

## Catalogue of Types Deposited in the Canadian National Collection of Nematodes

R. V. ANDERSON AND B. A. EBSARY<sup>1</sup>

*Abstract:* Primary and secondary types housed in the Canadian National Collection of Nematodes are given for 396 species of plant-parasitic, marine, freshwater, terrestrial, and entomophagous nematodes. Species are listed in alphabetical order and include author(s), date, publication source, type category, numbers and sex, and collection accession number. Current nomenclatorial changes in status of a binomial are not given, but authority data are added for type designations made to the original type series.

*Key words:* primary types, secondary types, museum collection.

Curators or holders of type collections have an implicit scientific obligation to periodically publish listings of type material in their care (4). This practice is supported by the Society of Nematologists and strongly encouraged by the Systematics Resources Committee (3).

The first catalogue of types housed in the Canadian National Collection of Nematodes (CNCN) was published in 1965 by Mulvey (2). This current catalogue of types reflects the greatly extended holdings of the CNCN.

### CANADIAN NATIONAL COLLECTION OF NEMATODES

The Canadian National Collection of Nematodes is the primary repository in Canada for all nematodes except the human and animal parasites. It is comprised of a type collection, a general slide and vial collection, and a voucher collection established to meet Canadian needs. Historical highlights of nematode systematics in Canada are found in Baker (1).

The type collection was founded by A. D. Baker and R. H. Mulvey in 1956, with the first accession *Tylenchorhynchus lenorus* Brown, 1956. The present holdings of the CNCN, listed alphabetically by species, include 4,990 primary and secondary types of 396 species. Most were collected and described from Canadian localities; types of 130 species were generously donated by individuals from other countries. Composition of the collection by group is as follows: plant-parasitic (54%), marine and freshwater (31%), terrestrial free-living (11%), and entomophagous (4%).

The general collection was initiated by Dr. A. D. Baker in 1943 with the deposition of 11 slide mounts of sugar beet nematode cysts from Blackwell, Ontario. The collection now has in excess of 29,000 slide mounts of 88,000 specimens and 5,000 vials of mixed nematodes collected from all major regions of Canada, including the Yukon, Northwest Territories, and the High Arctic. Represented are more than 500 named species in 250 genera and 85 families. Maintenance of the type and general collections and the policies for the acquisition, deposition, and loan of material follows those adopted by the University of California-Davis (3) and all other major zoological collections.

### *Abbreviations and symbols*

Holo = holotype  
Allo = allotype  
Para = paratype  
Neo = neotype  
Lecto = lectotype  
Paralecto = paralectotype  
Topo = topotype  
f = female  
m = male  
y = juvenile (larva)  
cst = cyst  
s = section (head mount, perineal pattern, cone top)  
Accn = accession number (= type slide number)

### CATALOGUE OF TYPES

*aciculus*, *Paratylenchus*. Brown, Georgianna L. 1959. Proceedings of the Helminthological Society of Washington 26:1-8. Holo—f; Allo—m; Para—39 f, 7 m. Accn. 6.

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<sup>1</sup> Biosystematics Research Institute, Central Experimental Farm, Ottawa, Ontario, Canada K1A 0C6.

- acti*, *Tylenchorhynchus*. Hopper, B. E. 1959. *Nematologica* 4:23-30. Para—10 f. Accn. 323.
- aculentus*, *Paratylenchus*. Brown, Georgiana L. 1959. *Proceedings of the Helminthological Society of Washington* 26:1-8. Holo—f; Allo—m; Para—15 f, 3 m. Accn. 7.
- acuticaudus*, *Iotonchus*. Mulvey, R. H., and H. J. Jensen. 1967. *Canadian Journal of Zoology* 45:667-727. Holo—f; Allo—m; Para—1 f, 5 m. Accn. 131.
- acutus*, *Trichodorus*. Bird, G. W. 1967. *Canadian Journal of Zoology* 45:1201-1204. Holo—f; Para—12 f. Accn. 157.
- agricola*, *Aphelenchus*. de Man, J. G. 1881. *Tijdschrift Nederlandsche Dierkundige Vereeniging* 5:138-143. Neo—f; Topo—23 f. Ref. Sanwal, K. C., and P. A. A. Loof. 1967. *Nematologica* 13:73-78. Accn. 147.
- alatocorpa*, *Neochromadora*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:183-199. Holo—m; Allo—f; Para—2 f, 4 m. Accn. 23.
- alleni*, *Tylenchocriconema*. Raski, D. J., and I. A. Siddiqui. 1975. *Journal of Nematology* 7:247-251. Para—3 f, 1 m. Accn. 345.
- amphidysis*, *Aporcelaimus*. Anderson, R. V. 1966. *Canadian Journal of Zoology* 44:815-820. Holo—f; Allo—m; Para—3 f. Accn. 117.
- amplius*, *Helicotylenchus*. Anderson, R. V., and E. S. Eveleigh. 1982. *Canadian Journal of Zoology* 60:318-321. Holo—f; Para—46 f. Accn. 257.
- amplus*, *Metoncholaimus*. Hopper, B. E. 1967. *Marine Biology* 1:145-151. Holo—m; Allo—f; Para—7 f, 19 m. Accn. 152.
- andinus*, *Thecavermiculatus*. Golden, A. M., J. Franco, P. Jatala, and E. Astocaza. 1983. *Journal of Nematology* 15:357-363. Para—2 f, 3 m, 4 y. Accn. 392.
- ampullacea*, *Steineria*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239-344. Holo—m. Accn. 101.
- anchoryzae*, *Hirschmanniella*. Ebsary, B. A., and R. V. Anderson. 1982. *Canadian Journal of Zoology* 60:530-535. Holo—f; Allo—m; Para—17 f, 8 m. Accn. 264.
- anhelicus*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1-56. Para—5 f, 1 m. Accn. 290.
- anisomorpha*, *Rhabditis (Mesorhabditis)*. Sudhaus, W. 1978. *Zoologische Jahrbücher. Systematic, Ökologie und Geographie der Tiere* 105:399-461. Para—14 f, 7 m. Accn. 394.
- anisospiculus*, *Enoplus*. Nelson, H., B. E. Hopper, and J. M. Webster. 1972. *Canadian Journal of Zoology* 50:1681-1684. Holo—f; Allo—m; Para—15 f, 14 m. Accn. 212.
- annae*, *Longicyatholaimus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239-344. Holo—m. Accn. 74.
- anonoposthia*, *Monoposthioides*. Hopper, B. E. 1963. *Canadian Journal of Zoology* 41:841-863. Holo—m; Allo—f; Para—1 f, 1 m. Accn. 41.
- aquatilis*, *Meloidogyne*. Ebsary, B. A., and E. S. Eveleigh. 1983. *Journal of Nematology* 15:349-353. Holo—f; Allo—m; Para—8 f, 2 m, 24 y, 5 s. Accn. 273.
- aquiloniui*, *Tylenchus*. Wu, Liang-Yu. 1969. *Canadian Journal of Zoology* 47:1005-1010. Holo—f; Para—9 f. Accn. 186.
- arcticum*, *Ereptonema*. Loof, P. A. A. 1971. *Mededelingen van de Landbouwhogeschool te Wageningen* 71:1-86. Para—3 f. Accn. 349.
- arcticus*, *Aphelenchoides*. Sanwal, K. C. 1965. *Canadian Journal of Zoology* 43:933-940. Holo—f; Allo—m. Accn. 112.
- arcticus*, *Arctidorylaimus*. Mulvey, R. H., and R. V. Anderson. 1979. *Canadian Journal of Zoology* 57:743-755. Holo—f; Allo—m; Para—13 f, 20 m. Accn. 275.
- arcticus*, *Microlaimus*. Mulvey, R. H. 1969. *Canadian Journal of Zoology* 47:365-382. Holo—f; Para—8 f. Accn. 166.
- arcticus*, *Paramononchus*. Mulvey, R. H. 1978. *Canadian Journal of Zoology* 56:1847-1868. Holo—f; Para—9 f. Accn. 238.
- arcticus*, *Rhysocolpus*. Ebsary, B. A. 1984. *Journal of Nematology* 16:235-239. Holo—f; Allo—m; Para—13 f, 20 m. Accn. 275.
- arcticus*, *Tylenchorhynchus*. Mulvey, R. H. 1969. *Canadian Journal of Zoology* 47:1245-1248. Holo—f; Allo—m; Para—13 f, 4 m. Accn. 192.
- areolata*, *Hirschmanniella*. Ebsary, B. A., and R. V. Anderson. 1982. *Canadian Journal of Zoology* 60:530-535. Holo—f; Allo—m; Para—4 f, 3 m. Accn. 263.
- arthropappus*, *Bathylaimus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Mu-*

