

PUBLICATIONS – insect communities and Diptera zoogeography

Book contributions

Macfarlane R.P. submitted 2003 –revised 2007 after referees comments: New Zealand and New Caledonia: Diptera diversity and zoogeography. International Conference of Dipterology 5: editors Papae T., Bickel D, Meier R Brill scheduled publishers

Macfarlane R.P., Andrew I.G. and 44 other authors (submitted 2001 – 5th revision 2008): Phylum Arthropoda – section Subphylum Hexapoda in The new Zealand inventory of biodiversity. Volumn 2. Kingdon Animalia Chaetogantha and Ecdysozoa. Canterbury University Press (about 470 pp).

Macfarlane R.P. 1989. *Mayetiola destructor* (Say), Hessian fly (Diptera: Cecidomyiidae). p 101-104 in Cameron, P.J. : Hill, R.L. Bain, J. Thomas, W.P. eds A review of biological control of insect pests and weeds in New Zealand.1874 to 1987. Technical Communication CAB International Institute of Biological Control; CAB International, Wallingford

New Zealand and fly zoogeography and insect community studies

Macfarlane R.P., Andrew I.G. 2001. New Zealand Diptera identification, diversity and biogeography: a summary. *Records of the Canterbury museum* 15: 33-72.

Bowie & 15 other authors with Macfarlane R.P. 2004. A terrestrial inventory of Quail island (Otago) towards restoration of the invertebrate community. *New Zealand Journal of Natural sciences* 28: 1-29. (mainly dry grassland)

Derriak, J.S.B., Barratt B.I.P., Sirvid P., Macfarlane R.P. Patrick B.H., and 12 other authors 2001. Invertebrate survey of a native shrubland, Brookvale covenant, Rock and Pillar range, Otago, New Zealand. *New Zealand Journal of Zoology* 28: 273-290. (ribbon shrubland along waterway with surrounding inland tussock grassland)

Ward J.B., Macfarlane R.P., Quinn P.J., Morris S.J., Hitchings T.R., Green E.H., Early J.W., Emberson R.W., Johns P.M., Fenwick G.D., Henderson I.M., Laiviere M-C. , Marris J.M.M., Matile L., McLellan I.D., Patrick B.H., Smithers C., Stufkens M., Cor Vink, Wilson H.D. 1999. Insects and other arthropods of Hinewai reserve, Banks Peninsula, New Zealand. *Records of the Canterbury Museum* 19(1): 97-121. (Mainly native forest remnant – broadleaf hardwood, beech or grassland- regenerating forest margin)

REPORTS

Macfarlane R.P. 2007: Styx Mill conservation reserve invertebrate assessment: implications for management. Christchurch City Council report 126 pp (wetland, waterways, woodland, grassland habitats compared superficially – mainly with pan traps)

Macfarlane R. P. 2005: New Zealand sand dune invertebrates. Christchurch City Council, Greenspace unit report 47 pp.

Macfarlane R. P. 2002. Tenure reports for high country runs (Irishmans creek, Berwen, Dunstan Peaks, Twinburn, Killermount). - For Canterbury Conservancy, confidential (inland South island grassland to subalpine habitats)

Macfarlane R.P., Clark J.T. 2008: Avon-Heathcote estuary central Canterbury lagoon margin insects: baseline survey with questions and issues raised. *Christchurch City Council report for Avon-Heathcote Estuary Ihutai trust* 51 pp (habitats within estuary tidal flats, sea rush, salt marsh, salt marsh shrubland, Ashworth Flats to Avon-Heathcote Estuary – the main area sampled)

Macfarlane R.P., Patrick B.H., Vink C., 1999. McLean's Island: terrestrial invertebrate inventory and analysis. *Christchurch city council, Parks and Recreation division* 42 pp (dry short grassland with significant moss and some kowhai and very limited shrub species –dry savannah style grassland)

Macfarlane R.P., Patrick B.H., Johns P.M., Vink C., Dalton S. 1998. Travis marsh: invertebrate inventory and analysis. *Christchurch city council, Parks and Recreation division* 66 pp (mainly wetland)

McLean J.A., Kilvert S., Jones D., Macfarlane R.P. 1998. Insects as ecological indicators of natural and modified landscapes in the Whangamata area. Forest Research Institute Report, 35 pp (Pine, native bush and sandy beach fringe survey –detailed results never published with Forest reseach association, Rotorua)