypes, 4: Jamaica
- Punctacula howdeni* Campbell, 1971, Mem. ent. Soc. Can. 81: 114  
Holotype: JAMAICA, Try., Duncans VIII.19.1966 Howden & Becker/  
Holotype *Punctacula howdeni* Campbell CNC No. 11546  
Allotype: Same data as Holotype  
Paratypes, 12: Jamaica

## ANOBIIDAE

- Calytheca elongata* White, 1973, Ann. ent. Soc. Am. 66(4): 844  
Holotype: 21 mi. E. Villa Union, Sin. MEX. VII.25.64 H. F. Howden/Holotype *Calytheca elongata* White/Holotype CNC No. 13666
- Xeranobium elongatum* White, 1971, Trans. Am. ent. Soc. 97(4): 612  
Holotype: Nr. San Jose Beach, 40 mi. S.W. Cd. Obregon, Son. MEX. 16-23.V.61 Howden & Martin/♂/Holotype *Xeranobium elongatum* White/Holotype CNC No. 12668  
Allotype: ♀ Same data as Holotype  
Paratypes, 5: 4♂, 1♀ with same data as Holotype

## BRUCHIDAE

- Acanthoscelides daleae* Johnson, 1970, Univ. Calif. Pubs Ent. 59: 48  
Paratypes, 30: Calif., Ariz., CNC No. 12614
- A. guazumae* Johnson & Kingsolver, 1971, J. Kans. ent. Soc. 44(2): 142  
Paratypes, 56: Son., MEX., CNC No. 12619
- A. helianthemum* Bottimer, 1969, Can. Ent. 101(9): 977  
Holotype: Gainesville, Fla 6/4/37 L. J. Bottimer/L. J. Bottimer Collection No. 74V/Reared from capsule of *Helianthemum corymbosum*/Holotype *Acanthoscelides helianthemum* Bottimer CNC No. 10906  
Allotype: Same data as Holotype  
Paratypes, over 600: Fla
- A. margaretae* Johnson, 1970, Univ. Calif. Pubs Ent. 59: 58  
Paratypes, 32: Calif., CNC No. 12616
- A. mucrofer* Bottimer, 1969, Can. Ent. 101(9): 975  
Holotype: Norias, Tex. IX.22.47 L. J. Bottimer/L. J. Bottimer Collection No. 88V/Holotype *Acanthoscelides mucrofer* Bottimer CNC No. 10905  
Paratype, 1: Same data as Holotype
- A. napensis* Johnson, 1970, Univ. Calif. Pubs Ent. 59: 63  
Paratypes, 23: Calif., CNC No. 12617

- A. obrienorum* Johnson, 1970, Univ. Calif. Pubs Ent. 59: 65  
Paratypes, 2: Oax., Chih., MEX., CNC No. 12618
- A. oregonensis* Johnson, 1970, Univ. Calif. Pubs Ent. 59: 69  
Paratype, 1: Ore., CNC No. 12613
- A. subaequalis* Johnson, 1970, Univ. Calif. Pubs Ent. 59: 85  
Paratypes, 6: Sin., MEX., CNC No. 12615
- A. tridenticulatus* Bottimer, 1969, Can. Ent. 101(11): 1193  
Holotype: Brownsville, Tex. 15.XI.1960 L. J. Bottimer/L. J. Bottimer Collection No. 109N/reared from pod of *Mimosa strigillosa*/Holotype *Acanthoscelides tridenticulatus* Bottimer CNC No. 10907  
Allotype: Same data as Holotype except 31.V.1961  
Paratypes, 110: Tex., La.
- Algarobius bottimeri* Kingsolver, 1972, Coleopt Bull. 26(3): 116  
Paratypes, 15: Tex., CNC No. 13067
- Amblycerus caymanensis* Kingsolver, 1970, Trans. Am. ent. Soc. 96(4): 482  
Paratypes, 14: Jamaica, CNC No. 12620
- A. chapini* Kingsolver, 1970, Trans. Am. ent. Soc. 96(4): 481  
Paratypes, 2: Jamaica, CNC No. 12621
- A. schwarzi* Kingsolver, 1970, Trans. Am. ent. Soc. 96(4): 477  
Paratypes, 2: Cayman Is., CNC No. 13057
- Sennius atripectus* Johnson & Kingsolver, 1973, Tech. Bull. U.S. Dep. Agric. 1462, p. 24  
Paratype, 1: Guatemala, CNC No. 13136
- S. durangensis* Johnson & Kingsolver, 1973, Tech. Bull. U.S. Dep. Agric. 1462, p. 47  
Paratypes, 13: Coah., Hdgo., Dgo., MEX., CNC No. 13138
- S. ensiculus* Johnson & Kingsolver, 1973, Tech. Bull. U.S. Dep. Agric. 1462, p. 50  
Paratypes, 12: Dgo., Mor., Sin., MEX., CNC No. 13137
- S. leucostaurus* Johnson & Kingsolver, 1973, Tech. Bull. U.S. Dep. Agric. 1462, p. 75  
Paratypes, 135: Tex., CNC No. 13139
- Stator bottimeri* Kingsolver, 1972, Proc. ent. Soc. Wash. 74(2): 225  
Paratypes, 118: Fla., CNC No. 13058.
- S. chalcodermus* Kingsolver, 1972, Proc. ent. Soc. Wash. 74(2): 223  
Paratypes, 2: Haiti, CNC No. 13066.
- S. mexicanus* Bottimer, 1973, Can. Ent. 105(4): 549  
Holotype: El Salto de Agua, S. L. Potosi, MEX. VIII.1949 L. J. Bottimer/L. J. Bottimer Collection No. 124R/Ex seed of *Acacia cornigera*/Holotype *Stator mexicanus* Bottimer CNC No. 12933  
Allotype: Same data as Holotype  
Paratypes, 10: Same data as Holotype except dates 15.VIII & 18.VIII
- S. vachelliae* Bottimer, 1973, Can. Ent. 105(4): 546  
Holotype: Brownsville, Tex. 25.III.1948 L. J. Bottimer/L. J. Bottimer Collection No. 90K/ex seed of *Acacia farnesiana*/Holotype *Stator vachelliae* Bottimer CNC No. 12932.  
Allotype: Same data as Holotype except 28.III.1948  
Paratypes, over 200: Tex.; Sin., Dgo, N.L., Nay., Jal., Guan., Que., V.C., Chis., MEX.; El Salvador

## BUPRESTIDAE

- Agrilus paracelti* Knull, 1972, Ent. News 83(5): 113  
Paratypes, 2: O., Tex., CNC No. 13168
- Melanophila drummondi abies* Champlain & Knull, 1923, Can. Ent. 55(5): 105  
Holotype: L. Opasatika, Que. VI.1.22 J. N. Knull ♂/Type/Type M. drummondi vr. abies C. K. No. 543  
Paratypes, 3: N.B., Que.

## CANTHARIDAE

- Malthinus cuspidatus* Fender, 1972, Coleopt Bull. 26(2): 44  
Holotype: Arizona: Santa Rita Mts., Madera Cyn. Aug. 18, 1968/Holotype *Malthinus cuspidatus* Fender/Holotype CNC No. 12928
- M. sancticatalinus* Fender, 1972, Coleopt Bull. 26(2): 47  
Holotype: ARIZONA, St. Catalina Mts., Bear Canyon, July 6, 1968/Holotype  
*Malthinus sancticatalinus* Fender/Holotype CNC No. 12929
- Malthodes aciculatus* Fender, 1972, Coleopt Bull. 26(2): 49  
Holotype: California, Morro Bay, June 17, 1969 K. Stephan/Holotype *Malthodes aciculatus* Fender/Holotype CNC No. 12930  
Allotype: Same data as Holotype

- M. stephani* Fender, 1972, Coleopt. Bull. 26(2): 51  
 Holotype: California, Tom's Place, June 13, 1969 K Stephan/Holotype Malthodes stephani Fender/Holotype CNC No. 12931

## CARABIDAE

- Agonum canadense* Goulet, 1969, Opusc. ent. 34: 279  
 Holotype: CANADA, Bala, NW Gravenhurst, S. Ont. 47, 24.VI.1956 Lindroth/Agonum dilutipenne Mots. Det. Lindroth 1964/Holotypus canadense Goulet/Holotype CNC No. 11574  
 Allotype: Same data as Holotype  
 Paratypes, 11: Ont., N.S., Man., Que., N.B.
- A. palustre* Goulet, 1969, Opusc. ent. 34: 280  
 Holotype: CANADA, Amberley, S. Kincardine, L. Huron, S. Ont. 30, 18.VI.1956 Lindroth/Agonum dilutipenne Mots. Det. Lindroth 1964/Holotypus palustre Goulet/Holotype CNC No. 11575  
 Allotype: CANADA, Point Pelee, L. Erie, Ont. 22, 13-14.VI.1956 Lindroth/Agonum dilutipenne Mots. Det. Lindroth 1964/Allotypus palustre Goulet/Allotype CNC No. 11575  
 Paratypes, 18: Ont.; Md., N.C.
- Anisodactylus (Gynandrotarsus) darlingtoni* Noonan, 1973, Quaest. ent. 9(4): 371  
 Paratypes, 4: Son., MEX., CNC No. 13314
- Bembidion disjunctum* Lindroth, 1963, The ground beetles of Canada and Alaska, pt. 3. Opusc. ent. suppl. 24: 264  
 Paratype, 1: B.C., CNC No. 13169
- Calathus ambigens serricola* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 461  
 Paratype, 1: Dgo., MEX., CNC No. 13011
- C. a. tarahumara* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 462  
 Paratype, 1: Chih., MEX., CNC No. 13012
- C. aztec* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 430  
 Paratypes, 5: Ver., MEX., CNC No. 13009
- C. durango* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 457  
 Paratypes, 2: Dgo., MEX., CNC No. 13006
- C. erwini* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 447  
 Paratypes, 4: Jal., MEX., CNC No. 13005
- C. leechi* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 444  
 Paratypes, 5: Mex., MEX., CNC No. 13010
- C. marmoreus* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 452  
 Paratype, 1: Hdgo., MEX., CNC No. 13004
- C. potosi* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 456  
 Paratypes, 12: N.L., MEX., CNC No. 13008
- C. whiteheadi* Ball & Negre, 1972, Trans. Am. ent. Soc. 98(4): 463  
 Paratypes, 7: Dgo., MEX., CNC No. 13007
- Cymindis interior* Lindroth, 1969, The ground-beetles of Canada and Alaska, pt. 6. Opusc. ent. suppl. 34: 1074  
 Paratype, 1: Sask., CNC No. 11576
- Evarthrus invenis* Freitag, 1969, Quaest. ent. 5(2): 107  
 Allotype: Raleigh, N.C., April 14, 1949, H. F. Howden/Under board/Near 1043/loan from CNC/Allotype Evarthrus invenis R. Freitag/Allotype CNC No. 10845
- Haptoderus (Iberoderus) aralarensis asturicus* Jeanne, 1969, Miscelanea zool. 2(4): 36  
 Paratypes, 2: Spain, CNC No. 12911
- H. (I.) nemoralis celtibericus* Jeanne, 1969, Miscelanea zool. 2(4): 37  
 Allotype: Laguna Negra 1850 m., 22-5-1968/ESPAGNE (Soria) C. Jeanne/Allotype/Haptoderus nemoralis ssp. celtibericus mihi C. Jeanne det. 1972/CNC No. 12910 Allotype.  
 Paratype, 1: Same data as Allotype except "route de la Laguna Negra, 1750 m."
- Loxandrus pravitubus* Allen, 1972, Entomologica am. 46(1): 72  
 Paratypes, 3: Tex., CNC No. 12906
- Microlestes brevilobus* Lindroth, 1969, The ground-beetles of Canada and Alaska, pt. 6. Opusc. ent. suppl. 34: 1054  
 Holotype: CANADA, Long Point, L. Erie, Ont. 5., 7.VI.1956 Lindroth/Holotypus Microl. brevilobus Lth./Holotype CNC No. 11577  
 Paratypes, 3: Ont.
- Minuthodes sexualis signata* Darlington, 1968, Bull. Mus. comp. Zool. Harv. 137(1): 99  
 Paratype, 1: New Guinea, CNC No. 12838
- Notiobia (Notiobia) ewarti* Noonan, 1973, Quaest. ent. 9(4): 326  
 Paratype, 1: Chis., MEX., CNC No. 13315
- Rhadine lindrothi* Barr, 1965, Opusc. ent. 30(1-2): 140

- Paratype, 1: Sask., CNC No. 10997 (Lindroth considers *Rhadine* a subgenus of *Agonum*)
- Schizogenius brevisetosus* Whitehead, 1972, Quaest. ent. 8(3): 206  
Holotype: Sanderson TEX. April 27, 1959  
Becker & Howden/Holotype  
*Schizogenius brevisetosus* det. D. R. Whitehead/Holotype CNC No. 12868  
Allotype: Same data as Holotype  
Paratypes, 13: Tex.
- S. dilatatus* Whitehead, 1972, Quaest. ent. 8(3): 232  
Paratypes, 2: N.L., Tam., MEX., CNC No. 12871
- S. falli* Whitehead, 1972, Quaest. ent. 8(3): 281  
Paratypes, 2: N.L., MEX., CNC No. 12876
- S. kulti* Whitehead, 1972, Quaest. ent. 8(3): 223  
Paratypes 4: Chris., MEX., CNC No. 12870
- S. lindrothi* Whitehead, 1972, Quaest. ent. 8(3): 199  
Paratypes, 2: Fla., CNC No. 12877
- S. neovalidus* Whitehead, 1972, Quaest. ent. 8(3): 252  
Paratypes, 2: Ariz., CNC No. 12874
- S. ozarkensis* Whitehead, 1972, Quaest. ent. 8(3): 240  
Paratypes, 2: Ark., CNC No. 12873
- S. plurisetosus* Whitehead, 1972, Quaest. ent. 8(3): 214  
Paratypes, 2: Tam., MEX., CNC No. 12869
- S. scopaeus* Whitehead, 1972, Quaest. ent. 8(3): 278  
Paratypes, 19: Tex., CNC No. 12875
- S. sculptilis* Whitehead, 1972, Quaest. ent. 8(3): 156  
Paratypes, 2: Chis., MEX., CNC No. 12867
- S. tibialis* Whitehead, 1972, Quaest. ent. 8(3): 234  
Paratype, 1: S.L.P., MEX., CNC No. 12872
- Trechus tenuiscapus* Lindroth, 1961, The ground-beetles of Canada and Alaska, pt. 2. Opusc. ent. suppl. 20: 198  
Holotype: CANADA, Waterton Park, S.W. Alb. 128, 24.VII.1956 Lindroth/  
Holotypus *Trechus tenuiscapus* Lth./  
Holotype CNC No. 11722
- Zabrus (Iberozabrus) urbionensis* Jeanne, 1970, Bull. Soc. ent. Fr. 75(5-6): 146  
Paratypes, 2: Spain, CNC No. 13052

## CERAMBYCIDAE

- Acmaeops proteus durangoensis* Linsley & Chemsak, 1972, Univ. Calif. Publ. Ent. 69: 98  
Holotype: 10 mi. W. El Salto, Dgo. MEX., VI.5.1964 H. F. Howden/Acmaeops proteus durangoensis Linsley & Chemsak  
Holotype/Holotype CNC No. 11789  
Paratype, 1: Dgo., MEX.
- Cyrtinus granulifrons* H. Howden, 1970, Can. Ent. 102(10): 1313  
Holotype: JAMAICA, Try. Duncans, VIII.13.1966 Howden & Becker/  
Holotype CNC No. 11082 *Cyrtinus granulifrons* H. Howden  
Paratype, 1: Same data as holotype except VIII.21.1966
- C. jamaicensis* H. Howden, 1970, Can. Ent. 102(10): 1312  
Holotype: JAMAICA, 4000' Hardwar Gap VII.25.1966 Howden & Becker/Holotype CNC No. 11081 *Cyrtinus jamaicensis* H. Howden  
Paratypes, 8: Jamaica
- C. querci* H. Howden, 1973, Can. Ent. 105(4): 596  
Paratype, 1: Qro., MEX., CNC No. 13627
- Eburia juanita* Linsley & Chemsak, 1970, Pan-Pacif. Ent. 46(4): 300  
Paratype, 1: Sin., MEX., CNC No. 11792
- E. powelli* Linsley & Chemsak, 1970, Pan-Pacif. Ent. 46(4): 301  
Paratypes, 5: Sin., MEX., CNC No. 11791
- E. sinaloae* Linsley & Chemsak, 1970, Pan-Pacif. Ent. 46(4): 302  
Paratypes, 5: Sin., MEX., CNC No. 11790
- Euderces howdeni* Chemsak, 1969, Pan-Pacif. Ent. 45(4): 314  
Holotype: 24 mi. W. La Ciudad, Dgo., MEX. VI.20.64 H. F. Howden  
7000'/Holotype *Euderces howdeni* Chemsak/Holotype CNC No. 11794.
- E. nelsoni* Chemsak, 1969, Pan-Pacif. Ent. 45(4): 315  
Paratype, 1: Sin., MEX., CNC No. 11793
- Heterachthes howdeni* Martins, 1970, Archos Zool. S. Paulo 16(5): 1327  
Holotype: Holotipo/6 mi. S. Monterrey, N.L. Mex. VII.17.1963 H. & A. Howden/U. Martins det. 1967 *Heterachthes howdeni* sp. n. Holotipo ♀/Holotype CNC No. 11786