- seum of Comparative Zoology 135:239–344. Holo—m. Accn. 61.
- aspericutis*, *Tylenchorhynchus*. Knobloch, Natalie A. 1975. *Nematologica* 21:287–295. Para—4 f. Accn. 346.
- asupplementa*, *Prochromadora*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:183–199. Holo—m; Allo—f. Accn. 24.
- attenuatus*, *Nothotylenchus*. Mulvey, R. H. 1969. *Canadian Journal of Zoology* 47:1261–1268. Holo—f; Para—2 f. Accn. 189.
- audiellus*, *Paratylenchus*. Brown, Georgianina L. 1959. *Proceedings of the Helminthological Society of Washington* 26:1–8. Holo—f; Allo—m; Para—19 f, 7 m. Accn. 8.
- autumnalis*, *Heterotylenchus*. Nickle, W. R. 1967. *Journal of Parasitology* 53:398–401. Para—8 f, 2 m. Accn. 300.
- bacillivorus*, *Tylocephalus*. Crossman, Mary L. 1933. *Journal of Parasitology* 20:106–107. Para—1 f, 13 y, 2 s. Accn. 376.
- baforti*, *Discocriconebella*. de Grisse, A. 1967. *Biologische Jaarboek* 5:66–125. Para—2 f. Accn. 375.
- bakeri*, *Chambersiella*. Sanwal, K. C. 1957. *Canadian Journal of Zoology* 35:615–621. Holo—f; Para—3 f, 11 m, 2 y. Accn. 4.
- bakeri*, *Criconeema*. Wu, Liang-Yu. 1964. *Canadian Journal of Zoology* 42:53–57. Holo—f; Allo—m; Para—4 f, 12 m. Accn. 48.
- bakeri*, *Criconemoides*. Wu, Liang-Yu. 1965. *Canadian Journal of Zoology* 43:203–214. Holo—f; Para—8 f. Accn. 52.
- bakeri*, *Xiphinema*. Williams, T. D. 1961. *Canadian Journal of Zoology* 39:407–412. Holo—f; Allo—m; Para—12 f. Accn. 29.
- belli*, *Apratylenchoides*. Sher, S. A. 1973. *Journal of Nematology* 5:218–221. Para—13 f. Accn. 350.
- belli*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1–56. Para—2 f, 7 y. Accn. 289.
- belli*, *Hirschmanniella*. Sher, S. A. 1968. *Nematologica* 14:243–275. Para—6 f, 7 y. Accn. 305.
- belli*, *Pararotylenchus*. Robbins, R. T. 1983. *Journal of Nematology* 15:353–356. Para—f. Accn. 398.
- bengalensis mexicana*, *Rhabditis*. Hopper, B. E. 1963. *Canadian Journal of Zoology* 41:841–863. Holo—f. Accn. 46.
- bisexualis*, *Hadronchus*. Mulvey, R. H., and H. J. Jensen. 1967. *Canadian Journal of Zoology* 45:667–727. Holo—f; Allo—m; Para—11 f, 2 m. Accn. 129.
- bisexualis*, *Swangeria*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:69–72. Holo—f; Allo—m; Para—4 f, 1 m. Accn. 15.
- bissonettei*, *Pareurystomina*. Hopper, B. E. 1970. *Proceedings of the Helminthological Society of Washington* 37:175–178. Holo—m; Allo—f; Para—3 f, 7 m. Accn. 203.
- bisulcus*, *Enoploides*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 62.
- blumi*, *Rhabditis (Rhabditis)*. Sudhaus, W. 1974. *Zoologische Jahrbucher Systematic, Okologie und Geographie der Tiere* 101:417–465. Para—28 f, 5 m. Accn. 395.
- breviannulatus*, *Longidorus*. Norton, D. C., and J. K. Hoffmann. 1975. *Journal of Nematology* 7:168–171. Para—14 f. Accn. 351.
- brevicaudatus*, *Tylenchorhynchus*. Hopper, B. E. 1959. *Nematologica* 4:23–30. Holo—f; Allo—m; Para—2 f, 3 m. Accn. 168.
- breviglans*, *Rotylenchus*. Sher, S. A. 1965. *Nematologica* 11:173–198. Para—6 f. Accn. 312.
- brevihastus*, *Paratylenchus*. Wu, Liang-Yu. 1962. *Canadian Journal of Zoology* 40:391–393. Holo—f; Allo—m; Para—58 f, 18 m. Accn. 33.
- bruciei*, *Diplolaimelloides*. Hopper, B. E. 1970. *Canadian Journal of Zoology* 48:573–575. Holo—m; Allo—f; Para—4 f, 11 m. Accn. 202.
- buxophilus*, *Rotylenchus*. Golden, A. M. 1956. *Maryland Agricultural Experiment Station Bulletin A-85*. 28 pp. Para—7 f. Accn. 315.
- cairnsi*, *Helicotylenchus*. Waseem, M. 1961. *Canadian Journal of Zoology* 39:505–509. Holo—f; Para—1 f. Accn. 51.
- calamagrostis*, *Anguina*. Wu, Liang-Yu. 1967. *Canadian Journal of Zoology* 45:1003–1010. Holo—f; Allo—m; Para—108 f, 4 m. Accn. 156.
- californicus*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1–56. Para—3 f, 4 m, 8 y. Accn. 293.
- calvus*, *Rotylenchus*. Sher, S. A. 1965. Ne-

- matologica 11:173-198. Para—8 f, 3 m. Accn. 311.
- calx*, *Theristus* (*Penzancia*). Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 102.
- camelliae*, *Meloidogyne*. Golden, A. M. 1979. Journal of Nematology 11:175-189. Para—8 f, 2 m, 16 s. Accn. 364.
- canadensis*, *Helicotylenchus*. Waseem, M. 1961. Canadian Journal of Zoology 39:505-509. Holo—f; Para—f. Accn. 50.
- canadensis*, *Heterodera*. Mulvey, R. H. 1979. Journal of Nematology 11:363-371. Holo—f; Para—3 f, 21 cst, 15 s. Accn. 246.
- canadensis*, *Macrolaimus*. Sanwal, D. C. 1960. Canadian Journal of Zoology 32:1127-1131. Holo—m; Para—8 f, 5 m. Accn. 10.
- canadensis*, *Macroposthonia*. Ebsary, B. A. 1981. Canadian Journal of Zoology 59:115-118. Holo—f; Para—6 f. Accn. 250.
- canadensis*, *Paramermis*. Steiner, G. 1924. Canadian Entomologist 56:161-164. Para—3 f. Accn. 307.
- canadianum*, *Paraplectonema*. Hopper, B. E. 1968. Canadian Journal of Zoology 46:655-661. Holo—m; Allo—f; Para—9 f, 15 m. Accn. 160.
- canicula*, *Paramonhystera*. Wieser, W., and B. E. Hopper 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 100.
- capacosus*, *Bathylaimus*. Hopper, B. E. 1962. Canadian Journal of Zoology 40:41-52. Holo—m; Allo—f; Para—4 f, 2 m. Accn. 38.
- capitospinosum*, *Crossonema*. Ebsary, B. A. 1979. Canadian Journal of Zoology 57:2319-2324. Holo—f; Para—13 f, 5 s. Accn. 242.
- caroliniensis*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—9 f. Accn. 297.
- caudacrena*, *Hirschmanniella*. Sher, S. A. 1968. Nematologica 14:243-275. Para—6 f, 3 m. Accn. 304.
- caudaphasmidius*, *Rotylenchus*. Sher, S. A. 1965. Nematologica 11:173-198. Para—3 f, 3 m. Accn. 313.
- cavenessi*, *Prionchulellus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Para—9 f. Accn. 141.
- celetum*, *Criconema*. Wu, Liang-Yu. 1960. Canadian Journal of Zoology 38:913-916. Holo—f; Para—50 f. Accn. 14.
- cephalidum*, *Scutellonema*. Anderson, R. V., Zafar A. Handoo, and J. L. Townshend. 1984. Canadian Journal of Zoology 62:1091-1094. Holo—f; Para—32 f. Accn. 277.
- chalcoensis*, *Punctodera*. Stone, A. R., C. Sosa Moss, and R. H. Mulvey 1976. Nematologica 22:381-389. Para—10 cst, 20 y. Accn. 359.
- chamberlaini*, *Neotonchus*. Wieser, W., and B. E. Hopper. 1966. Canadian Journal of Zoology 44:519-532. Holo—m; Allo—f; Para—m. Accn. 118.
- chapmani*, *Aproctonema*. Nickle, W. R. 1969. Journal of Nematology 1:49-54. Para—2 f, 2 m. Accn. 309.
- charis*, *Meloidodera*. Hopper, B. E. 1960. Canadian Journal of Zoology 38:939-947. Holo—f; Para—5 f, 2 s. Accn. 13.
- chitwoodi*, *Meloidogyne*. Golden, A. M., J. H. O'Bannon, G. S. Santo, and A. M. Finley. 1980. Journal of Nematology 12:319-327. Para—3 m, 34 y, 7 s. Accn. 377.
- churchillensis*, *Hydromermis*. Welch, H. E. 1960. Canadian Journal of Zoology 38:465-474. Holo—f; Allo—m; Para—14 f. Accn. 110.
- circellus*, *Merlinius*. Anderson, R. V., and B. A. Ebsary. 1982. Canadian Journal of Zoology 60:521-529. Holo—f; Allo—m; Para—1 f, 1 m. Accn. 254.
- clarkei*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—1 f, 2 m. Accn. 288.
- clarki*, *Iotonchus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Para—1 f. Accn. 132.
- cobbi*, *Polygonchulus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Allo—m; Para—9 f. Accn. 139.
- concaudajuvencus*, *Hoplolaimus*. Golden, A. M., and N. A. Minton. 1970. Journal of Nematology 2:161-166. Topo—51 f, 40 m. Accn. 330.
- cornurus*, *Helicotylenchus*. Anderson, R. V. 1974. Canadian Journal of Zoology 52:1365-1381. Holo—f; Allo—m; Para—44 f, 18 m, 6 y. Accn. 217.
- coxi*, *Zelandodera*. Wouts, W. M. 1973. Ne-

