Thomas W Boutton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145 papers	8,675 citations	46 h-index	90 g-index
162 ext. papers	9,377 ext. citations	5 avg, IF	5.84 L-index

#	Paper	IF	Citations
145	Compatibility of Dual Enterprises for Cattle and Deer in North America: A Quantitative Review. *Rangeland Ecology and Management*, **2021**, 74, 21-31	2.2	2
144	Ecosystem sulfur accumulation following woody encroachment drives a more open S-cycle in a Subtropical Savanna. *Biogeochemistry*, **2021**, 155, 343-355	3.8	0
143	The effects of plant structure and flow properties on the physical response of coastal dune plants to wind and wave run-up. *Estuarine, Coastal and Shelf Science*, **2021**, 261, 107556	2.9	1
142	Bottomland hardwood forest growth and stress response to hydroclimatic variation: evidence from dendrochronology and tree ring ¹³C values. *Biogeosciences*, **2020**, 17, 5639-5653	4.6	3
141	Bound and mobile soil water isotope ratios are affected by soil texture and mineralogy, whereas extraction method influences their measurement. *Hydrological Processes*, **2020**, 34, 991-1003	3.3	13
140	Diet sources of the endangered Attwater's prairie-chicken in Texas: evidence from δ13C, δ15N, and Bayesian mixing models. *Ecosphere*, **2020**, 11, e03269	3.1	0
139	Root density distribution and biomass allocation of co-occurring woody plants on contrasting soils in a subtropical savanna parkland. *Plant and Soil*, **2019**, 438, 263-279	4.2	12
138	Forest organic matter removal leads to long-term reductions in bacterial and fungal abundance. *Applied Soil Ecology*, **2019**, 137, 106-110	5	8
137	Comment on "The global tree restoration potential". *Science*, **2019**, 366,	33.3	109
136	A Three-Dimensional Assessment of Soil δ13C in a Subtropical Savanna: Implications for Vegetation Change and Soil Carbon Dynamics. *Soil Systems*, **2019**, 3, 73	3.5	1
135	Biochar amendment suppresses N O emissions but has no impact on N site preference in an anaerobic soil. *Rapid Communications in Mass Spectrometry*, **2019**, 33, 165-175	2.2	1
134	Bacterial metataxonomic profile and putative functional behavior associated with C and N cycle processes remain altered for decades after forest harvest. *Soil Biology and Biochemistry*, **2018**, 119, 184-193	7.5	24
133	Rooting strategies in a subtropical savanna: a landscape-scale three-dimensional assessment. *Oecologia*, **2018**, 186, 1127-1135	2.9	5
132	Soil phosphorus does not keep pace with soil carbon and nitrogen accumulation following woody encroachment. *Global Change Biology*, **2018**, 24, 1992-2007	11.4	19
131	Vegetation change alters soil profile δ15N values at the landscape scale. *Soil Biology and Biochemistry*, **2018**, 119, 110-120	7.5	7
130	Isotopic Methods for the Study of Soil Organic Matter Dynamics. *Soil Science Society of America Book Series*, **2018**, 865-906		6
129	Woody plant encroachment amplifies spatial heterogeneity of soil phosphorus to considerable depth. *Ecology*, **2018**, 99, 136-147	4.6	26

128	Organic matter removal associated with forest harvest leads to decade scale alterations in soil fungal communities and functional guilds. *Soil Biology and Biochemistry*, **2018**, 127, 127-136	7.5	8
127	Effects of nitrogen addition on soil organic carbon mineralization after maize stalk addition. *European Journal of Soil Biology*, **2018**, 89, 33-38	2.9	9
126	Soil C:N:P stoichiometry responds to vegetation change from grassland to woodland. *Biogeochemistry*, **2018**, 140, 341-357	3.8	30
125	Soil carbon response to woody plant encroachment: importance of spatial heterogeneity and deep soil storage. *Journal of Ecology*, **2017**, 105, 1738-1749	6	29
124	Forest harvest intensity and soil depth alter inorganic nitrogen pool sizes and ammonia oxidizer community composition. *Soil Biology and Biochemistry*, **2017**, 112, 216-227	7.5	21
