

## Biographical Sketch

Ernest Charles Bernard

### Professional Preparation:

Michigan State University	Entomology	B.S. 1972
Michigan State University	Entomology/Nematology	M.S. 1974
University of Georgia	Plant Pathology/Nematology	Ph.D. 1977

### Appointments:

- 1986-pres.-- Professor, Dept. of Entomology and Plant Pathology, The University of Tennessee.
- 1981-1986-- Associate Professor, Dept. of Entomology and Plant Pathology, The University of Tennessee.
- 1977-1981-- Assistant Professor, Dept. of Entomology and Plant Pathology, The University of Tennessee.
- 1974-1977-- Graduate Assistant, Dept. of Plant Pathology, University of Georgia.
- 1972-1974-- Graduate Assistant, Dept. of Entomology, Michigan State University.

### Professional and Honorary Societies:

Phi Kappa Phi  
Sigma Xi  
Gamma Sigma Delta  
Organization of Nematologists of Tropical America  
Society of Nematologists  
Biological Society of Washington  
Michigan Entomological Society

### Recent Awards:

NACTA Teaching Award of Merit, 13 May 1999.

### Professional Activities:

Editor-in-Chief, Journal of Nematology (1997-1999).  
Past-President, Society of Nematologists (1993-1994)  
President, Society of Nematologists (1992-1993).  
Vice-President and President-Elect, Society of Nematologists (1990-1992).  
Editorial Board, Journal of Nematology (1994-1999).  
Editor, Nematology Newsletter (1987-1990).  
Ecology Committee, Society of Nematologists (1979-1986, 1988-1990).  
Biological Control Committee, Society of Nematologists (1988-1990).

Associate Editor, Society of Nematologists (1986-1988).  
Local Arrangements Chairman, 1982 Society of Nematologists Meeting, Knoxville.  
Member, S-76 (1977-1980), S-154 (1981-1985), S-212 (1986-1991), S-253 (1993-1996), and S-282 (1997-present) Regional Technical Committees.

### **Publications:**

Bernard, E.C. 2003 *Filenchus flagellicaudatus* n. sp. and *Lelenchus schmitti* n. sp. (Nemata: Tylenchidae) from Molokai, Hawaii. *Journal of Nematology* 35 (in press).

Bernard, E.C., and D.P. Schmitt. 2003. Nematode assemblages in native plant communities of Molokai, Hawaii. *Journal of Nematology* 35 (in press).

Bernard, E.C. 2002 (published 2003). *Eosentomon heatherproctorae* n. sp. (Protura: Eosentomidae) from Ontario. *Great Lakes Entomologist* 35:9-14.

Bernard, E.C. 2001. Underfoot and All Around. *ATBI Quarterly* 2(4) (Autumn 2001):10.

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Bernard, E.C. 2000. Aphelenchids. Pp. 47-49 in O.C. Maloy and T.D. Murray, eds. *Encyclopedia of plant pathology*. New York: McGraw-Hill.

Bernard, E.C. 2000. Lance nematodes. Pp. 599-600 in O.C. Maloy and T.D. Murray, eds. *Encyclopedia of plant pathology*. New York: McGraw-Hill.

Bernard, E.C. 2000. Secernentea. Pp. 885-887 in O.C. Maloy and T.D. Murray, eds. *Encyclopedia of plant pathology*. New York: McGraw-Hill.

Bernard, E.C. 2000. Stubby root. Pp. 982-983 in O.C. Maloy and T.D. Murray, eds. *Encyclopedia of plant pathology*. New York: McGraw-Hill.

Bernard, E.C. 2000. Trichodorids. Pp. 1044-1045 in O.C. Maloy and T.D. Murray, eds. *Encyclopedia of plant pathology*. New York: McGraw-Hill.

Bernard, E.C., and S.R. Dexter. 1999. S-282 Regional Technical Committee web site <<http://eppserver.ag.utk.edu/S282/default.html>>. (1 October 1999).

Reiss, J.H., and E.C. Bernard. 1999. Short-term study of *Pratylenchus scribneri* population dynamics in endophyte-infected and endophyte-free tall fescue roots. *J. Nematol.* 31:564 (abstr.).

Bernard, E. C., K. D. Gwinn, and G. D. Griffin. 1998. Forage grasses. Pp. 427-454 in K. R. Barker, G. A. Pederson, and G. L. Windham, eds. *Plant and nematode interactions*. Madison, WI: ASA/CSSA/SSSA.