- matologica 19:218–235. Para—2 f, 1 m. Accn. 356.
- crassacuticulus*, *Dactyloctenychus*. Wu, Liang-Yu. 1968. *Canadian Journal of Zoology* 46:831–833. Holo—f; Allo—m; Para—5 f, 2 m, 7 y. Accn. 161.
- crassatus*, *Helicotylenchus*. Anderson, R. V. 1973. *Canadian Journal of Zoology* 52:1195–1200. Holo—f; Allo—m; Para—18 f. Accn. 215.
- crenacauda*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1–56. Para—6 f. Accn. 287.
- crenatus*, *Criconemoides*. Loof, P. A. A. 1964. *Verslagen Plantenziektenkundigen dienst Wageningen* 141:160–168. Topo—2f. Accn. 75D.
- cruciani*, *Meloidogyne*. Garcia-Martinez, R., A. L. Taylor, and G. C. Smart, Jr. 1982. *Journal of Nematology* 14:292–303. Para—f, 2 m, 5 y, 4 s. Accn. 382.
- curvicaudus*, *Mylonchulus*. Mulvey, R. H., and H. J. Jensen. 1967. *Canadian Journal of Zoology* 45:667–727. Holo—f. Accn. 138.
- cylindricaudus*, *Tylenchus*. Wu, Liang-Yu. 1969. *Canadian Journal of Zoology* 47:1005–1010. Holo—f; Para—1 f. Accn. 187.
- cylindrocaudatus*, *Haliplectus*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 47:684–685. Holo—m; Allo—f. Accn. 169.
- decarinus*, *Teratocephalus*. Anderson, R. V. 1969. *Canadian Journal of Zoology* 47:829–840. Holo—f; Para—17 f. Accn. 175.
- decaudata*, *Agamermis*. Cobb, N. A., G. Steiner, and J. R. Christie. 1923. *Journal of Agricultural Research* 23:921–926. Paralecto—2 f, 1 m. Ref. Nickle, W. R. 1972. *Journal of Nematology* 4:113–146. Accn. 348.
- deletrix*, *Micronema*. Anderson, R. V., and W. J. Bemrick. 1965. *Proceedings of the Helminthological Society of Washington* 32:74–75. Para—42 f. Accn. 362.
- deltensis*, *Gastromermis*. Hominick, W. M., and H. E. Welch. 1971. *Canadian Journal of Zoology* 49:807–816. Holo—f; Allo—m; Para—3 f, 3 m. Accn. 208.
- denticulata*, *Atrochromadora*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 90.
- denticulata*, *Tricoma*. Timm, R. W. 1970. *University of California Publications in Zoology* 93:1–115. Holo—m; Allo—f. Accn. 176.
- diadecturus*, *Longidorus*. Eveleigh, E. S., and W. R. Allen. 1982. *Canadian Journal of Zoology* 60:112–115. Holo—f; Para—23 f. Accn. 261.
- dianae*, *Eubostrichus*. Hopper, B. E., and Rose C. Cefalu. 1973. *Transactions of the American Microscopical Society* 92:578–591. Holo—m; Allo—f; Para—18 f, 11 m, 8 y. Accn. 205.
- digonicus*, *Helicotylenchus*. Perry, V. G., H. M. Darling, and G. Thorne. 1959. *University of Wisconsin Research Bulletin* 207:1–24. Topo—10 f. Accn. 274.
- dimorpha*, *Desmodora*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:183–199. Holo—m; Allo—f; Para—4 f. Accn. 20.
- dimorpha*, *Rhabditis (Cephaloboides)*. Sudhaus, W. 1976. *Zoologica* 125:1–229. Para—10 f, 14 m. Accn. 393.
- diversa*, *Hirschmanniella*. Sher, S. A. 1968. *Nematologica* 14:243–275. Para—3 f, 2 m. Accn. 306.
- dolichodoryphorus*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1–56. Para—4 f, 1 m, 1 y. Accn. 291.
- dryadis*, *Ditylenchus*. Anderson, R. V., and R. H. Mulvey. 1980. *Canadian Journal of Zoology* 58:363–368. Holo—f; Allo—m; Para—121 f, 85 m. Accn. 245.
- dubicola*, *Monhystera*. Hopper, B. E., and S. P. Meyers. 1967. *Bulletin of Marine Science* 17:471–517. Holo—f; Para—6 f. Accn. 145.
- dubius*, *Panagrellus*. Sanwal, K. C. 1960. *Canadian Journal of Zoology* 38:1041–1046. Holo—m; Para—8 f, 3 m. Accn. 9.
- edax*, *Polygastrophora*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–334. Holo—m. Accn. 72.
- egregius*, *Longicyatholaimus*. Hopper, B. E. 1972. *Zoologischer Anzeiger* 189:64–88. Holo—m; Para—2 m. Accn. 201.
- elongatum*, *Oncholaimoides*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:183–199. Holo—m. Accn. 18.
- enatus*, *Enoplolaimus*. Hopper, B. E. 1962. *Canadian Journal of Zoology* 40:41–52. Holo—f; Allo—m; Para—2 f, 3 m. Accn. 35.
- entomophagus*, *Sheraphelenchus*. Nickle, W. R. 1970. *Proceedings of the Helmin-*

