

## Jim Sanderson Full Publications List

### Books

A Monograph of the Felidae  
Nearing completion; to be published by the author for subscribers

Patterns in Nature. Stuart L. Pimm, University of Chicago Press

Small Cats: The Animal Answer Guide.  
James G. Sanderson and Patrick Watson  
Johns Hopkins University Press  
2011. 144 pages.

Wildlife Issues in a Changing World, second edition  
Michael P. Moulton and James G. Sanderson  
St. Lucie Press, Delray, Florida  
1999. 480 pages.

Landscape Ecology: A Top-down Approach  
Edited by Jim Sanderson and Larry D. Harris  
Lewis Publishers, Boca Raton, Florida  
1999. 250 pages.

### Journal articles

Harris, G., J.G. Sanderson, J. Erz, S. E. Lehnen, M. J. Butler. 2015. Weather and prey predict mammals visitation to water. PLOS One.  
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0141355>

Diamond, J, S. L. Pimm, and J. G. Sanderson. 2015. Comment: the checkered history of checkerboard distributions. Ecology.

Gascon, C., T. M. Brooks, T. Contreras-MacBeath, N. Heard, W. Konstant, J. Lamoreux, F. Launay, M. Maunder, R. A. Mittermeier, S. Molur, R. Khalifa Al Mubarak, M. J. Parr, A. G.J. Rhodin, A. B. Rylands, P. Soorae, J. G. Sanderson, and J-C Vie. 2015. The Importance and Benefits of Species. Current Biology **25**:431–438.

Sanderson, J. 2015. Feds weaken the ESA. Wild Felid Monitor Winter 20(1):8.

Napolitano, C., D. Díaz, J. Sanderson, W. E. Johnson, K. Ritland, C. E. Ritland, and E. Poulin. 2015. Reduced genetic diversity and increased dispersal in guigna (*Leopardus guigna*) in Chilean fragmented landscapes. Journal of Heredity: 522–536.

Meek, P. D., G. Ballard, A. Claridge, R. Kays, K. Moseby, T. O'Brien, A. O'Connell, J. Sanderson, D. E. Swann, M. Tobler and S. Townsend. 2014. Recommended guiding principles for reporting on camera trapping research. *Biodiversity and Conservation* **23**:2321-2343.

Constanza, N., W. E. Johnson, J. Sanderson, S. J. O'Brien, A. Rus Hoelzel, R. Freer, N. Dunstone, K. Ritland, C. E. Ritland, E. Poulin. 2014. Phylogeography and population history of *Leopardus guigna*, the smallest American felid. *Conservation Genetics*.

Sanderson, J. and G. Harris. 2013. Automatic data organization, storage, and analysis of camera trap pictures. *Journal of Indonesian Natural History* **1**:6-14

Vidal, F. and J. Sanderson. 2012. Pumas in central-south Chile. *Cat News* **56**: 40-42.

Sanderson, J.G., J. Diamond, and S.L. Pimm. 2011. Response to Collins *et al.* (2011). *Journal of Biogeography* **8**:1.

Sanderson, J., Y. Yufeng, D. Naktsang. 2010. Of the only endemic cat species in China: the Chinese mountain cat. *Cat News Special Issue* **5**: 18-22.

Harris, G., R. Thompson, J. L. Childs, and J. G. Sanderson. 2010. Automatic storage and analysis of camera trap data. *Journal of the Ecological Society of America* **7**: 352-359.

Sanderson, J. 2010. Kodkod: guigna or pampas cat? *Cat News* **52**: 25-26.

Wilting, A., A. Cord, A. J. Hearn, D. Hesse, A. Mohamed, C. Traeholdt, S. M. Cheyne, S. Sunarto, M-A. Jayasilan, J. Ross, A. C. Shapiro, A. Sebastian, S. Dech, C. Breitenmoser, J. Sanderson, J. W. Duckworth, and H. Hofer. 2010. Modeling the Species Distribution of Flat-Headed Cats (*Prionailurus planiceps*), an Endangered South-East Asian Small Felid. *PLoS ONE* **5**(3): e9612. doi:10.1371/journal.pone.0009612.

