

James P. Muir, a Fellow of the American Society of Agronomy, is Regent's Professor and Research Scientist with Tarleton and Texas A&M AgriLife Research. A grassland ecologist, he focuses on the plant/animal interface. His research takes place in Africa, South America and North America. His students come from around the world and have undertaken research or presented their data in many countries, including Mozambique, Eritrea, Colombia, Mexico, Turkey, Argentina, Senegal, South Africa, Swaziland, Kenya, Brazil and, of course, Texas. His long-term focus has been legumes, both cultivated and natural, and their myriad roles in pastures, rangeland, prairies and savannahs. Currently his multi-national team is looking at the many facets of legume condensed tannins as they affect plant survival, herbivory, carbon sequestration as well as animal and environment health. He is also interested in domesticating native Texas legume ecotypes for many uses, including rumen methane mitigation, prairie restoration and roadside revegetation.