

BIBLIOGRAPHY

- Acha, P.N. and Szyfres, B. 1989 *Zoonoses and communicable diseases common to man and animals*. 2nd ed. Pan American Health Organization, Washington, D.C., Scientific Publ. No. 503, 963pp.
- Afifi, A.A. and Clark, V. 1984 *Computer-aided multivariate analysis* Lifetime Learning Publications, Belmont, California, U.S.A., 458pp.
- Akaike, H. 1987: Factor analysis and AIC *Psychometrika* 52 (3), 317-332.
- Allen, G.M. 1991: Other animals as sources of TB infection. *Proceedings of a Symposium on Tuberculosis* Veterinary Continuing Education, Massey University, Palmerston North, New Zealand, Publication No. 132, 197-201.
- Allison, P.D. 1982: Discrete-time methods for the analysis of event histories. In S. Leinhardt (ed) *Sociological Methodology* Jossey-Bass Publishers, San Francisco, U.S.A. 61-98.
- Amemiya, T. 1980: Selection of regressors *International Economic Review* 21 (2), 331-354.
- Anderson, R.M., Greenfell, B.T and May, R.M 1984: Oscillatory Fluctuations in the Incidence of Infectious Disease and the Impact of Vaccination: Time Series Analysis *Journal of Hygiene, Cambridge* 93, 587-608.
- Anderson, E.B. 1990: *The statistical analysis of categorical data* Springer Verlag, Berlin, 522pp.
- Anderson, J.G. 1987: Structural equation models in the social and behavioral sciences *Child Development* 58, 49-64.
- Anderson, J.R. 1974: Simulation: Methodology and application in agricultural economics. *Review of Marketing and Agricultural Economics* 42, 3-55.
- Anderson, J.R. 1976: Essential probabilistics in modelling *Agricultural Systems* 1, 219-231.
- Anderson, R.M. 1985: The persistence of infectious diseases within wildlife populations: rabies and bovine tuberculosis. In A.J. Gibbs and H.R.C. Meischke (eds) *Hosts and Parasites as Migrants* Cambridge University Press, Cambridge, England, 164-167.
- Anderson, R.M. 1991: Immunization in the field *Nature* 354, 502-503.
- Anderson, R.M. 1991: Populations and infectious diseases: ecology or epidemiology? *Journal of Animal Ecology* 60, 1-50.
- Anderson, R.M. 1991: The Kermack-McKendrick epidemic threshold theorem *Bulletin of Mathematical Biology* 53(1/2), 3-32.
- Anderson, R.M. and May, R.M. 1981: The population dynamics of microparasites and their invertebrate hosts. *Philosophical Transactions of the Royal Society London B* 291, 451-524.
- Anderson, R.M. and Trewhalla, W. 1985: Population dynamics of the badger (*Meles meles*) and the epidemiology of bovine tuberculosis (*Mycobacterium bovis*). *Philosophical Transactions of the Royal Society, London B* 310, 327 - 381.
- Anderson, R.M., Jackson, H.C., May, R.M. and Smith, A. 1981: Population dynamics of fox rabies in Europe. *Nature* 289, 765-771.
- Anon. 1967: Statement of the National Tuberculosis Association Committee on Treatment of Tuberculous Patients in General Hospitals *American Review of Respiratory Diseases* 96, 836-837.
- Anon. 1979: *Guide to making climatological observations* New Zealand Meteorological Service, Wellington, New Zealand, N.Z. Met. S. Misc. Pub. 102, 50pp.

- Anon. 1984: *New Zealand - Chief Veterinary Officer - Annual Report* Ministry of Agriculture and Fisheries, Wellington, 43pp.
- Anon. 1985: *Chief Veterinary Officer - Annual Report* Ministry of Agriculture and Fisheries, Wellington, 52pp.
- Anon. 1986: *Chief Veterinary Officer - Annual Report* Ministry of Agriculture and Fisheries, Wellington, 35pp.
- Anon. 1988: *Additional SAS/STAT[®] procedures, Release 6.03* SAS[®] Technical Report P-179.. SAS Institute Inc., Cary, North Carolina, U.S.A., 255pp.
- Anon. 1988: Chief Veterinary Officer - Annual Report *Surveillance* 15(3), 23pp.
- Anon. 1989: *Annual Supplement* New Zealand Communicable Disease Centre, Wellington, New Zealand, 10-11.
- Anon. 1989: *Assessment of possum control in an area of endemic bovine tuberculosis* Progress Report. Forest Animal Section, Forest Research Institute, Christchurch, New Zealand, 16pp.
- Anon. 1989: Chief Veterinary Officer's Annual Report 1988 *Surveillance* 16(3), 2-22.
- Anon. 1989: *Mycobacterium* January - June 1989. August - Monthly Report New Zealand Communicable Disease Centre, Wellington, New Zealand, 6-9.
- Anon. 1990: Diagnostic standards and classification of tuberculosis *American Review of Respiratory Diseases* 142, 725-735.
- Anon. 1990: *Mycobacterium* July - December 1989. July - Monthly Report. New Zealand Communicable Disease Centre, Wellington, New Zealand, 6-9.
- Anon. 1992: *Official Newsletter of Animal Health Board* Animal Health Board, Wellington, New Zealand, Issue 10, 2pp.
- Anon. 1992: TB Control and Research Strategies for the 1990's: Memorandum from a WHO Meeting. *Bulletin of the World Health Organization* 70 (1), 17-21.
- Bacon, P.J. 1981: The consequences of unreported fox rabies *Journal of Environmental Management* 13, 195 - 200.
- Bacon, P.J. 1985: A systems analysis of wildlife rabies epizootics. In P.J. Bacon (ed) *Population dynamics of rabies in wildlife* Academic Press, London, 109-130.
- Baddeley, C.J. 1985: Assessments of Wild Animal Abundance *FERI Bulletin* No. 106, Protection Forestry Division, Forest Research Institute, Christchurch, New Zealand, 46pp.
- Bailey, J.A. 1968: A weight-length relationship for evaluating physical condition of cottontails. *Journal of Wildlife Management* 32(4), 835-841.
- Bailey, N.T.J. 1991: The use of operational modeling of HIV/AIDS in a systems approach to public health decision making *Mathematical Biosciences* 107, 413-430.
- Balci, O. and Sargent, R.G. 1981. A methodology for cost-risk analysis in statistical validation of simulation models *Communications of the ACM* 24(11), 190-197.
- Ball, F.G. 1985: Spatial models for the spread and control of rabies incorporating group size. In P. Bacon. (ed) *Population Dynamics of Rabies in Wildlife* Academic Press, London., 197-222.

- Bamford, J. 1970: Estimating fat reserves in the brush-tailed possum *Trichosurus vulpecula* Kerr (Marsupialia : Phalangeridae). *Australian Journal of Zoology* 18, 415-425.
- Barlow, N.D. (submitted): A model for the spread of bovine TB in New Zealand. *Journal of Animal Ecology*.
- Barlow, N.D. 1989: *Report on a model for the epidemiology and control of bovine Tb in possums*. Report to MAFQual, Wellington, 74pp.
- Barlow, N.D. 1991: A Spatially Aggregated Disease/Host Model for Bovine TB in NZ Possum Populations. *Journal of Applied Ecology* 28, 777-793.
- Barlow, N.D. 1991: Control of Endemic Bovine TB in NZ Possum Populations: Results from a Simple Model. *Journal of Applied Ecology* 28, 794-809.
- Batcheler, C.L. and Cowan, P.E. 1988 *Review of the status of the possum Trichosurus vulpecula in New Zealand* Report by Technical Advisory Committee (Animal Pests) for Agricultural Pests Destruction Council, Department of Conservation and MAFQual, Ministry of Agriculture and Fisheries, 129 pp.
- Batcheler, C.L., Darwin, J.H. and Pracy, L.T. 1967: Estimation of opossum *Trichosurus vulpecula* populations and results of poison trials from trapping data. *New Zealand Journal of Science* 10, 97-114.
- Beatson, N.S. 1985: Tuberculosis in Red Deer in New Zealand. *Biology of Deer Production* The Royal Society of New Zealand, Bulletin 22, 147-150.
- Bell, B.D. 1981: Breeding and condition of possum *Trichosurus vulpecula* in the Orongorongo Valley, near Wellington, New Zealand, 1966 - 1975. In B.D. Bell (ed) *Proceedings of the first symposium on marsupials in New Zealand* Zoology Publications from Victoria University of Wellington, 74, 87 - 139.
- Benham, P.F.J. and Broom, D.M. 1989: Interactions between cattle and badgers at pasture with reference to bovine tuberculosis transmission. *British Veterinary Journal* 45, 226 - 241.
- Berenson, M.L., Levine, D.M. and Goldstein, M. 1983 *Intermediate statistical methods and applications*. Prentice-Hall, Inc., Englewood Cliffs, New Jersey, U.S.A., 579pp.
- Biggins, J.G. 1984: Communications in possums: A review. In A.P. Smith and I.D. Hume (eds) *Possums and Gliders*, Australian Mammal Society, Sydney, 35-57.
- Biggins, J.G. and Overstreet, D.H. 1978: Aggressive and nonaggressive interactions among captive populations of brush-tail possum, *Trichosurus vulpecula* (Marsupialia : Phalangeridae). *Journal of Mammalogy* 59(1), 149-159.
- Black, F.L. and Singer, B. 1987: Elaboration Versus Simplification in Refining Mathematical Models of Infectious Disease. *Annual Review in Microbiology* 41, 677-701.
- Blancou, J. 1988: Epizootiology of rabies: Eurasia and Africa. . In J.B. Campbell and K.M. Charlton (eds) *Rabies*. Kluwer Academic Publishers, Boston, 243-265.
- Blood, D.C. and Radostits, O.M. 1989: *Veterinary medicine* 7th ed. Baillière Tindall, London, 1502pp.
- Bloom, B. 1992: Back to a Frightening Future. *Nature* 358, 538-539.
- Blyth, C.R. 1972: Subjective versus objective methods in statistics. *American Statistician* 26(3), 20-23.