123	Decadal-scale changes in forest soil carbon and nitrogen storage are influenced by organic matter removal during timber harvest. *Journal of Geophysical Research G: Biogeosciences*, **2017**, 122, 846-862	3.7	8
122	Spatial heterogeneity of subsurface soil texture drives landscape-scale patterns of woody patches in a subtropical savanna. *Landscape Ecology*, **2017**, 32, 915-929	4.3	17
121	The spatial distribution of soil organic carbon in tidal wetland soils of the continental United States. *Global Change Biology*, **2017**, 23, 5468-5480	11.4	46
120	Initial aggregate formation and soil carbon storage from lipid-extracted algae amendment. *AIMS Environmental Science*, **2017**, 4, 743-762	1.9	
119	Nitrogen trace gas fluxes from a semiarid subtropical savanna under woody legume encroachment. *Global Biogeochemical Cycles*, **2016**, 30, 614-628	5.9	18
118	Grassland to woodland transitions: Dynamic response of microbial community structure and carbon use patterns. *Journal of Geophysical Research G: Biogeosciences*, **2016**, 121, 1675-1688	3.7	13
117	Soil C and N storage and microbial biomass in US southern pine forests: Influence of forest management. *Forest Ecology and Management*, **2015**, 355, 48-57	3.9	26
116	Investigating patterns of symbiotic nitrogen fixation during vegetation change from grassland to woodland using fine scale (15) N measurements. *Plant, Cell and Environment*, **2015**, 38, 89-100	8.4	20
115	Chemical and Isotopic Thresholds in Charring: Implications for the Interpretation of Charcoal Mass and Isotopic Data. *Environmental Science & Technology*, **2015**, 49, 14057-64	10.3	21
114	Quality of fresh organic matter affects priming of soil organic matter and substrate utilization patterns of microbes. *Scientific Reports*, **2015**, 5, 10102	4.9	85
113	Belowground Carbon Storage and Dynamics Accompanying Woody Plant Encroachment in a Subtropical Savanna. *SSSA Special Publication Series*, **2015**, 181-205	0	13
112	The role of elevation, relative sea-level history and vegetation transition in determining carbon distribution in Spartina alterniflora dominated salt marshes. *Estuarine, Coastal and Shelf Science*, **2015**, 154, 48-57	2.9	29
111	Soil Ecosystem Services in Loblolly Pine Plantations 15 Years after Harvest, Compaction, and Vegetation Control. *Soil Science Society of America Journal*, **2014**, 78, 2032-2040	2.5	17

110	Root Biomass and Distribution Patterns in a Semi-Arid Mesquite Savanna: Responses to Long-Term Rainfall Manipulation. *Rangeland Ecology and Management*, **2014**, 67, 206-218	2.2	21
109	Soil Carbon Sequestration in Sorghum Cropping Systems. *Soil Science*, **2014**, 179, 68-74	0.9	6
108	Long-term incubations of size and density separated soil fractions to inform soil organic carbon decay dynamics. *Soil Biology and Biochemistry*, **2013**, 57, 496-503	7.5	21
107	Changes to soil organic N dynamics with leguminous woody plant encroachment into grasslands. *Biogeochemistry*, **2013**, 113, 307-321	3.8	28
106	15N isoscapes in a subtropical savanna parkland: spatial-temporal perspectives. *Ecosphere*, **2013**, 4, art4	3.1	23
105	Woody plant encroachment into grasslands: spatial patterns of functional group distribution and community development. *PLoS ONE*, **2013**, 8, e84364	3.7	14
104	Spatial variation of soil 13C and its relation to carbon input and soil texture in a subtropical lowland woodland. *Soil Biology and Biochemistry*, **2012**, 44, 102-112	7.5	38
103	Spatial patterns of soil 13C reveal grassland-to-woodland successional processes. *Organic Geochemistry*, **2012**, 42, 1512-1518	3.1	28
102	Degree of woody encroachment into grasslands controls soil carbohydrate and amino compound changes during long term laboratory incubation. *Organic Geochemistry*, **2012**, 52, 23-31	3.1	13
101	New correlation of stable carbon isotopes with changing late-Holocene fluvial environments in the Trinity River basin of Texas, USA. *Holocene*, **2012**, 22, 541-549	2.6	9