- thological Society of Washington 37: 105-109. Para—2 f, 5 m. Accn. 324.
- epicharoides*, *Hemicyclophora*. Loof, P. A. A. 1968. Mededelingen Landbouwhoogeschool Wageningen 68:1-43. Topo—2 f. Accn. 353.
- epidemos*, *Chromadorina*. Hopper, B. E., and S. P. Meyers. 1967. Bulletin of Marine Science 17:471-517. Holo—m; Allo—f; Para—33 f, 5 m. Accn. 142.
- eratos*, *Marilynia*. Hopper, B. E. 1972. Zoologischer Anzeiger 189:64-88. Holo—m. Accn. 196.
- erectus*, *Theristus* (*Trichotheristus*). Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 105.
- eucalypti*, *Cryphodera*. Colbran, R. C. 1966. Queensland Journal of Agricultural and Animal Science 23:41-47. Para—1 f, 2 m, 5 y. Accn. 328.
- europaesus*, *Nygalaimus* (*Nygalaimus*). Heyns, J. 1968. Entomology Memoirs, South Africa 29:1-144. Holo—f. Accn. 159.
- ewingi*, *Tylenchorhynchus*. Hopper, B. E. 1959. Nematologica 4:23-30. Para—3 f. Accn. 322.
- exallus*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—6 f, 1 y. Accn. 295.
- excretorius*, *Eutylenchus*. Ebsary, B. A., and E. S. Eveleigh. 1981. Canadian Journal of Zoology 59:1973-1975. Holo—f; Para—3 f, 3 y. Accn. 260.
- eximius*, *Rotylenchus*. Siddiqi, M. R. 1964. Nematologica 10:101-104. Para—1 f. Accn. 316.
- exochopora*, *Punctodora*. Hopper, B. E. 1963. Canadian Journal of Zoology 41:1121-1126. Holo—m; Allo—f; Para—8 f, 5 m. Accn. 47.
- fastidiosus*, *Termirhabditis*. Massey, C. L. 1971. Journal of Invertebrate Pathology 17:238-242. Para—5 f, 2 m. Accn. 334.
- fellator*, *Gomphionema*. Wieser, W., and B. E. Hopper. 1966. Canadian Journal of Zoology 44:519-532. Holo—m; Allo—f; Para—13 f, 9 m. Accn. 122.
- fibulatus*, *Mesacanthoides*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 64.
- filiformis*, *Dactylotylenchus*. Wu, Liang-Yu. 1969. Canadian Journal of Zoology 47: 909-911. Holo—f; Para—1 f. Accn. 190.
- filimus*, *Ditylenchus*. Anderson, R. V. 1983. Canadian Journal of Zoology 61:2319-2323. Holo—f; Para—18 f, 1 m. Accn. 274.
- flipjevi*, *Ditlevsenella*. Hopper, B. E. 1963. Canadian Journal of Zoology 41:841-863. Holo—f; Para—1 f. Accn. 45.
- flipjevi*, *Tobrilus*. Ebsary, B. A. 1982. Canadian Journal of Zoology 60:3048-3062. Holo—m; Para—4 m. Accn. 267.
- fmbriatum*, *Ereptonema*. Anderson, R. V. 1966. Canadian Journal of Zoology 44: 815-820. Holo—f; Para—16 f. Accn. 123.
- fstulatus*, *Theristus* (*Trichotheristus*). Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 107.
- fletcherensis*, *Coomansus*. Mulvey, R. H. 1978. Canadian Journal of Zoology 56:1847-1868. Holo—m; Allo—f; Para—6 f, 8 m. Accn. 237.
- floridanus*, *Theristus* (*Trichotheristus*). Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 104.
- fumenalis*, *Mesomermis*. Welch, H. E. 1962. Annals of the Entomological Society of America 55:535-542. Holo—f; Allo—m; Para—12 f, 12 m. Accn. 58.
- fluvialis*, *Dolichodera*. Mulvey, R. H., and B. A. Ebsary. 1980. Canadian Journal of Zoology 58:1697-1702. Holo—cst; Para—3 y, 5 cst. Accn. 247.
- fuhmanni*, *Bathymermis*. Daday, E. 1911. Revue Suisse de Zoologie 19:501-536. Neo—f; Topo—1 m. Ref. Nickle, W. R. 1972. Journal of Nematology 4:113-146. Accn. 347.
- fusiformis*, *Tylenchus*. Thorne, G., and R. B. Malek. 1968. South Dakota Agricultural Experiment Station Technical Bulletin 31. 111 pp. Para—5 f. Accn. 361.
- galeatus*, *Theristus* (*Trichotheristus*). Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 106.
- gracile*, *Criconema* (*Variasquamata*). Mehta, U. K., and D. J. Raski. 1971. Indian Journal of Nematology 1:145-198. Para—1 f. Accn. 338.
- gracililancea*, *Thecavermiculatus*. Robbins, R. T. 1978. Journal of Nematology 10:250-254. Para—1 f, 49 y. Accn. 389.
- gracilis*, *Roqueus*. Thorne, G. 1964. University of Puerto Rico Agriculture Ex-

- periment Station Technical Paper 39. 51 pp. Para—1 f, 1 m. Accn. 318.
- grahami*, *Meloidogyne*. Golden, A. M., and L. J. Slana. 1978. *Journal of Nematology* 10:355–361. Para—7 s, 6 y. Accn. 365.
- grandaspicatus*, *Dolichodorus*. Robbins, R. T. 1982. *Journal of Nematology* 14:507–511. Para—3 f, 2 m. Accn. 386.
- grandispiculosum*, *Corethrellonema*. Nickle, W. R. 1969. *Journal of Nematology* 1: 49–54. Para—2 f, 2 m. Accn. 310.
- gryphus*, *Enoploides*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 63.
- gnotylurus*, *Aphelenchoides*. Timm, R. W., and Mary T. Franklin. 1969. *Nematologica* 15:370–375. Para—4 m. Accn. 326.
- haguei*, *Aphelenchoides*. Maslen, N. R. 1979. *Nematologica* 25:288–308. Para—1 f, 1 m. Accn. 371.
- hamata*, *Spirinia*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 78.
- hamatus*, *Bathylaimus*. Hopper, B. E. 1968. *Canadian Journal of Zoology* 46:1103–1111. Holo—m. Accn. 163.
- haplostoma*, *Anomonema*. Hopper, B. E. 1963. *Canadian Journal of Zoology* 41:841–863. Holo—m. Accn. 42.
- hastatus*, *Prooncholaimus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–334. Holo—m. Accn. 69.
- hastatus*, *Sphaerularia*. Khan, M. A. 1957. *Canadian Journal of Zoology* 38:225–226. Lecto—f; Paralecto—33 f, 2 m. Ref. Mulvey, R. H. 1965. *Nematology Newsletter* 11:16–25. Accn. 2.
- hazenensis*, *Hofmanneria*. Mulvey, R. H. 1962. *Canadian Journal of Zoology* 47: 365–382. Holo—f; Para—4 f. Accn. 167.
- hazenensis*, *Tylenchus*. Wu, Liang-Yu. 1969. *Canadian Journal of Zoology* 47:1005–1010. Holo—f; Para—3 f. Accn. 185.
- helicosoma*, *Aphelenchoides*. Maslen, N. R. 1979. *Nematologica* 25:288–308. Para—1 f, 1 m; Topo—5 f. Accn. 372.
- hemisphaericaudata*, *Criconemoides*. Wu, Liang-Yu. 1965. *Canadian Journal of Zoology* 43:203–214. Holo—f; Allo—m; Para—40 f, 12 m. Accn. 54.
- hexapilus*, *Axonolaimus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 94.
- hirsutum*, *Rhynchonema*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:359–365. Holo—m; Allo—f; Para—8 f. Accn. 26.
- hollisi*, *Meiodorus*. Siddiqi, M. R. 1976. *Nematologica* 22:390–416. Para—2 f, 2 m. Accn. 387.
- hopperi*, *Miconchus*. Mulvey, R. H. 1962. *Canadian Journal of Zoology* 40:65–81. Holo—f; Allo—m; Para—2 f, 2 m. Accn. 32.
- hopperi*, *Nygolaimellus*. Heyns, J. 1968. *Entomology Memoirs South Africa* 19: 1–144. Holo—f; Allo—m; Para—2 f, 2 m. Accn. 158.
- hopperi*, *Tricoma*. Timm, R. W. 1970. *University of California Publications in Zoology* 93:1–15. Holo—m; Allo—f; Para—3 f. Accn. 177.
- hunti*, *Huntaphelenchoides*. Steiner, G. 1935. *Proceedings of the Helminthological Society of Washington* 2:104–110. Paralecto—1 f, 1 m. Ref. Nickle, W. R. 1970. *Journal of Nematology* 2:375–392. Accn. 329.
- hyalacus*, *Mulveyotus*. Anderson, R. V., and B. A. Ebsary. 1982. *Canadian Journal of Zoology* 60:521–529. Holo—f; Para—1 f. Accn. 256.
- hydrophila*, *Sarisodera*. Wouts, W. M., and S. A. Sher. 1971. *Journal of Nematology* 3:129–144. Para—3 f, 13 m, 14 y. Accn. 377.
- hydrophilus*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1–56. Para—5 f, 2 m. Accn. 286.
- hyparrheniae*, *Anguina*. Corbett, D. C. M. 1966. *Nematologica* 15:280–286. Para—19 f. Accn. 373.
- ina*, *Nothocriconemella*. Skwiercz, Andrzej, T. 1982. *Nematologica* 28:271–276. Para—1 f. Accn. 272.
- inaurita*, *Chromaspirina*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 272.
- inglisi*, *Xyzors*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 75.
- intermedius*, *Metoncholaimus*. Wieser, W., and