- Bolliger,A. and Bolliger,W. 1948: Experimental transmission of tuberculosis *Trichosurus vulpecula*. *Australian Journal of Science* 10, 182-183.
- Bomford,M 1990: *A role of fertility control in wildlife management* Bureau of Rural Resources Bulletin Series, Bulletin No.7, Australian Government Publishing Service, Canberra. 7, 50pp.
- Bowie,C. and Prothero,D. 1981. Finding causes of seasonal diseases using time series analysis. *International Journal of Epidemiology* 10 (1), 87 - 92.
- Bradley,D.J. 1982: Epidemiological models - theory and reality. In R.M. Anderson (ed) *The population dynamics of infectious diseases: Theory and application*. Chapman and Hall, London, Great Britain, 320-333.
- Brandt,E.N. 1989: Policy implications of modelling of the AIDS epidemic. *Statistics in Medicine* 8, 137 - 139.
- Brass,D.A. 1993: Insectivorous bats as reservoirs of rabies. *The Compendium* 15 (1), 33-40.
- Breazile,J.E. 1988: The physiology of stress and its relationship to mechanisms of disease and therapeutics. In J.L. Howard (ed) *Stress and Disease in Cattle* The Veterinary Clinics of North America, Food Animal Practice, 4(3), 441-480.
- Breiman,L. and Friedman,J.H. 1988: Comment (to Loh,W. and Vanichsetakul,N.: Tree-structured classification via generalized discriminant analysis). *Journal of the American Statistical Association* 83(403), 725-727.
- Breiman,L., Friedman,J.H., Olshen,R.A. and Stone,C.J. 1984. *Classification and regression trees*. Wadsworth, Inc., Monterey, California, U.S.A., 358pp.
- Breslow,N.E. and Day,N.E. 1980: *Statistical Methods in Cancer Research Vol. 1 - The analysis of case-control studies* IARC Scientific Publications No.32, Lyon, pp350.
- Briggs,P. and Peat,F.D. 1989: *Turbulent mirror*. Harper & Row, New York, U.S.A., 222pp.
- Brochier,B., Kieny,M.P., Costy,F., Coppens,P., Bauduin,B., Lecocq,J.P., Languet,B., Chappuis,G., Desmetre,P., Afiademanyo,K., Libois,R. and Pastoret,P.P. 1991: Large-scale eradication of rabies using recombinant vaccinia-rabies vaccine. *Nature* 354, 520-522.
- Brockie,R.E., 1991: Ecology of an uninfected farm possum population. *Proceedings of a Symposium on Tuberculosis* Publication No. 132, Veterinary Continuing Education, Massey University, Palmerston North, New Zealand, 53-66.
- Brockie,R.E, Herritty,P., Ward,G.W. and Fairweather,A.A.C. 1989: *Population study on Hawke's Bay farmland possums* DSIR Ecology Division Report No.26, 43pp.
- Brockie,R.E., Bell,B.D. and White,A.J. 1981; Age structure and mortality of possum *Trichosurus vulpecula* populations from New Zealand. In B.D. Bell (ed) *Proceedings of the first symposium on marsupials in New Zealand* Zoology Publications from Victoria University of Wellington, 74, 63 - 85.
- Brockie,R.E., Fairweather,A.A.C., Ward,G.D., and Porter,R.E.R. 1987: *Field biology of Hawke's Bay farmland possums, Trichosurus vulpecula* DSIR Ecology Division Report 10, 40 pp.
- Brockie,R.E., Ward,G.D., Herritty,P.J. and Smith,R.N. 1991: *Recolonisation and dispersal of possums on Hawke's Bay farmland 1988-1991: A progress report* DSIR Land Resources Technical Report 51, DSIR, Lower Hutt, New Zealand, 23pp.

- Brocklebank, J.C. and Dickey, D.A. 1986: SAS[®] *System for Forecasting Time Series* SAS Institute Inc., Cary, NC, U.S.A., 240pp.
- Brudney, K. and Dobkin, J. 1991: Resurgent tuberculosis in New York City. *American Review of Respiratory Diseases* 144, 745-749.
- Buddle, B.M., Aldwell, F.E., Jowett, G., Thomson, A., Jackson, R. and Paterson, B.M. 1992: Influence of stress of capture on haematological values and cellular immune responses in a Australian brushtail possum (*Trichosurus vulpecula*). *New Zealand Veterinary Journal* 40 (4), 155-159.
- Burgess, S.M. 1991: New Zealand Weather. *Weather and Climate* 11, 31-36.
- Burnham, K.P. and Overton, W.S. 1979: Robust estimation of population size when capture probabilities vary among animals. *Ecology* 60(5), 927-936.
- Burrough, P.A. 1986: *Principles of geographical information systems for land resource assessment*. Clarendon Press, Oxford, 194 pp.
- Carey, A.B. 1988: Multispecies rabies in the eastern United States. In P. Bacon. (ed) *Population Dynamics of Rabies in Wildlife*. Academic Press, London, 23-41.
- Caughley, G., Pech, R., and Grice, D. 1992: Effect of fertility control on a population's productivity. *Australian Journal of Wildlife Research* 19, 623-627.
- Chatfield, C. 1989: *The analysis of time series*. Chapman and Hall, London, Great Britain, 241pp.
- Cheeseman, C.L., Wilesmith, J.W. and Stuart, F.A. 1989: Tuberculosis: the disease and its epidemiology in the badger, a review. *Epidemiology and Infection* 103, 113 - 125.
- Cheeseman, C.L., Wilesmith, J.W., Stuart, F.A. and Mallinson, P.J. 1988: Dynamics of tuberculosis in a naturally infected Badger population. *Mammal Review* 18 (1), 61 - 72.
- Choquette, L.P.E., Gallivan, J.F., Byrne, J.L. and Pilipavicius, J. 1961: Tuberculosis and some other pathological conditions in bison at Wood Buffalo and Elk Island National Parks in the fall and winter 1959-60. *Canadian Veterinary Journal* 2 (5), 168-174.
- Chretien, J. 1990: Tuberculosis and HIV. The cursed duo. *Bulletin of the International Union against Tuberculosis and Lung Diseases* 56(1), 25-28.
- Clark, G.A., Kelley, J.N. Grange and M.C. Hill 1987: The evolution of Mycobacterial disease in human populations: a reevaluation. *Current Anthropology* 28 (1), 45-62.
- Clendenen, G., Gallucci, V.F and Gara, R.I 1978: On the Spectral Analysis of Cyclical Tussock Moth Epidemics and Corresponding Climatic Indices, with a Critical Discussion of the Underlying Hypotheses. In H.H. Shugart, Jr. (ed) *Time Series and Ecological Processes*, Society for Industrial and Applied Mathematics, Philadelphia, U.S.A., 279-293.
- Cliff, N. 1983: Some cautions concerning the application of causal modeling methods. *Multivariate Behavioural Research* 18, 115 - 126.
- Cliff, N. 1987: *Analyzing multivariate data*. Harcourt Brace Jovanovich, Publ., San Diego, U.S.A., 494pp.
- Clifton-Hadley, R.S. and Wilesmith, J.W. 1991: Tuberculosis in deer: a review. *The Veterinary Record* 129, 5-12.

- Clout, M.N. 1977: *The Ecology of the possum (*Trichosurus vulpecula* Kerr) in *Pinus radiata* plantations*. Unpublished Ph.D. thesis, University of Auckland, Auckland, New Zealand, 346pp.
- Clout, M.N. 1982: Determination of age in the brushtail possum using sections from decalcified molar teeth. *New Zealand Journal of Zoology* 9, 405 - 408.
- Clout, M.N. and Effort, M.G. 1984: Sex differences in the dispersal and settlement of Brushtail possums (*Trichosurus vulpecula*). *Journal of Animal Ecology* 53, 737-749.
- Clout, M.N. and Gaze, P.D. 1984: Brushtail possums (*Trichosurus vulpecula* Kerr) in a New Zealand Beech (*Nothofagus*) forest. *New Zealand Journal of Ecology* 7, 147-155.
- Cohen, M.N. 1989: *Health and rise of civilization* Yale University Press, New Haven, U.S.A., 285pp.
- Coleman, J.D. 1988: Distribution, prevalence, and epidemiology of bovine tuberculosis in brushtail possums, *Trichosurus vulpecula* in the Hohonu Range, New Zealand. *Australian Wildlife Research* 15, 651-663.
- Coleman, J.D. and Green, W.Q. 1984: Variations in sex and age distributions of brush-tailed possum populations. *New Zealand Journal of Zoology* 11, 313-318.
- Coleman, J.S. and Jones, A.B. 1988 *User's guide to TELEM88: Computer analysis system for radio-telemetry data* Dept. of Fisheries and Wildlife, Virginia Polytechnic Institute and State University, Blacksburg, VA. Research Series No.1, 49pp.
- Collins, D.M. and de Lisle, G.W. 1984: DNA restriction endonuclease analysis of *Mycobacterium tuberculosis* and *Mycobacterium bovis* BCG. *Journal of General Microbiology* 130, 1019 - 1021.
- Collins, D.M., de Lisle, G.W. and Gabric, D.M. 1986: Geographic distribution of restriction types of *Mycobacterium bovis* isolates from brush-tailed possums (*Trichosurus vulpecula*) in New Zealand. *Journal of Hygiene, Cambridge* 96, 431 - 438.
- Conway, G.R. 1976: Man versus pests. In R.M. May (ed) *Theoretical ecology: principles and applications*. Blackwell Scientific Publications, Oxford, England, 257-281.
- Cook, B.R. 1975: *Tuberculosis in possums - Buller and Inangahua Counties* Animal Health Division Special Report, Ministry of Agriculture and Fisheries, Wellington, New Zealand, 13pp.
- Cook, B.R. undated: *Tuberculosis in possums - Hohonu Mountain MAF/NZFS Project 117* Animal Health Division Technical Report, Ministry of Agriculture and Fisheries, Wellington, New Zealand, 44pp.
- Cooke, D., Craven, A.H. and Clarke, G.M. 1985 *Statistical programming in Pascal* Edward Arnold, London, Great Britain, 171pp.
- Corner, L.A. and Presidente, P.J.A. 1980 *Mycobacterium bovis* infection in the brush-tailed possum (*Trichosurus vulpecula*): I. Preliminary observations on experimental infection. *Veterinary Microbiology* 5, 309-321.
- Corner, L.A. and Presidente, P.J.A. 1981 *Mycobacterium bovis* infection in the brush-tailed possum (*Trichosurus vulpecula*): II. Comparison of experimental infections with an Australian cattle strain and a New Zealand possums strain. *Veterinary Microbiology* 6, 351-366.