100	Quantifying soil organic carbon in complex landscapes: an example of grassland undergoing encroachment of woody plants. *Global Change Biology*, **2011**, 17, 1119-1129	11.4	28
99	Controls on soil carbon accumulation during woody plant encroachment: Evidence from physical fractionation, soil respiration, and 13C of respired CO2. *Soil Biology and Biochemistry*, **2011**, 43, 1678-1687	7.5	47
98	Restoration of C4 grasses with seasonal fires in a C3/C4 grassland invaded by Prosopis glandulosa, a fire-resistant shrub. *Applied Vegetation Science*, **2010**, 13, 520-530	3.3	16
97	Changes in soil nitrogen storage and 15N with woody plant encroachment in a subtropical savanna parkland landscape. *Journal of Geophysical Research*, **2010**, 115,		36
96	Spatial variation in biodiversity and trophic structure of soil nematode communities in a subtropical savanna parkland: Responses to woody plant encroachment. *Applied Soil Ecology*, **2010**, 46, 168-176	5	5
95	Assessment of the mobility and time of renewal of the densimetric fractions of organic matter in chestnut soils from the ratio of stable carbon isotopes. *Eurasian Soil Science*, **2010**, 43, 533-540	1.5	2
94	Vertic processes and specificity of organic matter properties and distribution in Vertisols. *Eurasian Soil Science*, **2010**, 43, 1467-1476	1.5	11
93	Structural and functional diversity of soil bacterial and fungal communities following woody plant encroachment in the southern Great Plains. *Soil Biology and Biochemistry*, **2010**, 42, 1816-1824	7.5	55

92	Biodiversity and trophic structure of soil nematode communities are altered following woody plant invasion of grassland. *Soil Biology and Biochemistry*, **2009**, 41, 1943-1950	7.5	39
91	Spatial variation of the stable nitrogen isotope ratio of woody plants along a topoedaphic gradient in a subtropical savanna. *Oecologia*, **2009**, 159, 493-503	2.9	40
90	Spatial scaling of ecosystem C and N in a subtropical savanna landscape. *Global Change Biology*, **2009**, 16, 2213-2223	11.4	31
89	Landscape-scale vegetation dynamics inferred from spatial patterns of soil 13C in a subtropical savanna parkland. *Journal of Geophysical Research*, **2009**, 114,		25
88	Effect of Composted Biosolids on Soil Organic Carbon Storage During Establishment of Transplanted Sod. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2009**, 44, 503-507	2.4	3
87	Soil microbial biomass response to woody plant invasion of grassland. *Soil Biology and Biochemistry*, **2008**, 40, 1207-1216	7.5	98
86	Partitioning soil surface CO2 efflux into autotrophic and heterotrophic components, using natural gradients in soil 13C in an undisturbed savannah soil. *Soil Biology and Biochemistry*, **2008**, 40, 1575-1582	7.5	56
85	Nematode community development early in ecological restoration: The role of organic amendments. *Soil Biology and Biochemistry*, **2008**, 40, 2366-2374	7.5	35
84	Recognizing Women in the Archeological Record. *Archeological Papers of the American Anthropological Association*, **2008**, 2, 89-101	0.4	1
83	Chemical changes to nonaggregated particulate soil organic matter following grassland-to-woodland transition in a subtropical savanna. *Journal of Geophysical Research*, **2008**, 113,		79
82	Plant Community and Soil Microbial Carbon and Nitrogen Responses to Fire and Clipping in a Southern Mixed Grassland. *Rangeland Ecology and Management*, **2008**, 61, 580-587	2.2	16
81	Variation in woody plant delta(13)C along a topoedaphic gradient in a subtropical savanna parkland. *Oecologia*, **2008**, 156, 479-89	2.9	29
80	Soil Respiration in a Subtropical Savanna Parkland: Response to Water Additions. *Soil Science Society of America Journal*, **2007**, 71, 820-828	2.5	64
79	Fire and grazing in grasslands of the Argentine Caldenal: Effects on plant and soil carbon and nitrogen. *Acta Oecologica*, **2007**, 32, 207-214	1.7	35