- B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 85.
- interruptus*, *Hypodontolaimus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 85.
- irregularis*, *Tylenchorhynchus*. Wu, Liang-Yu. 1969. Canadian Journal of Zoology 47:563-567. Holo—f; Allo—m; Para—43 f, 7 m. Accn. 170.
- isomerus*, *Aphelenchus* (*Anaphelenchus*). Anderson, R. V., and D. J. Hooper. 1980. Canadian Journal of Zoology 58:924-928. Holo—f; Para—10 f. Accn. 244.
- iyengari*, *Romanomermis*. Welch, H. E. 1964. Pilot Registry of Zoology, Card 4:1-2. Holo—f; Allo—m; Para—5 f, 3 m. Accn. 59.
- kansasensis*, *Miconchus*. Mulvey, R. H., and O. J. Dickerson. 1970. Canadian Journal of Zoology 48:231-234. Holo—f; Allo—m; Para—2 f, 2 m. Accn. 194.
- labiosus*, *Paratylenchus*. Anderson, R. V., and J. Kimpinski. 1977. Canadian Journal of Zoology 55:1992-1996. Holo—f; Para—12 f, 4 m. Accn. 226.
- labiosus*, *Periplectus*. Sanwal, K. C. 1968. Canadian Journal of Zoology 46:991-1003. Holo—f; Allo—m; Para—11 f, 9 m, 5 y. Accn. 165.
- laminatus*, *Tylenchorhynchus*. Wu, Liang-Yu. 1969. Canadian Journal of Zoology 47:563-567. Holo—f; Allo—m; Para—9 f, 4 m. Accn. 172.
- latipons*, *Heterodera*. Franklin, Mary T. 1969. Nematologica 15:535-542. Para—1 f, 6 m, 5 s, 1 cst. Accn. 325.
- leioccephalus*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—5 f. Accn. 294.
- lenorus*, *Tylenchorhynchus*. Brown, Georgianna L. 1956. Proceedings of the Helminthological Society of Washington 23:152-153. Holo—f; Allo—m; Para—25 f, 15 m. Accn. 1.
- leptoderos*, *Neomesomermis*. Mulvey, R. H., and W. R. Nickle. 1978. Canadian Journal of Zoology 56:1291-1329. Holo—m. Accn. 233.
- leptopeos*, *Gastromermis*. Mulvey, R. H., and W. R. Nickle. 1978. Canadian Journal of Zoology 56:1291-1329. Holo—m; Para—4 f, 5 m. Accn. 228.
- libidinosum*, *Illium*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-334. Holo—m. Accn. 71.
- lirellus*, *Teratocephalus*. Anderson, R. V. 1969. Canadian Journal of Zoology 47:829-840. Holo—f; Para—11 f. Accn. 173.
- lobus*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—8 f. Accn. 284.
- longicaudatus*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—7 f, 3 y. Accn. 285.
- longidrilus*, *Paractinolaimus*. Eveleigh, E. S. 1982. Canadian Journal of Zoology 60:112-115. Holo—m; Allo—f; Para—14 f. Accn. 259.
- longisetosus*, *Halalaimus*. Hopper, B. E. 1962. Canadian Journal of Zoology 40:41-52. Holo—f. Accn. 39.
- longispiculata*, *Terschellingia*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-334. Holo—m. Accn. 98.
- longus*, *Tylenchorhynchus*. Wu, Liang-Yu. 1969. Canadian Journal of Zoology 47:563-567. Holo—f; Allo—m; Para—1 f, 1 m. Accn. 171.
- lonicerae*, *Sherodera*. Wouts, W. M. 1973. Nematologica 19:279-284. Para—4 f, 3 m, 10 y. Accn. 357.
- loofi*, *Nothocriconema*. de Grisse, A. 1967. Mededelingen van de Landbouwhoogschool te Wageningen 30:577-603. Topo—2 f, 1 m. Accn. 340.
- lucida*, *Tricoma*. Timm, R. W. 1970. University of California Publications in Zoology 93:1-115. Holo—m; Allo—f; Para—2 m. Accn. 178.
- lunatus*, *Paramicrolaimus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-334. Holo—m. Accn. 84.
- lutosa*, *Hemicycliophora*. Loof, P. A. A., and J. Heyns. 1969. Nematologica 15:464-472. Para—4 f. Accn. 352.
- lutosus*, *Neotonchus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-334. Holo—m. Accn. 91.
- macrocauda*, *Crassibucca*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Para—1 f. Accn. 126.
- macrocellus*, *Stictylus*. Anderson, R. V., and



- V. M. Das. 1967. *Canadian Journal of Zoology* 45:243-248. Holo—f; Allo—m; Para—18 f, 9 m. Accn. 148.
- macropapillatus*, *Mononchus*. Mulvey, R. H. 1967. *Canadian Journal of Zoology* 45: 915-940. Holo—f; Allo—m; Para—2 f, 5 m. Accn. 150.
- macrospiculatus*, *Halichoanolaimus*. Hopper, B. E. 1961. *Canadian Journal of Zoology* 39:183-194. Holo—m. Accn. 19.
- macrospiculatus*, *Hydromermis*. Mulvey, R. H., and W. R. Nickle. 1978. *Canadian Journal of Zoology* 56:1291-1329. Holo—m; Para—2 m. Accn. 230.
- macrostylus*, *Ektaphelenchus*. Khan, M. A. 1960. *Canadian Journal of Zoology* 38: 91-97. Lecto—m; Paralecto—6 f, 1 m. Ref. Mulvey, R. H. 1965. *Nematology Newsletter* 11:16-25. Accn. 11.
- macrostylus*, *Pratylenchus*. Wu, Liang-Yu. 1971. *Canadian Journal of Zoology* 49: 487-489. Holo—f; Allo—m; Para—37 f. Accn. 204.
- magnistylus*, *Hoplolaimus*. Robbins, R. T. 1982. *Journal of Nematology* 14:500-506. Para—4 f, 2 m. Accn. 390.
- major*, *Meyersia*. Hopper, B. E. 1967. *Marine Biology* 1:145-151. Holo—m; Allo—f; Para—14 f, 7 m. Accn. 153.
- marilynae*, *Longicyatholaimus*. Hopper, B. E. 1972. *Zoologischer Anzeiger* 189:64-88. Holo—m; Allo—f; Para—4 f, 8 m. Accn. 200.
- marina*, *Hirschmanniella*. Sher, S. A. 1968. *Nematologica* 14:243-275. Para—4 f. Accn. 302.
- marinus*, *Aphelenchoides*. Timm, R. W., and Mary T. Franklin. 1969. *Nematologica* 15:370-375. Para—5 f, 2 m. Accn. 329.
- marylandicus*, *Dolichodoros*. Lewis, S. A., and A. M. Golden. 1981. *Journal of Nematology* 13:128-135. Para—4 f, 1 m. Accn. 380.
- matadorensis*, *Punctodera*. Mulvey, R. H., and A. R. Stone. 1976. *Canadian Journal of Zoology* 54:772-785. Holo—cst; Para—16 f, 16 cst, 15 y. Accn. 224.
- mayri*, *Monoposthioides*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239-344. Holo—m. Accn. 83.
- meadi*, *Euchromadora*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239-344. Holo—m. Accn. 89.
- medicaginis*, *Heterodera*. Kirjanova, E. S., in E. S. Kirjanova and E. Krall. 1971. *Leningrad: Akademiya Nauk SSSR*. 522 pp. Para—2 cst, 1 s, 1 m, 10 y. Accn. 384.
- megacondylus*, *Hadrodemus*. Mulvey, R. H. 1969. *Canadian Journal of Zoology* 47: 1261-1268. Holo—f; Para—1 f. Accn. 188.
- megadontus*, *Polygonchulus*. Mulvey, R. H., and H. J. Jensen. 1967. *Canadian Journal of Zoology* 45:667-727. Holo—f; Allo—m; Para—1 f, 1 m. Accn. 140.
- megamphida*, *Tricoma*. Timm, R. W. 1970. *University of California Publications in Zoology* 93:1-115. Holo—m; Allo—f; Para—1 f, 2 m. Accn. 179.
- melotridus*, *Neotonchus*. Wieser, W., and B. E. Hopper. 1966. *Canadian Journal of Zoology* 44:519-532. Holo—m; Para—1 m. Accn. 119.
- meridiana*, *Metachromadora*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239-344. Holo—m. Accn. 81.
- meyersi*, *Halalaimus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239-344. Holo—m. Accn. 60.
- microcephalus*, *Helicotylenchus*. Sher, S. A. 1966. *Nematologica* 12:1-56. Para—12 f. Accn. 283.
- microdonta*, *Crassibucca*. Mulvey, R. H., and H. J. Jensen, 1967. *Canadian Journal of Zoology* 45:667-727. Holo—m; Para—3 m. Accn. 127.
- micropeos*, *Capitomermis*. Mulvey, R. H., and W. R. Nickle. 1978. *Canadian Journal of Zoology* 56:1291-1329. Holo—m; Para—2 f. Accn. 234.
- microtyla*, *Hirschmanniella*. Sher, S. A. 1968. *Nematologica* 14:243-275. Para—4 f. Accn. 301.
- microtyla*, *Meloidogyne*. Mulvey, R. H., J. L. Townshend, and J. W. Potter. 1975. *Canadian Journal of Zoology* 53:1528-1536. Holo—f; Allo—m; Para—14 f, 4 m, 18 s. Accn. 222.
- minor*, *Meyersia*. Hopper, B. E. 1967. *Marine Biology* 1:145-151. Holo—m, Allo—f; Para—3 f, 9 m. Accn. 154.
- minora*, *Hemicyclophora*. Wu, Liang-Yu. 1966. *Canadian Journal of Zoology* 44: 225-234. Holo—f; Para—82 f. Accn. 116.
- minzi*, *Helicotylenchus*. Sher, S. A. 1966. *Ne-*