- H. rugosicollis* Martins, 1970, Archos Zool. S. Paulo 16 (5): 1330  
 Holotype: Holotipo/25 mi. E. El Salto, Dgo MEX. VII.17.64 H. F. Howden/On oak *Quercus* sp./U. Martins det. 1967  
*Heterachthes rugosicollis* sp. n. Holotipo ♂/Holotype CNC No. 11785  
 Allotype: Same data as Holotype
- Megachoriolaus chemsaki* Linsley, 1970, Pan-Pacif. Ent. 46(2): 129  
 Paratypes, 17: Sin., MEX., CNC No. 11787
- Neocompsa agnosta* Martins, 1970, Archos Zool. S. Paulo 16(4): 1081  
 Holotype: Holotipo/5mi. N. Mazatlan, Sin. MEX. VII.24-29. 1964 H. F. Howden/U. Martins det. 967  
*Neocompsa agnosta* sp. n. Holotipo ♂/Holotype CNC No. 11784  
 Allotype: Same data as Holotype except VIII.5-7.1964  
 Paratypes, 2: Sin., MEX.
- N. dysthymia* Martins, 1970, Archos Zool. S. Paulo 16(4): 1074  
 Holotype: Holotipo/Chipinque Mesa 5400' nr Monterrey, N.L. Mex. VII.30.1963 H. F. Howden/U. Martins det. 967  
*Neocompsa dysthymia* sp. n. Holotipo ♀/Holotype CNC No. 11783
- Platerosida howdeni* Linsley, 1970, Pan-Pacif. Ent. 46(2): 137  
 Holotype: 10 mi. W. El Salto, Dgo. MEX. VII.1.1964 H. F. Howden/Holotype  
*Platerosida howdeni* Linsley/Holotype CNC No. 11788  
 Allotype: P. Buenos Aires, 37 mi. W. El Salto, Dgo. MEX. VII.1.1964. H. F. Howden/Allotype  
*Platerosida howdeni* Linsley/Allotype CNC No. 11788
- Spalacopsis (Spalacopsis) howdeni* Tyson, 1970, Proc. ent. Soc. Wash. 72(4): 484  
 Holotype: El Salto de Agua S.L.P. MEX. VIII.23-24.1960 H. Howden/Holotype  
*Spalacopsis (S.) howdeni* W. H. Tyson/Holotype  
*Spalacopsis (S.) howdeni* W. H. Tyson CNC No. 11733
- S. (Euthuorus) macra* Tyson, 1973, Coleoptis Bull. 27(3): 128  
 Holotype: Jamaica, 4000' Hardwar Gap VII-25-1966 Howden & Becker/Holotype ♂  
*Spalacopsis (Euthuorus) macra* W. Tyson/Holotype CNC No. 13242  
 Allotype: Same data as holotype  
 Paratypes, 13: Jamaica
- Strangalia auripilis* Chemsak, 1969, JI N.Y. ent. Soc. 77(1): 6  
 Holotype: 24 mi. W. La Ciudad, Dgo. MEX. VII.2.64 H. F. Howden/Holotype  
*Strangalia auripilis* Chemsak/Holotype CNC No. 11796  
 Allotype: MEX. Sin 15 mi. W. El Palmito, 5000' 11 July 1964 W.R.M. Mason/Allotype  
*Strangalia auripilis* Chemsak/Allotype CNC No. 11796  
 Paratype, 1: Same data as Allotype
- S. gracilis* Chemsak, 1969, JI N.Y. ent Soc. 77(1): 7  
 Holotype: MEX. Sin. 15 mi. W. El Palmito, 5000' 11 July 1964 W. R. M. Mason/Holotype  
*Strangalia gracilis* Chemsak/Holotype CNC No. 11795  
 Allotype: Same data as Holotype except 8 July 1964  
 Paratypes, 3: Sin., MEX.
- S. palaspina* Chemsak, 1969, JI N.Y. ent Soc. 77(1): 3  
 Holotype: 5 mi. N. Mazatlan, Sin. MEX. VII.24-29.1964 H. F. Howden/on flowers of *Jatropha curcas* L./Holotype  
*Strangalia palaspina* Chemsak/Holotype CNC No. 11797  
 Paratypes, 4: Sin., MEX.
- Tetranodus rugipennis* Chemsak, 1969, Pan-Pacif. Ent. 45(4): 306  
 Holotype: 5 mi. N. Mazatlan, Sin. MEX. VII.24-29.1964 H. F. Howden/on flowers of *Buddleia wrightii* Robins/Holotype  
*Tetranodus rugipennis* Chemsak/Holotype CNC No. 11798

#### CHRYSOMELIDAE

- Anomoea flavokansiensis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 219  
 Paratypes, 3: Mo., CNC No. 12018
- A. ruffrons hybrida* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 234  
 Paratypes, 2: Ver., MEX., CNC No. 12020
- A. r. occidentimutabilis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 236  
 Paratypes, 6: Sin., Nay., MEX., CNC No. 12019
- Apraea anneae* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 170  
 Holotype: JAMAICA, Try. Duncans VIII.10.1966 Howden & Becker/



- Holotype *Apraea annae* Blake/Holotype CNC No. 11498  
 Paratypes, 2: Jamaica
- A. maculata* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 171  
 Holotype; JAMAICA, Try. Duncans VIII.23.1966 Howden & Becker/Holotype *Apraea maculata* Blake/Holotype CNC No. 11499
- Babia apicalis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 142  
 Paratypes, 6: Mich., Mex., MEX., CNC No. 12021
- B. quadriguttata magnasmokiae* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 147  
 Paratypes, 5: Tenn., Ga., CNC No. 12022
- Chrysomela aeruginosa centralasiae* Lopatin, 1970, Reichenbachia 12(25): 253  
 Paratype, 1: Mongolia, CNC No. 13193
- Chaetocnema brunnescens jamaicensis* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 166  
 Holotype: JAMAICA, King. Palisadoes VIII.25.1966 Howden & Becker/Holotype *Chaetocnema brunnescens jamaicensis* Blake/Holotype CNC No. 11500
- C. stenura* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 165  
 Holotype: JAMAICA, 4000' Hardwar Gap VII.2.1966 Howden & Becker/Holotype *Chaetocnema stenura* Blake/Holotype CNC No. 11501  
 Paratype, 1: Same data as Holotype except VII.9.1966
- Coscinoptera vittigera durangensis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 72  
 Holotype: 30 mi. W. Durango, Dgo. MEX. 8000' 6 June 1964 L.A. Kelton/Coscinoptera vittigera durangensis Mold. det. A. R. Moldenke '69 & cited in monograph/Holotype/Holotype CNC No. 11103  
 Allotype: Same data as Holotype except IV.20.1961 Howden & Martin
- Cyrsulus jamaicanus* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 163  
 Holotype: JAMAICA, 4000' Hardwar Gap VII.25.1966 Howden & Becker/Holotype *Cyrsulus jamaicanus* Blake/Holotype CNC No. 11502
- Erynephala brighti* Blake, 1970, Proc. ent. Soc. Wash. 72(3): 322  
 Holotype: Oakland Cal. 27.IX.36 Hugh Leech/tidal flat/On *Chenopodium*/Holotype CNC No. 11696/Holotype *Erynephala brighti* Blake  
 Paratypes, 6: Same data as Holotype
- Euryscopia obliqua* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 103  
 Paratypes, 4: Jal., N.L., MEX., CNC No. 12023
- E. robustella robustella* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 102  
 Paratype, 1: Ver., MEX., CNC No. 12024
- E. vittata corta* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 95  
 Paratypes, 3: Tex.; Dgo., MEX., CNC No. 12025
- Exema byersi* Karren, 1966, Kans. Univ. Sci. Bull. 46(18): 670  
 Paratypes, 3: Kansas, CNC No. 10962
- E. elliptica* Karren, 1966, Kans. Univ. Sci. Bull. 46(18): 672  
 Paratype, 1: South Carolina, CNC No. 10961
- E. mormona* Karren, 1966, Kans. Univ. Sci. Bull. 46(18): 659  
 Paratypes, 2: Utah, CNC No. 10960
- Galerucella solarii* Burlini, 1942, Boll. Soc. ent. ital. 74(1): 127  
 Syntype, 1: Italy, CNC No. 13395
- Hermaeophaga beckeri* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 167  
 Holotype: JAMAICA, Try. Duncans VIII.22.1966 Howden & Becker/Holotype *Hermaeophaga beckeri* Blake/Holotype CNC No. 11503  
 Paratypes, 2: Same data as Holotype
- Longitarsus howdeni* Blake 1969, Proc. ent. Soc. Wash. 71(2): 167  
 Holotype: JAMAICA, Try. Duncans VIII.21.1966 Howden & Becker/Holotype *Longitarsus howdeni* Blake/Holotype CNC No. 11504
- Megalostomis (Pygidiocarina) dimidiata sonorensis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 31  
 Paratypes, 2: Sin., MEX., CNC No. 12028

- M. (P.) notabilis linearis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 35.  
Paratypes, 2: Sin., MEX., CNC No. 12027
- M. (P.) pyropyga chiapensis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 28  
Paratype, 1: Chis., MEX., CNC No. 12026
- Megistops parvula* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 172.  
Holotype: JAMAICA, Try. Duncans VIII.22.1966 Howden & Becker/  
Holotype *Megistops parvula* Blake/  
Holotype CNC No. 11508.  
Paratype, 1: Same data as Holotype.
- M. rhabdota* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 172  
Holotype: JAMAICA, Try. Duncans VIII.22.1966 Howden & Becker/  
Holotype *Megistops rhabdota* Blake/  
Holotype CNC No. 11505
- Metachroma annulare* Blake, 1970, Smithson. Contr. Zool. 57:80  
Holotype: JAMAICA, Port., 3 mi. W. Ecclesdown VIII.7.1966 E. C. Becker/  
Holotype *Metachroma annulare* Blake/  
Holotype CNC No. 11754
- M. dicoelotrachelus* Blake 1970, Smithson. Contr. Zool. 57:75  
Holotype: JAMAICA, 7400' Blue Mt. Peak VII.27-28.1966 Howden & Becker/  
Holotype *Metachroma dicoelotrachelus* Blake/  
Holotype CNC No. 11756  
Paratypes, 5: Same data as Holotype
- M. hardwarense*, Blake, 1970, Smithson. Contr. Zool. 57:73  
Paratypes, 2: Jamaica, CNC No. 11755
- M. rugicollis* Blake, 1970, Smithson. Contr. Zool. 57:80  
Holotype: JAMAICA, 4000' Hardwar Gap VII.21.1966 Howden & Becker/  
Holotype *Metachroma rugicollis* Blake/  
Holotype CNC No. 11753
- M. vittipennis* Blake, 1970, Smithson. Contr. Zool. 57:37  
Holotype: El Salvador, San Salvador June 21 '58 L. J. Bottimer/  
Holotype *Metachroma vittipennis* Blake/  
Holotype CNC No. 13180
- Pachybrachis othonus sioux* Balsbaugh, 1973, Ann. ent. Soc. Am. 66(2): 254  
Paratype, 1: S. Dak., CNC No. 13776
- Pyrrhalta (Tricholochmaea) sablensis* Brown, 1969, Can. Ent. 101(1): 109  
Holotype: West end, Sable Is., N.S. 11 July 1967 W. J. Brown/  
Holotype CNC No. 9919  
*Pyrrhalta sablensis* Brown  
Paratypes, 82: Same locality as Holotype except 8 and 12 June 1966, 1 to 16 July 1967. Collectors H. F. Howden, W. R. M. Mason, W. J. Brown, and J. E. H. Martin
- Saxinis omogera chiricahuae* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 174  
Paratypes, 5: Ariz., CNC No. 12029
- S. saucia immaculata* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 181  
Paratype, 1: Calif., CNC No. 12030
- S. sierramadrensis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 170  
Paratype, 1: Chih., MEX., CNC No. 12031
- Sidfaya bicolor* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 169  
Holotype: JAMAICA, St. And. St. Peters VII.7.1966/Howden & Becker collectors/  
Holotype *Sidfaya bicolor* Blake/  
Holotype CNC No. 11506
- S. entima* Blake, 1969, Proc. ent. Soc. Wash. 71(2): 169  
Holotype: JAMAICA, 4000' Hardwar Gap VII.3.1966 Howden & Becker/  
Holotype *Sidfaya entima* Blake/  
Holotype CNC No. 11507
- Smaragdina militaris mexicana* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 207  
Holotype: 3 mi. E. El Salto, Dgo. MEX. VI.21.64 H. F. Howden/  
Holotype *Smaragdina militaris mexicana* Moldenke '69/  
Holotype CNC No. 12032  
Allotype: Same data as Holotype  
Paratypes, 4: Hdlg., Dgo., MEX., CNC No. 12032
- Urodera crucifera michoacanensis* Moldenke, 1970, A Revision of the Clytrinae of North America north of the Isthmus of Panama, Stanford University, California p. 124  
Paratypes, 2: Hdlg., Guer., MEX., CNC No. 12033

## CISIDAE

- Ceracis powelli* Lawrence, 1967, Bull. Mus. Paratypes, 44: Dgo., MEX., CNC No. comp. Zool. Harv. 136(6): 120 11977

## CLERIDAE

- Cymatodera chisosensis* Barr, 1972, Ent. Arb. Mus. Georg. Frey 23:3  
 Holotype: Basin Area, Big Bend N.P., Tex. V.2.1959/At Light/Howden & Becker collectors/Holotype *Cymatodera zosterops* W. F. Barr/Holotype CNC No. 13030  
 Paratypes, 10: Tex., CNC No. 13030  
*C. linsleyi* Barr, 1972, Ent. Arb. Mus. Georg. Frey 23:19  
 Holotype: Same data as Holotype except V.29.1959  
 Paratypes, 2: Calif., CNC No. 13031  
*C. zosterops* Barr, 1972, Ent. Arb. Mus. Georg. Frey 23:14  
 Paratypes, 2: Tex.

## COCCINELLIDAE

- Hyperaspis congressis* Watson, 1960, Can. Ent. 92(3): 231  
 Holotype: S59-4302-02 Pinus banksiana R'rd Coll./Savanne P.A. Ont. Em. 7.VIII.59 Inc. F.I.S./Holotype/*Hyperaspis congressis* Watson Det. W. Y. Watson '59 CNC 7015/Holotype CNC No. 7015  
 Allotype: Same data as Holotype  
 Paratypes, 32: Man., Sask., Ont.  
*H. paspalis* Watson, 1960, Can. Ent. 92(3): 233  
 Holotype: S59-6503-01 Red Oak R'rd Coll./Iron Bridge S.S.M. Ont. 17-8.59 R'rd Coll. Slide no. 389 Sault Ste Marie F.I.S./Holotype/*Hyperaspis paspalis* Watson, Det. W. Y. Watson '59 CNC 7016/Holotype CNC No. 7016  
 Allotype: Same data as Holotype (no slide)  
 Paratypes, 30: Ont.

## CURCULIONIDAE

- Dorytomus howdeni* O'Brien, 1970, Univ. Calif. Publs Ent. 60: 27  
 Holotype: Burrville, Tenn. X.9.1955, H. & A. Howden/Goldenrod/Holotype *Dorytomus howdeni* O'Brien/Holotype CNC No. 11635  
*D. lecontei* O'Brien, 1970, Univ. Calif. Publs Ent. 60: 36  
 Paratype, 1: Alaska, CNC No. 11636  
*Gerstaeckeria leptocaulis* O'Brien, 1970, Ann. ent. Soc. Am. 63(1): 267  
 Paratype, 1: Tex., CNC No. 11101  
*G. peruana* O'Brien, 1969, Coleopt. Bull. 23(3): 74  
 Paratypes, 12: Peru, CNC No. 11102  
*G. tricolor* O'Brien, 1970, Ann. ent. Soc. Am. 63(1): 269  
 Paratype, 1: Ariz., CNC No. 11100  
*Isodrusus guajavus* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 50  
 Paratypes, 21: Jamaica, CNC No. 9958  
*Mesocordylus jamaicensis* Vaurie, 1970, Am. Mus. Novit. 2441: 41  
 Holotype: JAMAICA, 4000', Hardwar Gap VII.23.1966 Howden & Becker/♀/Type *Mesocordylus jamaicensis* Vaurie / Holotype CNC No. 11945  
*M. mexicanus* Vaurie, 1970, Am. Mus. Novit. 2441: 23  
 Paratypes, 5: Sin., MEX., CNC No. 11944  
*Ophryastes mixtus* Kissinger, 1970, Curculionidae Tribe Ophryastini of North America (Coleoptera). Taxonomic Publs, South Lancaster, Mass. p. 32  
 Holotype: Thousand Palms, Cal., 27.III.1955, J. E. H. Martin/Holotype *Ophryastes mixtus* Kissinger/17/Holotype CNC No. 10547  
 Allotype: Same data as Holotype except 4.IV.1955  
 Paratypes, 14: Calif.  
*Pandeleiteinus subcancer* A. Howden, 1969, Coleopt. Bull. 23(3): 78  
 Paratypes, 38: S.L.P., Guer., MEX., CNC No. 10547  
*Paradacrys spatulatum* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 41  
 Holotype: B.W.I. Turks and Caicos Islands, Grand Turk, June 1957, T. H. Farr/*Paradacrys spatulatum* A. Howden Holotype/Holotype CNC No. 9957  
*Pselaphorhynchites dilatatorstris* Hamilton, 1971, Ann. ent. Soc. Am. 64(5): 989  
 Paratypes, 3: Tex., CNC No. 12587

- Rhinanisus chisosensis* O'Brien, 1973, Coleopt. Bull. 27(1): 7  
Paratypes, 10: Tex., CNC No. 13068
- Scalaventer coccolobae* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 10  
Paratypes, 69: Jamaica, CNC No. 9953
- S. cyrillae* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 7  
Paratypes, 349: Jamaica, CNC No. 9952
- S. jamaicensis* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 24  
Paratype, 1: Jamaica, CNC No. 9956
- S. litoreus* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 14  
Paratypes, 113: Jamaica, CNC No. 9954
- S. montanus* A. Howden, 1970, Contr. Am. ent. Inst. 5(5): 17  
Paratype, 1: Jamaica, CNC No. 9955
- Vitavitus thulius* Kissinger, 1973, Coleopt. Bull. 27(4): 194  
Holotype: Bernard Harbour, N.W.T., July 6-7/Canadian Arctic Expedition, F. J. 1913/Sitona discoidea (?) Gyll. Det. Leng-1919 Rept. Can. Arctic Exp. pt. E, p. 21/Lepidophorus sp./1248/Genus & sp. unknown to me, LLB.X.39/Dissected by DGK '72, vial contains abdomen, ♀ genitalia, spermatheca + prementum + 1 egg + tibia 3, det D. G. Kissinger/Vitavitus thulius Kissinger Holotype/Holotype CNC No. 13333

## DYTISCIDAE

- Copelatus caelatipennis princeps* Young, 1963, Q. Jl Fla Acad. Sci. 26(1): 64  
Paratypes, 5: Fla., CNC No. 11933