78	Storage and dynamics of carbon and nitrogen in soil physical fractions following woody plant invasion of grassland. *Soil Biology and Biochemistry*, **2006**, 38, 3184-3196	7.5	163
77	Organic matter turnover in soil physical fractions following woody plant invasion of grassland: Evidence from natural 13C and 15N. *Soil Biology and Biochemistry*, **2006**, 38, 3197-3210	7.5	161
76	Soil organic carbon and black carbon storage and dynamics under different fire regimes in temperate mixed-grass savanna. *Global Biogeochemical Cycles*, **2006**, 20, n/a-n/a	5.9	44
75	Soil carbon and nitrogen storage in response to fire in a temperate mixed-grass savanna. *Journal of Environmental Quality*, **2006**, 35, 1620-8	3.4	19

74	Grazing and Ecosystem Carbon Storage in the North American Great Plains. *Plant and Soil*, **2006**, 280, 77-90	4.2	175
73	Above-ground biomass and carbon and nitrogen content of woody species in a subtropical thornscrub parkland. *Journal of Arid Environments*, **2005**, 62, 23-43	2.5	60
72	Elevated atmospheric carbon dioxide increases soil carbon.. *Global Change Biology*, **2005**, 11, 2057-2064	11.4	194
71	Black carbon in a temperate mixed-grass savanna. *Soil Biology and Biochemistry*, **2005**, 37, 1879-1881	7.5	96
70	Drought stress influences leaf water content, photosynthesis, and water-use efficiency of Hibiscus rosa-sinensis at three potassium concentrations. *Photosynthetica*, **2005**, 43, 135-140	2.2	137
69	Regional variation and relationships between the contaminants dde and selenium and stable isotopes in swallows nesting along the Rio Grande and one reference site, Texas, USA. *Isotopes in Environmental and Health Studies*, **2005**, 41, 69-85	1.5	7
68	SOIL RESPIRATION AND NUTRIENT CYCLING IN WOODED COMMUNITIES DEVELOPING IN GRASSLAND. *Ecology*, **2004**, 85, 2804-2817	4.6	140
67	Above- and below-ground responses of C3□4 species mixtures to elevated CO2 and soil water availability. *Global Change Biology*, **2003**, 9, 452-460	11.4	56
66	Vegetation dynamics in a Quercus-Juniperus savanna: An isotopic assessment. *Journal of Vegetation Science*, **2003**, 14, 841-852	3.1	27
65	C4 Plant Productivity and Climate-CO2 Variations in South-Central Texas during the Late Quaternary. *Quaternary Research*, **2002**, 58, 182-188	1.9	76
64	Natural Abundances of Carbon Isotopes (14C, 13C) in Lichens and Calcium Oxalate Pruina: Implications for Archaeological and Paleoenvironmental Studies. *Radiocarbon*, **2002**, 44, 675-683	4.6	34
63	Accelerator Mass Spectrometry Radiocarbon Ages of an Oxalate Accretion and Rock Paintings at Toca do Serrote da Bastiana, Brazil. *ACS Symposium Series*, **2002**, 22-35	0.4	16
62	Stable Isotope and Radiocarbon Analyses of a Black Deposit Associated with Pictographs at Little Lost River Cave, Idaho. *Journal of Archaeological Science*, **2002**, 29, 1189-1198	2.9	11
61	Alleviation of drought stress of Chile ancho pepper (Capsicum annuum L. cv. San Luis) with arbuscular mycorrhiza indigenous to Mexico. *Scientia Horticulturae*, **2002**, 92, 347-359	4.1	65
60	Trees in Grasslands **2001**, 115-137		161
59	A paleoclimate reconstruction for southwestern Texas using oxalate residue from lichen as a paleoclimate proxy. *Quaternary International*, **2000**, 67, 29-36	2	34
58	Stable isotopes in ecosystem science: structure, function and dynamics of a subtropical Savanna. *Rapid Communications in Mass Spectrometry*, **1999**, 13, 1263-77	2.2	109
57	Water use by woody plants on contrasting soils in a savanna parkland: assessment with □H and □18O. *Plant and Soil*, **1998**, 205, 13-24	4.2	65

56	Soil carbonate decomposition by acid has little effect on δ13C of organic matter. *Soil Biology and Biochemistry*, **1998**, 30, 1301-1307	7.5	208
55	δ13C values of soil organic carbon and their use in documenting vegetation change in a subtropical savanna ecosystem. *Geoderma*, **1998**, 82, 5-41	6.7	392