- matologica 12:1-56. Para—5 f, 1 m. Accn. 282.
- mirabile*, *Elaphonema*. Heyns, J. 1962. Proceedings of the Helminthological Society of Washington 29:128-130. Para—1 f, 1 y. Accn. 299.
- monohystera*, *Hadronchus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Para—4 f. Accn. 130.
- monohystera*, *Terschellingia*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 99.
- mulsa*, *Marilynia*. Hopper, B. E. 1972. Zoologischer Anzeiger 189:64-88. Holo—m. Accn. 199.
- multiapillatum*, *Isolaimium*. Timm, R. W. 1969. Journal of Nematology 1:97-106. Para—1 f, 1 m. Accn. 321.
- mulveyi*, *Hexatyclus*. Das, V. M. 1964. Canadian Journal of Zoology 42:649-653. Holo—f; Para—4 f. Accn. 49.
- muspratti*, *Reesimermis*. Obiamiwe, B. A., and W. W. Macdonald. 1973. Annals of Tropical Medicine and Parasitology 67:439-444. Para—6 f, 3 m. Accn. 344.
- narragansettense*, *Synodontium*. Hopper, B. E. 1962. Canadian Journal of Zoology 40:41-52. Holo—m; Allo—f; Para—1 f, 1 m. Accn. 36.
- nataliei*, *Meloidogyne*. Golden, A. M., Rose M. Lindy, and G. W. Bird. 1981. Journal of Nematology 13:393-400. Para—7 s, 21 y. Accn. 381.
- neodavaini*, *Tylenchus*. Wu, Liang-Yu. 1969. Canadian Journal of Zoology 47:1005-1010. Holo—f; Para—4 f. Accn. 183.
- neoprojectus*, *Paratylenchus*. Wu, Liang-Yu. 1974. Canadian Journal of Zoology 52:1841-1843. Holo—f; Para—172 f. Accn. 221.
- nielsenii*, *Reesimermis*. Tsai, Yuan-Hwang, and A. W. Grundmann. 1969. Proceedings of the Helminthological Society of Washington 36:61-67. Para—1 f, 1 m. Accn. 343.
- nigeriensis*, *Aphasmatylenchus*. Sher, S. A. 1965. Proceedings of the Helminthological Society of Washington 32:172-176. Para—4 f, 1 m, 9 y. Accn. 298.
- nigeriensis*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—6 f, 5 m. Accn. 292.
- nigeriensis*, *Iotonchus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 15:667-727. Holo—f; Allo—m; Para—4 f, 4 m. Accn. 133.
- nothophagi*, *Zelandodera*. Wouts, W. M. 1973. Nematologica 19:218-235. Para—2 f, 1 m. Accn. 354.
- occiduum*, *Xiphinema*. Ebsary, B. A., J. W. Potter, and W. R. Allen. 1984. Canadian Journal of Zoology 62:1696-1702. Holo—f, Allo—m; Para—39 f. Accn. 278.
- ocellidecoris*, *Monhystera*. Hopper, B. E., and S. P. Meyers. 1967. Bulletin of Marine Science 17:451-517. Holo—m; Para—1 m. Accn. 144.
- oculissoma*, *Marilynia*. Hopper, B. E. 1972. Zoologischer Anzeiger 189:64-88. Holo—m; Allo—f; Para—4 f, 5 m, 2 y. Accn. 198.
- oncholaimelloides*, *Viscosia*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 70.
- oryzae*, *Meloidogyne*. Maas, P. W. Th., Hetty Sanders, and Jannie Dede. 1978. Nematologica 24:305-311. Para—10 s, 3 f, 1 m, 13 y. Accn. 363.
- oscephalus*, *Helicotylenchus*. Anderson, R. V. 1979. Canadian Journal of Zoology 57:337-342. Holo—f; Para—12 f. Accn. 240.
- ossiculum*, *Rhabpanus*. Massey, C. L. 1971. Journal of Invertebrate Pathology 17:238-242. Para—5 f, 5 m. Accn. 333.
- osientator*, *Theristus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 103.
- pachopeos*, *Gastromermis*. Mulvey, R. H., and W. R. Nickle. 1978. Canadian Journal of Zoology 56:1291-1329. Holo—m; Para—3 f, 18 m. Accn. 229.
- palustris*, *Hydromermis*. Hominick, W. M., and H. E. Welch. 1971. Canadian Journal of Zoology 49:807-816. Holo—f; Allo—m; Para—2 f, 1 m. Accn. 209.
- pandispiculatus*, *Hypodontolaimus*. Hopper, B. E. 1961. Canadian Journal of Zoology 39:359-365. Holo—m; Allo—f; Para—5 f, 6 m. Accn. 25.
- parabasidontus*, *Iotonchus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Allo—m; Para—2 f. Accn. 134.
- paracupida*, *Sabatieria*. Wieser, W., and B.

- E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 93.
- paradoxa*, *Sabatieria*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 92.
- parapellucidus*, *Tobrilus*. Ebsary, B. A. 1982. *Canadian Journal of Zoology* 60:3048–3062. Holo—f; Allo—m; Para—2 f, 2 m. Accn. 266.
- paraponticus*, *Axonolaimus*. Hopper, B. E. 1963. *Canadian Journal of Zoology* 41:841–863. Holo—m; Allo—f; Para—9 f, 12 m. Accn. 43.
- pararapax*, *Miconchus*. Mulvey, R. H., and H. J. Jensen. 1967. *Canadian Journal of Zoology* 45:667–727. Holo—f; Para—3 f. Accn. 136.
- parareedi*, *Macroposthonia*. Ebsary, B. E. 1981. *Canadian Journal of Zoology* 59:115–118. Holo—f; Para—3 f. Accn. 249.
- parasaprophilus*, *Aphelenchoides*. Sanwal, K. C. 1965. *Canadian Journal of Zoology* 43:933–940. Holo—f; Allo—m; Para—2 f. Accn. 113.
- parobscurus*, *Tylenchorhynchus*. Mulvey, R. H. 1969. *Canadian Journal of Zoology* 47:1245–1248. Holo—f; Allo—m; Para—2 f, 1 m. Accn. 193.
- pectinata*, *Euchromadora*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 88.
- pelor*, *Metoncholaimus*. Hopper, B. E. 1967. *Marine Biology* 1:145–151. Holo—m; Allo—f; Para—16 f, 15 m. Accn. 151.
- penicula*, *Crassibucca*. Mulvey, R. H., and H. J. Jensen. 1967. *Canadian Journal of Zoology* 45:667–727. Holo—f; Allo—m; Para—3 f. Accn. 125.
- persegnis*, *Cephalobus*. Bastian, H. C. 1865. *Transactions of the Linnean Society of London* 25:73–184. Neo—f; Topo—18 f, 7 m. Ref. Anderson, R. V., and D. J. Hooper. 1970. *Canadian Journal of Zoology* 48:457–469. Accn. 191.
- pesavis*, *Paracanthonus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 77.
- petasus*, *Criconemoides*. Wu, Liang-Yu. 1965. *Canadian Journal of Zoology* 43:203–214. Holo—f; Topo—6 f, 1 y, 1 s. Ref.
- Ebsary, B. A. 1978. *Canadian Journal of Zoology* 56:1526–1529. Accn. 53.
- peterseni*, *Diximermis*. Nickle, W. R. 1972. *Journal of Nematology* 4:113–146. Para—1 f, 1 m. Accn. 341.
- phaleratus*, *Neotonchus*. Wieser, W., and B. E. Hopper. 1966. *Canadian Journal of Zoology* 44:519–532. Holo—m; Allo—f; Para—1 m. Accn. 120.
- phalerus*, *Helicotylenchus*. Anderson, R. V. 1974. *Canadian Journal of Zoology* 52:1365–1381. Holo—f; Para—11 f. Accn. 218.
- pilosus*, *Hypodontolaimus*. Hopper, B. E., and S. P. Meyers. 1967. *Bulletin of Marine Science* 17:451–517. Holo—m; Allo—f; Para—11 f, 8 m. Accn. 143.
- pini*, *Xiphinema*. Heyns, J. 1965. *Nematologica* 11:87–99. Para—1 f, 2 m. Accn. 319.
- pinquicaudatus*, *Californidorus*. Robbins, R. T., and A. C. Weiner. 1978. *Revue de Nématologie* 1:189–195. Para—5 f, 7 y. Accn. 388.
- pinquicaudatus*, *Pratylenchus*. Corbett, D. C. M. 1969. *Nematologica* 15:550–556. Para—1 f. Accn. 358.
- pisquidensis*, *Hirschmanniella*. Ebsary, B. A., and G. Pharoah. 1982. *Canadian Journal of Zoology* 60:165–167. Holo—f; Para—19 f. Accn. 262.
- pissodi*, *Bealius*. Massey, C. L. 1971. *Annals of the Entomological Society of America* 64:162–169. Para—4 f, 1 m. Accn. 332.
- platypus*, *Paracanthonus*. Wieser, W., and B. E. Hopper. 1967. *Bulletin of the Museum of Comparative Zoology* 135:239–344. Holo—m. Accn. 76.
- pleriannulatus*, *Criconemoides*. Ebsary, B. A. 1979. *Canadian Journal of Zoology* 57:1–5. Holo—f; Para—3 f, 2 s. Accn. 239.
- plerorbus*, *Merlinius*. Anderson, R. V., and B. A. Ebsary. 1982. *Canadian Journal of Zoology* 60:521–529. Holo—f; Allo—m; Para—4 f. Accn. 253.
- plethelos*, *Gastromermis*. Mulvey, R. H., and W. R. Nickle. 1978. *Canadian Journal of Zoology* 56:1291–1329. Holo—m; Para—9 m. Accn. 227.
- podocarpi*, *Zelandodera*. Wouts, W. M. 1973. *Nematologica* 19:218–235. Para—5 f, 1 m. Accn. 355.
- polychaetophilus*, *Theristus*. Hopper, B. E. 1966. *Canadian Journal of Zoology* 44:

