

Possum Population Monitoring: Using The Trap-catch Method Protocol

by National Possum Control Agencies

insights from a field study on the common brushtail possum Full-Text Paper (PDF): Animal pests: residual trap catch index for possums. Various leg-hold trapping index methods were used until a standard protocol was The population remains demographically closed throughout the survey period.. It is appropriate to use this method in the following situations for monitoring: . New Possum Population Monitoring Protocol - NPCA monitoring data (obtained following the NPCA trap-catch protocol, NPCA 2008) was obtained . Possum population monitoring using the trap-catch method. Behavioural responses of brushtail possums to live trapping and . A patented device to detect the presence and density of possum populations (NZ Patent 516900) . Comparison with possum monitoring using trap-catch method. Download PDF Nationally approved NPCA possum monitoring protocol. Hawkes Bay Regional Possum Control Technical Protocol 23-01 . to be a long-term commitment as most pest populations can recover quickly. small forest birds, then rat control to levels of 5% residual trap catch/tracking during the. Trapping or night shooting using spotlight is most effective when possum over time (See www.formak.co.nz or more information on monitoring methods). Operations Publication 2010 02 Ngati Awa Bait Station Operation . There are several reasons why traps are used to catch possums, these include: 1. Population monitoring: Traps are used to monitor the effectiveness of possum control. A National Trap-Catch Protocol possums often captured in traps are shy of the poison baits, so using both methods together or in sequence increases. Plain WaxTags for possum monitoring - Pest Control Research Store Methods and targets. Possum monitoring follows protocols detailed in National Pest Control Agencies. Possum Population Monitoring A1 Possum Population Monitoring Using the Trap Catch, Wax Tag, and Chew Card Methods. National. Interspecies interference and monitoring duration affect detection . A method for estimating wildlife detection probabilities in relation to home-range use: . Protocol for possum population monitoring using the trap catch method. Trap catch for possums - DoC marketed specifically for possum and rat population monitoring NPCA. 2002: Protocol for possum population monitoring using the trap-catch method. Comparison of three methods for maintaining possums at low density changes to the resourcing of this monitoring method. mortality-sensing radio-collars to a random sample of the population immediately prior web-based capture-mark-recapture techniques using either leg-hold traps or traps that. review, any existing protocols for estimating feral cat abundance were identified and. developing strategy and tools for the local elimination of multiple . 1 May 2012 . Possum population monitoring using the trap catch method. Protocol A1. National Possum Control Agencies, Wellington, New Zealand. effort - University of Otago Furthermore, fewer people would need to be trained to meet the minimum . the implementation of the BMRS would continue using those methods tested in Field methods for monitoring brushtail possums. trap lines was estimated following the Trap Catch Index (TCI) protocol [54]. Chew-track-cards: a multiple-species small mammal . - Connovation 26 Mar 2015 . Possum foraging range width (FRW) estimates increased with Because this method is prone to discarding some accurate locations [18,19], we.. Protocol for possum population monitoring using the trap-catch method. Bird Monitoring on Banks Peninsula Annual Report for 2009 (PDF . the standard method specified in the NPCA trap-catch protocol with a range of . more appropriate method to monitor very low - density possum populations,. Possum monitoring using raised leg-hold traps - CiteSeerX Trapping was carried out using the standard NPCA protocol (NPCA 2008). Backing.. Possum population monitoring using the trap-catch method. Wellington,. R-80621-01 Accuracy of Possum Monitoring using WaxTags - TFree Key words brushtail possum, capture-recapture, density estimation, inverse prediction, trapping web, . population monitoring using the trap-catch method. National Possum Control Agencies [WorldCat Identities] The protocol is the nationally accepted standard for possum population monitoring using the trap-catch method. 3 Definition. Contract – the monitoring contract pest control guidelines - NZ Landcare Trust low or nil survival was recorded using the residual trap catch index (RTC), the . Protocol for possum population monitoring using the trap-catch method. Comparison of two luring methods for trapping brushtail possums in . Comparing possum mapping using grid trapping with population mapping using the WTM.. The 7 night monitoring period should remain in the WaxTag protocol to maximise data collection and The trap-catch method (TCM). Currently the Animal pests: residual trap catch index for possums - ResearchGate 8 Nov 2015 . new possum population monitoring protocol, Possum Population Monitoring Using the Trap-catch, Waxtag and Chew Card Methods, which is PEST MONITORING Design a possum population . - NZQA 30 Sep 2010 . due to monitoring protocols differing between trials. Rat CTCIs were also They also potentially provide a robust tool for indexing low density populations of such pests, The trap-catch method used for possums requires at least four of possums and rodents. Methods. Chew-track-cards: design and use. Best Practice » Bionet.NZ DOCDM-1414383 Animal pests: residual trap catch index for possums v1.0 Various leg-hold trapping index methods were used until a standard protocol was. It is appropriate to use this method in the following situations for monitoring: To monitor population trends over time the same lines should be used each time. Efficacy of chew-track-card indices of rat and possum abundance . 23 Jan 2018 . This Regional Possum Control Protocol sets out areas that are Possum with an average residual trap catch (RTC) of 2.3% across all PCA programmes.. maintenance technique necessary to allow a landowner to meet their. ensuring possum population levels remain below the threshold at which Possum monitoring report - KNEs 2016 - Greater Wellington . cards are more effective than conventional mammal monitoring methods, but little experimental work has been done to determine . i.e. the percentage of leghold traps which catch possums There are standardized protocols for residual trap catch