54	Quantifying pedogenic carbonate accumulations using stable carbon isotopes. *Geoderma*, **1998**, 82, 115-136	6.7	67
53	Differences in Soil Water Use by Annual Broomweed and Grasses. *Journal of Range Management*, **1998**, 51, 200		16
52	Does grazing mediate soil carbon and nitrogen accumulation beneath C4, perennial grasses along an environmental gradient?. *Plant and Soil*, **1997**, 191, 147-156	4.2	104
51	Spatial Variability in the Potential for Symbiotic N 2 Fixation by Woody Plants in a Subtropical Savanna Ecosystem. *Journal of Applied Ecology*, **1996**, 33, 1125	5.8	60
50	Carbon Dynamics of Aggregate-Associated Organic Matter Estimated by Carbon-13 Natural Abundance. *Soil Science Society of America Journal*, **1996**, 60, 801-807	2.5	317
49	Origin of the Whewellite-Rich Rock Crust in the Lower Pecos Region of Southwest Texas and Its Significance to Paleoclimate Reconstructions. *Quaternary Research*, **1996**, 46, 27-36	1.9	60
48	Contribution of flexible allocation priorities to herbivory tolerance in C perennial grasses: an evaluation with C labeling. *Oecologia*, **1996**, 105, 151-159	2.9	79
47	Insulin, cortisol and thyroid hormones modulate maternal protein status and milk production and composition in humans. *Journal of Nutrition*, **1994**, 124, 1248-57	4.1	33
46	Identification of Annual Rings in an Arid-Land Woody Plant, Prosopis Glandulosa. *Ecology*, **1994**, 75, 850-853	4.3	21
45	Climate, CO2 and plant abundance. *Nature*, **1994**, 372, 625-626	50.4	33
44	Late Quaternary Vegetation and Climate Changes in Central Texas Based on the Isotopic Composition of Organic Carbon. *Quaternary Research*, **1994**, 41, 109-120	1.9	140
43	Technical note: labeling of forages with 13C for nutrition and metabolism studies. *Journal of Animal Science*, **1993**, 71, 1320-5	0.7	14
42	Stable carbon isotope analysis of soil organic matter illustrates vegetation change at the grassland/woodland boundary in southeastern Arizona, USA. *Oecologia*, **1993**, 93, 95-101	2.9	91
41	Carbon Isotope Composition and Gas Exchange of Loblolly and Shortleaf Pine as Affected by Ozone and Water Stress **1993**, 227-244		8
40	Environmental and Developmental Effects on Carbon Isotope Discrimination by Two Species of Phaseolus **1993**, 297-309		5
39	An economical method for the preparation of plant and animal tissue for δ13C analysis. *Communications in Soil Science and Plant Analysis*, **1991**, 22, 177-190	1.5	17

38	Stable carbon isotopes and the study of prehistoric human diet. *Critical Reviews in Food Science and Nutrition*, **1991**, 30, 373-85	11.5	15
37	Impact of dietary cereal on nutrient absorption and fecal nitrogen loss in formula-fed infants. *Journal of Pediatrics*, **1991**, 118, 39-43	3.6	12
36	Absorption of carbon 13-labeled rice in milk by infants during acute gastroenteritis. *Journal of Pediatrics*, **1991**, 118, 526-30	3.6	12
35	Stable Carbon Isotope Ratios of Natural Materials: I. Sample Preparation and Mass Spectrometric Analysis **1991**, 155-171		104
34	Tracer Studies with 13C-Enriched Substrates: Humans and Large Animals **1991**, 219-242		9
33	Stable Carbon Isotope Ratios of Natural Materials: II. Atmospheric, Terrestrial, Marine, and Freshwater Environments **1991**, 173-185		219
32	Assessment of Carbon Allocation with Stable Carbon Isotope Labeling. *Agronomy Journal*, **1990**, 82, 18-21	1.2	37
31	An assessment of long-term food habits of Tsavo elephants based on stable carbon and nitrogen isotope ratios of bone collagen. *African Journal of Ecology*, **1989**, 27, 219-226	0.8	33
30	Stable Carbon Isotopes in Terrestrial Ecosystem Research. *Ecological Studies*, **1989**, 167-195	1.1	89
29	Biomass dynamics of grassland vegetation in Kenya. *African Journal of Ecology*, **1988**, 26, 89-101	0.8	34
28	Seasonal changes in the nutrient content of East African grassland vegetation. *African Journal of Ecology*, **1988**, 26, 103-115	0.8	51