- 787-791. Holo—m; Allo—f; Para—7 f, 15 m. Accn. 124.
- porosum*, *Catanema*. Hopper, B. E., and Rose C. Cefalu. 1973. Transactions of the American Microscopical Society 92:578-591. Holo—m; Allo—f; Para—3 f, 1 y. Accn. 206.
- porosus*, *Pungentus*. Ebsary, B. A. 1983. Journal of Nematology 15:363-366. Holo—f; Para—20 f. Accn. 272.
- preclara*, *Marilynia*. Hopper, B. E. 1972. Zoologischer Anzeiger 189:64-88. Holo—m; Allo—f; Para—6 f, 13 m, 4 y. Accn. 197.
- prolatus*, *Filoncholaimus*. Hopper, B. E. 1967. Marine Biology 1:145-151. Holo—m; Para—6 m, 1 y. Accn. 155.
- pseudocampycoma*, *Metachromadora*. Hopper, B. E. 1961. Canadian Journal of Zoology 39:183-199. Holo—m; Allo—f; Para—1 f. Accn. 21.
- pseudolirellus*, *Teratocephalus*. Maslen, N. R. 1979. Nematologica 25:288-308. Para—1 f. Accn. 369.
- psittacus*, *Mesacanthoides*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 80.
- pulvinata*, *Metachromadora*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 80.
- punctatus*, *Enoplolaimus*. Hopper, B. E. 1961. Canadian Journal of Zoology 39:183-199. Holo—m; Allo—f; Para—2 f, 11 m. Accn. 17.
- quasidemani*, *Criconemoides*. Wu, Liang-Yu, 1965. Canadian Journal of Zoology 43:203-214. Holo—f; Para—13 f. Accn. 56.
- querciana*, *Meloidogyne*. Golden, A. M. 1979. Journal of Nematology 11:175-189. Para—4 f, 12 s. Accn. 365.
- raskienses*, *Macroposthonia*. de Grisse, A., and P. A. A. Loof. 1965. Mededelingen van de Landbouwhogeschool en der Opzoekingsstations van de Staat te Gent 30:577-603. Topo—2 f. Accn. 341.
- reciproca*, *Rhabditis* (*Rhabditis*). Sudhaus, W. 1974. Zoologische Jahrbücher. Systematic, Ökologie und Geographie der Tiere 101:417-465. Para—102 f, 9 m. Accn. 396.
- regenfussi*, *Rhabditis* (*Poikilolaimus*). Sudhaus, W. 1980. Zoologische Jahrbücher. Systematic, Ökologie und Geographie der Tiere 107:287-343. Para—21 f. Accn. 397.
- regius*, *Enoplolaimus*. Hopper, B. E. 1962. Canadian Journal of Zoology 40:41-52. Holo—m; Allo—f; Para—3 f, 5 m. Accn. 37.
- reniamphidum*, *Lauratonema*. Hopper, B. E. 1961. Canadian Journal of Zoology 39:183-199. Holo—m; Para—2 f, 2 m. Accn. 16.
- reversus*, *Hypodontolaimus*. Hopper, B. E. 1968. Canadian Journal of Zoology 46:1103-1111. Holo—m; Para—1 m. Accn. 164.
- rhombosquamatum*, *Criconema* (*Varisquamata*). Mehta, U. K., and D. J. Raski. 1971. Indian Journal of Nematology 1:145-198. Para—1 f. Accn. 337.
- rhynchonemoides*, *Theristus*. Hopper, B. E. 1961. Canadian Journal of Zoology 39:359-365. Holo—m; Allo—f; Para—3 m. Accn. 27.
- rhytium*, *Aphelenchoides*. Massey, C. L. 1971. Annals of the Entomological Society of America 64:162-169. Para—9 f, 1 m. Accn. 331.
- robustus*, *Paratylenchus*. Wu, Liang-Yu. 1974. Canadian Journal of Zoology 52:1423-1425. Holo—m; Allo—1 f. Accn. 180.
- rostrata*, *Tricoma*. Timm, W. R. 1970. University of California Publications in Zoology 93:1-115. Holo—m; Allo—1 f. Accn. 180.
- rotundicauda*, *Helicotylenchus*. Sher, S. A. 1966. Nematologica 12:1-56. Para—8 f. Accn. 296.
- rotundicaudata*, *Criconemoides*. Wu, Liang-Yu. 1965. Canadian Journal of Zoology 43:203-214. Holo—f; Allo—m; Para—13 f, 7 m, 2 y. Accn. 55.
- rugatocuticulatus*, *Rotylenchus*. Sher, S. A. 1965. Nematologica 11:173-198. Para—6 f, 2 m. Accn. 314.
- rugosus*, *Teratocephalus*. Maslen, N. R. 1979. Nematologica 25:288-308. Para—1 f, 1 m. Accn. 368.
- sablensis*, *Tobrillus*. Ebsary, B. A. 1982. Canadian Journal of Zoology 60:3048-3062. Holo—f; Allo—m; Para—15 f. Accn. 265.
- sansingi*, *Synodontium*. Hopper, B. E. 1963. Canadian Journal of Zoology 41:841-863. Holo—f; Para—1 f. Accn. 44.

