

Riaboff L., Couvreur S., Madouasse A., Roig-Pons M., Aubin S., Massabie P., Chauvin A., Bédère N., and Plantier G. (2020). Use of predicted behavior from accelerometer data combined with GPS data to explore the relationship between dairy cow behavior and pasture characteristics. *Sensors (Switzerland)* **20**, 1–33. doi:10.3390/s20174741

Rinella M. J., Vavra M., Naylor B. J., and Boyd J. M. (2011). Estimating influence of stocking regimes on livestock grazing distributions. *Ecol. Modell.* **222**, 619–625. doi:10.1016/j.ecolmodel.2010.10.004

Rubio C. M. B., Cibils A. F., Endecott R. L., Petersen M. K., and Boykin K. G. (2008). Pinon-juniper woodland use by cattle in relation to weather and animal reproductive state. *Rangel. Ecol. Manag.* **61**, 394–404.

Russell M. L., Bailey D. W., Thomas M. G., and Witmore B. K. (2012). Grazing Distribution and Diet Quality of Angus, Brangus, and Brahman Cows in the Chihuahuan Desert. *Rangel. Ecol. Manag.* **65**, 371–381. doi:10.2111/REM-D-11-00042.1

Saether N. H., Sickel H., Norderhaug A., Sickel M., and Vangen O. (2006). Plant and vegetation preferences for a high and a moderate yielding Norwegian dairy cattle breed grazing semi-natural mountain pastures. *Anim. Res.* **55**, 367–387. doi:10.1051/animres:2006033

Sant'Anna A. C., da Costa M. J., Pascoa A. G., Magalhaes Silva L. C., and Jung J. (2015). Assessing land use by cattle in heterogeneous environments. *Cienc. Rural* **45**, 470–473. doi:10.1590/0103-8478cr20131576

Šárová R., Špinka M., Panamá J. L. A., and Šimeček P. (2010). Graded leadership by dominant animals in a herd of female beef cattle on pasture. *Anim. Behav.* **79**, 1037–1045. doi:10.1016/j.anbehav.2010.01.019

Sather B. C., Kallenbach R. L., Sexten W. J., and Bradley K. W. (2013). Evaluation of Cattle Grazing Distribution in Response to Weed and Legume Removal in Mixed Tall Fescue (*Schedonorus phoenix*) and Legume Pastures. *Weed Technol.* **27**, 101–107. doi:10.1614/wt-d-12-00075.1

Sawalhah M. N., Cibils A. F., Hu C., Cao H., and Holeček J. L. (2014). Animal-Driven Rotational Grazing Patterns on Seasonally Grazed New Mexico Rangeland. *Rangel. Ecol. Manag.* **67**, 710–714. doi:10.2111/REM-D-14-00047.1

Sawalhah M. N., Cibils A. F., Maladi A., Cao H., Vanleeuwen D. M., Holeček J. L., Rubio C. M. B., Wesley R. L., Endecott R. L., Mulliniks T. J., and Petersen M. K. (2016). Forage and weather influence day versus nighttime cow behavior and calf weaning weights on rangeland. *Rangel. Ecol. Manag.* **69**, 134–143. doi:10.1016/j.rama.2015.10.007

Schlecht E., Hiernaux P., Kadaouré I., Hülsebusch C., and Mahler F. (2006). A spatio-temporal analysis of forage availability and grazing and excretion behaviour of herded and free grazing cattle, sheep and goats in Western Niger. *Agric. Ecosyst. Environ.* **113**, 226–242. doi:10.1016/j.agee.2005.09.008

Schlecht E., Hülsebusch C., Mahler F., and Becker K. (2004). The use of differentially corrected global positioning system to monitor activities of cattle at pasture. *Appl. Anim. Behav. Sci.* **85**, 185–202. doi:10.1016/j.applanim.2003.11.003

Schoenbaum I., Kigel J., Ungar E. D., Dolev A., and Henkin Z. (2017). Spatial and temporal activity of cattle grazing in Mediterranean oak woodland. *Appl. Anim. Behav. Sci.* **187**, 45–53. doi:10.1016/j.applanim.2016.11.015

Schwarte K. A., Russell J. R., and Morrical D. G. (2011). Effects of pasture management and off-stream water on temporal/spatial distribution of cattle and stream bank characteristics in cool-season grass pastures. *J. Anim. Sci.* **89**, 3236–3247. doi:10.2527/jas.2010-3594

Sickel H., Ihse M., Norderhaug A., and Sickel M. A. K. (2004). How to monitor semi-natural key habitats in relation to grazing preferences of cattle in mountain summer farming areas - An aerial photo and GPS method study. *Landsc. Urban Plan.* **67**, 67–77. doi:10.1016/S0169-2046(03)00029-X

