

CURRICULUM VITAE

LYNN ELIZABETH CARROLL

EXPERIENCE

- Dec 2003- Senior Scientist and Database Manager, TEDX, Inc, Paonia CO 81428
- 1996-2003 Contractor (Database and Curatorial Services) Contracts with:
World Wildlife Fund, 1250 Twenty-Fourth Street NW, Washington, DC 20037
Smithsonian Institution, Dept. of Entomology, 10th and Constitution, Washington DC 20560

USDA/ARS, c/o NMNH, Dept. of Entomology, 10th and Constitution, Washington DC, 20560
Identification of approximately 2000 lots of backlog of fruit fly interceptions from ports of entry.
- 1994-1996 Post-Doctoral Fellow, USDA/ARS Systematic Entomology, Washington, D.C. 20560
- 1990-1994 Technical Information Specialist, USDA/ARS Systematic Entomology, Washington, D.C. 20560
- 1979-1981 Research Assistant, Carnegie Museum of Natural History, Pittsburgh PA 15213
- 1981 Volunteer, Carnegie Museum of Natural History, Pittsburgh PA
- 1979 Class Instructor, Section of Education, Carnegie Museum of Natural History, Pittsburgh, PA
- 1976-1978 Registrar / Collection Manager , Houston Museum of Natural Science, Houston, TX

EDUCATION

- 1992 Texas A&M University, College Station, Texas, Ph.D., Entomology
Dissertation topic: Systematics and morphology of larvae of Tephritidae (Diptera).
- 1976 Texas Tech University, Lubbock, Texas. M.A., Museum Sciences
- 1974 Texas Tech University, Lubbock, Texas. B.A., Anthropology

PUBLICATIONS

Colborn T, **Carroll LE**. 2007. Pesticides, sexual development, reproduction, and fertility: Current perspective and future direction. *Human and Ecological Risk Assessment* 13(5):1078-1110.

Carroll LE. 1998. Description of the third instar larva of *Ceratitis rosa* Karsch (Diptera: Tephritidae). *Proc. Entomol. Soc. Wash.* 100(1): 88-94.

Norrbon AL, **Carroll LE**, Freidberg A. 1998. Status of Knowledge. Pp 7-47 *In*: F.C. Thompson, ed., *Fruit Fly Expert Identification System and Systematic Information Database*. North American Dipterists' Society, Backhuys Publishers, Leiden.

Norrbon AL, **Carroll LE.**, Thompson FC, White IM, Freidberg A. 1998. Systematic Database of Names. Pp 65-299 *In*: F.C. Thompson, ed., *Fruit Fly Expert Identification System and Systematic Information Database*. North American Dipterists' Society, Backhuys Publishers, Leiden.

Carroll LE., Norrbom AL, Thompson FC, Evenhuis NL. 1998. Bibliography. Pp 301-513 *In*: F.C. Thompson, ed., *Fruit Fly Expert Identification System and Systematic Information Database*. North American Dipterists' Society, Backhuys Publishers, Leiden.

Norrbom AL, **Carroll LE**, Thompson FC, White IM, Freidberg A. 1998. Fruit Fly Systematic Information Database. (CD-ROM) *In*: F.C. Thompson, ed., Fruit Fly Expert Identification System and Systematic Information Database. North American Dipterists' Society, Backhuys Publishers, Leiden.

Thompson FC., Norrbom AL, **Carroll LE**, White IM. 1992. The Fruit Fly Biosystematic Information Data Base, p. 3-7. *In* M. Aluja and P. Liedo, eds., Fruit flies: biology and management. Proceedings of the International Symposium on Fruit Flies of Economic Importance 1990, Antigua Guatemala, Guatemala, October 14-20, 1990. Springer-Verlag, New York.

Steck GJ., **Carroll LE**, Celedonio-Hurtado H, Guillen-Aguilar J. 1990. Methods for identification of *Anastrepha* larvae (Diptera: Tephritidae), and key to 13 species. Proc. Entomol. Soc. Wash. 92: 333-346.

Carroll LE, Wharton RA. 1989. Morphology of the immature stages of *Anastrepha ludens* (Diptera: Tephritidae). Ann. Entomol. Soc. Am. 82: 201-214.

Carroll LE. Larval morphology of Tephritidae, p.34. *In* B. Darvas and L. Papp, eds., 1st International Congress of Entomology, Abstract Volume. iv + 316 p.