- scissus*, *Metoncholaimus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 68.
- seta*, *Paratarvaia*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m; Para—1 f, 2 m. Accn. 96.
- setosa*, *Metachromadora*. Hopper, B. E. 1961. Canadian Journal of Zoology 39:183-199. Holo—m; Allo—f; Para—3 f, 1 m. Accn. 22.
- sewelli*, *Meloidogyne*. Mulvey, R. H., and R. V. Anderson. 1980. Canadian Journal of Zoology 58:1551-1556. Holo—f; Allo—m; Para—8 f, 40 m, 4 s. Accn. 248.
- seymouri*, *Criconema*. Wu, Liang-Yu. 1965. Canadian Journal of Zoology 43:215-217. Holo—f; Allo—m; Para—4 f, 7 m. Accn. 57.
- shepherdi*, *Hemicycliophora*. Wu, Liang-Yu. 1966. Canadian Journal of Zoology 44:225-234. Holo—f; Para—29 f. Accn. 115.
- sheri*, *Mononchus*. Mulvey, R. H. 1967. Canadian Journal of Zoology 45:915-940. Holo—f; Allo—m; Para—8 f. Accn. 149.
- silvaticus*, *Hoplotylus*. Bernard, E. C., and T. L. Niblack. 1982. Nematologica 28:101-109. Para—2 f. Accn. 385.
- simplex*, *Metoncholaimus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 67.
- solanacearum*, *Heterodera*. Miller, L. I., and Betty J. Gray. 1972. Nematologica 18:404-413. Para—20 cst, 2 s, 1 y, 1 m. Accn. 335.
- solivagus*, *Hypodontolaimus*. Hopper, B. E. 1963. Canadian Journal of Zoology 41:841-863. Holo—m. Accn. 40.
- solus*, *Mylonchulus*. Mulvey, R. H. 1961. Canadian Journal of Zoology 39:665-696. Holo—f. Accn. 31.
- spanithelus*, *Paractinolaimus*. Eveleigh, E. S. 1982. Canadian Journal of Zoology 60:158-164. Holo—m; Allo—f; Para—23 f. Accn. 258.
- splendens*, *Actarjania*. Hopper, B. E. 1967. Marine Biology 1:140-144. Holo—m; Allo—f; Para—2 f, 8 m. Accn. 146.
- spicatus*, *Notholetus*. Ebsary, B. A. 1981. Canadian Journal of Zoology 59:637-638. Holo—f; Para—1 f. Accn. 252.
- stiannula*, *Teratorhabditis*. Anderson, R. V. 1979. Canadian Journal of Zoology 57:13-17. Holo—f; Allo—m; Para—13 f, 6 m. Accn. 241.
- straturatus*, *Aphasmatylenchus*. Germani, G. 1970. Proceedings of the Helminthological Society of Washington 37:48-51. Para—2 f. Accn. 383.
- striatus*, *Eucephalobus*. Bastian, H. C. 1865. Transactions of the Linnean Society of London 25:73-184. Neo—f; Topo—15 f, 3 m. Ref. Anderson, R. V., and D. J. Hooper. 1971. Canadian Journal of Zoology 49:451-459. Accn. 207.
- strictathecatus*, *Hemicriconemoides*. Esser, R. P. 1960. Nematologica 5:64-71. Para—1 f. Accn. 391.
- stylolineatus*, *Tylenchus*. Wu, Liang-Yu. 1969. Canadian Journal of Zoology 47:1005-1010. Holo—f; Para—1 f. Accn. 184.
- subparietinus*, *Aphelenchoides*. Sanwal, K. C. 1961. Canadian Journal of Zoology 39:573-577. Holo—f; Para—3 f, 3 m. Accn. 28.
- subvexus*, *Teratocephalus*. Anderson, R. V. 1969. Canadian Journal of Zoology 47:829-840. Holo—f; Para—14 f. Accn. 174.
- sulcatum*, *Criconema*. Golden, A. M., and W. Friedman. 1964. Proceedings of the Helminthological Society of Washington 31:47-59. Para—5 f, 5 y. Accn. 317.
- sulcus*, *Ottolenchus*. Wu, Liang-Yu. 1970. Canadian Journal of Zoology 48:249-251. Holo—f; Allo—m; Para—24 f, 9 m. Accn. 195.
- superbus*, *Mononchus*. Mulvey, R. H. 1978. Canadian Journal of Zoology 56:1847-1868. Holo—f; Allo—m; Para—4 f, 5 m. Accn. 236.
- tarjani*, *Iotonchus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Para—4 f. Accn. 135.
- tateae*, *Paratylenchus*. Wu, Liang-Yu, and J. L. Townshend. 1973. Canadian Journal of Zoology 51:109-111. Holo—f; Para—39 f. Accn. 213.
- teleductus*, *Helicotylenchus*. Anderson, R. V. 1974. Canadian Journal of Zoology 52:1365-1381. Holo—f; Para—5 f. Accn. 219.
- tenuicaudatus*, *Paratylenchus*. Wu, Liang-Yu. 1961. Canadian Journal of Zoology 39:163-165. Holo—f; Para—57 f. Accn. 219.

- tesselatum*, *Pomponema*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 73.
- tetylus*, *Merlinius*. Anderson, R. V., and B. A. Ebsary. 1982. Canadian Journal of Zoology 60:521-529. Holo—f; Allo—m. Accn. 255.
- thornei*, *Hirschmanniella*. Sher, S. A. 1968. Nematologica 14:243-275. Para—4 f, 1 m. Accn. 303.
- thornei*, *Lobocriconema*. Knobloch, Natalie, and G. W. Bird. 1978. Journal of Nematology 10:61-70. Para—18 f, 2 m. Accn. 360.
- thornei*, *Miconchus*. Mulvey, R. H., and H. J. Jensen. 1967. Canadian Journal of Zoology 45:667-727. Holo—f; Para—1 f. Accn. 137.
- tilbrookii*, *Teratocephalus*. Maslen, N. R. 1979. Nematologica 25:288-308. Para—1 f, 1 m. Accn. 367.
- tinyi*, *Amphimermis*. Nickle, W. R. 1972. Journal of Nematology 4:113-146. Para—1 f, 1 m. Accn. 342.
- tipulae*, *Panagrolaimus*. Lam, A. B. Q., and J. M. Webster. 1971. Nematologica 17:201-212. Holo—f; Para—3 f, 3 m. Accn. 181.
- tipulae*, *Rhabditis* (*Rhabditella*). Lam, A. B. Q., and J. M. Webster. 1971. Nematologica 17:201-212. Holo—f; Para—3 f. Accn. 182.
- toreutes*, *Paradesmodora*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 82.
- tortus*, *Theristus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 108.
- trilix*, *Chromadorella*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—f. Accn. 86.
- typica*, *Gomphonema*. Wieser, W., and B. E. Hopper. 1966. Canadian Journal of Zoology 44:519-532. Holo—m; Allo—f; Para—13 f, 9 m. Accn. 121.
- ucris*, *Atalodera*. Wouts, W. M., and S. A. Sher. 1971. Journal of Nematology 3:129-144. Para—4 f, 6 m, 8 y. Accn. 378.
- ulmi*, *Laimaphelenchus*. Khan, M. A. 1960. Canadian Journal of Zoology 38:91-97. Lecto—f; Paralecto—2 f, 1 m. Ref. Mulvey, R. H. 1965. Nematology Newsletter 11:16-25. Accn. 12.
- ungulacauda*, *Sphaerularia*. Khan, M. A. 1957. Canadian Journal of Zoology 35:635-639. Lecto—f; Paralecto—7 f, 11 m. Ref. Mulvey, R. H. 1965. Nematology Newsletter 11:16-25. Accn. 3.
- urobelus*, *Helicotylenchus*. Anderson, R. V. 1978. Canadian Journal of Zoology 56:1232-1234. Holo—f; Allo—m; Para—13 f, 2 m. Accn. 235.
- vanmeterae*, *Chromadorella*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 95.
- variabilis*, *Odontophora*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum of Comparative Zoology 135:239-344. Holo—m. Accn. 95.
- varicauda*, *Bursaphelenchus*. Thong, C. H. S., and J. M. Webster. 1983. Journal of Nematology 15:312-318. Holo—f; Para—2 f, 1 m. Accn. 271.
- vaughani*, *Aphelenchoides*. Maslen, N. R. 1979. Nematologica 25:288-308. Para—1 f. Accn. 370.
- veechi*, *Distolabrellus*. Anderson, R. V. 1983. Journal of Nematology 15:70-75. Holo—f; Allo—m; Para—24 f, 4 m, 3 y, 6 s. Accn. 270.
- venusta*, *Crossonema* (*Seriespinula*). Mehta, U. K., and D. J. Raski. 1971. Indian Journal of Nematology 1:145-198. Para—1 f. Accn. 336.
- veruculatus*, *Paratylenchus*. Wu, Liang-Yu. 1962. Canadian Journal of Zoology 40:773-775. Holo—f; Allo—m; Para—29 f, 6 m. Accn. 34.
- vivida*, *Hemicyclophora*. Wu, Liang-Yu. 1966. Canadian Journal of Zoology 44:225-234. Holo—f; Para—52 f. Accn. 114.
- vivipara*, *Andrassyia*. Brzeski, M. W. 1960. Bulletin de l'Academie polonaise des Sciences. Classe 11. Serie des sciences biologiques 8:81-84. Para—1 f. Accn. 320.
- vivipara*, *Cuticonema*. Sanwal, K. C. 1959. Canadian Journal of Zoology 37:223-229. Holo—f; Para—16 f, 8 m. Accn. 5.
- welchi*, *Neomesomermis*. Mulvey, R. H., and W. R. Nickle. 1978. Canadian Journal of Zoology 56:1291-1329. Holo—m; Para—6 m. Accn. 231.
- xyaliformis*, *Theristus*. Wieser, W., and B. E. Hopper. 1967. Bulletin of the Museum

- of *Comparative Zoology* 135:239–344. Holo—m. Accn. 109.
- yukonense*, *Bakernema*. Ebsary, B. A. 1982. *Canadian Journal of Zoology* 60:3033–3047. Holo—f; Para—7 f, 1 s. Accn. 268.
- yukonensis*, *Neomesomermis*. Mulvey, R. H., and W. R. Nickle. 1978. *Canadian Journal of Zoology* 56:1291–1329. Holo—m. Accn. 232.
- and on some of the needs of nematology. *Phytoprotection* 44:5–11.
2. Mulvey, R. H. 1965. Type slide collection of the Canadian National Collection, at Ottawa and elsewhere in Canada. *Nematology Newsletter* 11:16–25.
3. Noffsinger, E. Mae. 1982. Type specimens on deposit at University of California Davis Nematode Collection. *Journal of Nematology* 14:131–141.
4. Stoll, N. R., R. Ph. Dollfus, J. Forest, N. D. Riley, C. W. Sabrosky, C. W. Wright, and R. V. Melville, eds. 1964. *International Code of Zoological Nomenclature*. London: International Trust Zoological Nomenclature.

#### LITERATURE CITED

1. Baker, A. D. 1963. Some observations on the development of the nematology section at Ottawa,