## ELATERIDAE

- Acteniceromorphus himalayanus* Ohira & Becker, 1973, Oriental Insects 7(4): 565  
Holotype: 28°00' N. 84°59' E NEPAL 12-13,000', 20 June 1967 Can. Nepal Exped./Acteniceromorphus himalayana Det. H. Ohira, E. C. Becker 1972/Holotype Acteniceromorphus himalayanus Ohira & Becker CNC No. 13098
- A. nepalensis* Ohira & Becker, 1973, Oriental Insects 7(4): 563  
Holotype: 27°58' N. 85°00' E. NEPAL, 11,100 ft. 23 May 1967 Can. Nepal Exped./Acteniceromorphus nepalensis Det. H. Ohira, E. C. Becker 1972/Holotype Acteniceromorphus nepalensis Ohira & Becker CNC No. 13097
- Ampedus bakeri* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 190  
Paratypes, 21: Ore., Wash., CNC No. 12592
- Anchastus knulli* Becker, 1972, Coleopt. Bull. 26(3): 121  
Holotype: Madera Cyn. Santa Cruz Co. Ariz. 4880 ft. VII.5.1963/ J. S. Buckett Collr/Holotype Anchastus knulli Becker CNC No. 12685  
Allotype: Same data as Holotype except VII.15.1963, V. L. Vesterby Collr.  
Paratypes, 8: Ariz.
- Athous neacanthus* Becker, 1974, Can. Ent. 106(7): 731
- Holotype: Hillsdale N.J./23-VI-1922 Quirsfeld/Holotype Athous neacanthus Becker CNC No. 13109  
Allotype: Same data as Holotype  
Paratypes, 70: N.J., N.Y., Mass. Conn., R.I., N.H., Pa., Va., N. Car., Tenn., Ga., S. Car., Ohio
- A. orvus* Becker, 1974, Can. Ent. 106(7): 742  
Holotype: Ste-Foy, Qué. 16.VII.68 C. Chantal/Holotype Athous orvus Becker CNC No. 5660  
Allotype: Ste-Foy, 23.VII.62 Québec, Co./J.-C. Aubé/Allotype Athous orvus Becker CNC No. 5660  
Paratypes, 115: Qué., N.S., P.E.I., N.B., Ont.; Me., Pa, N.H., N.Y., Va.
- Cardiophorus (Coptostethus) fernandesi* Cobos, 1970, Eos, Madr. 45: 77  
Paratype, 1: Canaria, CNC No. 12034
- Colaulon triplehornorum* Knull, 1973, Coleopt. Bull. 27(1): 39  
Paratype, 1: Tex., CNC No. 13417
- Ctenicera barri* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 177  
Paratypes, 3: Ida., CNC No. 12588
- C. gibsoni* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 181  
Paratypes, 4: Wn., CNC No. 12590
- C. manisi* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 179  
Paratype, 1: Ida., CNC No. 12589

- C. sleeperi* Becker, 1973, Can. Ent. 105(12): 1529  
 Holotype: CALIF., JTNM Plsnt Vily. Fried Liver Wsh VII.15.65/Blacklite/E. L. Sleeper, S. L. Jenkins Collr./Holotype Ctenicera sleeperi Becker CNC No. 13061  
 Paratypes, 5: Calif.
- Denticoloides fulvus* Dolin, 1969, Beitr. Ent. 19(1/2): 129  
 Paratypes, 3: U.S.S.R., CNC No. 11047
- Dima katomandulia* Ohira & Becker, 1972, Oriental Insects 6(4): 531  
 Holotype: 28°00' N. 84°59' E. NEPAL, 12-13,000' 1 June 1967 Can. Nepal Exped./Dima katomandulia Det. H. Ohira, E. C. Becker 1971/Holotype CNC No. 12598  
 Paratypes, 2: Nepal
- Drasterius subornatus* Schaeffer, 1917, Bull. Brooklyn ent. Soc. 12: 40  
 Paratype, 1: Tex., CNC No. 12597  
 [*Aeolus subornatus* (Schaeffer)]
- Glyphonyx godavariensis* Ohira & Becker, 1972, Oriental Insects 6(2): 135  
 Holotype: NEPAL, Ktmd. Godavari 6000' 24 July 1967 Can. Nepal Exped./Glyphonyx godavariensis Det. H. Ohira, E. C. Becker 1971/Holotype CNC No. 12170
- G. nepalensis* Ohira & Becker, 1972, Oriental Insects 6(2): 137  
 Holotype: NEPAL, Ktmd. Godavari 6000' 13 Aug. 1967 Can. Nepal Exped./Holotype CNC No. 12172/Glyphonyx nepalensis Det. H. Ohira, E. C. Becker 1971
- G. rosariti* Ohira & Becker, 1972, Oriental Insects 6(2): 136  
 Holotype: NEPAL, Ktmd. Godavari 6000', 30 July 1967 Can. Nepal Exped./Holotype CNC No. 12171/Glyphonx rosariti Det. H. Ohira, E. C. Becker 1971  
 Paratype, 1: Same data as Holotype
- Hemicrepidius montanus* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 186  
 Paratype, 1: Ida., CNC No. 12596
- Hypnoidus leei* Stibick 1968, Coleopt. Bull. 22(3): 98  
 Paratypes, 4: Alta; Ida., CNC No. 10846  
 [*Hypolithus leei* (Stibick)]
- Hypolithus (Hypnoidus) nepalensis* Ohira & Becker, 1973, Oriental Insects 7(1): 74  
 Holotype: 27°58' N. 85°00' E. NEPAL, 11,100 ft. 16 May 1967 Can. Nepal Exped./Hypolithus nepalensis Det. H. Ohira, E. C. Becker 1972/Holotype
- Hypolithus nepalensis* Ohira & Becker CNC No. 12770  
 Paratypes, 15: Nepal
- H. olympus* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 187  
 Paratype, 1: Wash., CNC No. 12595
- Limonium jonesi* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 182  
 Paratype, 1: Ore., CNC No. 12591
- L. shircki* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 183  
 Paratype, 1: Ida., CNC No. 12593
- L. snakensis* Lane, 1965, Proc. ent. Soc. Wash. 67(3): 185  
 Paratype, 1: Wn., CNC No. 12594
- Megapenthes antennatus* Becker, 1971, Can. Ent. 103(2): 164  
 Holotype: ARIZ., Madera Can. Sta. Rita Mtns. 13.VIII.68 E. C. Becker/Holotype Megapenthes antennatus Becker CNC No. 10903  
 Allotype: ARIZ., S. Rita Mts Madera Canyon VIII.9.1961/G. H. Nelson & Family Collectors/At light/Allotype Megapenthes antennatus Becker CNC No. 10903  
 Paratypes, 4: Ariz.; Dgo., MEX.
- M. apacheorum* Becker, 1971, Can. Ent. 103(2): 157  
 Holotype: S.W. Res. Sta. Portal Ariz. VI.30.1956 H. & A. Howden, Lt./Holotype Megapenthes apacheorum Becker CNC No. 10899  
 Allotype: 7000' Pinery C. Chir. Mts. Ariz. VII.9.1956 H. & A. Howden, Light/Allotype Megapenthes apacheorum Becker CNC No. 10899  
 Paratypes, 58: Ariz.
- M. elongatus* Becker, 1971, Can. Ent. 103(2): 165  
 Holotype: ARIZONA, St. Catalina Mts. Bear Canyon July 6, 1968/Collr K. Stephan/Holotype Megapenthes elongatus Becker CNC No. 10902  
 Allotype: 21 mi. N. Clifton, Greenlee Co., Ariz. VII.12.1968 D. E. Bright/Allotype Megapenthes elongatus Becker CNC No. 10902  
 Paratypes, 2: Ariz.
- M. fuscus* Becker, 1971, Can. Ent. 103(2): 162  
 Holotype: Sierra Vista, Huachuca Mts. ARIZ. V.1965 R. F. Sternitzky/Holotype Megapenthes fuscus Becker CNC No. 10901  
 Allotype: Ash Canyon, Cochise Co. Ariz. VII.24.1968 D. E. Bright/Allotype Megapenthes fuscus Becker CNC No. 10901  
 Paratypes, 7: Ariz.

- M. texanus* Becker, 1971, Can. Ent. 103(2): 160  
 Holotype: Del Rio, TEXAS, Apr. 25-26, 1959 Becker & Howden/night Beating/Holotype *Megapenthes texanus* Becker CNC No. 10900  
 Allotype: Same data as Holotype except omit night beating  
 Paratypes, 15: Tex.
- Melanotus kirghizicus* Dolin, 1969, Beitr. Ent. 19(1/2): 132  
 Paratype, 1: U.S.S.R., CNC No. 11048
- Meristhus lotharensis* Ohira & Becker, 1973, Oriental Insects 7(4): 464  
 Holotype: NEPAL nr Birganj Lothar 450 ft. 8 Sept. '67 Can. Nepal Exped./Holotype *Meristhus lotharensis* Ohira & Becker CNC No. 12916/*Meristhus lotharensis* Det. H. Ohira, E. C. Becker 1972  
 Paratypes, 15: Same data as Holotype except dates vary from Sept. 8 to 12
- M. nepalensis* Ohira & Becker, 1973, Oriental Insects 7(4): 462  
 Holotype: Can. Nepal Exped. NEPAL nr. Birganj Lothar 450 ft. 12.IX.1967/Holotype *Meristhus nepalensis* Ohira & Becker CNC No. 12915/*Meristhus nepalensis* Det. H. Ohira, E. C. Becker 1972  
 Paratypes, 6: Same data as Holotype except one specimen dated 8 Sept. '67
- Neocsikia nepalensis* Ohira & Becker, 1972, Oriental Insects 6(4): 535  
 Holotype: NEPAL, Ktm. Godavari, 6000' 24 July 1967 Can. Nepal Exped./*Neocsikia nepalensis* Det. H. Ohira, E. C. Becker 1971/Holotype CNC No. 12600
- Neohypdonus nepalensis* Ohira & Becker, 1973, Oriental Insects 7(1): 72  
 Holotype: NEPAL nr. Birganj Lothar 450 ft. 30 Aug. 1967 Can. Nepal Exped./*Neohypdonus nepalensis* Det. H. Ohira, E. C. Becker 1972/Holotype *Neohypdonus nepalensis* Ohira & Becker CNC No. 12769
- Parhemiops nepalensis* Ohira & Becker, 1972, Oriental Insects 6(2): 138  
 Holotype: Malaise Trap No. 30 Can. Nepal Exped. NEPAL nr Birganj Lothar 450 ft. 11.IX.1967/*Parhemiops nepalensis* Det. H. Ohira, E. C. Becker 1971/Holotype CNC No. 12169
- Patricia australica* Van Zwaluwenburg, 1947, Proc. Hawaii, ent. Soc. 13(1): 114  
 Paratype, 1: Australia, CNC No. 13633 [*Patriciella australica* (Van Zwal.)]
- Penia chotarea* Ohira & Becker, 1972, Oriental Insects 6(4): 533  
 Holotype: 27°58' N. 85°00' E. NEPAL, 11,100 ft. 13 June 1967 Can. Nepal. Exped./*Penia chotarea* Det. H. Ohira, E. C. Becker 1971/Holotype CNC No. 12599  
 Paratype, 1: Nepal
- Silesis cylindrififormis* Ohira & Becker, 1971, Oriental Insects 5(4): 580  
 Holotype: 28°00' N. 85°00' E. Mal. tr. 7, 9900', 27 May 1967 Can. Nepal Exped./*Silesis cylindrififormis* Det. H. Ohira, E. C. Becker 1971/Holotype *Silesis cylindrififormis* Ohira & Becker CNC No. 11928
- S. sherpana* Ohira & Becker, 1971, Oriental Insects 5(4): 577  
 Holotype: 28°00' N. 85°00' E. Mal. tr. 7, 9900', 21-27 May 1967 Can. Nepal Exped./*Silesis sherpana* Det. H. Ohira, E. C. Becker 1971/Holotype *Silesis sherpana* Ohira & Becker CNC No. 11926  
 Paratype, 1: Nepal
- S. nepalensis* Ohira & Becker, 1971, Oriental Insects 5(4): 579  
 Holotype: 28°00' N. 85°00' E. Mal. tr. 7, 9900', 21-27 May 1967 Can. Nepal Exped./*Silesis nepalensis* Det. H. Ohira, E. C. Becker 1971/Holotype *Silesis nepalensis* Ohira & Becker CNC No. 11927
- Tropihypnus rungbongi* Stibick, 1968, Ent. News 79(7): 172  
 Paratypes, 2: Sikkim, CNC No. 11046
- Yukoana nepalensis* Ohira & Becker, 1973, Oriental Insects 7(1): 73  
 Holotype: 27°57' N. 84°59' E. Mal. tr. 5, 10,000', 13-19 May 1967 Can. Nepal Exped./*Yukoana nepalensis* Det. H. Ohira, E. C. Becker 1972/Holotype *Yukoana nepalensis* Ohira & Becker CNC No. 12768
- Zorochrus birganjianus* Ohira & Becker, 1973, Oriental Insects 7(1): 70  
 Holotype: Can. Nepal Exped. NEPAL nr Birganj Lothar 450 ft. 10.IX.1967/*Zorochrus birganjianus* Det. H. Ohira, E. C. Becker 1972/Holotype *Zorochrus birganjianus* Ohira & Becker CNC No. 12766  
 Paratypes, 39: Same data as Holotype except dates vary from Aug. 30 to Sept. 19
- Z. lotharensis* Ohira & Becker, 1973, Oriental Insects 7(1): 71  
 Holotype: NEPAL nr Birganj Lothar 450 ft. 30 Aug. 1967 Can. Nepal Exped./*Zorochrus lotharensis* Det. H. Ohira, E. C. Becker 1972/Holotype *Zorochrus lotharensis* Ohira & Becker CNC No. 12767

## ELMIDAE

- Heterelmis stephani* Brown, 1972, Ent. News 83(9): 230  
 Holotype: Bog Springs, Madera Canyon, Ariz. 70/5/16 Karl Stephan/Heterelmis  
*stephani* det. Harley Brown ♂/Type/  
 Holotype CNC No. 12866  
 Paratype, 1: Same data as Holotype

## GEORISSIDAE

- Georissus inflatus* Delève, 1972, Bull. Anns Soc. r. Belg. Ent. 108: 152  
 Paratype, 1: Ceylon, CNC No. 13679

## HALIPLIDAE

- Haliplus (Liaphlus) tortilipennis* Brigham & Sanderson, 1972, Trans. Illinois St. Acad. Sci. 65(1-2): 18  
 Paratypes, 2: Ill., CNC No. 13392  
*H. (Paraliaphlus) variomaculatus* Brigham & Sanderson, 1973, Coleopts Bull. 27(4): 157  
 Paratypes, 2: Ill., CNC No. 13393  
*Peltodytes dietrichi* Young, 1961, Ann. ent. Soc. Am. 54(2): 220  
 Paratype, 1: Fla, CNC No. 13689  
*P. dunavani* Young, 1961, Ann. ent. Soc. Am. 54(2): 215  
 Paratypes, 2: N. Car., CNC No. 13690

## HYDROPHILIDAE

- Helophorus (Atracthelophorus) mongoliensis* Angus, 1970, Acta zool. hung. 16: 257  
 Paratypes, 5: Mongolia, CNC No. 13406  
*H. aspericollis* Angus, 1973, Phil. Trans. R. Soc. 265(869): 310  
 Paratypes, 2: Siberia, CNC No. 13110  
*H. browni* McCorkle, 1970, In Angus, Acta zool. hung. 16: 280  
 Holotype: *H. browni* Holotype Aedeagus/Reindeer Depot, Mackenzie Delta VI.30.1948 W. J. Brown/Type  
*Elophorus browni* McCorkle 1967/  
 Holotype CNC No. 11976  
 Allotype: Same data as Holotype except VIII-11-1948  
 Paratypes, 17: N.W.T.  
*H. carsoni* Angus, 1970, Acta zool. hung. 16: 269  
 Paratypes, 5: Mongolia, CNC No. 13405  
*H. lapponicus* C. G. Thomson, 1854, Öfvers. K. VenskAkad. Förh 10:10  
 Paralectotypes, 2: Russia, CNC No. 13634  
 (both specimens on same pin, one specimen very badly damaged)  
*H. motschulskyi* Angus, 1970, Acta zool. hung. 16: 265  
 Paratype, 1: Mongolia, CNC No. 13404  
*H. parajacutus* Angus, 1970, Acta zool. hung. 16: 279  
 Paratype, 1: Mongolia, CNC No. 13407  
*H. parasplendidus* Angus, 1970, Acta zool. hung. 16: 272  
 Holotype: Holotype/Chesterfield N.W.T., VI.22.1950 J. R. Vockeroth/Holotype  
*Helophorus parasplendidus* sp. n. R. B. Angus det. Sept. 1969/Holotype CNC No. 13635  
 Paratypes, 5: Man., N.W.T.  
*H. sempervarians* Angus, 1970, Acta zool. hung. 16: 273  
 Holotype: ♂/Holotype/McMurray Alta. VI.21.53 W. J. Brown/Holotype  
*Helophorus sempervarians* sp. n. R. B. Angus det. Sept. 1969/Holotype CNC No. 13636  
 Paratypes, 21: Alta., Man., N.W.T., Sask., Que., Ont., Lab.  
*Laccobius antillensis* Spangler, 1968, Proc. biol. Soc. Wash. 81: 752  
 Paratypes, 2: Puerto Rico, CNC No. 11467  
*L. columbianus* D. C. Miller, 1965, J. N.Y. ent. Soc. 73(2): 59  
 Holotype: Copper Mtn., B.C. 21.VIII.1929 G. Stace Smith/B/Holotype  
*Laccobius columbianus* D. Miller/Holotype CNC No. 13334  
 Paratype, 1: B.C.  
*L. reflexipennis* Malcolm, 1971, Univ. Maine tech. Bull. 48: 41  
 Paratypes, 2: Que., N.B., CNC No. 13637  
*Paracymus communis* Wooldridge, 1966, J. Kans. ent. Soc. 39(4): 718  
 Paratype, 1: Ill., CNC No. 13243  
*P. confusus* Wooldridge, 1966, J. Kans. ent. Soc. 39(4): 719  
 Paratype, 1: Ill., CNC No. 13244  
*P. secretus* Wooldridge, 1973, J. Kans. ent. Soc. 46(3): 436  
 Holotype: 24 mi. W. La Ciudad, Dgo. MEX., VI.15.64 H. F. Howden/Holotype

