

ANDREA M. PALOCHAK, Technical Editor**EDUCATION**

- M.S. Brigham Young University, Provo, Utah 2004 *Zoology*
 B.S. University of Wyoming, Laramie, Wyoming 2000 *Zoology and Physiology*

PROFESSIONAL EXPERIENCE

- 2007-Present *Technical Editor*, Western EcoSystems Technology, Inc., Cheyenne, Wyoming
 2004-2007 *Cake Decorator, Ad-Set Associate and Assistant Bakery Manager*, for various companies in Littleton, Colorado, Laramie and Cheyenne, Wyoming.
 2001-2004 *Thesis research and field work*, Brigham Young University, Provo, Utah
 2001-2003 *Graduate Teaching Assistant*, Department of Integrative Biology/Zoology, Brigham Young University, Provo, Utah
 2002 *Research Assistant*, BYU Black Bear Project, Brigham Young University, Provo, Utah
 2001 *Biological Science Technician*, GS 04-404, U.S. Department of Agriculture, Fishlake National Forest, Utah
 2000-2001 *Graduate Teaching Assistant*, Department of Integrative Biology/Mammalian Physiology, Brigham Young University, Provo, Utah

PROFESSIONAL SUMMARY

Wildlife and Biological Experience: With other members of a bear research team placed, relocated, and maintained box- and culvert-style live traps to capture black bears, chemically immobilized, marked and collected physical data on captured bears, extracted premolars for aging data, and attached radio-collars to breeding-age females. Correlated known reproductive histories (confirmed by cub-sightings or den-visits of radio-collared females) and ages to determine the accuracy of cementum annuli reconstruction of age and female reproduction for the studied population of black bears. Performed microscopy proficiency tests, preserved various tissue samples, and rendered microscopy photographs with minimal equipment. Performed transect surveys of proposed timber sale areas of the Beaver District of the Fishlake National Forest for the presence of game animals, state sensitive species, and threatened and endangered species. Selected material used and prepared materials, equipment and specimens for comparative anatomy laboratory classes.

Writing Experience: Scanned and edited maps, diagrams, illustrations, photographs and charts. Prepared formal results of findings, and presented research findings to the general public, the scientific community, industry and governmental agencies. Prepared and compiled a teaching manual and a teaching assistant lesson plan from new and previous materials for a comparative anatomy lab. Assisted in the preparation of the South Dakota *Environmental Assessment for New Managed Haying and Grazing Provisions for Some Conservation Reserve Program Lands* (USDA, October 2008).

PUBLICATIONS

- Black, H. L., J. Heward, and **A. Palochak**. 2003. *Utah Black Bears: Dispersal, Homing, and Long Distance Movements for Food*. Eighth Western Black Bear Workshop. Pray, Montana. 15-17 April, 2003.
- Palochak, A.**, J. D. Heward, and H. L. Black. 2004. *Cementum Annuli Patterns in Utah Black Bears: Accuracy and Precision of Cementum Annuli for Aging and Reproduction, and Tracking Trends in Annuli Patterns*. [Poster.] Fifteenth International Conference on Bear Research and Management. San Diego, California. 9-13 February, 2004
- Palochak, A. M.** 2004. *Accuracy of Cementum Annuli for Determining Age and Estimating Frequency of Reproduction in Utah Black Bears*. M.S. Thesis. Brigham Young University, Provo, Utah.
- Jeffrey, J.D., W.P. Erickson, K. Bay, M. Sonneberg, J. Baker, M. Kesterke, J. Boehrs, and **A. Palochak**. 2009. *Portland General Electric, Biglow Canyon Wind Farm Phase I, Post-Construction Avian and Bat Monitoring, First Annual Report, January-December 2008*. Technical report prepared for Portland General Electric, Portland, Oregon. Prepared by Western EcoSystems Technology (WEST) Inc., Cheyenne, Wyoming and Walla Walla, Washington.
- Enk, T., K. Bay, M. Sonnenberg, J. Baker, M. Kesterke, J. Boehrs, and **A. Palochak**. 2010. *Biglow Canyon Wind Farm Phase I Post-Construction Avian and Bat Monitoring, Sherman County, Oregon. Second Annual Report: January 26 - December 11, 2009*. Technical report prepared for Portland General Electric Company, Portland, Oregon. Prepared by Western EcoSystems Technology, Inc.(WEST) Cheyenne, Wyoming, and Walla Walla, Washington. April 2010.

PRESENTATIONS

- February 2004. 15th International Conference on Bear Research and Management, San Diego, California.
 February 2004. The Utah Chapter of the Wildlife Society, Provo, Utah.