- Corner, L.A., Barrett, R.H., Lepper, A.W.D., Lewis, V. and Pearson, C.W. 1981: A survey of mycobacteriosis of feral pigs in the Northern Territory. *Australian Veterinary Journal* 57, 537-542.
- Coulson, R.N., Folse, L.J. and Loh, D.K. 1987: Artificial Intelligence and Natural Resource Management. *Science* 237, 262 - 267.
- Cowan, P.E. 1987: The influence of lures and relative opportunity for capture on catches of Brushtail possums, *Trichosurus vulpecula*. *New Zealand Journal of Zoology* 14, 149-161.
- Cowan, P.E. 1989: Denning Habits of Common Brushtail Possum, *Trichosurus vulpecula* in New Zealand Lowland Forest. *Australian Wildlife Research* 16, 63-78.
- Cowan, P.E. 1990: Family Phalangeridae - Genus *Trichosurus*. In C.M. King (ed) *The Handbook of New Zealand Mammals*. Oxford University Press, 67-98.
- Cowan, P.E. and Rhodes, D.S. 1988: *Central King Country Research Project - Final report*. Ecology Division, DSIR, Lower Hutt, New Zealand, 57pp.
- Cowan, P.E. and Rhodes, D.S. 1988: *MAF/DSIR Central King Country Project, Final Report*. DSIR Ecology Division, Lower Hutt, New Zealand, 57pp.
- Cowan, P.E. and White, A.J. 1989: Evaluation of a tooth-wear age index for brushtail possums, *Trichosurus vulpecula*. *Australian Wildlife Research* 16, 321 - 322.
- Cox, D.R. 1972: Regression models and life-tables (with discussion). *Journal of the Royal Statistical Society, Series B* 34, 187-220.
- Cramer, E.M. and Appelbaum, M.I. 1980: Nonorthogonal analysis of variance - once again. *Psychological Bulletin* 87(1), 51-57.
- Crawley, M.C. 1973: A live-trapping study of Australian brush-tailed possums, *Trichosurus vulpecula* (Kerr), in the Orongorongo valley, Wellington, New Zealand. *Australian Journal of Zoology* 21, 75-90.
- Crum, L. 1986: *SAS System for Linear Models*. SAS Institute Inc., Cary, NC, U.S.A., 210pp.
- Curtis, C.R., Erb, H.N., Sniffen, C.J., Smith, R.D. and Kronfeld, D.S. 1985: Path analysis of dry period nutrition, postpartum metabolic and reproductive disorders, and mastitis in Holstein cows. *Journal of Dairy Science* 68 (9), 2347-2360.
- Curtis, C.R., Salman, M.D., Strickland, D., Edmonston, B. and Erb, H.N. 1988b: Path analysis using logistic regression: Interpretational and methodologic issues. *Acta veterinaria Scandinavica* Suppl.84, 469-472.
- Curtis, C.R., Scarlett, J.M., Erb, H.N. and White, M.E. 1988a: Path model of individual- calf risk factors for calfhooood morbidity and mortality in New York Holstein herds. *Preventive Veterinary Medicine* 6, 43 - 62.
- Dagpunar, J. 1988: *Principles of random variate generation*. Clarendon Press, Oxford, 228pp.
- Davidson, R.M. 1976: *The opossum as a source of tuberculosis to man and animals*. Tuberculosis Seminar, Hamilton August 9-13 1976, Hamilton, Ministry of Agriculture and Fisheries, Wellington, New Zealand.
- Davidson, R.M., Alley, M.R. and Beatson, N.S. 1981: Tuberculosis in a flock of sheep. *New Zealand Veterinary Journal* 29, 1-2.

- Davis, D.E. and Winstead, R.L. 1980: Estimating the numbers of wildlife populations. In S.D. Schemnitz (ed.) *Wildlife Management Techniques Manual* 4th ed., The Wildlife Society, Washington, D.C., 221-245.
- de Lisle, G.W. and Havill, P.F. 1985: Mycobacteria isolated from deer in New Zealand from 1970 to 1983. *New Zealand Veterinary Journal* 33, 138-140.
- de Lisle, G.W., Carter, C.E. and Corrin, K.C. 1985: Experimental *Mycobacterium bovis* infection in red deer. In P.F. Fennessy and K.R. Drew (eds) *Biology of Deer Production*. Roy. Soc. N.Z. Bull. 22, 155-158.
- Devroye, L. 1986: *Non-uniform random variate generation* Springer Verlag, New York, 843pp.
- Diggle, P.J. 1983: *Spatial statistics*. John Wiley & Sons, New York, 252pp.
- Diggle, P.J. 1990: *Time series*. Clarendon Press, Oxford, England, 257pp.
- Dolan, L.A. 1990: personal communication.
- Downey, L. 1990: *Ireland's TB problem - What can and must be achieved* Paper presented as Dr. Henry Kennedy Memorial Lecture 1990, ICOS, Dublin, 31pp.
- Dungworth, D.L. 1985: The respiratory system. In K.V.F. Jubb, P.C. Kennedy and N. Palmer (eds) *Pathology of domestic animals* Vol.2, Academic Press, Orlando, U.S.A., 413-556.
- Dunnet, G.M. 1956: A live-trapping study of the brushtailed possum *Trichosurus vulpecula* Kerr (Marsupialia). *CSIRO Wildlife Research* 1, 1 - 18.
- Dunnet, G.M., Jones, D.M. and McInerney, J.P. 1986: *Badgers and bovine tuberculosis - Review of policy* Her Majesty's Stationary Office, London, 71p.
- Eberhardt, L.L. 1978: Appraising variability in population studies. *Journal of Wildlife Management* 42(2), 207-238.
- Edwards, L.B., Acquaviva, F.A. and Palmer, C.E. 1971: Height, weight, tuberculous infection and tuberculous disease. *Archives of Environmental Health* 22, 106-112.
- Efford, M.G. 1991: *A review of possum dispersal* Contract Report No.91/73 between DSIR Land Resources and Animal Health Board, DSIR Land Resources, Dunedin, New Zealand, 70pp.
- Efford, M.G. 1991: *Long-term studies of the dynamics of a local population of brushtail possums, Trichosurus vulpecula live-trapping in the Oronogorongo Valley in 1990/91*. Contract Report No.91/41 between DSIR Land Resources and Animal Health Board, DSIR Land Resources, Lower Hutt, New Zealand, 28pp.
- Ekdahl, M.O., Smith, B.L. and Money, D.F.L. 1970: Tuberculosis in some wild and feral animals in New Zealand. *New Zealand Veterinary Journal* 8, 44-45.
- Emanuel, W.R., Shugart, H.H. and West, D.C. 1978: Spectral Analysis and Forest Dynamics: The Effects of Perturbations on Long-Term Dynamics. In H.H. Shugart, Jr. (ed) *Time Series and Ecological Processes* Society for Industrial and Applied Mathematics, Philadelphia, U.S.A., 193-207.
- Everard, C.O.R. and Everard, J.D. 1985: Mongoose rabies in Grenada. In P. Bacon. (ed) *Population Dynamics of Rabies in Wildlife* Academic Press, London, 43-69.

- Fairweather, A.A.C., Brockie, R.E. and Ward, G.D. 1987: Possum (*Trichosurus vulpecula*) sharing dens: A possible infection route for bovine tuberculosis. *New Zealand Veterinary Journal* 35, 15-16.
- Festenstein, F. and Grange, J.M. 1991: Tuberculosis and the acquired immune deficiency syndrome. *Journal of Applied Bacteriology* 71, 19-30.
- Fine, P.E.M., Aron, J.L., Berger, J., Bradley, D.J., Bürger, H.J., Knox, E., Seeliger, H.P.R., Smith, C.E.G., Ulm, K.W. and Yekutieli, P. 1982: The control of infectious disease - Group report. In R.M. Anderson and R.M. May (eds) *Population Biology of Infectious Diseases* Dahlem Konferenzen 1982. Springer-Verlag, Berlin, Germany, 121 - 147.
- Fischman, H.R. 1985: Rabies in Wildlife and Tropical Canines - A population problem. In E. Kuwert, C. Merieux, H. Koprowski and K. Bögel (eds) *Rabies in the Tropics* Springer Verlag, Berlin, Germany, 662 - 668.
- Fishman, G.S. 1973: *Concepts and methods of discrete event digital simulation* John Wiley & Sons, New York, U.S.A., 385pp.
- Fishman, G.S. 1978: Grouping Observations in Digital Simulation. *Management Science* 24(5), 510-521.
- Fishman, G.S. and Kiviat, P.J. 1967: The Analysis of Simulation-Generated Time Series. *Management Science* 13 (7), 525-557.
- Fishman, G.S. and Moore, L.R. 1986: An exhaustive analysis of multiplicative congruential random number generators with modulus $2^32 - 1$. *SIAM Journal of Scientific and Statistical Computing* 7(1), 24-45.
- Fleming, T.H. 1979: Life-history strategies. In D.M. Stoddart (ed) *Ecology of small mammals* Chapman and Hall, London, England, 1-61.
- Forest Research Institute 1989: *Assessment of possum control in an area of endemic bovine tuberculosis - Progress Report* Forest Animal Section, Forest Research Centre, Forest Research Institute, 16pp.
- Fowler, M.E. 1985: Livestock diseases caused by wild mammals. In S.M. Gaafar, W.E. Howard and R.E. Marsh (eds) *Parasites, Pests and Predators* Series World Animal Science B2. Elsevier, Amsterdam, Netherlands. B2, 509 - 535.
- Francis, J. 1958: *Tuberculosis in animals and man* Cassell and Company Limited, London, 357pp.
- Francis, J. 1971: Susceptibility to tuberculosis and the route of infection. *Australian Veterinary Journal* 47, 414.
- Fraser, K.W. 1979: Dynamics and condition of opossum (*Trichosurus vulpecula*) populations in Copland valley, Westland. *Mauri Ora* 7, 117-137.
- Freeland, W.J. and Boulton, W.J. (in prep.): Bovine tuberculosis (*Mycobacterium bovis*) in social groups of water buffalo (*Bubalus bubalis*). Epidemiology of a low transmissibility disease in the absence of host immunity. 46pp.
- Fusaro, R.E., Jewell, N.P., Hauck, W.W., Heilbron, C., Kalbfleisch, J.D., Neuhaus, J.M., and Ashby, M.A. 1989: An annotated bibliography of quantitative methodology relating to the AIDS epidemic. *Statistical Science* 4 (3), 264-281.
- Gallagher, J., Muirhead, R.H. and Burn, K.J. 1976: Tuberculosis in wild badgers (*Meles meles*) in Gloucestershire: Pathology. *The Veterinary Record* 98, 9-14.