27	Rooting dynamics of Medicago sativa seedlings growing in association with Bothriochloa caucasica. *Oecologia*, **1988**, 77, 453-456	2.9	10
26	Stable isotopes in the study of human nutrition. *International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes*, **1988**, 39, 503		2
25	Epidemiology of Campylobacter pylori Infection: Ethnic Considerations. *Scandinavian Journal of Gastroenterology*, **1988**, 23, 9-13	2.4	44
24	Effect of age on the frequency of active Campylobacter pylori infection diagnosed by the [13C]urea breath test in normal subjects and patients with peptic ulcer disease. *Journal of Infectious Diseases*, **1988**, 157, 777-80	7	142
23	Background levels of carbon-13 reduced in breath and stool by new infant formula. *Journal of Pediatric Gastroenterology and Nutrition*, **1988**, 7, 723-31	2.8	6
22	A carbon-13 breath test to characterize glucose absorption and utilization in children. *Journal of Pediatric Gastroenterology and Nutrition*, **1988**, 7, 842-7	2.8	16
21	Carbon kinetics of milk formation in Holstein cows in late lactation. *Journal of Animal Science*, **1988**, 66, 2636-45	0.7	34

20	Campylobacter pylori detected noninvasively by the 13C-urea breath test. *Lancet, The*, **1987**, 1, 1174-7	40	527
19	Isotope ratio measurements in nutrition and biomedical research. *Mass Spectrometry Reviews*, **1987**, 6, 289-328	11	50
18	Absorption and oxidation of glucose polymers of different lengths in young infants. *Pediatric Research*, **1986**, 20, 740-3	3.2	23
17	Measurement of 13CO2/12CO2 abundance by nondispersive infrared heterodyne ratiometry as an alternative to gas isotope ratio mass spectrometry. *Analytical Chemistry*, **1986**, 58, 2172-8	7.8	23
16	Stable Carbon Isotopic Evidence for Maize Agriculture in Southeast Missouri and Northeast Arkansas. *American Antiquity*, **1986**, 51, 51-65	0.9	66
15	Lysine and protein metabolism in young women. Subdivision based on the novel use of multiple stable isotopic labels. *Journal of Clinical Investigation*, **1986**, 77, 1321-31	15.9	21
14	Effect of infant age on aminopyrine breath test results. *Pediatric Research*, **1985**, 19, 441-5	3.2	13
13	[13C]Acetate oxidation in infants after oral versus rectal administration: a kinetic model. *Journal of Pediatric Gastroenterology and Nutrition*, **1985**, 4, 699-706	2.8	5
12	Carbon isotope ratios of soil organic matter and their use in assessing community composition changes in Curlew Valley, Utah. *Oecologia*, **1985**, 66, 17-24	2.9	116
11	The use of stable carbon isotope analysis in rooting studies. *Oecologia*, **1985**, 67, 205-208	2.9	35
10	Seasonal water relations of savanna shrubs and grasses in Kenya, East Africa. *Journal of Arid Environments*, **1985**, 8, 15-31	2.5	27
9	Characterization of HCO3-/CO2 pool sizes and kinetics in infants. *Pediatric Research*, **1985**, 19, 358-63	3.2	21
8	Stable Carbon Isotope Ratios as Indicators of Prehistoric Human Diet. *ACS Symposium Series*, **1984**, 191-204	0.4	15
7	Fractionation and turnover of stable carbon isotopes in animal tissues: Implications for 13C analysis of diet. *Oecologia*, **1983**, 57, 32-37	2.9	1288
6	Stable isotope analysis of termite food habits in East African grasslands. *Oecologia*, **1983**, 59, 1-6	2.9	98
5	Comparison of quartz and Pyrex tubes for combustion of organic samples for stable carbon isotope analysis. *Analytical Chemistry*, **1983**, 55, 1832-1833	7.8	142
4	Estimation of Plant Biomass by Spectral Reflectance in an East African Grassland. *Journal of Range Management*, **1983**, 36, 213		17
3	Distribution of biomass of species differing in photosynthetic pathway along an altitudinal transect in southeastern wyoming grassland. *Oecologia*, **1980**, 45, 287-298	2.9	101

2	Carbon isotope ratios and crop analyses of Arphia (Orthoptera: Acrididae) species in southeastern Wyoming Grassland. *Oecologia*, **1980**, 45, 299-306	2.9	36
1	Insect herbivory on C and C grasses. *Oecologia*, **1978**, 36, 21-32	2.9	58