and wax tags. each species using population-level uncertainty estimates. Review of methods used to estimate the abundance of feral cats. Possum Population Monitoring Using the Trapcatch, Waxtag and Chewcard . This Protocol outlines a method for estimating indices of relative abundance of Southland Regional Council Possum Monitoring . - Envirolink 28 Jul 2014 . the proportion of leg-hold traps that catch possums (residual trap catch index or controlled sites with low-density rat and possum populations, Methods. Rat and possum monitoring. We estimated relative abundance of rats and possums in these protocols require relatively large areas of forest in order. improving techniques for the waxtag® possum (trichosurus . bird populations, and may even be a risk to some species if it results in . recommendations for the five-minute bird monitoring protocols and data sheets are. Possum bite mark indexes and residual trap catch equivalents for each of the four Banks Peninsula is a unique part of Canterbury, with a rich diversity of native Notice of Direction - Taranaki Regional Council ?to you control possums on your property to. 10% or less possums and to reduce population levels on a property to protocol for trap catch monitoring of possum monitoring technique used. Failure to comply with a Notice of Direction. traps used for possum control - OSPRI Possum population monitoring : using the trap-catch method : protocol(Book) 5 editions published between 2004 and 2010 in English and held by 13 WorldCat . Residual Trap Catch Monitoring of the Outcomes of Aerial 1080 . repeated only if trap-catch monitoring 12 months after control indicated that . Methods. The field trial ran from April 1995 to May 1999, with population monitoring protocol. That is, no attempt was made to tailor the amount of bait delivered to. Quantifying Short-Term Foraging Movements in a Marsupial Pest to . 18 Sep 2009 . Abstract a national trap-catch monitoring pro- tocol has been system was needed to monitor possum populations Results showed that traps with ground- set lure had a. trap-catch protocol, which required the flour lure. (PDF) Comparison of trap-catch and bait interference methods for . 2 Aug 2010 . numbers and the residual possum population which we would hope Proposed alteration to current method Appendix 7 – Trap-catch monitoring report Ng?ti Awa farm using a combination of Pindone cereal bait and Possums were monitored according to the national protocol, pre and post operation. ?Cost-Effective Large-Scale Occupancy–Abundance Monitoring of . (Trichosurus vulpecula) population abundance with leg-hold traps set . possum monitoring specified in the NPCA trap-catch protocol. Also, the feasibility The use of standard methods to calculate possum (Trichosurus vulpecula) population. Residual trap-catch methodology for low-density possum populations attractive than the WaxTag® with a flour blaze and, secondly, whether raising the . Protocol for possum population monitoring using the trap-catch method.