- Gass,S.I 1983: Decision-Aiding Models: Validation, Assessment and Related Issues for Policy Analysis.*Operations Research*31(4), 603-629.
- Gilmore,D.P. 1969: Seasonal reproductive periodicity in the male Australian brush-tailed possum (*Trichosurus vulpecula*). *Journal of Zoology, London*157, 75 - 98.
- Gilpin,E., Olshen,R., Henning,H. and Ross Jr.,J 1983: Risk prediction of myocardial infarction. *Cardiology*70, 73-84.
- Glassroth,J. 1992: Tuberculosis in the United States - Looking for a silver lining among the clouds.*American Review of Respiratory Disease*146, 278-279.
- Goldman,L., Weinberg,M., Weisberg,M., Olshen,R., Cook,E.F., Sargent,R.K., Lamas,G.A., Dennis,C., Wilson,C., Deckelbaum,L., Fineberg,H., Stratelli,R. and the Medical House Staffs at Yale-New Haven Hospital and Brigham and Women's Hospital 1982: A computer-derived protocol to aid in the diagnosis of emergency room patients with acute chest pain.*New England Journal of Medicine*307, 588-596.
- Goldsmith,J.R. 1977: Paths of Association in Epidemiological Analysis: Application to Health Effects of Environmental Exposures*International Journal of Epidemiology*6 (4), 391- 399.
- Grange,J.M. and Collins,C.H. 1987: Bovine tubercle bacilli and disease in animals and man. *Epidemiology and Infection*92, 221 - 234.
- Green,W.Q. 1984: A review of ecological studies relevant to management of the common brushtail possums. In A.P. Smith and I.D. Hume (eds)*Possums and Gliders* Australian Mammal Society, Sydney, 483-499.
- Green,W.Q. and Coleman,J.D. 1987: Den sites of possum *Trichosurus vulpecula* and frequency of use in mixed hardwood forest in Westland, New Zealand.*Australian Wildlife Research*14, 285-292.
- Griffin,J.F.T. 1988: The aetiology of tuberculosis and mycobacterial diseases in farmed deer. *Irish Veterinary Journal*42, 23-26.
- Griffin,J.F.T. and Davis,G. 1985: Suppression of T-cell function in the pregnant ewe. *Proceedings of the New Zealand Society of Animal Production*45, 59-62.
- Hadorn,D.C., Draper,D., Rogers,W.H., Keeler,E.B. and Brook,R.H. 1992: Cross-validation performance of mortality prediction models.*Statistics in Medicine*11, 475-489.
- Hanski,I. and Gilpin,M. 1991: Metapopulation dynamics: brief history and conceptual domain. *Biological Journal of the Linnean Society*42, 3-16.
- Hauck,W.W. and Miike,R. 1991: A proposal for examining and reporting stepwise regressions. *Statistics in Medicine*10, 711-715.
- Hayne,D.W. 1949: Calculation of size of home range.*Journal of Mammalogy*30 (1), 1-18.
- Hayne,D.W. 1950: Apparent home range of *Microtus* in relation to distance between traps. *Journal of Mammalogy*31 (1), 26-39.
- Hein,W.R. and Tomasovic,A.A. 1981: An abattoir survey of tuberculosis in feral buffalo. *Australian Veterinary Journal*57, 543-547.
- Helfenstein,U. 1986: Box-Jenkins modelling of some viral infectious diseases.*Statistics in Medicine* 5, 35-47.
- Hennessy,S. (ed) 1986: Cattle TB Issue.*Surveillance*13(3), 38pp.

- Herting, J.R. and Costner, H.L. 1985: Respecification in multiple indicator models. In H.M. Blalock, Jr. (ed) *Causal models in the social sciences* Aldine Publishing Company, New York, U.S.A., 321-393.
- Hickling, G.J. 1989: *Assessment of possum control in an area of endemic bovine tuberculosis* Progress Report for MAFQual, Forest Research Institute, Christchurch, New Zealand, 16pp.
- Hickling, G.J. 1991: *Assessment of possum control in an area of endemic bovine tuberculosis - Hohotaka year 3* Forest Research Institute Contract Report: FWE 91/52, Forest Research Institute, Christchurch, New Zealand, 11pp.
- Hickling, G.J., Pfeiffer, D.U. and Morris, R.S. 1991: *An analysis of the epidemiology of Mycobacterium bovis infection in Australian brushtailed possum (Trichosurus vulpecula Kerr) in the Hauhungaroa ranges, New Zealand* Forest Research Contract Report FWE 91/25, Forest & Wildland Ecosystems Division, Forest Research Institute, Christchurch, New Zealand, 30pp.
- Higgins, C.B.R. and Seabrook, M.F. 1986: The self concept as a factor influencing flexibility in farming practice *Journal of the Agricultural Manpower Society* 1 (12), 14-25.
- Hoffman, D.L. and Franke, G.R. 1986: Correspondence analysis: Graphical representation of categorical data in marketing research *Journal of Marketing Research* 23, 213-227.
- Holland, P.W. 1988: Causal inference, path analysis, and recursive structural equations models. *Sociological Methodology* 18, 449-484.
- Hone, J. 1992: Rate of Increase and Fertility Control *Journal of Applied Ecology* 29, 695-698.
- Hoover, S.V. and Perry, R.F. 1989: *Simulation*. Addison-Wesley, Reading, Massachusetts, U.S.A., 400pp.
- Hosmer, D.W. and Lemeshow, S. 1989: *Applied Logistic Regression* John Wiley & Sons, New York, U.S.A. 307pp.
- Houk, V.N., Baker, J.H., Sorensen, K. and Kent, D.C. 1968: The epidemiology of tuberculosis infection in a closed environment *Archives of Environmental Health* 16, 26-35.
- How, R.A. 1978: Population strategies of four species of Australian "possums". In G.G. Montgomery (ed) *The ecology of arboreal folivores*. Smithsonian Institution Press, Washington, D.C., U.S.A., 305-313.
- How, R.A. 1978: Population strategies of four species of Australian possums. In G.G. Montgomery (ed) *The Ecology of Arboreal Folivores* Smithsonian Institution Press, Washington, D.C., 305-313.
- Hugh-Jones, M.E and Tinline, R.R 1976: Studies on the 1967-68 Foot and Mouth Disease Epidemic: Incubation Period and Herd Serial Interval *Journal of Hygiene, Cambridge* 77, 141-153.
- Hultquist, P.F. 1991: A good random number generator for microcomputers *Simulation* 57(4), 258-259.
- Hunter, J.S and Naylor, T.H. 1970: Experimental Designs for Computer Simulation Experiments. *Management Science* 16(7), 422-434.
- Hurd, H.S. and Kaneene, J.B. 1993: The application of simulation models and systems analysis in epidemiology: a review *Preventive Veterinary Medicine* 15, 81-99.
- Jewell, N.P. 1990: Some statistical issues in studies of the epidemiology of AIDS. *Statistics in Medicine* 9, 1387-1416.