Silva-Rodríguez E.A., C. Verdugo, O.A. Aleuy, J.G. Sanderson, G.R. Ortega-Solís, F. Osorio-Zuñiga, and D. González-Acuña. 2010. Evaluating mortality sources for the Vulnerable pudu *Pudu puda* in Chile: implications for the conservation of a threatened deer. *Oryx* **44**:97–103.

Duckworth, J.W., C.R. Sheppard, G. Semiadi, P. Schauenbeg, J. Sanderson, S.I. Robinson, T.G. O'Brien, T. Maddox, M. Linke, J. Holden, and N.W. Brickle. 2009. Does the fishing cat inhabit Sumatra? *Cat News* **51**: 4-9.

Mohd. Azlan J. 2009. Celebrity animal: Borneo 's Houdini. *Malaysian Naturalist* **63**(1):10-11. Photographs by J.G. Sanderson.

Sanderson, J.G. 2009. How the fishing cat came to occur in Sumatra. *Cat News* **50**:6-9.

Joppa, L., J. Bascompte, J.M. Montoya, R. V. Solé, J. Sanderson, and S. L. Pimm. 2009. Reciprocal specialization in ecological networks. 2009. *Ecology Letters* **12**:961-969.

Sanderson, J., J.M. Diamond, and S. Pimm. 2009. Pairwise co-existence of Bismarck and Solomon landbird species. *Evolutionary Ecology Research* **11**: 771-786.

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Delgado, E., L. Villalba, J. Sanderson, C. Napolitano, M. Berna, and J. Esquivel. 2004. Capture of an Andean cat in Bolivia. *Cat News* **40**:2.

Sanderson, J. G. and L. Silveira. 2004. Observations of Xenarthra in the Brazilian Cerrado and Guyana. *Edentata* **5**:40-44.

Sanderson, J. G. 2004. Null model analysis of communities on gradients. *Journal of Biogeography* **31**:1-5.

Sanderson, J., M. E. Sunquist, and A. Iriarte. 2002. Natural history and landscape use of guignas (*Oncifelis guigna*) on Isla Grande de Chiloé, Chile. *Journal of Mammalogy* **83**(2):608-613.

Manly, B. and J. G. Sanderson. 2002. A note on null models: justifying the methodology. *Ecology* **83**(2):580-582.

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Iriarte, W., A. and J. G. Sanderson. 1999. Home-range and activity patterns of kodkod *Oncifelis guigna* on Isla Grande de Chiloé, Chile. *IUCN Cat News* **30**:27.

Moulton, M. P. and J. G. Sanderson. 1999. Fate of passeriform introductions: Reply to Duncan and Young. *Conservation Biology* **13**(4):1-2.

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Sanderson, J. G. 1996b. The crested caracara. *The Florida Naturalist* **17**(2):17-18.

Larsen, E. W., C. D. Levermore, G. C. Pomeraning, and J. G. Sanderson. 1985. Discretization methods for the one-dimensional Fokker-Planck operators. *Journal of Computational Physics* **61**(3):359-390.

Parkinson, W. J. and J. G. Sanderson. 1983. Nonlinear optimization applied to chemical equilibrium problems. LA-9670-MS. 35 pages. Los Alamos National Laboratory, NM.

Mihalas, D., R. P. Weaver, and J. G. Sanderson. 1982. On the iterative solutions of the LTE model atmosphere problem. *Journal of Quantitative Spectroscopy and Radiative Transfer* **28**(1):53-59.

Minerbo, G. N., J. G. Sanderson, D. B. van Hulsteyn, and P. Lee. 1980. Three-dimensional reconstruction of x-ray emission in laser imploded targets. *Applied Optics* **19**(10): 1723-1728.

Hyman, J. M. and J. G. Sanderson. 1978. A local method for digitally restoring motion-blurred images. *IEEE Transactions on Acoustics, Speech, and Signal Processing* **6**(3):256-263.

Carasso, A. S., J. G. Sanderson, and J. M. Hyman. 1978. Digital removal of random media image degradations by solving the diffusion equation backwards in time. *SIAM Journal of Numerical Analysis* **15**(2):344-367.