- Reiss, J.H., E.C. Bernard, and K.D. Gwinn. 1998. Use of centrifugation to examine effects of chitinase and proteases on eggshell integrity of *Pratylenchus scribneri* and *Meloidogyne hapla*. *J. Nematol.* 30:511 (abstr.).
- Ball, O.J.-P., E.C. Bernard, and K.D. Gwinn. 1997. Effect of selected *Neotyphodium lolii* isolates on root-knot nematode (*Meloidogyne marylandi*) numbers in perennial ryegrass. *Proc. 50th N.Z. Plant Prot. Conf.*, 65-68.
- Bernard, E. C., K. D. Gwinn, C. D. Pless, and C. L. Williver. 1997. Soil invertebrate species diversity and abundance in endophyte-infected tall fescue pastures. Pp. 125-135 in C. W. Bacon and N. S. Hill, eds. *Neotyphodium/grass interactions*. New York: Plenum Press.
- Bernard, E.C., L.H. Self, and D.D. Tyler. 1997. Fungal parasitism of soybean cyst nematode, *Heterodera glycines* (Nemata: Heteroderidae), in differing cropping-tillage regimes. *Applied Soil Ecology* 5:57-70.
- Bernard, E.C., and J.D. Eisenback. 1997. *Meloidogyne trifoliophila* n. sp. (Nemata: Meloidogynidae), a parasite of clover from Tennessee. *J. Nematol.* 29:43-54.
- Jones, C. S., and E. C. Bernard. 1997. Effects of endophyte-infected tall fescue and chitinase on population structure and hatching of *Pratylenchus scribneri*. *Journal of Nematology* 29:587 (Abstr.).
- Dickson, D. W., D. J. Chitwood, and E. C. Bernard. 1997. What every author and reviewer should know about the publication process in the *Journal of Nematology*. Supplement to the *Journal of Nematology* 29:619-624.
- Bernard, E. C., and P. L. Jennings. 1997. Host range and distribution of the clover root-knot nematode, *Meloidogyne trifoliophila*. Supplement to the *Journal of Nematology* 29:662-672.
- Bernard, E.C. 1996. Book review of *Zoological Catalogue of Australia, Vol. 22: Protura, Collembola, Diplura*, edited by W.W.K. Houston. *Quarterly Review of Biology* 71:128.
- Bernard, E.C., and P.L. Jennings. 1996. Experimental host range of an undescribed root-knot nematode from Tennessee, USA. *Nematropica* 26:242 (abstr.).
- Griffin, G.D., E.C. Bernard, G.A. Pederson, G.L. Windham, K.H. Quesenberry, and R.A. Dunn. 1996. Nematode pathogens of American pasture/forage crops. Pp. 257-286 in S. Chakraborty, K.T. Leath, R.A. Skipp, G.A. Pederson, R.A. Bray, C.M. Latch, and F.W. Nutter, Jr., eds. *Pasture and forage crop pathology*. Madison, WI: ASA/CSSA/SSSA.
- Bernard, E.C. 1995. On being a nematode. Book review of *Nematodes: Structure, Development, Classification, and Phylogeny*, by V.V. Malakhov. *BioScience* 45:211-212.
- Bernard, E.C., G.A. Laursen, D.P. Schmitt, and S.L. Stephenson. 1995. Nematode colonization

of newly exposed land surfaces. *Journal of Nematology* 27:856 (abstr.).

Ko, M.P., E.C. Bernard, D.P. Schmitt, and B.S. Sipes. 1995. Occurrence of *Pasteuria*-like organisms on selected plant-parasitic nematodes of pineapple in the Hawaiian Islands. *J. Nematol.* 27:395-408.

Shamiyeh, N.B., and E.C. Bernard. 1995. Evaluation of Vydate for control of ectoparasitic nematodes on tomato, 1994. *Fungicide and Nematicide Tests* 50:166.

Bernard, E.C. and W.T. Witte. 1994. Reaction of holly cultivars to three root-knot nematode isolates. *American Holly Journal* 12(1):12-17.

Self, L.H., and E.C. Bernard. 1994. Association of nematodes and dogwood canker. *J. Nematol.* 26:59-64.

Eisenback, J.D., E.C. Bernard, and D.P. Schmitt. 1994. Description of the Kona root-knot nematode, *Meloidogyne konaensis* n. sp. *J. Nematol.* 26:363-374.

Bernard, E.C. and R.J. Snider. 1994. *Cryptopygus bipunctatus* (Collembola: Isotomidae) in North America, and *C. posteroculatus* n. comb. *Great Lakes Entomol.* 27:149-156.

Bernard, E.C. and M.E. Montgomery-Dee. 1993. Reproduction of plant-parasitic nematodes on winter rapeseed (*Brassica napus* ssp. *oleifera*). *J. Nematol.* 25:863-868.

Gwinn, K.D., and E.C. Bernard. 1993. Interactions of endophyte-infected grasses with the nematodes *Meloidogyne marylandi* and *Pratylenchus scribneri*. Pp. 156-160 in Hume, D.E., G.C.M. Latch, and H.S. Easton, eds. *Proceedings of the Second International Conference on Acremonium/Grass Interactions: Plenary papers.* AgResearch, Palmerston North, NZ.

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Fribourg, H. A., C. R. Graves, G. N. Rhodes, Jr., J. F. Bradley, E. C. Bernard, G. M. Lessman, M. A. Mueller, R. B. Graves, M. L. Thornton, B. A. Latka, and A. M. Plouy. 1989. Rapeseed - a potential new crop for Tennessee. *Tenn. Agric. Exp. Sta. Bull.* 669. 40 pp.

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Smalley, V. K. and E. C. Bernard. 1988. Colonization of *Meloidogyne incognita* females and eggs by nematophagous fungi. *J. Nematol.* 20:660-661 (Abstr.).

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- Bernard, E. C. 1985. Two new species of Protura (Insecta) from North America. Proc. Biol. Soc. Wash. 98:72-80.
- Bernard, E. C. and W. T. Witte. 1985. Parasitism of woody ornamental plants by *Meloidogyne hapla*. J. Nematol. 17:491 (Abstr.).

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Baird, S. M. and E. C. Bernard. 1984. Nematode population and community dynamics in soybean-wheat cropping and tillage regimes. J. Nematol. 16:379-386.

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Mobbs, S. D. and E. C. Bernard. 1983. Effects of soybean-wheat cropping and tillage regimes on nematode population dynamics. J. Nematol. 15:485. (Abstr.).

Bernard, E. C. 1982. Criconematina (Nematoda: Tylenchida) from the Aleutian Islands. J. Nematol. 14:323-331.

Niblack, T. L. and E. C. Bernard. 1982. Nematode community structure in dogwood, maple, and peach nurseries in Tennessee. J. Nematol. 14:459-460 (Abstr.).

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Bernard, E. C. 1981. Distribution of root-knot nematodes (*Meloidogyne* spp.) in commercial tomato fields of Cocke County, Tennessee. Tenn. Farm & Home Sci. No. 118:2-3.

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