- Paracymus secretus* Wooldridge/Holotype  
CNC No. 13638  
Allotype: Same data as Holotype  
Paratypes, 12: Same data as Holotype  
*P. toleratus* Wooldridge, 1973, J. Kans. ent.  
Soc. 46(3): 434  
Holotype: MEX. Rte 131, 187 km. S.  
Oaxaca, Oax. V.12.1971 J. M.  
Campbell, 5800'/Holotype *Paracymus to-*  
*leratus* Wooldridge/Holotype CNC No.  
13639  
Allotype: Same data as Holotype except  
"193 km. S. Oaxaca"  
Paratypes, 7: 3 with same data as Holotype,  
4 with same data as Allotype

## LEIODIDAE

- Acanthodiaprepus luteicornis* Hlisnikovsky,  
1972, Mitt. schweiz. ent. Ges. 45(1-3):  
140  
Paratype, 1: Ceylon, CNC No. 13744  
*A. silvaticus* Hlisnikovsky, 1972, Mitt.  
schweiz. ent. Ges. 45(1-3): 136  
Paratypes, 3: Ceylon, CNC No. 13745  
*Aglyptinus dimorphicus* Peck, 1972, Psyche,  
Camb. 79(1-2): 52  
Paratypes, 4: Jamaica, CNC No. 13674  
*A. jamaicensis* Peck, Psyche, Camb. 79(1-2):  
53  
Paratypes, 2: Jamaica, CNC No. 13673  
*A. puertoricensis* Peck, 1972, Psyche, Camb.  
79(1-2): 54  
Paratype, 1: Puerto Rico, CNC No. 13675  
*Besuchetus ceylanicus* Hlisnikovsky, 1972,  
Mitt. schweiz. ent. Ges. 45(1-3): 142  
Paratype, 1: Ceylon, CNC No. 13743  
*Creagrophorus jamaicensis* Peck, 1972,  
Psyche, Camb. 79(1-2): 56  
Paratype, 1: Jamaica, CNC No. 13672  
*Dissochaetus jamaicensis* Peck, 1972, Psyche,  
Camb. 79(1-2): 50  
Paratypes, 4: Jamaica, CNC No. 13676  
*Ptomaphagus besucheti* Szymczakowski,  
1972, Acta zool. cracov 17: 181  
Paratypes, 2: Ceylon, CNC No. 13678  
*P. loebli* Szymczakowski, 1972, Acta zool.  
cracov. 17: 184  
Paratype, 1: Ceylon, CNC No. 13677  
*Ptomaphagus (Adelops) altus* Peck, 1973,  
Bull. Mus. comp. Zool. Harv. 145(2):  
133  
Paratypes, 2: Chis., MEX., CNC No. 13196  
*P. (A.) barri* Peck, 1973, Bull. Mus. comp.  
Zool. Harv. 145(2): 68  
Paratypes, 2: Tenn., CNC No. 13199  
*P. (A.) cavernicola aditus* Peck, 1973, Bull.  
Mus. comp. Zool. Harv. 145(2): 127  
Paratypes, 2: N.L., MEX., CNC No. 13200  
*P. (A.) episcopus* Peck, 1973, Bull. Mus.  
comp. Zool. Harv. 145(2): 81  
Paratype, 1: Ala., CNC No. 13198  
*P. (A.) fiskei* Peck, 1973, Bull. Mus. comp.  
Zool. Harv. 145(2): 71  
Paratypes, 2: Ga., CNC No. 13194  
*P. (A.) loedingi julius* Peck, 1973, Bull. Mus.  
comp. Zool. Harv. 145(2): 67  
Paratypes, 2: Ala., CNC No. 13201  
*P. (A.) newtoni* Peck, 1973, Bull. Mus. comp.  
Zool. Harv. 145(2): 134  
Paratype, 1: Oax., MEX., CNC No. 13197  
*P. (A.) oaxaca* Peck, 1973, Bull. Mus. comp.  
Zool. Harv. 145(2): 130  
Paratype, 1: Oax., MEX., CNC No. 13195

## LUCANIDAE

- Serrognathus lachnosternus* de Lisle, 1972,  
Nouv. Rev. Ent. 2(2): 153  
Paratype, 1: Philippine Is., CNC No. 13754

## MICROPEPLIDAE

- \**Micropeplus hoogendorni* Matthews, 1970,  
Can. J. Zool. 48(4): 780  
Holotype: Holotype *Micropeplus hoogen-*  
*dorni* Matthews/Age: Pliocene Loc: Lava  
Camp Mine, Seward Pen. Alas-  
ka/Holotype CNC No. 11079  
\**M. hopkinsi* Matthews, 1970, Can. J. Zool.  
48(4): 782  
Holotype: Holotype *Micropeplus hopkinsi*  
Matthews/Age: Pliocene Loc: Lava Camp  
Mine, Seward Peninsula Alaska/Holotype  
CNC No. 11078  
*M. smetanai* Campbell, 1973, Can. Ent.  
105(4): 573  
Holotype: B.C., 4 mi. W. Midway,  
VI.6.1968, Campbell & Smetana/ex river  
debris/Holotype *Micropeplus smetanai*  
J. M. Campbell 1972 CNC No. 12914

\*Fossil of Pliocene Age.



- Allotype: Same data as Holotype  
 Paratypes, 7: B.C.  
*M. volcanus* Campbell, 1973, Can. Ent.  
 105(4): 571  
 Holotype: MEX., Km. 10, 10,000', V.  
 Popocatepetl Mex., V-9-1971 J. M.  
 Campbell/Holotype *Micropeplus vol-*  
*canus* J. M. Campbell 1972 CNC No.  
 12913  
 Allotype: Same data as Holotype  
 Paratypes, 11: Same data as Holotype

#### NITIDULIDAE

- Eपुरaea alternata* Parsons, 1969, Coleopt  
 Bull. 23(3): 68  
 Paratype, 1: Ont., CNC No. 11800  
*E. boreades* Parsons, 1967, Can. Ent. 99(7):  
 736  
 Paratypes, 4: N.B.; N.H., CNC No. 11801

#### PHENGODIDAE

- Zarhipis tiemanni* Linsdale, 1964, Wasmann J.  
 Biol. 22(2): 253  
 Paratype, 1: Calif., CNC No. 12694

#### PLATYPODIDAE

- Protoplatypus vetulus* Wood 1973, Gt Basin  
 Nat. 33(2): 82  
 Paratypes, 2: New Guinea, CNC No. 13112  
*Platypus jamaicensis* Bright, 1972, Bull. Inst.  
 Jamaica Sci. Ser. 21: 17  
 Holotype: JAMAICA, 4000' Hardwar Gap  
 VII.29.1966 Howden & Becker/Holotype  
*Platypus jamaicensis* Bright CNC No.  
 11474  
 Allotype: Same data as Holotype except  
 VII.23.1966  
 Paratypes, 17: Jamaica  
*P. perplexus* Bright, 1972, Bull. Inst. Jamaica  
 Sci. Ser. 21:20  
 Holotype: JAMAICA, Try. Good Hope  
 VIII.17.1966 H. F. Howden/Holotype  
*Platypus perplexus* Bright CNC No.  
 11475/*Platypus perplexus* n. sp. D. E.  
 Bright 1968

#### PTINIDAE

- Niptus absconditus* Spilman, 1968, SWest.  
 Nat. 13(2): 197  
 Paratype, 1: Hdgo., MEX., CNC No. 11573

#### SCAPHIDIIDAE

- Eubaeocera lenta* Löbl, 1971, Revue suisse  
 Zool. 78: 949  
 Paratype, 1: Ceylon, CNC No. 13681  
*Scaphisoma mussardi* Löbl, 1971, Revue  
 suisse Zool. 78: 979  
 Paratype, 1: Ceylon, CNC No. 13680

#### SCARABAEIDAE

- Anomalia sandersoni* H. Howden, 1970, Can.  
 Ent. 102(1): 6  
 Holotype: JAMAICA, St. And., St. Peters.,  
 VII.7.1966/Howden & Becker collrs/  
 Holotype CNC No. 10782 *Anomala sand-*  
*ersoni* H. Howden.  
 Allotype: JAMAICA, Mandeville, Man-  
 chester, Parish, Oct. 1959 R. Physick/Al-  
 lotype CNC No. 10782 *Anomala sander-*  
*soni* H. Howden  
 Paratypes, 235: Jamaica  
*Aphodius (Agoliinus) richardsonae* Hatch,  
 1971, The Beetles of the Pacific North-  
 west, pt. 4, Univ. Wash. Pubs Biol. 16:  
 452  
 Paratypes, 2: B.C., CNC No. 13336  
*A. (A.) russelli* Hatch, 1971, The Beetles of the  
 Pacific Northwest, pt. 4, Univ. Wash.  
 Pubs Biol. 16: 452  
 Paratype, 1: B.C., CNC No. 13335  
*A. amplinotum* Gordon & Howden, 1973,  
 Ann. ent. Soc. Am. 66(2): 436

- Holotype: 10 mi. W. El Salto, Dgo. Mex. 9000' VI.14.1964 Howden & Martin/Thomomys burrow/Holotype Aphodius amplinotum Gordon & Howden/Holotype CNC No. 13667  
Allotype: Same data as Holotype  
Paratypes, 10: Same data as Holotype
- A. davisi* Fall, 1930, Pan-Pacif. Ent. 7(2): 73  
Paratypes, 2: Calif., CNC No. 13446
- A. durangoi* Gordon & Howden, 1973, Ann. ent. Soc. Am. 66(2): 440  
Holotype: 11 mi. S.W. El Salto, Dgo. MEX. VI.4.1964 H. F. Howden/♂/Holotype Aphodius durangoi Gordon & Howden/Holotype CNC No. 13670  
Allotype: 10 mi. W. El Salto, Dgo. MEX VI.4.1964 H. F. Howden/Thomomys burrow/♀/Allotype Aphodius durangoi Gordon & Howden/Allotype CNC No. 13670  
Paratype, 1: Same data as Allotype except VI.26.1964 and "Reared-ex Thomomys dung"
- A. epulus* Gordon & Howden, 1973, Ann. ent. Soc. Am. 66(2): 440  
Holotype: 10 mi. W. El Salto, Dgo. MEX. VI.4.1964 H. F. Howden/Thomomys burrow/♂/Holotype Aphodius epulus Gordon & Howden/Holotype CNC No. 13671  
Allotype: 11 mi. S.W. El Salto, Dgo. MEX. VI.4.1964 H. F. Howden/♀/Allotype Aphodius epulus Gordon & Howden/Allotype CNC No. 13671
- A. inurbanus* Gordon & Howden, 1973, Ann. ent. Soc. Am. 66(2): 442  
Holotype: 11 mi. S.W. El Salto, Dgo. MEX. VI.14.1964 H. F. Howden/Holotype Aphodius inurbanus Gordon & Howden/Holotype CNC No. 13668  
Allotype: 10 mi. W. El Salto, Dgo. MEX. VI.1964 larva, H. F. Howden/Reared Oct. 20.64/Allotype Aphodius inurbanus Gordon & Howden/Allotype CNC No. 13668  
Paratypes, 10: Dgo., MEX.
- A. spermophili* Gordon, 1973, Proc. ent. Soc. Wash. 75(4): 436  
Paratypes, 3: Calif., CNC No. 13688
- A. symbius* Gordon & Howden, 1973, Ann. ent. Soc. Am. 66(2): 438  
Holotype: Navajas, 20 mi. E. El Salto, Dgo. 8000' MEX. VI.17.71 H. Howden, ex Gopher burrow/Holotype Aphodius symbius Gordon & Howden/Holotype CNC No. 13669  
Allotype: 5 mi. W. Durango, Dgo. MEX VI.23.1964 H. F. Howden/♀/Allotype Aphodius symbius Gordon & Howden/Allotype CNC No. 13669
- Bdelyropsis newtoni* H. Howden, 1971, Can. Ent. 103(10): 1465  
Paratypes, 4: Chis., MEX., CNC No. 12826
- Calypsoryctes dynastoides* H. Howden, 1970, Can. Ent. 102(1): 11  
Holotype: JAMAICA, Mandeville, Manchester Parish, July 1-31, 1959 R. Physick/Holotype CNC No. 10783  
Calypsoryctes dynastoides H. Howden  
Allotype: Same data as Holotype except Apr. 25, 1959
- Cloeotus farri* H. Howden, 1970, Can. Ent. 102(1): 2  
Holotype: Jamaica, B.W.I., Manchester, Christiana/11 June 1959 T. H. Farr/Holotype CNC No. 10780  
Cloeotus farri H. Howden  
Paratypes, 2: Jamaica
- C. pecki* H. Howden, 1970, Can. Ent. 102(1): 4  
Holotype: ♂/B.W.I., Jamaica. St. Elizabeth, Quickstep/2.VIII.1949 C. B. Lewis/Holotype CNC No. 10781  
Cloeotus pecki H. Howden
- Coenonycha rufobrunnae* H. Howden, 1969, Coleopt. Bull. 23(2): 55  
Paratypes, 2: Baja Calif., MEX., CNC No. 10546
- Cryptocanthon brevisetosus* H. Howden, 1973, Can. J. Zool. 51(1): 42  
Holotype: MEX., 8 mi. S. Simojovel, Chis. VI.10.1969 J. M. Campbell/Berlese sample #23/Holotype Cryptocanthon brevisetosus H. F. Howden/Holotype CNC No. 13686  
Allotype: MEX., 8 mi. S. Simojovel, Chis. VII.5.1969 Bright & Campbell/Allotype Cryptocanthon brevisetosus H. F. Howden/Allotype CNC No. 13686  
Paratypes, 7: Chis., MEX.
- C. campbellorum* H. Howden, 1973, Can. J. Zool. 51(1): 44  
Holotype: BRAZIL, 30 km. SW Brasilia, DF, III.6.1970, 1000 m., J. M. & B. A. Campbell/Holotype Cryptocanthon campbellorum H. F. Howden/Holotype CNC No. 13684
- C. humidus* H. Howden, 1973, Can. J. Zool. 51(1): 46  
Paratype, 1: Colombia, CNC No. 13682
- C. lobatus* H. Howden, 1973, Can. J. Zool. 51(1): 41  
Paratypes, 2: Ver., MEX., CNC No. 13687

- C. nebulinus* H. Howden, 1973, Can. J. Zool. 51(1): 45  
Paratypes, 3: Venezuela, CNC No. 13683
- C. parvus* H. Howden, 1973, Can. J. Zool. 51(1): 44  
Paratype, 1: Colombia, CNC No. 13685
- Epiphileurus jamaicensis* H. Howden, 1970, Can. Ent. 102(1): 13  
Holotype: B.W.I., Jamaica, St. Thomas, 1½-2 mi. S.W. of Ecclesdown/14 Jan. 1955 M. L. Farr/Holotype CNC No. 10785 *Epiphileurus jamaicensis* H. Howden
- Glaresis dakotensis* Gordon, 1970, Trans. Am. ent. Soc. 96(4): 503  
Holotype: Hot Springs, S.D. VII.6.1961 H. & A. Howden/Taken at light/Holotype *Glaresis dakotensis* Gordon/Holotype CNC No. 11855
- G. howdeni* Gordon, 1970, Trans. Am. ent. Soc. 96(4): 504  
Holotype: 5800' Alta Sierra, Kern Co. Cal. VI.14.1961. H. Howden, with light/Holotype *Glaresis howdeni* Robert Gordon/Holotype CNC No. 11854
- G. texana* Gordon, 1970, Trans. Am. ent. Soc. 96(4): 506  
Holotype: Del Rio TEXAS, Apr. 25-26, 1959 Becker & Howden/nite beating/Holotype *Glaresis texana* Gordon/Holotype CNC No. 11853  
Allotype: Same data as Holotype except "Taken at light"  
Paratypes, 30: Tex.
- Onthophagus bornemisszai* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 289  
Paratypes, 3: Australia, CNC No. 13642
- O. bornemisszanus* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 90  
Paratypes, 2: Australia, CNC No. 13663
- O. brunamin* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 294  
Paratypes, 3: Australia, CNC No. 13641
- O. chepara* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 42  
Paratypes, 9: Australia, CNC No. 13665
- O. dandalu* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 166  
Paratypes, 2: Australia, CNC No. 13658
- O. endota* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 173  
Paratypes, 2: Australia, CNC No. 13657
- O. gangulu* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 201  
Paratypes, 3: Australia, CNC No. 13656
- O. jalamari* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 74  
Paratypes, 2: Australia, CNC No. 13664
- O. jangga* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 239  
Paratypes, 3: Australia, CNC No. 13652
- O. manya* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 260  
Paratype, 1: Australia, CNC No. 13646
- O. millamilla* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 251  
Paratype, 1: Australia, CNC No. 13650
- O. mundill* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 119  
Paratypes, 2: Australia, CNC No. 13661
- O. nurubuan* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 146  
Paratypes, 3: Australia, CNC No. 13660
- O. ouratita* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 114  
Paratypes, 2: Australia, CNC No. 13662
- O. paluma* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 150  
Paratypes, 2: Australia, CNC No. 13659
- O. parrumbal* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 259  
Paratype, 1: Australia, CNC No. 13647
- O. subcancer* H. Howden, 1973, Proc. ent. Soc. Wash. 75(3): 335  
Paratypes, 2: Oax., MEX., CNC No. 13691
- O. togeman* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 235  
Paratypes, 2: Australia, CNC No. 13653
- O. tuckonie* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 263  
Paratypes, 2: Australia, CNC No. 13645
- O. turrbal* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 252  
Paratypes, 2: Australia, CNC No. 13649
- O. wagamen* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 232  
Paratype, 1: Australia, CNC No. 13654
- O. wakelbura* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 204  
Paratypes, 2: Australia, CNC No. 13655
- O. waminda* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 258  
Paratypes, 2: Australia, CNC No. 13648
- O. wilgi* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 264  
Paratypes, 2: Australia, CNC No. 13644
- O. yeyeko* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 275  
Paratypes, 2: Australia, CNC No. 13643
- O. yungaburra* E. Matthews, 1972, Aust. J. Zool. suppl. ser. 9: 243  
Paratypes, 2: Australia, CNC No. 13651
- Paragnorimus sambucus* H. Howden, 1970, Can. Ent. 102(11): 1385