Minerbo, G. N. and J. G. Sanderson. 1977. Reconstruction of a source from a few (2 or 3) projections. LA-6747-MS. 40 pages. Los Alamos National Laboratory, NM.

Sanderson, J. G. 1977. A proof of convergence of the tridiagonal QL algorithm in floating-point arithmetic. LA-6668-T. 69 pages. Los Alamos National Laboratory, NM.

Ryder, B. G. and J. G. Sanderson. 1974. A program for computing the eigenvalues of Laplace's equation. Computer Science Technical Report 20. 40 pages. Bell Laboratories, Murray Hill, NJ.

### **Book chapters**

Sanderson, J. and G. Harris. 2014. Automatic camera trap data organisation, storage and analysis without entering data by hand using a keyboard. Pages 251-258 *in* Camera Trapping in Wildlife Management and Research. P. Meek, P. Fleming, G. Ballard, P. Banks, A. Claridge, J. Sanderson, D. E Swann, eds. CSIRO Publishing, Collingwood, Australia.

Napolitano, C., J. Sanderson, W.E. Johnson, S.J. O'Brien, R. Hoelzel, R. Freer, N. Dunstone, K. Ritkand, and E. Poulin. 2012. Population Genetics of the felid *Leopardus guigna* in southern South America: Identifying intraspecific units for conservation. Pages xx-xx in *Molecular Population Genetics, Phylogenetics, Evolutionary Biology and Conservation of the Neotropical Carnivores*, M. Ruiz-García and J. Shostell, eds. Nova Science Publishers.

Rovero, F., M. Tobler, and J. Sanderson. 2010. Chapter 6. Camera-trapping for inventorying terrestrial vertebrates. Pages 100-128 in *Manual on Field Recording Techniques and Protocols for All Taxa Biodiversity Inventories and Monitoring*. J. Eymann, J. Degreef, Ch. Häuser, J. C. Monje, Y. Samyn and D. VandenSpiegel, eds. ABC Taxa, Brussels. 653 pages.  
(<http://www.abctaxa.be/volumes/volume-8-manual-atbi/volumes/volume-8-manual-atbi/chapter-6>).

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Gascon, C., da Fonseca, G. A. B., W. Sechrest, K. A. Billmark, and J. Sanderson. 2004. Biodiversity conservation in deforested and fragmented tropical landscapes: an overview. Pages 15-32 in *Agroforestry and Biodiversity Conservation in Tropical Landscapes*. G. Schroth, G. A. B. Fonseca, C. A. Harvey, C. Gascon, H. L. Vasconcelos, and A.-M. N. Izac (eds). Island Press, Washington, DC.

da Fonseca, G. A. B., A. P. Paglia, J. Sanderson, and R. A. Mittermeier. 2003. Marsupials of the New World: Status and Conservation. Pages 399-406 in *Predators with Pouches*. M. Jones, C. Dickman, and M. Archer (eds.). CSIRO Publishing, Collingswood, Australia.

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Harris, L. D., T. Hoctor, D. Maehr, and J. G. Sanderson. 1996. The role of networks and corridors in enhancing the value and protection of parks and equivalent areas in parks and reserves. Pages 173-198 in *National Parks and Protected Areas: Their Role in Conservation*, R. G. Wright (ed.). Blackwell Science Publications, Oxford, UK.

Sanderson, J. G. 1994. Global climate change and its effect on biodiversity: What can numerical models do today? Pages 402-406 in *Conservation Corridors in the Central American Region*, A. Vega (ed.). Tropical Research and Development, Gainesville, Florida.

### **Book reviews**

Sanderson, J. 2004. Biology and Conservation of Wild Canids. *Oryx* **38**(4):463-464.

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### **Other publications**

Sanderson, J.G. Conservation Update. 2006. *Feline Conservation Federation* **50**(1):13-14.

Sanderson, J.G. Iriomote cat. 2006. *Conservation Federation* **50**(1):18.

Sanderson, J. 2005. Conservation of small wild cats. *Feline Conservation Federation* **49**(3):4-5, 22-23.

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