

# David M. Swift

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## Academic Training:

<i>Degree</i>	<i>Year</i>	<i>Institution</i>	<i>Major</i>
B.S.	1963	New York State College of Forestry	Forest Botany
M.S.	1970	Colorado State University	Watershed Resources
Ph.D.	1985	Colorado State University	Animal Sciences

## Professional Experience:

<i>Date</i>	<i>Position</i>	<i>Institution</i>
1970-1975	Programming Coordinator	Colorado State University
1975-1986	Research Associate	Natural Resource Ecology Laboratory, Colorado State University
1986-	Research Scientists	Natural Resource Ecology Laboratory, Colorado State University
1986-	Associate Professor	Range Science Department, Colorado State University

## Major Interests:

Nutrition and ecology of ruminants; wildlife ecology; grazing systems; human ecology; simulation modeling.

## Teaching:

Wildlife nutrition  
Ecology of grazing systems

## Publications since 1995:

Hosoi, E., L.R. Rittenhouse, D.M. Swift, R.W. Richards and H. Yano. 1995. Validity of use of a Y-maze to determine a foraging strategy of cattle. *Asian-Australasian J. An. Sci.* 8:145-149.

Hosoi, E., D.M. Swift, L.R. Rittenhouse and R.W. Richards. 1995. Comparative foraging strategies of sheep and goats in a T-maze apparatus. *J. Applied An. Behav. Sci.* 44:37-45.

Hosoi, E., L.R. Rittenhouse, D.M. Swift and R.W. Richards. 1995. Foraging strategies of cattle in a Y-maze: Influence of food availability. *J. Applied An. Behav. Sci.* 43:189-96.

Swift, D.M., M.B. Coughenour and M. Atsedu. 1996. Arid and Semi-arid Ecosystems. *In: T.R. McClanahan and T.P. Young (eds), East African Ecosystems and their Conservation.* Oxford University Press 480pp.

Bailey, D.W., J.E. Gross, E.A. Laca, L.R. Rittenhouse, M.B. Coughenour, D.M. Swift and P.L. Sims. 1996. Mechanisms that result in large herbivore grazing distribution patterns. *J. Range Manage.* 49:386-400.

Cibils, A.F., D.M. Swift and E.D. McArthur. 1998. Plant-herbivore interactions in *Atriplex*: Current state of knowledge. Gen. Tech. Rep. RMRS-GTR- 14. Ogden UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 31 pp.

Singer, F.J., D.M. Swift, M.B. Coughenour and J.D. Varley. 1998. Thunder on the Yellowstone revisited: an assessment of management of native ungulates by natural regulation, 1968--1993. *Wildl. Soc. Bull.* 26:369-374.

#### **Collaborators:**

Cibils, A.F.	INTA, Rio Gallegos, Argentina
Coughenour, M.B.	NREL, Colorado State University
Gross, G.E.	NREL, Colorado State University
Hart, R.E.	ARS, Cheyenne, Wyoming
McArthur, E.D.	USFS Shrub Laboratory, Provo, Utah
Singer, F.J.	NREL, Colorado State University
Varley, J.D.	NPS
Wunder, B.A.	Dept of Biology, Colorado State University

#### **Graduate Advisor:**

Johnson, D.E. Dept of Animal Science, Colorado State University

#### **Thesis Advisor for:**

Cerqueira, E.D.	Universidad Nacional de La Pampa, Argentina
Cibils, A.F.	INTA, Rio Gallegos, Argentina
Johnson, T.L.	NPS, Estes Park, Colorado

#### **Total:**

4 Ph.D. students finished, 8 M.S. students finished