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Immediate Release : Largest Data Sample put Together in Published Monograph

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FOR IMMEDIATE RELEASE

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BLOOMINGTON, ILL.--What its author calls the largest data sample ever put together in its field of interest is included in a newly published monograph written by Dr. John McArdle, assistant professor of biology at Illinois Wesleyan University.

The 131 page paperback book, "Functional Morphology of the Hip and Thigh of the Lorisiformes," was published by S. Karger of Basel, Switzerland, as part of its Contributions to Primatology series.

"This is a rewritten and expanded version of my doctoral thesis," said McArdle, who spent two years producing this book.

McArdle said the book will have limited appeal, largely to researchers among people working with prosimians. About half of the press run of 1,500--twice the normal first edition in this field--will be purchased by libraries, he said. The book, a paperback, costs \$19.

His study undertook to determine the extent to which differences in the form of the hip and thigh of lorisines, small nocturnal members of the lemur family, found mostly in Africa and Southeast Asia, are associated with variations in body size, locomotor behavior and ecological preferences.

His conclusion was that the lorisines "comprise two distinct morphotypes (1) large-bodied species with relatively short limbs and extensive, well developed muscle insertions and (2) small-bodied species with relatively thin, elongated limbs, reduced areas of muscle insertion, elongated tendons and rearranged muscle fibers architecture."

McArdle joined the IWU faculty in 1977. He has bachelor and master's degrees from the University of Illinois at Chicago Circle and a doctorate from the University of Chicago.