- Jolly, J.N. 1973: Movements and social behaviour of the opossum *Trichosurus vulpecula* Kerr, in a mixed scrub, bush and pasture habitat *Mauri Ora* 1, 65 - 71.
- Jolly, J.N. 1976 and Winter, J.W. 1976 in Clout, M.N. and Efford, M.G. 1984: Sex differences in the dispersal and settlement of Brushtail possum *Trichosurus vulpecula*. *Journal of Animal Ecology* 53, 737-749.
- Jolly, J.N. 1976: Habitat use and movements of the opossum *Trichosurus vulpecula* in a pastoral habitat on Banks Peninsula *Proceedings of the New Zealand Ecological Society* 23, 70 - 78.
- Jöreskog, K.G. 1985: LISREL. In S. Kotz and N.L. Johnson (eds) *Encyclopedia of Statistical Sciences*. Vol. 5, John Wiley & Sons, New York, U.S.A., 87-90.
- Jöreskog, K.G. and Sörbom, D. 1988 *PRELIS ä. A preprocessor for LISREL* 2nd ed., Scientific Software, Mooresville, Indiana, U.S.A., 42pp.
- Jöreskog, K.G. and Sörbom, D. 1989 *LISREL â 7 User's Reference Guide* 1st ed., Scientific Software, Mooresville, Indiana, U.S.A., 316pp.
- Jørgenson, S.E. 1986: *Fundamentals of ecological modelling* Elsevier, Amsterdam, The Netherlands, 389pp.
- Julian, A.F. 1981: Tuberculosis in the possum *Trichosurus vulpecula* In B.D. Bell (ed) *Proceedings of the first symposium on marsupials in New Zealand* Zoology Publication No.74, Victoria University, Wellington, 163-174.
- Kahn, H.A. and Sempos, C.T. 1989 *Statistical Methods in Epidemiology* Oxford University Press, New York, 292 pp.
- Kaplan, C., Turner, G.S. and Warrell, D.A. 1986 *Rabies - The Facts* Oxford University Press, Oxford, Great Britain, 126pp.
- Kareiva, P. 1990: Population dynamics in spatially complex environments: theory and data. *Philosophical Transactions of the Royal Society, London* B 330, 175-190.
- Kean, R.I. 1967: Behaviour and territorialism in *Trichosurus vulpecula* (Marsupialia). *Proceedings of the New Zealand Ecological Society* 4, 71-78.
- Keber, A.W. 1988: *An enquiry into the economic significance of possum damage in an exotic forest near Taupa* Unpublished Ph.D. thesis, University of Auckland, Auckland, New Zealand.
- Kelley, K.W. 1985: Immunological consequences of changing environmental stimuli. In G.P. Moberg (ed.) *Animal Stress*. American Psychological Society, Bethesda, Maryland, U.S.A., 193-223.
- Kendall, M., Stuart, A. and Ord, K. 1983 *The advanced theory of statistics* Vol.3 Design and analysis, and time series. Charles Griffin, London, England, 780pp.
- Kerle, J.A. 1984: Variation in the Ecology of *Trichosurus* Its adaptive significance. In A.P. Smith and I.D. Hume (eds) *Possums and Gliders* Australian Mammal Society, Sydney, 115-128.
- Kleijnen, J.P.C. 1974: *Statistical techniques in simulation* Part I. Marcel Dekker, Inc., New York, U.S.A., 285pp.
- Kleijnen, J.P.C. 1987: *Statistical tools for simulation practitioners*. Marcel Dekker, New York, U.S.A., 429pp.

- Kleinbaum, D.G., Kupper, L.L. and Morgenstern, H. 1982 *Epidemiologic Research- Principles and Quantitative Methods*. Lifetime Learning Publications, New York, 529pp.
- Kleinbaum, D.G., Kupper, L.L. and Muller, K.E. 1988 *Applied regression analysis and other multivariable methods*. 2nd ed., PWS-Kent Publishing Company, Boston, 718pp.
- Knuth, D.E. 1981 *The art of computer programming- Vol.2 Seminumerical algorithms*. Addison-Wesley, Reading, Massachusetts, U.S.A., 688pp.
- Kotz, S. and Johnson, N.L. 1989 *Encyclopedia of Statistical Sciences* Supplement volume. John Wiley & Sons, New York, U.S.A., 283pp.
- Krebs, C.J. 1989: *Ecological Methodology*. Harper Collins Publishers, New York, U.S.A., 654pp.
- Krebs, C.J. and Myers, J.H. 1974: Population cycles in small mammals. In A. MacFadyen (ed) *Advances in Ecological Research* Vol.8., Academic Press, London, 267 - 399.
- Kreutzer, W. 1986: *System simulation* Addison-Wesley Publishing Company, Sydney, Australia, 366pp.
- Kruuk, H. 1989: *The social badger*. Oxford University Press, Oxford, England, 153pp.
- Lair, H. 1987: Estimating the location of the focal center in red squirrel home ranges. *Ecology* 68(4), 1092-1101.
- Lancaster, H.O. 1990: *Expectations of life*. Springer Verlag, New York, U.S.A., 605pp.
- Last, J.M. 1988: *A dictionary of epidemiology* Oxford University Press, New York, 141pp.
- Lee, E.T. 1980: *Statistical Methods for Survival Data Analysis* Lifetime Learning Publications, Belmont California, 557pp.
- Legendre, L. and Legendre, P. 1983 *Numerical Ecology* Elsevier Scientific Publishing Company, Amsterdam, 419pp.
- Lepper, A.W.D. and Pearson, C.W. 1973: The route of infection in tuberculosis of beef cattle. *Australian Veterinary Journal* 49, 266-267.
- Lepper, A.W.D. and Corner, L.A. 1983: Naturally occurring Mycobacterioses of animals. In C. Ratledge and J. Stanford (eds) *The Biology of Mycobacteria* Vol.2 Immunological and Environmental Aspects. Academic Press, London, 417-521.
- Letts, G.A. 1964: Feral animals in the Northern Territory. *Australian Veterinary Journal* 40, 84-88.
- Liess, B. 1988: Afrikanische Schweinepest - Virus, Vorkommen, Epidemiologie und Immunologie. In G. Wittmann (ed) *Diagnose und Bekämpfung der Afrikanischen Schweinepest* Symposium of the Deutsche Veterinärmedizinische Gesellschaft, Bundesforschungsanstalt für Viruskrankheiten der Tiere, Tübingen, 4. Mai 1988, 1-17.
- Lilienfeld, A.M. and Lilienfeld, D.E. 1980 *Foundations of Epidemiology* 2nd ed., Oxford University Press, New York, U.S.A., 375pp.
- Littell, R.C., Freund, R.J. and Spector, P.C. 1991 *SAS[®] System for Linear Models* SAS Institute Inc., Cary, North Carolina, U.S.A., 329 pp.
- Little, R.J.A. and Rubin, D.B. 1987 *Statistical analysis with missing data* John Wiley & Sons, New York, U.S.A., 278pp.

- Livingstone, P.G. 1988: Cattle Tb - an update on the situation in New Zealand. *Surveillance* 15(1), 3-7.
- Livingstone, P.G. 1990: Epidemiology of tuberculosis: A national perspective. In P.R. Wilson (ed) *Proceedings of a Deer Course for Veterinarians*. Deer Branch - New Zealand Veterinary Association Course No.7, Massey University, Palmerston North, New Zealand.
- Livingstone, P.G. personal communication.
- Losos, G.J. 1986: *Infectious tropical diseases in domestic animals*. Longman, England, 938pp.
- Lyne, A.G. and Verhagen, A.M.W. 1957: Growth of the marsupial *Trichosurus vulpecula* and a comparison with some higher mammals. *Growth* 21, 167-195.
- MacArthur, R.H. and Wilson, E.O. 1967: *The theory of island biogeography*. Princeton University Press, Princeton, New Jersey, U.S.A., 203pp.
- MacCallum, R. 1986: Specification searches in covariance structure modeling. *Psychological Bulletin* 100 (1), 107-120.
- MacDiarmid, S.C. 1991: Chief Veterinary Officer's Annual Report 1990. *Surveillance* 18(4), 3-32.
- MacDonald, D.W. 1980: *Rabies and Wildlife - A biologist's perspective*. Oxford University Press, Oxford, United Kingdom, 151pp.
- MacDonald, D.W. and Voigt, D.R. 1985: The biological basis of rabies models. In P. Bacon. (ed) *Population Dynamics of Rabies in Wildlife*. Academic Press, London, 71-108.
- MacInnes, C.D. 1988: Control of wildlife rabies: the Americas. In J.B. Campbell and K.M. Charlton (eds) *Rabies*. Kluwer Academic Publishers, Boston, 381 - 405.
- MacInnes, C.D., Tinline, R.R., Voigt, D.R., Broekhoven, L.H. and Rosatte, R. 1988: Planning for Rabies Control in Ontario. *Reviews of Infectious Diseases* 10 (Suppl.4), 665 - 669.
- Mackintosh, C.G. and Beatson, N.S. 1985: Relationships between diseases of deer and those of other animals. In *Biology of Deer Production*. The Royal Society of New Zealand, Bull. 22, 77 - 82.
- Maddock, E.C.G. 1934 quoted in Mitscherlich, E. and Marth, E.H. 1984. *Microbial survival in the environment*. Springer Verlag, Berlin, 802pp.
- Mahmood, K.H., Rook, G.A.W., Stanford, J.L., Stuart, F.A. and Pritchard, D.G. 1987: The immunological consequences of challenge with bovine tubercle bacilli in badgers (*Meles meles*). *Epidemiology and Infection* 98, 155 - 163.
- Mantel, N. 1967: The detection of disease clustering and a generalized regression approach. *Cancer Research* 27 (2), 209 - 220.
- Marsaglia, G and Zaman, A 1991: A New Class of Random Number Generator. *The Annals of Applied Probability* 1(3), 462-480.
- Marshall, R.J. 1991: A review of methods for the statistical analysis of spatial patterns of disease. *Journal of the Royal Statistical Society A* 154(3), 421-441.
- Martin, S.W., Meek, A.H. and Willeberg, P. 1987. *Veterinary Epidemiology - Principles and Methods*. Iowa State University Press, Ames, Iowa, U.S.A., 343pp.
- McAleer, P.D. 1990: The relationship between badger density and the incidence of bovine tuberculosis in county Galway. *Irish Veterinary Journal* 43, 77-80.