Spedener M., Tofastrud M., Devineau O., and Zimmermann B. (2019). Microhabitat selection of free-ranging beef cattle in south-boreal forest. *Appl. Anim. Behav. Sci.* **213**, 33–39. doi:10.1016/j.applanim.2019.02.006

Spiegel S., Estell R. E., Cibils A. F., James D. K., Peinetti H. R., Browning D. M., Romig K. B., Gonzalez A. L., Lyons A. J., and Bestelmeyer B. T. (2019). Seasonal Divergence of Landscape Use by Heritage and Conventional Cattle on Desert Rangeland. *Rangel. Ecol. Manag.* **72**, 590–601. doi:10.1016/j.rama.2019.02.008

Sprinkle J. E., Taylor J. B., Clark P. E., Hall J. B., Strong N. K., and Roberts-Lew M. C. (2020). Grazing behavior and production characteristics among cows differing in residual feed intake while grazing late season Idaho rangeland. *J. Anim. Sci.* **98**, 1–9. doi:10.1093/jas/skz371

Stephenson M. B., and Bailey D. W. (2017). Do movement patterns of GPS-tracked cattle on extensive rangelands suggest independence among individuals? *Agriculture-Basel* **7**, 58. doi:10.3390/agriculture7070058

Thomas D. T., Wilmot M. G., Kelly R. W., and Revell D. K. (2011). Adaptation behaviour of local and rangeland cattle relocated to a temperate agricultural pasture. *Anim. Prod. Sci.* **51**, 1088–1097. doi:10.1071/AN11044

Thompson D. J., Wheatley B. J., Church J. S., Newman R., and Walker J. (2015). Comparing grazing and resting electivity of beef cattle for BC bunchgrass communities using GPS collars. *Can. J. Anim. Sci.* **95**, 499–507. doi:10.4141/CJAS-2014-116

Tofastrud M., Devineau O., and Zimmermann B. (2019). Habitat selection of free-ranging cattle in productive coniferous forests of south-eastern Norway. *For. Ecol. Manage.* **437**, 1–9. doi:10.1016/j.foreco.2019.01.014

Tofastrud M., Hessele A., Rekdal Y., and Zimmermann B. (2020). Weight gain of free-ranging beef cattle grazing in the boreal forest of south-eastern Norway. *Livest. Sci.* **233**, 103955. doi:10.1016/j.livsci.2020.103955

Tomkins N., and O'Reagain P. (2007). Global positioning systems indicate landscape preferences of cattle in the subtropical savannas. *Rangel. J.* **29**, 217–222. doi:10.1071/RJ07024

Tomkins N. W., O'Reagain P. J., Swain D., Bishop-Hurley G., and Charmley E. (2009). Determining the effect of stocking rate on the spatial distribution of cattle for the subtropical savannas. *Rangel. J.* **31**, 267–276. doi:10.1071/RJ07070

Turner L. W., Udál M. C., Larson B. T., and Shearer S. A. (2000). Monitoring cattle behavior and pasture use with GPS and GIS. *Can. J. Anim. Sci.* **80**, 405–413. doi:10.4141/A99-093

Watanabe N., Umemura K., Sakanoue S., Kozakai T., and Kawamura K. (2010). Utilization by cattle of a pasture including aged hilly sections. *Grassl. Sci.* **56**, 160–167. doi:10.1111/j.1744-697X.2010.00189.x

Wesley R. L., Cibils A. F., Mulliniks J. T., Pollak E. R., Petersen M. K., and Fredrickson E. L. (2012). An assessment of behavioural syndromes in rangeland-raised beef cattle. *Appl. Anim. Behav. Sci.* **139**, 183–194. doi:10.1016/j.applanim.2012.04.005

Wyffels S. A., Boss D. L., Sowell B. F., DelCurto T., Bowman J. G. P., and McNew L. B. (2020). Dormant season grazing on northern mixed grass prairie agroecosystems: Does protein supplement intake, cow age, weight and body condition impact beef cattle resource use and residual vegetation cover? *PLoS One* **15**, 1–25. doi:10.1371/journal.pone.0240629

Wyffels S. A., Petersen M. K., Boss D. L., Sowell B. F., Bowman J. G. P., and McNew L. B. (2019). Dormant Season Grazing: Effect of Supplementation Strategies on Heifer Resource Utilization and Vegetation Use. *Rangel. Ecol. Manag.* **72**, 878–887. doi:10.1016/j.rama.2019.06.006

Zengeya F. M., Murwira A., and de Garine-Witchatitsky M. (2015). Inference of herder presence from GPS collar data of semi-free range cattle. *GEOCARTO Int.* **30**, 905–918. doi:10.1080/10106049.2015.1004129

Zengeya F. M., Mutanga O., and Murwira A. (2013). Linking remotely sensed forage quality estimates from WorldView-2 multispectral data with cattle distribution in a savanna landscape. *Int. J. Appl. EARTH Obs. Geoinf.* **21**, 513–524. doi:10.1016/j.jag.2012.07.008