- Holotype: 3 mi. N.W. San Cristobal L.C., Chis., Mex. V.31.1969 H. F. Howden/Holotype CNC No. 11039 Paragnorimus sambucus H. Howden  
 Allotype: Same data as Holotype except V.28.1969  
 Paratypes, 5: Chis., MEX.  
*Pseudocotalpa andrewsi* Hardy, 1971, Pan-Pacif. Ent. 47(3): 238  
 Paratypes, 2: Calif., CNC No. 12586  
*Rhyparus zayasi* Cartwright & Woodruff, 1969, Smithson. Contr. Zool. 21: 7  
 Paratypes, 15: Cuba; Jamaica, CNC No. 11466  
*Scarabatermes amazonensis* H. Howden, 1973, Can. Ent. 105(1): 32  
 Paratypes, 3: Colombia, CNC No. 13692  
*Stenocrates beckeri* H. Howden, 1970, Can. Ent. 102(1): 9  
 Holotype: JAMAICA, Try. Good Hope VIII.II.1966 A. T. Howden/Holotype CNC No. 10784 *Stenocrates beckeri* H. Howden

## SCOLYTIDAE

- Amphicranus quercus* Wood, 1967, Gt Basin Nat. 27(1): 53  
 Paratypes, 2: Dgo., MEX., CNC No. 13133  
*A. spinatus* Bright, 1972, Can. Ent. 104(9): 1383  
 Holotype: MEX., Oax. 32 mi. S. Valle Nacional 7000' V.21.71, Bright/Holotype Amphicranus spinatus D. E. Bright '72 CNC No. 12655  
 Allotype: Same data as Holotype  
 Paratypes, 14: Oax., Chis., MEX.  
*Bothrosternus isolatus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 28  
 Holotype: JAMAICA, St. And. Clydesdale VII.18.1966 H. & A. Howden/Slide No. 106/Holotype Bothrosternus isolatus Bright CNC No. 11476/Bothrosternus isolatus Bright D. E. Bright 1968  
*Breviophthorus celatus* Schedl, 1967, Opusc. zool., Munch. 99: 9  
 Paratype, 1: Brazil, CNC No. 12173  
*Carphoborus mexicanus* Bright, 1972, Can. Ent. 104(10): 1491  
 Holotype: MEX., Dgo. 9 mi. E. El Palmito, 7500' VI.15.71/Pinus lumholtzii/D. E. Bright collector/Holotype Carphoborus mexicanus D. E. Bright CNC No. 12605  
 Allotype: Same data as Holotype  
 Paratypes, 2: Same data as Holotype  
*Chaetophloeus alni* Bright, 1972, Can. Ent. 104(10): 1492  
 Holotype: MEX., Oax. Hwy. 131, 115 mi. S. Oaxaca 6000' V.27-30.71/Alnus sp./D. E. Bright collector/Holotype Chaetophloeus alni D. E. Bright CNC No. 12606  
 Allotype: Same data as Holotype  
 Paratypes, 8: Same data as Holotype  
 [*Carphoterus alni* (Bright)]  
*C. howdeni* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 36  
 Holotype: JAMAICA, Try. Barbecue Bottom VIII.10.1966 H. F. Howden/  
 Holotype Chaetophloeus howdeni Bright CNC No. 11477  
 Allotype: Same data as Holotype  
 Paratypes, 9: Jamaica  
*C. struthanthi* Wood, 1967, Gt Basin Nat. 27(2): 96  
 Paratypes, 2: Jal., MEX., CNC No. 13117  
*Chramesus brevisetosus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 40  
 Holotype: JAMAICA, St. Thomas Whitfield Hall VII.28.1966 A. T. Howden/Holotype Chramesus brevisetosus Bright CNC No. 11478  
 Allotype: Same data as Holotype  
*C. ingens* Wood, 1969, Brigham Young Univ. Sci. Bull. Biol. Ser. 10(2): 3  
 Paratypes, 2: Costa Rica, CNC No. 13115  
*C. unicornis* Wood, 1969, Brigham Young Univ. Sci. Bull. Biol. Ser. 10(2): 4  
 Paratypes, 2: Nay., MEX., CNC No. 13116  
*Cladoctonus brevisetosus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 46  
 Holotype: JAMAICA, Try. Duncans VIII.8.1966 Howden & Becker/Slide No. 54/Holotype Cladoctonus brevisetosus Bright CNC No. 11479  
*Cnesinus annectens* Wood, 1967, Gt Basin Nat. 27(2): 86  
 Paratypes, 2: Honduras, CNC No. 13113  
*C. elegantis* Wood, 1967, Gt Basin Nat. 27(2): 79  
 Paratypes, 2: Guatemala, CNC No. 13114  
*C. theocallus* Bright, 1972, Can. Ent. 104(10): 1493  
 Holotype: MEX., Oax. 15 mi. S. Valle Nacional 4000' V.20.71, Bright/Holotype Cnesinus theocallus D. E. Bright CNC No. 12607  
 Allotype: Same data as Holotype  
 Paratypes, 2: Same data as holotype  
*C. zapotecus* Bright, 1972, Can. Ent. 104(10): 1493  
 Holotype: MEX., Oax. Hwy. 175, 3 mi. N.

- Suchixtepec 9500' VI.4.71/Arbutus sp./D. E. Bright collr/Holotype *Cnesinus zapotecus* D. E. Bright CNC No. 12608  
Allotype: Same data as Holotype  
Paratypes, 29: Same data as Holotype  
[*Cnesinus elegantis* Wood]
- Coccotrypes strigicollis* Schedl, 1972, Mitt. schweiz. ent. Ges. 45(1-3): 224  
Paratypes, 3: Ceylon, CNC No. 13746
- Conophthorus banksianae* McPherson, 1970, Can. Ent. 102(8): 1020  
Paratypes, 7: Mich., CNC No. 11925
- Corthylocurus cincinnatus* Bright, 1972, Can. Ent. 104(9): 1379  
Holotype: MEX., 13 mi. N. Ocozocoaulta, Chis. VII-2-1969 D. E. Bright/Holotype *Corthylocurus cincinnatus* D. E. Bright '72 CNC No. 12649  
Allotype: Same data as Holotype  
Paratypes, 4: Same data as Holotype  
[*Corthylocurus barbatus* (Blandford)]
- Corthylyus anomalus* Bright, 1972, Can. Ent. 104(9): 1378  
Holotype: MEX., Oax. Hwy. 175, 3.5 mi. S. Suchixtepec 8000' VI.2.71/Arbutus sp./Holotype *Corthylyus anomalus* D. E. Bright '72 CNC No. 12648  
Allotype: MEX., Oax. Hwy. 131, 184 km. S. Oaxaca 6300' V.12.71/D. E. Bright Collr/Allotype *Corthylyus anomalus* Bri. CNC No. 12648  
Paratypes, 10: Oax., Chis., MEX.  
[*Corthylocurus mexicanus* (Schedl)]
- C. aztecus* Bright, 1972, Can. Ent. 104(9): 1374  
Holotype: MEX., Oax. Hwy. 175, 3.5 mi. S. Suchixtepec, 8000' VI.2.71/D. E. Bright collector/Holotype *Corthylyus aztecus* D. E. Bright '72 CNC No. 12644  
Allotype: Same data as Holotype  
Paratypes, 15: Chis., Oax., MEX.
- C. concavus* Bright, 1972, Can. Ent. 104(9): 1376  
Holotype: MEX., Oax. 15 mi. S. Valle Nacional, 4000' V.20.71, Bright/Holotype *Corthylyus concavus* D. E. Bright '72 CNC No. 12647  
Allotype: Same data as Holotype
- C. curiosus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 104  
Holotype: JAMAICA, 4000' Hardwar Gap VII.II.1966 Howden & Becker/Holotype *Corthylyus curiosus* D. E. Bright CNC No. 11497  
Paratypes, 3: JAMAICA
- C. glabinus* Bright, 1972, Can. Ent. 104(9): 1372  
Holotype: MEX., Hwy. 24, 9 mi. S. E. Teopisca, Chis. V-24-1969 D. E. Bright/Holotype *Corthylyus glabinus* D. E. Bright '72 CNC No. 12642  
Allotype: Same data as holotype except V-30-1969  
Paratypes, 59: Oax., Chis., MEX.  
[*Corthylyus mexicanus* Schedl]
- C. minutus* Bright, 1972, Can. Ent. 104(9): 1373  
Holotype: MEX., Lagos des Colores, Chis. V.17.1969 D. E. Bright/Quercus sp./Holotype *Corthylyus minutus* D. E. Bright '72 CNC No. 12643  
Allotype: Same data as Holotype  
Paratype, 1: Same data as Holotype
- C. nudipennis* Schedl, 1950, Dusenya 1(3): 155  
Syntype, 1: Brazil, CNC No. 9415
- C. pisinnus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 103  
Holotype: JAMAICA, St. Thomas, Penlyne Castle VII.20.1966/Howden & Becker collrs/Holotype *Corthylyus pisinnus* D. E. Bright CNC No. 11496
- C. procerus* Bright, 1972, Can. Ent. 104(9): 1376  
Holotype: MEX., Oax. 6 mi. S. Valle Nacional, 2000' V.18.71, Bright/Holotype *Corthylyus procerus* D. E. Bright '72 CNC No. 12646  
Allotype: Same data as Holotype  
Paratypes, 8: Same data as Holotype
- C. reburrus* Bright, 1972, Can. Ent. 104(9): 1375  
Holotype: MEX., Palenque Ruins, Chis. VI-22-1969 D. E. Bright/Holotype *Corthylyus reburrus* D. E. Bright '72 CNC No. 12645  
Allotype: Same data as Holotype  
Paratypes, 4: Same data as Holotype
- C. splendidus* Wood, 1967, Gt Basin Nat. 27(3): 138  
Paratypes, 2: Costa Rica, CNC No. 13134
- C. splendidus* Bright, 1972, Can. Ent. 104(9): 1371  
Holotype: MEX., Oax. Hwy. 175, 3.5 mi. S. Suchixtepec, 8000' VI.2.71/Alnus sp./Holotype *Corthylyus splendidus* D. E. Bright '72 CNC No. 12641  
Allotype: Same data as Holotype  
Paratypes, 36: Oax., Chis., MEX.
- C. villus* Bright, 1972, Can. Ent. 104(9): 1371  
Holotype: MEX., Yerba Buena, 20 mi. N. Bochil, Chis. V.21.1969 D. E. Bright, 7000'/Holotype *Corthylyus villus* D. E. Bright '72 CNC No. 12640  
Allotype: Same data as Holotype

- Paratypes, 21: Chis., MEX.  
*Cryphalus garciniae* Nobuchi, 1959, Bull. Govt. Forest Exp. Stn 116: 24  
 Syntype, 1: Japan, CNC No. 11633  
*C. kyotoensis* Nobuchi, 1966, Bull. Govt Forest Exp. Stn 185: 53  
 Paratype, 1: Japan, CNC No. 11631  
*C. montanus* Nobuchi, 1964, Bull. Govt Forest Exp. Stn 171: 129  
 Paratype, 1: Japan, CNC No. 11632  
*Dendroctonus rhizophagus* Thomas & Bright, 1970, Can. Ent. 102(4): 479  
 Holotype: 10 mi. S.W. El Salto, Dgo. Mex. 8000' VIII.7.64 J. B. Thomas 688/Pinus durangensis/Holotype CNC No. 10776  
*Dendroctonus rhizophagus* Thomas & Bright  
 Allotype: 10 mi. S. W. El Salto Dgo. MEX. 8000' 6.VI.1964 J. B. Thomas/Pinus durangensis Martinez/Dendroctonus Lec. 235 det. Thomas, 1965/Allotype Dendroctonus rhizophagus Thomas & Bright CNC No. 10776  
 Paratypes, 229: Dgo., Chih., MEX.  
*Ernoporus japonicus* Nobuchi, 1966, Bull. Govt. Forest Exp. Stn 185: 52  
 Paratype, 1: Japan, CNC No. 11634  
*Hypothenemus comosus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 50  
 Holotype: JAMAICA, St. And. Clydesdale VII.18.1966 H. & A. Howden/Holotype Hypothenemus comosus D. E. Bright/Holotype CNC No. 11480  
*Hylurgops reticulatus* Wood, 1971, Gt Basin Nat. 31(2): 71  
 Paratypes, 20: B.C., CNC No. 12578  
*Ips hoppingi* Lanier, 1970, Can. Ent. 102(9): 1145  
 Holotype: Ariz. Cochise Co. 20 mi. S. Chiricahua Nat. Mon. IX.23.68 G. N. Lanier/Pinus cembroides/Ips hoppingi G. N. Lanier X.69 Holotype/Holotype CNC No. 11044  
 Allotype: Same data as Holotype  
 Paratypes, 30: Ariz., Tex.; Chih., MEX.  
*I. paraconfusus* Lanier, 1970, Can. Ent. 102(9): 1146  
 Holotype: Calif. Calaveras Co. Avery 1.1966 G. N. Lanier/Pinus ponderosa/Ips paraconfusus G. N. Lanier X.1969 Holotype/Holotype CNC No. 11045  
 Allotype: Same data as Holotype  
 Paratypes, 20: Same data as Holotype  
*I. plastographus maritimus* Lanier, 1970, Can. Ent. 102(11): 1417  
 Holotype: Calif. Santa Cruz Co. Rio del Mar. II-1969 Pinus radiata G. N. Lanier collr/Holotype Ips plastographus maritimus G. N. Lanier 1969/Holotype CNC No. 11550  
 Allotype: Same data as Holotype  
 Paratypes, 30: Calif.  
*Mimips bidens* Wood, 1971, Brigham Young Univ. Sci. Bull. Biol. Ser. 15(3): 41  
 Paratypes, 2: Colombia, CNC No. 13122  
 [*Acanthotomicus bidentis* Wood]  
*Monarthrum bifidus* Bright, 1972, Can. Ent. 104(9): 1381  
 Holotype: MEX. 8 mi. E. San Cristobal, Chis. VI.6.1969 D. E. Bright/Quercus sp./Holotype Monarthrum bifidus D. E. Bright '72 CNC No. 12652  
 Allotype: Same data as Holotype  
 Paratypes, 36: Chis., MEX., CNC No. 12652  
 [*Monarthrum querneus* Wood]  
*M. granulatum* Bright, 1972, Can. Ent. 104(9): 1382  
 Holotype: MEX., Oax. 15 mi. S. Valle Nacional 4000' V.20.71, Bright/Holotype CNC No. 12653 Monarthrum granulatum D. E. Bright '72  
 Allotype: Same data as Holotype  
 Paratypes, 23: Same data as Holotype  
*M. oaxacaensis* Bright, 1972, Can. Ent. 104(9): 1382  
 Holotype: MEX., Oax. 32 mi. S. Valle Nacional, 7000' V.21.71, Bright/Holotype Monarthrum oaxacaensis D. E. Bright '72 CNC No. 12654  
 Allotype: Same data as Holotype  
 Paratypes, 23: Oax., MEX., CNC No. 12654  
*M. querneum* Wood, 1967, Gt Basin Nat. 27(1): 50  
 Paratypes, 2: Mich, MEX., CNC No. 13132  
*Neodryocoetes decorus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 96  
 Holotype: JAMAICA, Try. Good Hope VIII.17.1966 H. F. Howden/Holotype Neodryocoetes decorus D. E. Bright CNC No. 11493  
 Allotype: Same data as Holotype except VIII.11.1966  
 [*Araptus decorus* (Bright)]  
*N. granulipennis* Schedl, 1967, Opusc. zool. 99: 12  
 Paratype, 1: Brazil, CNC No. 12174  
 [*Araptus granulipennis* (Schedl)]  
*N. leptus* Bright, 1972, Can. Ent. 104(11): 1666  
 Holotype: MEX. Ejipantla, 5 mi. S. San Andres Tuxtla, V.C., V.5.1969 D. E. Bright/Unknown vine/Holotype Neod-