- McCarl, B.A. 1984: Model Validation: An Overview with some Emphasis on Risk Models. *Review of Marketing and Agricultural Economics* 52 (3), 153-171.
- McCleary, R. and Hay Jr., R.A. 1980 *Applied time series analysis* Sage Publications, Beverly Hills, California, U.S.A., 330pp.
- McCool, C.J. and Newton-Tabrett, D.A. 1979: The route of infection in tuberculosis in feral buffalo. *Australian Veterinary Journal* 55, 401-402.
- McCullagh, P. and Nelder, J.A. 1989 *Generalized Linear Models* 2nd. ed., Chapman and Hall, London, Great Britain, 511pp.
- McDonald, I.R. 1980: The physiology of the adrenal cortex in marsupials. In K. Schmidt-Nielsen, L. Bolis and C.R. Taylor (eds) *Comparative Physiology: Primitive Mammals*. Cambridge University Press, Cambridge, Great Britain, 316-323.
- McIlroy, S.G., Neill, S.D. and McCracken, R.M. 1986: Pulmonary lesions and *Mycobacterium bovis* excretion from the respiratory tract of tuberculin reacting cattle. *The Veterinary Record* 118, 718 - 721.
- McLachlan, G.J. 1992: Cluster analysis and related techniques in medical research. *Statistical Methods in Medical Research* 1, 27-48.
- Meadows, D.J. and Robinson, J.M. 1984 *The electronic oracle: Computer models and social decisions*. Wiley & Sons, Chichester, England.
- Mercer, A. 1990: *Disease, Mortality and Population in Transition* Leicester University Press, Leicester, Great Britain, 262pp.
- Mims, C.A. 1987: *The pathogenesis of infectious disease* 3rd ed., Academic Press, London, Great Britain, 342pp.
- Mitscherlich, E. and Marth, E.H. 1984 *Microbial survival in the environment* Springer-Verlag, Berlin, Germany, 802pp.
- Mollison, D. 1985: Sensitivity analysis of simple endemic models. In P.J. Bacon (ed) *Population dynamics of rabies in wildlife* Academic Press, London, England, 223-234.
- Mollison, D. 1986: Modelling biological invasions: chance, explanation, prediction. *Philosophical Transactions of the Royal Society, London* B 314, 675 - 693.
- Mollison, D. 1987: Population dynamics of mammalian diseases. *Symposium of the Zoological Society, London* 58, 329 - 342.
- Mollison, D. and Kuulasmaa, K. 1985: Spatial epidemic models: Theory and simulations. In P.J. Bacon (ed) *Population Dynamics of Rabies in Wildlife* Academic Press, London, 291-309.
- Morris, R.S. 1972: The use of computer modelling techniques in studying the epidemiology and control of animal disease. In A. Madsen and P. Willeberg (eds) *Proceedings of the International Summer School on Computers and Research in Animal Nutrition and Veterinary Medicine*. Elsinore, Denmark (August 13-26, 1972), 435 - 463.
- Morris, R.S. 1976: Animal health information systems. In P.R. Ellis, A.P.M. Shaw and A.J. Stephens (eds) *New Techniques in Veterinary Epidemiology and Economics* Proceedings of a Symposium, University of Reading, England, July 12-15, 1976, 5-18.

- Morris,R.S. 1976:*The use of computer modelling in epidemiological and economic studies of animal disease* Thesis, Doctor of Philosophy, Department of Agriculture and Horticulture, University of Reading, Reading, England, 134pp.
- Morris,R.S. and Pfeiffer,D.U. 1990*Report of Consultancy on Bovine Tuberculosis for Eradication of Animal Disease Board (ERAD)* Government of Ireland, Dublin, Republic of Ireland, 17pp.
- Morris,R.S., Pfeiffer,D.U. and Jackson,R. (1994): The epidemiology of *Mycobacterium bovis* infections. *Veterinary Microbiology*
- Mulaik,S.A., James,L.R., Van Alstine,J., Bennett,N., Lind,S. and Stilwell,C.D 1989: Evaluation of goodness-of-fit indices for structural equation models. *Psychological Bulletin* 105(3), 430-445.
- Myers,J.A. and Steele,J.H. 1969*Bovine Tuberculosis - Control in Man and Animals* Warren H. Green, Inc., St.Louis, Missouri, U.S.A., 403pp.
- Naylor,T.H. and Finger,J.M. 1967: Verification of computer simulation models. *Management Science* 14(2), B 92-101.
- Neill,S.D., O'Brien,J.J., and McCracken,R.M. 1988*Mycobacterium bovis* in the anterior respiratory tracts in the heads of tuberculin-reacting cattle. *The Veterinary Record* 122, 184 - 186.
- Nolan,A. 1991:*An investigation of the development of specific antibody responses of badgers (Meles meles) to infection with Mycobacterium bovis with reference to the pathogenesis and epidemiology of the disease* Thesis, Doctor of Philosophy, Department of Biology and Biochemistry, Brunel University, Great Britain, 287pp.
- Norton,G.A. 1988: Philosophy, concepts and techniques. In G.A. Norton and R.P. Pech (eds) *Vertebrate pest management in Australia* CSIRO Division of Wildlife and Ecology, Australia, 1-17.
- O'Connor,R. and O'Malley,E. 1989*Badgers and bovine tuberculosis in Ireland* Report to Eradication of Animal Disease Board by The Economic and Social Research Institute. Dublin, Ireland, 62pp.
- O'Hara,P.J. 1993: Chief Veterinary Officer's Annual Report 1992. *Surveillance* 20(3), 3-19.
- O'Hara,P.J., Julian,A.F. and Ekdahl,M.O. 1976: Tuberculosis in the opossum (*Trichosurus vulpecula*): An experimental study. *Proceedings of Tuberculosis seminar* Hamilton August 9-13, Ministry of Agriculture and Fisheries, 30pp.
- Oliver,M.A. and Webster,R. 1990: Kriging: a method of interpolation for geographical information systems. *International Journal of Geographical Information Systems* 4 (3), 313-332.
- Onstad,D.W. 1988: Population-dynamics theory: The roles of analytical, simulation, and supercomputer models. *Ecological Modelling* 43, 111-124.
- Otis,D.L, Burnham,K.P., White,G.C. and Anderson,D.R. 1978: Statistical inference from capture data on closed animal populations. *Wildlife Monographs* 62, 135pp.
- Otteridge,P.M. 1985:*Veterinary Immunology* Academic Press, London, 280pp.
- Packard,R.M. and Epstein,P. 1991: Epidemiologists, social scientists, and the structure of medical research on AIDS in Africa. *Social Science and Medicine* 33 (7), 771-794.
- Parker,R.L. 1975: Rabies in Skunks. In G.M. Baer (ed) *The Natural History of Rabies - Volume II*. Academic Press, New York, U.S.A., 41-51.

- Pastoret,P.P., Thiry,E., Brochier,B., Schwers,A., Thomas,I. and Dubuisson,J. 1988: Diseases of wild animals transmissible to domestic animals *Revue scientifique et technique de l'Office International des Epizooties*7 (4), 705 - 736.
- Patel,A. and Streeon,J. 1990:*Tuberculosis in Australia and New Zealand into the 1990s* Australian Government Publishing Service, Canberra, Australia, 85pp.
- Paterson,B.M. 1993:*Behavioural patterns of possums and cattle which may facilitate the transmission of tuberculosis* Thesis, Master of Veterinary Science, Massey University, Palmerston North, New Zealand, 196pp.
- Payne,J.A. 1982:*Introduction to simulation - Programming techniques and methods of analysis*. McGraw-Hill, New York, U.S.A., 324pp.
- Pedhazur,E.J. 1982:*Multiple regression in behavioral research*Holt, Rinehart and Winston, New York, 822pp.
- Peterson,P.K., Chao,C.C., Molitor,T., Murtaugh,M., Strgar,F. and Sharp,B.M. 1991: Stress and pathogenesis of infectious disease *Reviews of Infectious Diseases*13, 710-720.
- Peto,R., Pike,M.C., Armitage,P., Breslow,N.E., Cox,D.R., Howard,S.V., Mantel,N., McPherson,K., Peto,J. and Smith,P.G. 1977: Design and analysis of randomized clinical trials requiring prolonged observation of each patient - II. Analysis and examples. *British Journal of Cancer*35, 1 - 39.
- Pianka,E.R. 1970: On r - and K -selection. *American Naturalist*104, 592-597.
- Pianka,E.R. 1983:*Evolutionary ecology* 3rd ed., Harper & Row, New York, U.S.A., 416pp.
- Plowright,W. 1982: The effects of Rinderpest and Rinderpest Control on Wildlife in Africa. *Symposium of the Zoological Society, London*50, 1 - 28.
- Plowright,W. 1988: Research on wildlife diseases: is a reappraisal necessary? *Revue scientifique et technique de l'Office International des Epizooties*7 (4), 783 - 795.
- Pollock,K.H. 1982: A capture-recapture design robust to unequal probability of capture. *Journal of Wildlife Management*46(3), 752-756.
- Pollock,K.H., Nichols,J.D., Brownie,C. and Hines,J.E. 1990: Statistical inference for capture-recapture experiments. *Wildlife Monographs*107, 93pp.
- Pollock,K.H., Winterstein,S.R., Bunck,C.M.,and Curtis,P.D. 1989. Survival analysis in telemetry studies: The staggered entry design *Journal of Wildlife Management*53 (1), 7-15.
- Popper,K.R. 1959:*The logic of scientific discovery* Hutchinson, London, Great Britain, 480pp.
- Pracy,L.T. 1962:*Introduction and liberation of the opossum (*Trichosurus vulpecula*Kerr) into New Zealand* New Zealand Forest Service Information Series No.45, 28pp.
- Press,W.H., Flannery,B.P., Teukolsky,S.A. and Vetterling,W.T. 1988:*Numerical recipes - The art of scientific computing* Cambridge University Press, Cambridge, 818pp.
- Preston,E.M. 1973: Computer simulated dynamics of a rabies-controlled fox population. *Journal of Wildlife Management*37 (4), 501 - 512.
- Prigogine,I. and Stengers,I. 1984:*Order out of chaos* Fontana, London, Great Britain, 349pp.
- Pritchard,D.G. 1988: A century of bovine tuberculosis 1888-1988: Conquest and controversy. *Journal of comparative Pathology*99, 357-399.