Goodenough JL, Jank PC, **Carroll LE**, Sterling WL, Redman EJ, Witz JA. 1983. Collecting and Preserving Airborne Arthropods in liquid at timed intervals with a Johnson-Taylor-type suction trap. J. Econ. Ent. 76: 960-963.

Carroll LE, Genoways HH. 1980. *Lagurus curtatus*. Mammalian Species No. 124: 1-6.

PRESENTATIONS

- 1997 Morphology of Tephritid larvae; Recognition of Diptera larvae infesting fruits; Identification of genera of fruit fly larvae of economic importance. IV Curso Internacional de Taxonomia de Moscas de la Fruta y sus Parasitoides, Tapachula, Mexico, 27 October – 6 November 1997.
- 1995 Morphology of Tephritid larvae; Recognition of Diptera larvae infesting fruits; Identification of genera of fruit fly larvae of economic importance III Curso Internacional de Taxonomia de Moscas de la Fruta, Tapachula, Mexico, 23-31 October 1993.
- 1994 Morphology of Tephritid larvae; Recognition of Diptera larvae infesting fruits; Identification of genera of fruit fly larvae of economic importance II Curso Internacional de Taxonomia de Moscas de la Fruta, Tapachula, Mexico, October 1994.
- 1993 Morphology of Tephritid larvae; Recognition of Diptera larvae infesting fruits; Identification of genera of fruit fly larvae of economic importance. First course in Taxonomy of Fruit Flies, Tapachula, Mexico, 25-29 October 1993.
- 1991-93 Demonstrations of the Fruit Fly Expert System to APHIS, NPS, CAB personnel and others.
- 1991 Presentation on Tephritid Expert System and Biosystematic Information Database, Entomological Society of America Annual Meeting, New Orleans.
- 1991 Presentation on Tephritid Expert System and Biosystematic Information Database at the North American Dipterists' Meeting at the Southwest Research Center near Portal, Arizona.
- 1988 SEM identification of all instars of *Ceratitidis capitata*, *Dacus cucurbitae*, *Dacus dorsalis*, *Dacus latifrons*, and *Dacus tryoni*. XVIII International Congress of Entomology, July 1988, Vancouver.

1987. (Steck, G.J., L.E. Carroll, and R.A. Wharton.) 1987. Identification of Anastrepha larvae (Diptera: Tephritidae). Entomological Society of America, National Conference Nov. 29-Dec. 3, 1987, Boston.
1986. Larval morphology and the higher classification of Tephritidae (Diptera). Entomological Society of America, National Conference Dec. 7-11 1986, Reno, Nevada.
1986. Larval morphology of Tephritidae. First International Congress of Dipterology, Aug. 17-24, 1986, Budapest, Hungary.
1985. (Carroll, L.E., G.J. Steck, and R.A. Wharton). Identification of larvae of Ceratitis capitata (Wied.) and other Ceratitinae (Diptera: Tephritidae). Entomological Society of America, National Conference Dec. 8-12, 1985, Hollywood, Florida.
1984. (Steck, G.J., L. E. Carroll, and R. A. Wharton). Comparative morphology of Tephritidae (Diptera) larvae infesting Compositae host plants. (Coauthor). Poster session, Entomological Society of America, National Conference, Dec. 9-13 1984, San Antonio, Texas.
1983. Flight activity of some entomophagous arthropods in relation to meteorological factors. Entomological Society of America, National Conference, Nov. 28 - Dec. 2, 1983, Detroit, Michigan.

HONORS/AWARDS

- 1981 Lechner Fellowship, granted by Texas A & M University
1975 W.C. Holden Award for outstanding undergraduate work in Anthropology (\$250.00), awarded by the Department of Anthropology, Texas Tech University, 1975
- 1971 Alpha Lambda Delta Freshman Honorary Society
- 1971 Delta Phi Alpha German Honorary Society
- 1971 Phi Kappa Phi Honorary Society
- 1970 Valedictorial Scholarship, granted by Texas Tech University.
- 1970 National Merit Scholarship, sponsored by Shell Oil Company.

OTHER EXPERIENCE

Systematics: Entomology; Mammalogy, Ornithology, Botany, Evolution, Taxonomy, Insect Parasitology, Immature Insects, Aquatic Insects, Ecology,

Insect Toxicology, Organic Chemistry, Physics, Statistics

Foreign languages: Spanish and German, in addition to some reading ability in French, Portuguese, Italian, Swedish, and Russian

Foreign field work in Mexico, China, India, Pakistan, Philippines, Malaysia, and Canada, as well as travel in Europe

Curatorial experience in entomological as well as vertebrate collections

Scanning Electron Microscopy; Photography