- ryocoetes leptus D. E. Bright CNC No. 12624  
Allotype: Same data as Holotype  
Paratypes, 10: Same data as Holotype  
[*Araptus leptus* (Bright)]
- N. macer* Bright, 1972, Can. Ent. 104(11): 1666  
Holotype: MEX. Ejipantla, 5 mi. S. San Andres Tuxtla, V.C., V.5.1969 D. E. Bright/Unknown vine/Holotype Neodryocoetes macer D. E. Bright CNC No. 12623  
Allotype: Same data as Holotype  
Paratypes, 6: Same data as Holotype  
[*Araptus macer* (Bright)]
- N. montanus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 93  
Holotype: JAMAICA, 4000' Hardwar Gap VII.19.1966 Howden & Becker/Holotype Neodryocoetes montanus D. E. Bright CNC No. 11492  
Paratypes, 5: Same data as Holotype except VII.29.1966  
[*Araptus montanus* (Bright)]
- N. niger* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 93  
Holotype: JAMAICA, 4000' Hardwar Gap VII.2.1966 Howden & Becker/Holotype Neodryocoetes niger D. E. Bright CNC No. 11491  
Paratype, 1: Same data as Holotype  
[*Araptus niger* (Bright)]
- N. nitidulus* Schedl, 1967, Opusc. zool. 99: 11  
Paratype, 1: Brazil, CNC No. 12175  
[*Araptus nitidulus* (Schedl)]
- N. tuberculatus* Bright, 1972, Can. Ent. 104(11): 1665  
Holotype: MEX. Lake Catemaco, V.C. VI.16-20.1969, D. E. Bright/Holotype Neodryocoetes tuberculatus D. E. Bright CNC No. 12622  
Allotype: Same data as Holotype  
Paratypes, 35: Same data as Holotype  
[*Araptus macer* (Bright)]
- N. vinealis* Bright, 1972, Can. Ent. 104(11): 1667  
Holotype: MEX. Ejipantla, 5 mi. S. San Andres Tuxtla, V.C., V.5.1969 D. E. Bright/Unknown vine/Holotype Neodryocoetes vinealis D. E. Bright CNC No. 12625  
Paratypes, 2: Same data as Holotype  
[*Araptus tobogae* (Blackman)]
- Phelloterus anaxeus* Wood, 1971, Brigham Young Univ. Sci. Bull. Biol. Ser. 15(3): 47  
Paratypes, 2: Colombia, CNC No. 13126
- Phloeotribus mixtecus* Bright, 1972, Can. Ent. 104(10): 1494  
Holotype: MEX., Oax. Hwy. 131, 115 mi. S. Oaxaca 6000' V.27-30.71/D. E. Bright collr/Holotype Phloeotribus mixtecus D. E. Bright CNC No. 12609  
Allotype: Same data as Holotype  
Paratypes, 61: Same data as Holotype  
[*Phloeotribus armatus* Blandford]
- Pityoborus immitus* Bright, 1972, Can. Ent. 104(11): 1674  
Holotype: MEX., Dgo. 68 km. W. Durango, 8000' VI.18.71/Pinus engelmanni/D. E. Bright collr/Holotype Pityoborus D. E. Bright CNC No. 12635  
Allotype: Same data as Holotype  
Paratypes, 19: Dgo., MEX.  
[*Pityoborus secundus* Blackman]
- P. ramosus* Bright, 1972, Can. Ent. 104(11): 1677  
Holotype: MEX., Oax. Hwy. 175, 3.5 mi. S. Suchixtepec, 8000' VI.2.71/D. E. Bright collr/Pinus lawsonii/Holotype Pityoborus ramosus D. E. Bright CNC No. 12637  
Allotype: Same data as Holotype  
Paratypes, 7: Same data as Holotype  
[*Pityoborus secundus* Blackman]
- P. severus* Bright, 1972, Can. Ent. 104(11): 1676  
Holotype: MEX., Oax. Hwy. 175, 3.5 mi. N. Suchixtepec 9500' VI.4.71/Pinus oocarpa/D. E. Bright collector/Holotype Pityoborus severus D. E. Bright CNC No. 12636  
Allotype: Same data as Holotype  
Paratypes, 33: Oax., MEX.  
[*Pityoborus frontalis* Wood]
- Pityophthorus abnormalis* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 88  
Holotype: JAMAICA, Try. Duncans VIII.15.1966 Howden & Becker/Holotype Pityophthorus abnormalis D. E. Bright CNC No. 11488  
Allotype: Same data as Holotype except VIII.13.1966  
Paratypes, 192: Same data as Holotype except some were collected 13, 14, 15 & 16. VIII.1966.
- P. atomus* Wood, 1964, Gt Basin Nat. 24(2): 61  
Paratype, 1: V.C., MEX., CNC No. 12582
- P. borrichiae* Wood, 1964, Gt Basin Nat. 24(2): 60  
Paratypes, 2: Fla., CNC No. 12584
- P. diversus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 87

- Holotype: Cornwall Mt. W.N. 18.VIII.66  
Jamaica H. F. Howden/Holotype  
*Pityophthorus diversus* D. E. Bright CNC  
No. 11487  
Allotype: Same data as Holotype  
Paratype, 1: Same data as Holotype
- P. formosus* Bright, 1972, Bull. Inst. Jamaica  
Sci. Ser. 21: 88  
Holotype: JAMAICA, Try. Barbecue Bot-  
tom VIII.10.1966 H. F. Howden/Holo-  
type *Pityophthorus formosus* D. E. Bright  
CNC No. 11489  
Paratypes, 3: Same data as Holotype
- P. inyoensis* Bright, 1971, Pan-Pacif. Ent.  
47(1): 65  
Holotype: 1 mi. S. Onion Val. Inyo Co.  
Calif. IX.4.1968 D. E. Bright/*Pinus*  
*balfouriana*/Holotype *Pityophthorus in-*  
*yoensis* D. E. Bright CNC No. 10964  
Allotype: Onion Valley, Inyo Co. Calif.  
IX.4.1968 D. E. Bright/*Pinus balfouria-*  
*na*/Allotype *Pityophthorus inyoensis*  
D. E. Bright CNC No. 10964  
Paratypes, 29: 11 with same data as  
Holotype, 18 with same data as Allotype
- P. limatus* Wood, 1964, Gt Basin Nat. 24(2):  
65  
Paratypes, 2: Utah, CNC No. 12585
- P. nanus* Wood, 1964, Gt Basin Nat. 24(2): 64  
Paratype, 1: Oax., MEX., CNC No. 12581
- P. paulus* Wood, 1964, Gt Basin Nat. 24(2):  
63  
Paratype, 1: Hdlg., MEX., CNC No. 12580
- P. pusillus* Wood, 1964, Gt Basin Nat. 24(2):  
62  
Paratypes, 2: Hdlg., MEX., CNC No.  
12579
- P. sierraensis* Bright, 1971, Pan-Pacif. Ent.  
47(1): 64  
Holotype: 1 mi. S. Onion Val. Inyo Co.  
Calif. IX.4.1968 D. E. Bright/*Pinus*  
*balfouriana*/Holotype *Pityophthorus sier-*  
*raensis* D. E. Bright CNC No. 10777  
Allotype: Same data as Holotype  
Paratypes, 44: Calif.
- P. suspiciosus* Bright, 1972, Bull. Inst.  
Jamaica Sci. Ser. 21: 89  
Holotype: JAMAICA, 7400' Blue Mt. Peak  
VII.27-28.1966 Howden & Becker/  
Holotype *Pityophthorus suspiciosus* D. E.  
Bright CNC No. 11490  
Allotype: Same data as Holotype  
Paratypes, 3: Same data as Holotype
- P. toralis* Wood, 1964, Gt Basin Nat. 24(2):  
59  
Paratypes, 2: Utah, CNC No. 12583
- Pityotrichus hesperius* Bright, 1971, Pan-  
Pacif. Ent. 47(1): 69  
Holotype: Pinaleno Mtns. Graham Co. Ariz.  
VII.15.1968. D. E. Bright/*Pinus*  
*strobiformis*/Holotype *Pityotrichus hes-*  
*perius* D. E. Bright CNC No. 11445  
Allotype: Same data as Holotype  
Paratypes, 23: Ariz., N. Mex.
- Prochramesus editus* Bright, 1972, Can. Ent.  
104(10): 1495  
Holotype: MEX., Oax. 20.5 km. N. Oax-  
aca, 9000' V.31.71, Bright/Holotype  
*Prochramesus editus* D. E. Bright CNC  
No. 12610  
Allotype: Same data as Holotype  
Paratypes, 35: Oax., Dgo., MEX.
- Prognathotrichus primus* Bright, 1972, Can.  
Ent. 104(11): 1678  
Holotype: MEX. 9500', Mt. Tzontehuitz,  
Chis. V.26.1969 D. E. Bright/Holotype  
*Prognathotrichus primus* D. E. Bright  
CNC No. 12638  
Allotype: Same data as Holotype  
Paratypes, 24: Same data as Holotype  
[*Gnathotrichus primus* (Bright)]
- Pseudohylesinus brasiliensis* Schedl, 1951,  
Dusenja 2(2): 95  
Syntype, 1: Brazil, CNC No. 9404  
[*Xylechinosoma brasiliensis* (Schedl)]
- P. yasumatsui* Nobuchi, 1971, Bull. Govt  
Forest Exp. Stn 238: 160  
Paratypes, 2: Japan, CNC No. 12577
- Pseudopityophthorus acuminatus* Bright,  
1972, Can. Ent. 104(11): 1671  
Holotype: MEX. 8 mi. N.E. San Cristobal  
Chis. V.15.69 D. E. Bright/*Quercus*  
sp./Holotype CNC No. 12630 *Pseudo-*  
*pityophthorus acuminatus* Bright  
Allotype: Same data as Holotype  
Paratypes, 14: Same data as Holotype  
[*Pseudopityophthorus singularis* Wood]
- P. aesculinus* Bright, 1972, Can. Ent. 104(11):  
1672  
Holotype: MEX., Oax. 70 mi. N. Oaxaca,  
8600' V.18.71, Bright/*Quercus*  
sp./Holotype CNC No. 12631  
*Pseudopityophthorus aesculinus* D. E.  
Bright  
Allotype: Same data as Holotype  
Paratypes, 44: Oax., MEX.  
[*Pseudopityophthorus opacicollis*  
Blackman]
- P. comosus* Bright 1972, Can. Ent. 104(11):  
1670  
Holotype: MEX., Oax. Hwy 131, 178 km.  
S. Oaxaca 7500' V.11.71/*Quercus* sp./  
D. E. Bright collr/Holotype CNC No.  
12629 *Pseudopityophthorus comosus*  
D. E. Bright



- Allotype: Same data as Holotype  
Paratypes, 48: Oax., MEX.
- P. convexus* Bright, 1972, Can. Ent. 104(11): 1672  
Holotype: MEX., Oax. Hwy 131, 115 mi. S. Oaxaca 6000' V.27-30.71/D. E. Bright collr/Quercus sp./Holotype CNC No. 12632 *Pseudopityophthorus convexus* D. E. Bright  
Allotype: Same data as Holotype  
Paratypes, 8: Same data as Holotype  
[*Pseudopityophthorus pruinosus* (Eichhoff)]
- P. curtus* Bright, 1972, Can. Ent. 104(11): 1674  
Holotype: MEX. 8 mi. N. Ocosingo, Chis. VI.2.1969 D. E. Bright/Quercus sp./Holotype *Pseudopityophthorus curtus* Bright CNC No. 12634  
Paratypes, 4: Same data as Holotype  
[*Pseudopityophthorus declivis* Wood]
- P. hirsutus* Bright, 1972, Can. Ent. 104(11): 1668  
Holotype: MEX. 5 mi. S.E. Teopisca, Chis. VII.9.1969 D. E. Bright/Quercus sp./Holotype CNC No. 12627 *Pseudopityophthorus hirsutus* Bright  
Allotype: Same data as Holotype  
Paratypes, 6: Same data as Holotype  
[*Pseudopityophthorus tenius* Wood]
- P. montanus* Bright, 1972, Can. Ent. 104(11): 1667  
Holotype: MEX. 9500', Mt. Tzontehuitz, Chis. VI.12.1969 D. E. Bright/Quercus sp./Holotype CNC No. 12626 *Pseudopityophthorus montanus*  
Allotype: Same data as Holotype  
Paratypes, 19: Same data as Holotype  
[*Pseudopityophthorus hondurensis* Wood]
- P. squamosus* Bright, 1972, Can. Ent. 104(11): 1670  
Holotype: 9 mi. W. La Ciudad Dgo. MEX. 9000' 11 June 1964 L. A. Kelton/Holotype CNC No. 12628 *Pseudopityophthorus squamosus* Bright  
Paratypes, 7: Dgo., Sin., MEX.  
[*Pseudopityophthorus micans* Wood]
- P. tropicalis* Wood, 1967, Gt Basin Nat. 27(1): 43  
Paratypes, 2: Honduras, CNC No. 13130
- P. truncatus* Bright, 1972, Can. Ent. 104(11): 1673  
Holotype: MEX., Oax. Hwy. 131, 184 km. S. Oaxaca 6300' V.12.71/White pine/D. E. Bright Collr/Holotype *Pseudopityophthorus truncatus* Bright CNC No. 12633  
Paratypes, 34: Oax, Chis., MEX.  
[*Pseudopityophthorus declivis* Wood]  
*Pseudothysanoes frondicolens* Wood, 1971, Gt Basin Nat. 31(2): 73  
Paratypes, 2: Ariz., CNC No. 13120  
*Pycnarthrum fici* Wood, 1971, Brigham Young Univ. Sci. Bull. Biol. Ser. 15(3): 11  
Paratypes, 2: Venezuela, CNC No. 13118  
*Sampsonius reticulatus* Bright, 1972, Can. Ent. 104(9): 1369  
Holotype: MEX. Dos Amates V.C., V.5.1969 D. E. Bright/Holotype *Sampsonius reticulatus* D. E. Bright '72 CNC No. 12639  
Paratypes, 8: Same data as Holotype  
*Scolytodes ommateus* Wood, 1971, Brigham Young Univ. Sci. Bull. Biol. Ser. 15(3): 15  
Paratypes, 2: Colombia, CNC No. 13119  
*Scolytus silvaticus* Bright, 1972, Can. Ent. 104(10): 1489  
Holotype: MEX., N.L. Cerro Potosi V.3.71, 11000' D. E. Bright/*Pseudotsuga menziesii*/Holotype *Scolytus silvaticus* D. E. Bright CNC No. 12603  
Allotype: Same data as Holotype  
Paratypes, 2: Same data as Holotype  
*S. virgatus* Bright, 1972, Can. Ent. 104(10): 1490  
Holotype: MEX., N.L. Cerro Potosi, V.2.71, 8500' D. E. Bright/*Pseudotsuga menziesii*/Holotype *Scolytus virgatus* D. E. Bright CNC No. 12604  
Allotype: Same data as Holotype  
Paratypes, 4: Same data as Holotype  
*Stegomerus mexicanus* Wood, 1967, Gt Basin Nat. 27(3): 133  
Paratypes, 2: Mich., MEX., CNC No. 13121  
*Tricolus cordatus* Bright, 1972, Can. Ent. 104(9): 1380  
Holotype: MEX., Oax. Hwy 131, 184 km. S. Oaxaca 6300' V.12.71/D. E. Bright collector/Holotype *Tricolus cordatus* D. E. Bright '72 CNC No. 12651  
Allotype: Same data as Holotype  
Paratype, 1: Oax., MEX.  
*T. difodinus* Bright, 1972, Can. Ent. 104(9): 1380  
Holotype: MEX. 13 mi. N. Ocozacoaulta, Chis. VII.2.1969 D. E. Bright/Holotype *Tricolus difodinus* D. E. Bright '72 CNC No. 12650  
Allotype: Same data as Holotype  
Paratypes, 3: Chis., MEX.  
*T. ignotus* Bright 1972, Bull. Inst. Jamaica Sci. Ser. 21: 99

- Holotype: JAMAICA, 4000' Hardwar Gap VII.19.1966 Howden & Becker/Holotype Tricolus ignotus D. E. Bright CNC No. 11495  
Allotype: Same data as Holotype except VII.11.1966  
Paratypes, 2: Same data as Holotype except VII.18.1966  
[*Tricolus perditigens* Schedl]
- T. *unidentatus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 98  
Holotype: JAMAICA, Try. Barbecue Bottom VIII.12.1966 H. F. Howden/Holotype Tricolus unidentatus D. E. Bright CNC No. 11494
- Xyleborus beckeri* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 84  
Holotype: JAMAICA, 4000' Hardwar Gap VII.6.1966 Howden & Becker/Holotype Xyleborus beckeri D. E. Bright CNC No. 11547  
Paratypes, 23: Jamaica
- X. *bicornatulus* Wood, 1967, Gt Basin Nat. 27(3): 137  
Paratypes, 2: Costa Rica, CNC No. 13125
- X. *insolitus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 77  
Holotype: JAMAICA, St. And. Irish Town VIII.24.1966 Howden & Becker/Holotype Xyleborus insolitus D. E. Bright CNC No. 11483  
[*Xyleborus andrewesi* Blandford]
- X. *jamaicensis* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 79  
Holotype: JAMAICA, 4000' Hardwar Gap VII.6.1966 A. T. Howden/Holotype Xyleborus jamaicensis D. E. Bright CNC No. 11485  
[*Xyleborus scaber* Schedl]
- X. *lepidus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 74  
Holotype: JAMAICA, St. And. Irish Town VIII.25.1966 Howden & Becker/Holotype Xyleborus lepidus D. E. Bright CNC No. 11481
- X. *novus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 78  
Holotype: JAMAICA, 4000' Hardwar Gap VII.6.1966 Howden & Becker/Holotype Xyleborus novus D. E. Bright CNC No. 11484  
[*Xyleborus howdenae* Bright]
- X. *nuperus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 76  
Holotype: JAMAICA, 4000' Hardwar Gap VII.12.1966 Howden & Becker/Holotype Xyleborus nuperus D. E. Bright CNC No. 11482
- X. *simulatus* Bright, 1972, Bull. Inst. Jamaica Sci. Ser. 21: 80  
Holotype: JAMAICA, 4000' Hardwar Gap VII.16.1966 Howden & Becker/Holotype Xyleborus simulatus D. E. Bright CNC No. 11486  
Paratypes, 5: Jamaica

## SCYDMAENIDAE

- Euconnus lothari* Franz, 1973, Z. Arb Gem. öst. Ent. 25(1-2): 20  
Holotype: Can. Nepal Exped. NEPAL nr. Birganj, Lothar 450 ft., 12-19.IX. 1967/Euconnus lothari m. det. H. Franz/Typus/Holotype CNC No. 13749  
Paratypes, 9: Same locality as Holotype, collected between Aug. 29 and Sept. 19
- E. (*Euconnus*) *birganyianus* Franz, 1973, Z. Arb Gem. öst. Ent. 25(1-2): 16  
Holotype: Can. Nepal Exped. NEPAL nr. Birganj, Lothar 450 ft., 5-12.IX.1967/Euconnus birganyianus m. det. H. Franz/Typus/Holotype CNC No. 13752  
Paratypes, 7: Nepal
- E. (*Euconophron*) *birganyensis* Franz, 1973, Z. Arb Gem. öst. Ent. 25(1-2): 18  
Holotype: Can. Nepal Exped. NEPAL nr. Birganj, Lothar, 450 ft., 12-19.IX. 1967/Euconus (*Euconophron*) birganyensis m. det. H. Franz/Typus/Holotype CNC No. 13751  
Paratype, 1: Same data as Holotype
- E. (*Euconophron*) *godawarianus* Franz, 1973, Z. Arb Gem. öst. Ent. 25(1-2): 19  
Holotype: NEPAL, Ktmd. Godavari 6000', 7-13 Aug. 1967 Can. Nepal Exped./Euconnus godawarianus m. det. H. Franz/Typus/Holotype CNC No. 13753
- E. (*Napochus*) *theraiensis* Franz. 1973, Z. Arb Gem. öst. Ent. 25(1-2): 17  
Holotype: Can. Nepal Exped. NEPAL nr. Birganj, Lothar, 450 ft., 5-12.IX. 1967/Euconnus (*Napochus*) theraiensis m. det. H. Franz/Typus/Holotype CNC No. 13750