- Pritchard, D.G., Stuart, F.A., Wilesmith, J.W. and Cheeseman, C.L., 1986: Tuberculosis in East Sussex III. Comparison of post-mortem and clinical methods for the diagnosis of tuberculosis in badgers *Journal of Hygiene, Cambridge* 97, 27-36.
- Pritchard, D.G., Stuart, F.E. and Brewer, J.I. 1987: Experimental infection of badgers (*Meles meles*) with *Mycobacterium bovis* *Epidemiology and Infection* 98, 145-154.
- Purvis, A. 1991: TB takes a deadly turn *Time Magazine* 48, 48.
- Putman, R.J. 1989: Introduction: mammals as pests. In R.J. Putman (ed) *Mammals as Pests* Chapman and Hall, London, Great Britain, 1-20.
- Quade, E.S. 1991: Predicting the consequences: Models and modeling. In H.J. Miser and E.S. Quade (eds) *Handbook of Systems Analysis - Overview of Uses, Procedures, Applications, and Practice* North-Holland, New York, U.S.A., 191-218.
- Ravindran, A., Phillips, D.T. and Solberg, J.L. 1987 *Operations Research- Principles and Practice*. 2nd. ed., John Wiley & Sons, New York, U.S.A., 637pp.
- Rich, A.R. 1951: *The pathogenesis of tuberculosis* 2nd ed., Charles C. Thomas Publisher, Springfield, Illinois, U.S.A., 1028pp.
- Ripley, B.D. 1983. Computer Generation of Random Variables: A Tutorial. *International Statistical Review* 51, 301-319.
- Ripley, B.D. 1987: *Stochastic simulation* John Wiley & Sons, New York, U.S.A., 237pp.
- Robins, J.M., and Greenland, S. 1986: The role of model selection in causal inference from nonexperimental data *American Journal of Epidemiology* 123 (3), 392-402.
- Röhler, H. 1970: Lymphknoten. In H. Stünzi (ed) *Zirkulations- und hämatopoetische Organe - Handbuch der speziellen pathologischen Anatomie der Haustiere* Band II. Verlag Paul Parey, Berlin, 439-511.
- Rothman, K.J. 1986: *Modern Epidemiology* Little, Brown and Company, Boston, U.S.A., 358pp.
- Rothman, K.J. 1990: A sobering start for the cluster buster's conference *American Journal of Epidemiology* 132(1), S 6-13.
- Rountree, J.R. 1977: Systems thinking - some fundamental aspects *Agricultural Systems* 2, 247 - 254.
- Rubin, G., Umbach, D., Shyu, S. and Castillo-Chavez, C. 1992: Using Mark-Recapture Methodology to Estimate the Size of a Population at Risk for Sexually Transmitted Diseases. *Statistics in Medicine* 11, 1533-1549.
- Sanchez-Vizcaino, J.M. 1992: African swine fever. In A.D. Leman, B.E. Straw, W.L. Mengeling, S. D'Allaire and D.J. Taylor (eds) *Diseases in Swine*, Iowa State University Press, Ames. Iowa, U.S.A., 228-236.
- Sanson, R.L. 1988: Tuberculosis in goats *Surveillance* 15 (2), 7-8.
- Sargent, R.G. 1984: Simulation model validation. In T.I. Ören, B.P. Zeigler and M.S. Elzas (eds) *Simulation and model-based methodologies: An integrative view* Springer-Verlag, Berlin, Germany, Vol. F10, 537-555.
- Saris, W.E. and Stronkhorst, L.H. 1984 *Causal modelling in nonexperimental research*. Sociometric Research Foundation, Amsterdam, The Netherlands, 335pp.
- SAS Institute 1984: *SAS/ETS[®] User's Guide* Version 6, 1st ed., SAS Institute, Cary, NC, U.S.A., 560pp.

- SAS Institute 1988:*SAS Technical Report P-179 Additional SAS/STAT[®] Procedures, Release 6.03*. SAS Institute Inc., Cary, North Carolina, U.S.A., 255pp.
- SAS Institute 1988:*SAS[®] Language Guide for Personal Computers, Release 6.03 Edition* SAS Institute Inc., Cary, North Carolina, U.S.A., 558pp.
- SAS Institute 1990:*SAS Technical Report P-200 SAS/STAT[®] Software: CALIS and LOGISTIC Procedures, Release 6.04*SAS Institute Inc., Cary, North Carolina, U.S.A., 236pp.
- SAS Institute 1991:*SAS/STAT[®] Software: The PHREG procedure*SAS Institute Inc., Cary, North Carolina, U.S.A., 59pp.
- Sayers,B.McA., Ross,A.J., Saengcharoenrat,P. and Mansourian,B.G. 1985: Pattern analysis of the case occurrences of fox rabies in Europe. In P.J. Bacon (ed)*Population Dynamics of Rabies in Wildlife* Academic Press, London, 235-254.
- Schlesselman,J.J. 1982*Case-control studies* Oxford University Press, New York, U.S.A., 354pp.
- Schliesser,T. 1982: Zur Geschichte und Entwicklung der Rindertuberkulose-Bekämpfung. *Zentralblatt Bakteriologie und Hygiene*I. Abt. Orig. A 251, 326-340.
- Schliesser,T. 1985:*Mycobacterium* In H. Blobel and Th. Schliesser (eds)*Handbuch der bakteriellen Infektionen bei Tieren* Vol.5. Gustav Fischer Verlag, Stuttgart, Germany, 155-280.
- Schnurrenberger,P.R., Sharman,R.S. and Wise,G.H. 1987*Attacking animal diseases* Iowa State University Press, Ames, Iowa, U.S.A., 200pp.
- Schwabe,C.W., Riemann,H.P. and Franti,C.E. 1977*Epidemiology in Veterinary Practice* Lea & Febiger, Philadelphia, U.S.A., 303pp.
- Schwabe,C.W., Riemann,H.P., Franti,C.E. 1977*Epidemiology in Veterinary Practice*Lea & Febiger, Philadelphia, 303pp.
- Scott,G.R. 1990: Diseases caused by viruses. In M.M.H. Sewell and D.W. Brocklesby (eds *Handbook on Animal Diseases in the Tropics*4th edition, Baillière Tindall, London, Great Britain, 257-362.
- Seabrook,M.F. and Higgins,C.B.R. 1988: The role of the farmer's self-concept in determining farmer behaviour*Agricultural Administration and Extension*30, 99-108.
- Seber,G.A.F. 1982:*The Estimation of Animal Abundance* Charles Griffin & Company, London, Great Britain, 654pp.
- Shannon,R.E. 1975:*Systems simulation* Prentice-Hall, Englewood Cliffs, New Jersey, U.S.A., 387pp.
- Shepard,R.N. 1972: Introduction to Volume I. In R.N. Shepard, A.K. Romney and S.B. Berlove (eds)*Multidimensional scaling - Theory and applications in the behavioral sciences*, Volume I. Seminar Press, New York, 1-20.
- Shortridge,E.H. 1981: Tuberculosis in cattle and opossums. *Proceedings of Veterinary Public Health Seminar*, Palmerston North, 15-16 August 1981, 83 - 93.
- Sinclair,A.R.E. 1989: Population regulation in animals. In J.M. Cherrett (ed)*Ecological Concepts*. Blackwell Scientific Publishers, Oxford,, 197 - 241.

- Singer, J.D. and Willett, J.B. 1991: Modeling the days of our lives: using survival analysis when designing and analyzing longitudinal studies of duration and the timing of events. *Psychological Bulletin* 110 (2), 268-290.
- Smith, A. and Lee, A. 1984: The evolution of strategies for survival and reproduction in possums and gliders. In A.P. Smith and I.D. Hume (eds) *Possums and Gliders* Australian Mammal Society, Sydney, 17-33.
- Smith, G.C. and Harris, S. 1991: Rabies in Urban Foxes in Britain: the use of a Spatial Stochastic Simulation Model to Examine the Pattern of Spread and Evaluate the Efficacy of Different Control Regimes *Philosophical Transactions of the Royal Society, London* 334, 459-479.
- Smith, G.C. and Harris, S. 1989: The control of rabies in urban fox populations. In R.J. Putman (ed) *Mammals as Pests* Chapman and Hall, London, Great Britain, 209-224.
- Smith, J.S. and Baer, G.M. 1988: Epizootiology of rabies: the Americas. In J.B. Campbell and K.M. Charlton (eds) *Rabies*. Kluwer Academic Publishers, Boston, 268-299.
- Snedecor, G.W. and Cochran, W.G. 1989 *Statistical Methods* 8th ed., Iowa State University Press, Ames, Iowa, U.S.A. 503pp.
- Southwood, T.R.E. 1977: The relevance of population dynamic theory to pest status. In J.M. Cherrett and G.R. Sagar (eds) *Origins of pest, parasite, disease and weed problems*. Blackwell Scientific Publications, Oxford, England, 35-54.
- Southwood, T.R.E., May, R.M., Hassell, M.P. and Conway, G.R. 1974: Ecological strategies and population parameters *American Naturalist* 108 (964), 791-804.
- Stanford, J.L., Grange, J.M. and Pozniak, A. 1991: Is Africa lost? *Lancet* 338, 557-558.
- Starfield, A.M. and Bleloch, A.L. 1986 *Building models for conservation and wildlife management* MacMillan Publishing Company, New York, U.S.A., 253pp.
- Statistics and Epidemiologic Research Corporation (SERC) 1990 *EGRET User's Manual* SERC Software Division, Seattle, Washington, U.S.A., 305 pp.
- Stead, W.W. and Bates, J.H. 1980: Epidemiology and Prevention of tuberculosis. In A.P. Fishman (ed) *Pulmonary Disease and Disorders* McGraw-Hill, New York, 1234 - 1254.
- Stead, W.W. and Dutt, A.K. 1988: Epidemiology and host factors. In D. Schlossberg (ed): *Tuberculosis* 2nd ed. Springer Verlag, New York, 1-11.
- Stehr-Green, J.K. 1992: Tuberculosis in New Zealand, 1985-90 *New Zealand Medical Journal* 105(939), 301-303.
- Stenseth, N.C. 1981: How to control pest species: Application of models from the theory of island biogeography in formulating pest control strategies *Journal of Applied Ecology* 18, 773-794.
- Stockdale, H.G. 1975: *Possums as a source of tuberculosis infection for cattle* Animal Health Division Technical Report, Ministry of Agriculture and Fisheries, Wellington, New Zealand, 7pp.
- Stoneham, G. and Johnston, J. 1987 *An economic evaluation of options for finalising the campaign in Northern Australia* Australian Government Publishing Service, Canberra, Australia, 112pp.
- Stonehouse, B. 1978: Animal Marking *Recognition marking of animals in research* The MacMillan Press Ltd., London, Great Britain, 257pp.

- Stroup,D.F., Thacker,S.B. and Herndon,J.L. 1988: Application of multiple time series analysis to the estimation of pneumonia and influenza mortality by age 1962-1983. *Statistics in Medicine* 7, 1045-1059.
- Stuart,F.A. and Wilesmith,J.W. 1988: Tuberculosis in badgers: a review. *Revue scientifique et technique de l'Office International des Epizooties* 7(4), 929 - 935.
- Susser,M. 1973: *Causal thinking in the health sciences - Concepts and strategies of epidemiology*. Oxford University Press, New York, U.S.A., 181pp.
- Swartzman,G.L. and Kaluzny,S.P. 1987 *Ecological simulation primer*. MacMillan Publishing Company, New York, U.S.A., 370pp.
- Taylor,D.R., Allison,G. and Phillips,D.E. 1991: Tuberculosis among long term hospital residents: Report of a recent outbreak. *New Zealand Medical Journal* 104, 421-422.
- Taylor,J.A. 1979: The foods and feeding habits of subadult *Urocyon v. porosus* Schneider in Northern Australia. *Australian Wildlife Research* 6, 347-359.
- Tessaro,S.V., Forbes,L.B. and Turcotte,C. 1990: A survey of brucellosis and tuberculosis in bison in and around Wood Buffalo National Park, Canada. *Canadian Veterinary Journal* 31, 174-180.
- Tohen,C.O. 1984: *Mycobacterium*. In G.R. Carter (ed) *Diagnostic Procedures in Veterinary Bacteriology and Mycology* 4th ed., Charles C. Thomas Publisher, Springfield, Illinois, 219-228.
- Tohen,C.O. and Himes,E.M. 1981: Tuberculosis. In J.W. Davis, L.H. Karstad and D.O. Tramer (eds) *Infectious Diseases of Wild Mammals* Iowa State University Press, Ames, Iowa, U.S.A., 446pp.
- Tohen,C.O. and Himes,E.M. 1986: Pathogenesis of *Mycobacterium bovis* infection. In R. Pandey (ed) *Progress in Veterinary Microbiology and Immunology* Vol.2, Karger, Basel, 198-214.
- Thomas,M.D. 1982: A radio telemetry system for animal tracking in New Zealand. *New Zealand Journal of Science* 25, 245-252.
- Thrusfield,M. 1986: *Veterinary Epidemiology* Butterworth & Co. Ltd., 280pp.
- Tinline,R.R. 1988: Persistence of rabies in wildlife. In J.B. Campbell and K.M. Charlton (eds) *Rabies*. Kluwer Academic Publishers, Boston, U.S.A., 301 - 322.
- Toma,B. and Andral,L. 1977: Epidemiology of fox rabies. *Advances in Virus Research* 21, 1 - 36.
- Trevor-Deutsch,B. and Hackett,D.F. 1980: An evaluation of several grid trapping methods by comparison with radio telemetry in a home range study of the eastern chipmunk (*Tamias striatus* L.). In C.J. Amlaner Jr. and D.W. MacDonald (eds) *A Handbook on Biotelemetry and Radiotracking* Pergamon Press, Oxford, 375 - 386.
- Tulloch,D.G. 1978: The water buffalo *Bubalus bubalis* in Australia: Grouping and home range. *Australian Wildlife Research* 5, 327-354.
- Tyndale-Biscoe,C.H. 1955: Observations on the reproduction and ecology of the brush-tailed possum, *Trichosurus vulpecula* Kerr (Marsupialia), in New Zealand. *Australian Journal of Zoology* 3(2), 162-185.
- Tyndale-Biscoe,C.H. 1973 *Life of Marsupials* Edward Arnold Ltd., London, 254pp.

- Tyndale-Biscoe, C.H. 1979: Ecology of small marsupials. In D.M. Stoddart (ed) *Ecology of small mammals*. Chapman and Hall, London, England, 343-379.
- Tyndale-Biscoe, C.H. 1984: Reproductive physiology of possums and gliders. In A.P. Smith and I.D. Hume (eds) *Possums and Gliders*, Australian Mammal Society, Sydney, 78-87.
- van Gigch, J.P. 1991: *System design, modeling and metamodeling* Plenum Press, New York, U.S.A., 453pp.
- Vine, M.F., Schoenbach, V.J., Hulka, B.S., Koch, G.G. and Samsa, G. 1990: Atypical metaplasia and incidence of bronchogenic carcinoma *American Journal of Epidemiology* 131 (5), 781-793.
- Voigt, D.R. and Earle, B.D. 1983: Avoidance of coyotes by red fox families *Journal of Wildlife Management* 47 (3), 852-857.
- Voigt, D.R., Tinline, R.R. and Broekhoven, L.H. 1985. A spatial simulation model for rabies control. In P. Bacon (ed.) *Population Dynamics of Rabies in Wildlife* Academic Press, London, Great Britain, 311 - 349.
- Waage, J.K and Greathead, D.J 1988: Biological Control: Challenges and Opportunities. *Philosophical Transactions of the Royal Society, London* B 18, 111-128.
- Wadsworth, G. 1984: *The diet and health of isolated populations* CRC Press, Inc., Boca Raton, Florida, U.S.A., 215pp.
- Wake, A. and Morgan, H.R. 1986 *Host-parasite relationships and the Yersinia model* Springer Verlag, New York, 329pp.
- Wakelin, C.A. and Churchman, O.T. 1991: Prevalence of bovine tuberculosis in feral pigs in Central Otago. *Surveillance* 18(5), 19-20.
- Wandeler, A.I. 1988: Control of Wildlife Rabies: Europe. In J.B. Campbell and K.M. Charlton (eds) *Rabies*. Kluwer Academic Publishers, Boston, 365-380.
- Wandeler, A.I., Matter, H.C., Kappeler, A. and Budde, A. 1993: The ecology of dogs and canine rabies: a selective review *Revue scientifique et technique de l'Office International des Epizooties* 12 (1), 51-71.
- Ward, G.D. 1972: Techniques for tracking opossums (*Trichosurus vulpecula*) by radio telemetry in New Zealand lowland forest *New Zealand Journal of Science* 5, 628-636.
- Ward, G.D. 1978: Habitat use and home range of radio-tagged opossums (*Trichosurus vulpecula* (Kerr) in New Zealand Lowland Forest. In G.G. Montgomery (ed) *The Ecology of Arboreal Folivores* Smithsonian Institution Press, Washington, D.C., 267-287.
- Ward, G.D. 1984: Comparison of trap- and radio-revealed home ranges of the brush-tailed possum (*Trichosurus vulpecula* Kerr) in New Zealand lowland forest *New Zealand Journal of Zoology* 11, 85-92.
- Wartenberg, D. and Greenberg, M. 1990: Space-time models for the detection of clusters of disease. In R.W. Thomas (ed) *Spatial epidemiology* Pion Limited, London, Great Britain, 17-34.
- Weber, A., Lutz, H. and Bauer, K. 1988: Zur Erkennung von *Mycobacterium bovis* Reinfektionen in Rinderbeständen *Berlin - Münchner Tierärztliche Wochenschrift* 101, 302 - 307.

- Weiss,E. 1983: Haut. In E. Dahme and E. Weiss (eds) *Grundriß der speziellen pathologischen Anatomie der Haustiere* Ferdinand Enke Verlag, Stuttgart, 407-467.
- Wells,W.F. 1955: *Airborne contagion and air hygiene* Harvard University Press, Cambridge. Massachusetts, U.S.A., 423pp.
- White,G.C. and Garrott,R.A. 1990: *Analysis of wildlife radio-tracking data* Academic Press, San Diego, 383pp.
- White,G.C., Burnham,K.P., Otis,D.L. and Anderson,D.R. 1978: *User's Manual for Program CAPTURE*. Utah State University Press, Logan, Utah, U.S.A., 39pp.
- Wilesmith,J.W. 1991: Control of disease in the presence of wildlife - The TB example. In *Proceedings of a Symposium on Tuberculosis* Foundation for Continuing Education of the New Zealand Veterinary Association, 131-136.
- Wilesmith,J.W. 1991: Ecological and epidemiological findings from a prospective study of a naturally infected badger population. In *Proceedings from a Symposium on Tuberculosis* Foundation for Continuing Education of the New Zealand Veterinary Association, 89-111.
- Wilesmith,J.W. 1991: The epidemiology of bovine tuberculosis in Great Britain: An overview of the badger problem. In *Proceedings of a Symposium on Tuberculosis* Foundation for Continuing Education of the New Zealand Veterinary Association, 9-16.
- Winkler,W.G. and Bögel,K. 1992: Control of rabies in wildlife. *Scientific American*, June, 56-62.
- Winston,W.L. 1987: *Operations Research: Applications and algorithms*. Duxbury Press, Boston, Massachusetts, U.S.A., 1025pp.
- Winter,J.W. 1976: *The behaviour and social organization of the brush-tail possum (*Trichosurus vulpecula* Kerr)*. Ph.D. Thesis, University of Queensland, 388pp.
- Winter,J.W. 1980: Tooth wear as an age index in a population of brush-tailed possum, *Trichosurus vulpecula* (Kerr). *Australian Wildlife Research* 7, 359 - 363.
- Woodford,M.H. 1982: Tuberculosis in wildlife in the Ruwenzori National Park, Uganda (Part I). *Tropical Animal Health and Production* 14, 81-88.
- Woodford,M.H. 1982: Tuberculosis in wildlife in the Ruwenzori National Park, Uganda (Part II). *Tropical Animal Health and Production* 14, 155-160.
- Yates,M.D. and Grange,J.M. 1988: Incidence and Nature of human tuberculosis due to bovine tubercle bacilli in South-East England: 1977 - 198 *Epidemiology and Infection* 101, 225 - 229.
- Young,F.W. 1981: Quantitative analysis of qualitative data. *Psychometrika* 46(4), 357-388.
- Zeigler,B.P. 1991: Object-oriented modeling and discrete-event simulation. *Advances in Computers* 33, 67-114.
- Zuckerman,O.M. 1980: *Badgers, Cattle and Tuberculosis* Her Majesty's Stationary Office, London, Great Britain, 107pp.