## STAPHYLINIDAE

- Ababactus iheringi* Bernhauer, 1907, Wien. ent. Ztg 26: 283  
 Syntype, 1: Brazil, CNC No. 11697  
 [*Cryptobium (Ababactus) iheringi* Bernh.]
- Abroteles badia* Seevers, 1957, Fieldiana, Zool. 40: 127  
 Paratypes, 5: Brazil, CNC No. 11846
- A. bisetosus* Seevers, 1937, Ann. ent. Soc. Am. 30: 5  
 Paratype, 1: Ecuador, CNC No. 11844
- A. rurrenabaquensis* Seevers, 1946, Revta Ent., Rio de J. 17: 261  
 Paratypes, 2: Bolivia, CNC No. 11843
- Acylophorus (Acylophorus) agilis* Smetana, 1971, Mem. ent. Soc. Can. 79: 262  
 Holotype: Parke Co., Ind. VIII.30.1962  
 N. M. Downie/Holotype *Acylophorus agilis* Smetana 1968 CNC No. 10885  
 Allotype: Same data as Holotype  
 Paratypes, 4: Ind., N. Car., N.Y.
- A. (A.) alternans* Smetana, 1971, Mem. ent. Soc. Can. 79: 256  
 Paratype, 1: Ont., CNC No. 10883
- A. (A.) dissimilis* Smetana, 1971, Mem. ent. Soc. Can. 79: 259  
 Holotype: Westwood, Calif., 17.VI.1959  
 Kelton & Madge/Holotype *Acylophorus dissimilis* Smetana 1968 CNC No. 10884
- A. (A.) fallax* Smetana, 1971, Mem. ent. Soc. Can. 79: 254  
 Allotype: FLA. 10 mi. N. Lake Placid, 12.III.68, A. Smetana coll./Allotype *Acylophorus fallax* Smetana 1968 CNC No. 10881
- A. (A.) filius* Smetana, 1971, Mem. ent. Soc. Can. 79: 266  
 Paratypes, 3: Ill., Pa., CNC No. 10886
- A. (A.) princeps* Smetana, 1971, Mem. ent. Soc. Can. 79: 255  
 Holotype: FLA., Homestead, Dade Co. 28.II.68 A. Smetana coll./Holotype *Acylophorus princeps* Smetana 1968 CNC No. 10882
- A. (A.) pusillus* Smetana, 1973, Can. Ent. 105(11): 1432  
 Holotype: FLA., L. Istokpoga n. L. Placid, 7.III.68 A. Smetana coll./Holotype *Acylophorus pusillus* m. A. Smetana 73 CNC No. 13086  
 Allotype: Same data as Holotype except 13.III.68
- A. (A.) sandersoni* Smetana, 1971, Mem. ent. Soc. Can. 79: 258  
 Paratype, 1: Ark., CNC No. 13604
- A. (Palpacylophorus) leechi* Smetana 1971, Mem. ent. Soc. Can. 79: 268  
 Paratype, 1: Mo., CNC No. 10887
- Agerodes collestinus* Bernhauer, 1911, Dt. ent. Z. p. 413  
 Syntype, 1: Brazil, CNC No. 11710  
 [*Agerodes divinus* Bernh.]
- Atanygnathus californicus* Smetana, 1971, Mem. ent. Soc. Can. 79: 274  
 Paratype, 1: Calif., CNC No. 13608
- Atheta (Atheta) iheringi* Bernhauer, 1908, Arch. Naturgesch. 74: 361  
 Syntype, 1: Brazil, CNC No. 11709
- A. (A.) luederwaldti* Bernhauer, 1908, Arch. Naturgesch. 74: 360  
 Syntype, 1: Brazil, CNC No. 11708
- A. (Datomicra) pauloensis* Bernhauer, 1908, Arch. Naturgesch. 74: 363  
 Syntype, 1: Brazil, CNC No. 11702
- A. (Dimetrota) perversa* Bernhauer, 1920, Arch. Naturgesch. 86: 159  
 Syntype, 1: Brazil, CNC No. 11703
- A. (Microdota) brasiliana* Bernhauer, 1908, Arch. Naturgesch. 74: 358  
 Syntype, 1: Brazil, CNC No. 11707
- Bryothinusa chani* Moore & Legner, 1971, Coleopt. Bull. 25(3): 107  
 Paratypes, 2: Hong Kong, CNC No. 13422
- B. hongkongensis* Moore, Legner & Chan, 1973, Ent. News 84(3): 77  
 Paratypes, 2: Hong Kong, CNC No. 13419
- B. sawadai* Moore, Legner & Chan, 1973, Ent. News 84: 75  
 Paratypes, 2: Hong Kong, CNC No. 13421
- Bryothinusa sinensis* Moore, Legner & Chan, 1973, Ent. News 84(3): 76  
 Paratypes, 2: Hong Kong, CNC No. 13420
- Conosoma angustiforme* Bernhauer, 1908, Arch. Naturgesch. 74: 337  
 Syntype, 1: Brazil, CNC No. 11700  
 [*Sepedophilus angustiforme* (Bernh.)]
- Ecitocleptis dentata* Borgmeier, 1958, Studia ent. 1: 226  
 Syntype, 1: Costa Rica, CNC No. 13619
- E. socia* Borgmeier, 1949, Revta Ent., Rio de J. 20: 115  
 Syntypes, 2: Brazil, CNC No. 13620
- Ecitodiscus pedissequus* Borgmeier, 1949, Revta Ent., Rio de J. 20: 136  
 Syntype, 1: Brazil, CNC No. 13610
- Ecitogaster cavicollis* Borgmeier, 1949, Revta Ent., Rio de J. 20: 129  
 Syntype, 1: Brazil, CNC No. 13616
- E. fossulata* Borgmeier, 1949, Revta Ent., Rio de J. 20: 130  
 Syntype, 1: Brazil, CNC No. 13617

- Ecitoglossa foveicollis* Borgmeier, 1958, *Studia ent.* 1: 235  
 Syntype, 1: Costa Rica, CNC No. 13615
- Ecitonia affinis* Borgmeier, 1959, *Bol. Mus. nac.* Rio de J. 214 p. 9  
 Syntype, 1: Brazil, CNC No. 13612
- E. itinerans* Borgmeier, 1959, *Bol. Mus. nac.* Rio de J. 214 p. 8  
 Paratypes, 2: Brazil, CNC No. 13613
- Ecitopelta reticulata* Borgmeier, 1949, *Revta Ent.*, Rio de J. 20: 140  
 Syntypes, 2: Brazil, CNC No. 13611
- Ecitopolites familiaris* Borgmeier, 1949, *Revta Ent.*, Rio de J. 20: 144  
 Syntypes, 2: Brazil, CNC No. 13613
- Ecitoxenia lucanoides* Campbell, 1973, *Papéis avuls. Zool. S. Paulo* 27(2): 28  
 Paratypes, 2: Colombia, CNC No. 12753
- Edaphus columbianus* Puthz, 1973, *Stud. Neotrop. Fauna* 8: 54  
 Holotype: COLOM., C. Amara, Tequendama, VII.6.1970, 7600' J. M. Campbell/♂ Holotype/Edaphus columbianus nov. spec. det. V. Puthz 1972/Holotype Edaphus columbianus Puthz CNC No. 13463
- E. depressus* Puthz, 1973, *Stud. Neotrop. Fauna* 8: 56  
 Holotype: BRAZIL, Alexandra 20 km. W. Paranaqua, 80 m., II.13.1970 JM & BA Campbell/♂ Holotype/Edaphus depressus nov. spec. det. V. Puthz 1972/Holotype Edaphus depressus Puthz CNC No. 13464
- E. humeralis* Puthz, *Stud. Neotrop. Fauna* 8: 55  
 Holotype: BRAZIL, Para Faz. Pirelli Belém, III.30-31.1970, JM & BA Campbell/♀ Holotype/Edaphus humeralis nov. spec. det. V. Puthz 1972/Holotype CNC No. 13465
- E. mexicanus* Puthz, 1973, *Stud. Neotrop. Fauna* 8: 54  
 Holotype: MEX., 8 mi. S. Simojovel, Chis. VI.10.1969 J. M. Campbell/♂ Holotype/Edaphus mexicanus nov. spec. det. V. Puthz 1972/CNC No. 13466  
 Paratypes, 3: Chis., MEX.
- Heterothops aeneiventris* Smetana, 1971, *Can. Ent.* 103(12): 1836  
 Holotype: ARIZ., Cochise Co., Huachuca Mts., Ramsey Cn. 5200', 31.VII.69 A. Smetana/Holotype Heterothops aeneiventris Smetana 1969 CNC No. 11462  
 Paratypes, 8: Same data as Holotype except 4 specimens dated 2.VIII.69
- H. arizonicus* Smetana, 1971, *Can. Ent.* 103(12): 1834  
 Holotype: Ariz., Chochise Co., Chiricahua Mts., Portal 5000'/21.VII.1969 A. Smetana/Holotype Heterothops arizonicus Smetana 1969 CNC No. 11461  
 Paratypes, 2: Same data as Holotype
- H. asperatus* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 34  
 Paratypes, 3: B.C.; Calif., CNC No. 10852
- H. balthasari* Smetana, 1967, *Acta ent. bohemoslovaca* 64(6): 468  
 Paratypes, 3: Czechoslovakia, CNC No. 11724
- H. brunneus* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 32  
 Holotype: Antelope Spgs, Inyo Co., Cal. III-30-61/#49/H. K. Court Collr/Holotype CNC No. 10850 Heterothops brunneus sp. n. Smetana 1968  
 Allotype: Same data as Holotype  
 Paratypes, 5: Same data as Holotype
- H. campbelli* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 22  
 Holotype: ILL., Pine Hills Field Sta. Union Co. V.15-22.1967 J. M. Campbell/CNC No. 10847 Heterothops campbelli Smetana 1968 Holotype  
 Allotype: Same data as Holotype  
 Paratypes, 8: Ill.
- H. confertus* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 25  
 Paratypes, 22: Ariz., CNC No. 10848
- H. conformis* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 30  
 Holotype: B.C., 8 mi. W. Creston, VI.10.1968, Campbell & Smetana/ex river debris/Holotype Heterothops conformis Smetana 1968 CNC No. 10849  
 Allotype: Same data as Holotype  
 Paratypes, 15: B.C.; Calif., N. Mex.
- H. fraternus* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 35  
 Paratypes, 5: Wash., Ore.; B.C., CNC No. 10891
- H. gemellus* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 19  
 Paratypes, 2: Calif., CNC No. 13601
- H. marmotae* Smetana, 1971, *Can. Ent.* 103(12): 1837  
 Holotype: Ont. Ottawa, Kanata, 26.IV.69 Smetana/Marmota burrow/Holotype Heterothops marmotae Smetana 1969 CNC No. 11463  
 Paratype, 1: Same data as Holotype except 25.IV.69
- H. minor* Smetana, 1971, *Mem. ent. Soc. Can.* 79: 36

- Holotype: Ottawa, Ont. 6.VII.1913 G. Beaulieu/Holotype Heterothops minor Smetana 1968 CNC No. 10853  
Allotype: Sudbury, Ont., Can. 1893/T.L.C. 2096/13/Allotype Heterothops minor Smetana 1968 CNC No. 10853  
Paratypes, 7: Ont., B.C., Man., N.S.
- H. simulatrix* Smetana, 1971, Mem. ent. Soc. Can. 79: 37  
Paratypes, 5: Calif., CNC No. 10854
- H. sordidus* Smetana, 1971, Mem. ent. Soc. Can. 79: 32  
Holotype: B.C., 8 mi. W. Creston, VI.10.1968, Campbell & Smetana/ex river debris/Holotype Heterothops sordidus Smetana 1968 CNC No. 10851  
Allotype: Same data as Holotype  
Paratypes, 11: B.C.
- Homalota brasiliiana* Bernhauer, 1908, Arch. Naturgesch. 74: 342  
Syntype, 1: Brazil, CNC No. 11698
- Hoplandria aleocharoides* Bernhauer, 1908, Arch. Naturgesch. 74: 351  
Syntype, 1: Brazil, CNC No. 11701
- Laulla palauensis* Seevers, 1957, Fieldiana, Zool. 40: 178  
Paratype, 1: Micronesia, CNC No. 11822
- Medon niggerimus* Bernhauer, 1908, Arch. Naturgesch. 74: 311  
Syntype, 1: Brazil, CNC No. 11706
- Microbledius acitius* Herman, 1972, Bull. Am. Mus. nat. Hist. 149(2): 127  
Paratypes, 3: Tex., CNC No. 13629
- M. playanus* Herman, 1972, Bull. Am. Mus. nat. Hist. 149(2): 121  
Paratypes, 4: Okla., CNC No. 13628
- Microedus giulianii* Moore & Legner, 1972, Coleopta Bull. 26(2): 75  
Paratype, 1: Calif., CNC No. 13423
- Mimophites convexicollis* Borgmeier, 1949, Revta Ent., Rio de J. 20: 118  
Syntype, 1: Brazil, CNC No. 13618
- Ocypus (Ocypus) frater* Smetana, 1965, Reichenbachia 5(5): 31  
Paratype, 1: Turkey (Anatolia), CNC No. 11726
- O. (O.) heinzi* Smetana, 1965, Reichenbachia 5(5): 30  
Paratype, 1: Turkey (Anatolia), CNC No. 11725
- O. (O.) ponticus* Smetana, 1968, Acta faun. ent. mus. nat. Pragae 13(152): 158  
Paratype, 1: Turkey (Anatolia), CNC No. 11727
- Orus giulianii* Moore & Legner, 1972, Pan-Pacif. Ent. 48(4): 250  
Paratypes, 2: Calif., CNC No. 13424
- Oxyporus (Oxyporus) balli* Campbell, 1969, Can. Ent. 101(3): 254  
Holotype: MEXICO, Michoacan, Puerto Garnica, 9200', Rte 15, VII.30.1966/George E. Ball, D. R. Whitehead colls/Holotype Oxyporus balli Campbell CNC No. 10037
- O. (O.) bierigi* Campbell, 1969, Can. Ent. 101(3): 257  
Paratype, 1: Costa Rica, CNC No. 10038
- Parasilusa iheringi* Bernhauer, 1908, Arch. Naturgesch. 74: 339  
Syntype, 1: Brazil, CNC No. 11699
- Perinthodes africanus* Seevers, 1957, Fieldiana, Zool. 40: 180  
Paratype, 1: Belg. Congo, CNC No. 11825
- Perinthus dudleyanus major* Seevers, 1957, Fieldiana, Zool. 40: 170  
Paratype, 1: Ecuador, CNC No. 11828
- P. hageni* Seevers, 1937, Ann. ent. Soc. Am. 30: 9  
Paratypes, 3: Pan. C.Z., CNC No. 11829
- Phymatura barbiellini* Bernhauer, 1908, Arch. Naturgesch. 74: 344  
Syntype, 1: Brazil, CNC No. 11705
- P. brasiliiana* Bernhauer, 1908, Arch. Naturgesch. 74: 344  
Syntype, 1: Brazil, CNC No. 11704
- Pulicipsenius acanthoscelis* Seevers, 1941, Ann. ent. Soc. Am. 34: 329  
Paratype, 1: Br. Guiana, CNC No. 11823  
[*Termitopsenius acanthoscelis* (Seevers)]
- Quedius (Distichalius) alticola* Smetana, 1971, Mem. ent. Soc. Can. 79: 172  
Holotype: WASH., Mt. Ranier Nat. Pk., Misqually R., 4000', V.16.1968 Campbell & Smetana/Holotype Quedius alticola Smetana 1968 CNC No. 10869  
Paratypes, 3: Wash.
- Q. (D.) frater* Smetana, 1971, Mem. ent. Soc. Can. 79: 182  
Paratype, 1: Wash., CNC No. 10872
- Q. (D.) montivagus* Smetana, 1971, Mem. ent. Soc. Can. 79: 160  
Paratypes, 4: Wash., CNC No. 10867
- Q. (D.) signifer* Smetana, 1971, Mem. ent. Soc. Can. 79: 176  
Holotype: CALIF., Tahoe Pines V.3.1968, Campbell & Smetana/Holotype Quedius signifer Smetana 1968 CNC No. 10871  
Paratypes, 20: Calif.
- Q. (D.) tetricus* Smetana, 1971, Mem. ent. Soc. Can. 79: 169  
Holotype: B.C., 12 mi. E. Hope, VI.2.1968 Campbell & Smetana/ex river debris/Holotype Quedius tetricus Smetana 1968 CNC No. 10868

- Allotype: Same data as Holotype  
Paratypes, 5: B.C.
- Q. (D.) verres* Smetana, 1971, Mem. ent. Soc. Can. 79: 174  
Allotype: woods trash, Florence S.C. II.8'39 C5, C. F. Rain water/Quedius sp. det. Chpn 1939/Allotype Quedius verres Smetana 1968/Allotype CNC No. 10870  
Paratypes, 4: S. Car., Ariz.; Son., MEX.
- Q. (Microsaurus) campbelli* Smetana, 1971, Mem. ent. Soc. Can. 79: 103  
Holotype: Que. Gatineau Park, Lac Renaud, X.24.67 Campbell & Smetana coll./Holotype Quedius campbelli Smetana 1968 CNC No. 10859  
Allotype: 1 mi. sw Meach Lk. Gatineau Park, QUE. 6.VIII.1965 nr. old beaver house/Collector R. de Ruelle/Allotype Quedius campbelli Smetana 1968 CNC No. 10859  
Paratypes, 6: Same data as Allotype except two specimens with "Collector Henri Goulet"
- Q. (M.) cursor* Smetana, 1971, Mem. ent. Soc. Can. 79: 99  
Paratype, 1: Calif., CNC No. 13607
- Q. (M.) desertus californicus* Smetana, 1971, Mem. ent. Soc. Can. 79: 125  
Paratypes, 4: Calif., CNC No. 10863
- Q. (M.) d. exulans* Smetana, 1971, Mem. ent. Soc. Can. 79: 125  
Paratypes, 3: Calif., CNC No. 10864
- Q. (M.) distans* Smetana, 1971, Mem. ent. Soc. Can. 79: 91  
Paratypes, 13: Calif., Nev., CNC No. 10857
- Q. (M.) leechi* Smetana, 1971, Mem. ent. Soc. Can. 79: 127  
Paratypes, 16: Ariz., CNC No. 10865  
[*Quedius (Microsaurus) leechi leechi* Smetana]
- Q. (M.) l. chiricahuensis* Smetana, 1971, Can. Ent. 103(12): 1843  
Holotype: ARIZ. Cochise Co., Chiric. Mts. Rustler Park 8400', 20.VII.1969, A. Smetana/Holotype Qued. leechi chiricahuensis Smetana 1968 CNC No. 11465  
Paratypes, 25: Same data as Holotype except date on some 24.VII.69
- Q. (M.) l. neomexicanus* Smetana, 1971, Can. Ent. 103(12): 1842  
Holotype: N. M., Lincoln N.F. 2 mi. SE Cloudcroft 8500', 13.VII.69 A. Smetana/Holotype Qued. leechi neomexicanus Smetana 1968 CNC No. 11464  
Paratypes, 25: N. Mex.
- Q. (M.) mordax* Smetana, 1971, Mem. ent. Soc. Can. 79: 109  
Holotype: ALTA. Cirrus Mt., Banff Nat. PK. 5500', VI.16.1968 Campbell & Smetana/Holotype Quedius mordax Smetana 1968 CNC No. 10861  
Allotype: Same data as Holotype  
Paratypes, 4: Alta, Y.T., B.C.
- Q. (M.) nidicola* Smetana, 1971, Mem. ent. Soc. Can. 79: 87  
Holotype: ORE., Benton Co. Shotpouch Cr. nr. Mary's Pk. 16 mi. W. Corv. 31 Aug. 1966 J. York, ex fecal chamber of *Aplodontia rufa pacifica*/Holotype Quedius nidicola Smetana 1968 CNC No. 10856  
Allotype: Same data as Holotype  
Paratypes, 17: Ore.
- Q. (M.) pallax* Smetana, 1971, Mem. ent. Soc. Can. 79: 115  
Holotype: S.D. Co. Cal. VI.30.58/San Vicente/Ian Moore Collector/Holotype Quedius pallax Smetana 1968 CNC No. 10862  
Paratypes, 16: Calif., Ore.; B.C.
- Q. (M.) spelaeus aplodontiae* Smetana, 1971, Mem. ent. Soc. Can. 79: 64  
Holotype: ORE., Shotpouch Cr. nr Knights of Pythias Cp 31-Aug.-66 J. York, ex main nest *Aplodontia rufa pacifica*/Holotype Quedius spelaeus aplodontiae Smetana 1968 CNC No. 10855  
Allotype: Same data as Holotype  
Paratypes, 5: Same data as Holotype
- Q. (M.) vandykei* Smetana, 1971, Mem. ent. Soc. Can. 79: 105  
Paratypes, 2: Calif., CNC No. 10860
- Q. (M.) velox* Smetana, 1971, Mem. ent. Soc. Can. 79: 96  
Holotype: B.C., 21 mi. W. Creston, VI.9.1968, Campbell & Smetana/ex river debris/Holotype Quedius velox Smetana 1968 CNC No. 10858  
Allotype: Same data as Holotype  
Paratypes, 41: B.C., Alta.
- Q. (Quedius) labradorensis insularis* Smetana, 1971, Mem. ent. Soc. Can. 79: 140  
Holotype: ALASKA, Anton Larsen Bay, Kodiak, 445, 24.VIII.1958, Lindroth/Holotype Quedius labradorensis insularis Smetana 1968 CNC No. 10866  
Allotype: Same data as Holotype  
Paratype, 1: Alaska
- Q. (Raphirus) amabilis* Smetana, 1971, Mem. ent. Soc. Can. 79: 205  
Holotype: Nr. Strawberry, Eldorado Co. Cal. IV.17.61/#67, 45 in camp/R. Schus-

- ter Collr/Holotype *Quedius amabilis* Smetana 1968 CNC No. 10876
- Q. (R.) frigidus* Smetana, 1971, Mem. ent. Soc. Can. 79: 230  
Paratypes, 4: N.Y., CNC No. 10879
- Q. (R.) impar* Smetana, 1971, Mem. ent. Soc. Can. 79: 231  
Holotype: B.C. Slide Mt., 10 mi. E. Barkerville, 6000' VI.24.1968 Campbell & Smetana/Holotype *Quedius impar* Smetana 1968 CNC No. 10880  
Allotype: Same data as Holotype  
Paratypes, 18: B.C., Alta.
- Q. (R.) mutator* Smetana, 1971, Mem. ent. Soc. Can. 79: 206  
Holotype: 8 mi. N. Post Pile Camp, Tehema Co. Cal. VIII.30.60/R. O. Schuster Collr/Holotype *Quedius mutator* Smetana 1968 CNC No. 10877
- Q. (R.) rusticus* Smetana, 1971, Mem. ent. Soc. Can. 79: 190  
Holotype: B.C., McLeod Mead Kootenay Nat. Pk. 3800', VI.13.1968 Campbell & Smetana/Holotype *Quedius rusticus* Smetana 1968 CNC No. 10873  
Allotype: Same data as Holotype  
Paratypes, 29: Man., B.C., Alta., Que.; Mass., N.H., N. Mex., Me.
- Q. (R.) simulator* Smetana, 1971, Mem. ent. Soc. Can. 79: 194  
Holotype: ALASKA, Mi. 1249 Alaska Hwy., Deadman Lk., VII.6-7.1968 Campbell & Smetana/Holotype *Quedius simulator* Smetana 1968 CNC No. 10875  
Allotype: Same data as Holotype  
Paratypes, 84: Alaska; Y.T., N.W.T., Lab., Man., Que.
- Q. (R.) vilis* Smetana, 1971, Mem. ent. Soc. Can. 79: 191  
Holotype: ORE., 7.5 mi. SW Fort Klamath, V.8.1968, Campbell & Smetana/Holotype *Quedius vilis* Smetana CNC No. 10874  
Allotype: Same data as Holotype  
Paratypes, 8: Ore., Calif.
- Q. (R.) vulpinus* Smetana, 1971, Mem. ent. Soc. Can. 79: 214  
Holotype: WASH., Mt. Rainier Nat. Pk., Sunbeam Falls, 4000' V-17,18-1968, Campbell & Smetana/Holotype *Quedius vulpinus* Smetana 1968 CNC No. 10878  
Paratype, 1: Same data as Holotype
- Stenus (Stenus) campbelli* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 204  
Holotype: ALASKA, Mi. 123 Taylor Hwy., VII.9.1968, Campbell & Smetana/♂ Holotypus/*Stenus campbelli* nov. spec. det. V. Puthz 1972/Holotype *Stenus campbelli* Puthz CNC No. 13448  
Paratypes, 2: Same data as Holotype
- S. (S.) cartwrightii* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 191  
Paratypes, 6: Ariz.; Chih., MEX., CNC No. 13449
- S. (S.) chiricahuanus* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 199  
Paratypes, 2: Ariz., CNC No. 13450
- S. (S.) geminorum* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 208  
Holotype: WASH., Olympic Nat. Pk., Queets Ranger Sta. V.15.1968, Campbell & Smetana/Holotypus ♂/*Stenus geminorum* n. sp. det. V. Puthz 1972/Holotype CNC No. 13451  
Paratypes, 6: Wash.; B.C.
- S. (S.) hermani* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 195  
Paratype, 1: Oax., MEX., CNC No. 13458
- S. (S.) koebelei* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 204  
Paratypes, 2: Calif., CNC No. 13452
- S. (S.) k. raniermontis* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 207  
Holotype: WASH., Mt. Rainier Nat. Pk., Misqually R., 4000', V.16.1968 Campbell & Smetana/♂ Holotype/*Stenus koebelei raniermontis* n. sp. det. V. Puthz 1972/Holotype *Stenus koebelei raniermontis* Puthz CNC No. 13453  
Paratype, 1: Same data as Holotype
- S. (Hypostenus) rostellifer* Puthz 1972, Ent. Mitt. zool. Mus. Hamb. 4: 315  
Holotype: FLA. Homestead, Dade Co. 28.II.68 A. Smetana coll./♀ Holotype/*Stenus rostellifer* n. sp. det. V. Puthz 1972/Holotype *Stenus rostellifer* Puthz CNC No. 13454
- S. (Stenus) smetanai* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 189  
Holotype: MISS. Pearlinton, Hancock Co. 19.III.68 A. Smetana Coll./♂ Holotype/*Stenus smetanai* n. sp. det. V. Puthz 1972/Holotype *Stenus smetanai* Puthz CNC No. 13455  
Paratypes, 9: Same data as Holotype
- S. (S.) vicinoides* Puthz, 1973, Ent. Bl. Biol. Syst. Käfer 69: 200  
Holotype: Maple Creek, Sask. 28.V.1955 J. R. Vockeroth/Holotypus ♂/*Stenus vicinoides* nov. spec. det. V. Puthz 1972/Holotype *Stenus vicinoides* Puthz CNC No. 13456  
Paratypes, 20: Sask., Man., B.C.; Colo.
- Tachinomorphus arizonensis* Campbell, 1973, Can. Ent. 105(7): 1024

- Paratypes, 3: Ariz., CNC No. 12965  
*T. sharpi* Campbell, 1973, Can. Ent. 105(7): 1025  
 Holotype: Chipinque Mesa, 5400' nr. Monterrey, N.L., Mex. VII.23.1963 A. T. Howden/Holotype *Tachinomorphus sharpi* desig. 1973 J. M. Campbell CNC No. 12964  
 Paratypes, 2: N.L., Hdgo, MEX.  
*Tachinus horni* Campbell, 1973, Mem. ent. Soc. Can. 90: 31  
 Paratypes, 4: Pa., N.H., N.Y., CNC No. 12661  
*T. mexicanus* Campbell, 1973, Mem. ent. Soc. Can. 90: 74  
 Holotype: 10 mi. W. El Salto, Dgo. MEX. VII.12.1964 H. F. Howden/Malt trap/Holotype *Tachinus mexicanus* Campbell CNC No. 12691  
 Allotype: Same data as Holotype  
 Paratypes, 113: Dgo., Sin., Mex., Pue., Mor., Oax., MEX.  
*T. minimus* Campbell, 1973, Mem. ent. Soc. Can. 90: 52  
 Paratypes, 7: N.Y., Mass., Pa., Ohio, CNC No. 12662  
*T. nearcticus* Campbell, 1973, Mem. ent. Soc. Can. 90: 69  
 Holotype: YT. Mi. 1120 Alaska Hwy., VII.6.1968 Campbell & Smetana/Holotype *Tachinus nearcticus* Campbell CNC No. 12666  
 Allotype: Same data as Holotype  
 Paratypes, 56: Alaska, Colo.; Y.T., N.W.T., Que., Nfld.  
*T. oaxacensis* Campbell, 1973, Mem. ent. Soc. Can. 90: 81  
 Holotype: MEX., OAX. 35 mi. S. Suchixtepec, 8000', 3.VI.1971, S. Peck, Ber, 208, leaf litter/Holotype *Tachinus oaxacensis* Campbell 1972 CNC No. 12727  
 Allotype: Same data as Holotype  
 Paratypes, 14: Oax.  
*T. smetanai* Campbell, 1973, Mem. ent. Soc. Can. 90: 64  
 Paratype, 1: B.C., CNC No. 12664  
*T. stacesmithi* Campbell, 1973, Mem. ent. Soc. Can. 90: 59  
 Paratype, 1: B.C., CNC No. 12663  
*T. vergatus* Campbell, 1973, Mem. ent. Soc. Can. 90: 65  
 Holotype: Gaspé Co., Que. 10 June 1934 E. B. Watson/Holotype *Tachinus vergatus* Campbell CNC No. 12665  
*Taxicera smetanai* Scheerpeltz, 1967, Acta ent. Mus. Nat. Pragae 37: 529  
 Syntypes, 3: Albania, CNC No. 11728  
*Termitellodes lativentris* Seevers, 1957, Fieldiana, Zool. 40: 114  
 Paratype, 1: Belg. Congo, CNC No. 11836  
*Termitocola cylindricornis* Seevers, 1937, Ann. Ent. Soc. Am. 30: 8  
 Paratype, 1: Pan. C.Z., CNC No. 11826  
*Termitocolonus ericiogaster* Seevers, 1941, Ann. ent. Soc. Am. 34: 337  
 Paratype, 1: Br. Guiana, CNC No. 11834  
 [*Blapticoxenus brunneus* Mann]  
*Termitogaster puncticeps* Seevers, 1946, Revta Ent., Rio de J. 17: 249  
 Paratype, 1: Bolivia, CNC No. 11838  
*Termitohospes guianae* Seevers, 1941, Ann. ent. Soc. Am. 34: 335  
 Paratype, 1: Br. Guiana, CNC No. 11833  
*T. limulus* Seevers, 1957, Fieldiana, Zool. 40: 196  
 Paratype, 1: Brazil, CNC No. 11832  
*T. miricorniger* Seevers, 1941, Ann. ent. Soc. Am. 34: 335  
 Paratypes, 2: Br. Guiana, CNC No. 11831  
*T. tachyporoides* Seevers, 1957, Fieldiana, Zool. 40: 197  
 Paratype, 1: Brazil, CNC No. 11830  
*Termitomimus emersoni* Seevers, 1957, Fieldiana, Zool. 40: 154  
 Paratype, 1: Belg. Congo, CNC No. 11848  
*Termitonannus echinoides* Seevers, 1946, Revta Ent., Rio de J. 17: 264  
 Paratype, 1: Bolivia, CNC No. 11835  
*Termitonda liberiae* Seevers, 1957, Fieldiana, Zool. 40: 238  
 Paratype, 1: Liberia, CNC No. 11824  
*Termitonicus mahout* Mann, 1926, Proc. ent. Soc. Wash. 28: 153  
 Paratype, 1: Br. Guiana, CNC No. 11827  
*Termitonilla luteola* Borgmeier, 1950, Revta Ent., Rio de J. 21: 652  
 Paratype, 1: Brazil, CNC No. 13626  
*Termitophya emersoni* Seevers, 1937, Ann. ent. Soc. Am. 30: 14  
 Paratype, 1: Pan. C.Z., CNC No. 11841  
*T. flaviventris* Mann, 1923, Zoologica 3: 352  
 Paratype, 1: Br. Guiana, CNC No. 11840  
*T. piliventris* Seevers, 1937, Ann. ent. Soc. Am. 30: 17  
 Paratype, 1: Pan. C.Z., CNC No. 11842  
*Termitosyne platygastra* Seevers, 1957, Fieldiana, Zool. 40: 82  
 Paratype, 1: Brazil, CNC No. 11839  
*Termitozyras adamsoni* Seevers, 1957, Fieldiana, Zool. 40: 244  
 Paratypes, 4: Trinidad, CNC No. 11847  
*Thyreoxenus cucullatus* Seevers, 1946, Revta Ent., Rio de J. 17: 257  
 Paratype, 1: Colombia, CNC No. 11845



- Timeparthenus silvestrii* Campbell, 1973, Papéis avuls. Zool. S. Paulo 27(7): 86  
Paratypes, 3: Brazil, CNC No. 12912
- Vatesus amapaensis* Borgmeier, 1961, Anais Acad. bras. Cienc. 33: 204  
Syntype, 1: Brazil, CNC No. 13622
- V. gemellus* Borgmeier, 1961, Anais Acad. bras. Cienc. 33: 200  
Syntypes, 2: Brazil, CNC No. 13623
- V. gracilis* Borgmeier, 1961, Anais Acad. bras. Cienc. 33: 199  
Syntype, 1: Brazil, CNC No. 13624
- V. simulans* Borgmeier, 1961, Anais Acad. bras. Cienc. 33: 206  
Syntypes, 2: Brazil, CNC No. 13625
- Xenobius rotundiceps* Borgmeier, 1931, Revta Ent., Rio de J. 1: 360  
Syntype, 1: Brazil, CNC No. 13621
- Xenogaster subnuda* Seevers, 1957, Fieldiana, Zool. 40: 103  
Paratype, 1: Brazil, CNC No. 11837

#### TENEBRIONIDAE

- Coelocnemis lucia* Doyen, 1973, Univ. Calif. Pubs Ent. 73: 96  
Paratypes, 2: Calif., CNC No. 13292
- C. rugulosa* Doyen, 1973, Univ. Calif. Pubs Ent. 73: 97  
Paratypes, 2: Calif., CNC No. 13293
- Oenopion adeptus* Doyen, 1971, Coleopt. Bull. 25(4): 114  
Holotype: Chipinque Mesa, 5400', nr. Monterrey, N.L. Mex. VII.29.1963 A. T. Howden/Oenopion adeptus Doyen  
Holotype/Holotype CNC No. 12709  
Allotype: Same locality as Holotype, VII.22.1963, H. & A. Howden  
Paratypes, 7: Same locality as Holotype 8-30.VII.1963, H. & A. Howden
- Zopherus championi* Triplehorn, 1972, Smithson. Contr. Zool. 108: 13  
Paratype, 1: N.L., MEX., CNC No. 12707
- Z. xestus* Triplehorn, 1972, Smithson. Contr. Zool. 108: 11  
Paratypes, 10: Tex., CNC No. 12708

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- Aulonothroscus howdeni* Cobos, 1969, Archos Inst. Aclim., Almeria 14: 62  
Holotype: 24 mi. W. la Ciudad, Durango, MEXICO VII.30.1964 H. F. Howden/Holotypus A. Cobos/Aulonothroscus howdeni nov. sp. Holotypus A. Cobos det. 1967/Holotype CNC No. 11712
- Lissomus beckeri* Cobos, 1969, Archos Inst. Aclim., Almeria 14:40.  
Holotype: Trop. Research Station, New York Zool. Society No. 20956/Kartabo, Bartica District, British Guiana 5.XI.1920/Holotypus A. Cobos/Lissomus beckeri nov. sp. Holotypus A. Cobos det. 1967/Holotype CNC No. 11711

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