

NICHOLAS J. MILLS**BIBLIOGRAPHY**

- Lozier, J. D., Roderick G. K., and Mills, N. J. 2009. Molecular markers reveal strong geographic, but not host associated, genetic differentiation in *Aphidius transcaspicus*, a parasitoid of the aphid genus *Hyalopterus*. *Bulletin of Entomological Research* (in press)
- Lozier, J. D., Roderick G. K., and Mills, N. J. 2009. Tracing the invasion history of mealy plum aphid, *Hyalopterus pruni* (Hemiptera: Aphididae), in North America: a population genetics approach. *Biological Invasions* (in press)
- Lozier, J. D., Roderick G. K., and Mills, N. J. 2008. Evolutionarily significant units in natural enemies: Identifying regional populations of *Aphidius transcaspicus* (Hymenoptera: Braconidae) for use in biological control of mealy plum aphid. *Biological Control* 46: (in press)
- Xu, Q., Meng, L., Li, B., and Mills, N. J. 2008. Influence of host-size variation on the development of a koinobiont aphid parasitoid, *Lysiphlebus ambiguus* Haliday (Braconidae, Hymenoptera). *Bulletin of Entomological Research* 98: 389-395.
- Hougardy, E., and Mills, N. J. 2008. Comparative life history and parasitism of a new color morph of the walnut aphid in California. *Agricultural and Forest Entomology* 10: 137-146.
- Lozier, J. D., Foottit, R. G., Miller, G. L., Mills, N. J., and Roderick, G. K. 2008. Molecular and morphological evaluation of the aphid genus *Hyalopterus* Koch (Insecta: Hemiptera: Aphididae), with a description of a new species. *Zootaxa* 1688: 1-19.
- Mills, N. J., and Wajnberg, E. 2008. Optimal foraging behaviour and efficient biological control methods. In: *Behavioural Ecology of Insect Parasitoids – From Theoretical Approaches to Field Applications*. Wajnberg, E., Bernstein, C., and van Alphen, J. (Eds.), Blackwell, pp. 3-30.
- McPherson, L. J., and Mills, N. J. 2007. The influence of visual and olfactory cues on the foraging behavior of the paper wasp (Hymenoptera: Vespidae: *Mischocyttarus flavitarsis*). *Entomologia Generalis* 30: 105-118.
- Lozier, J. D., Roderick, G. K., and Mills, N. J. 2007. Multi-genome evidence for the evolution of host associated species in the aphid genus *Hyalopterus*. *Evolution* 61: 1353-1367.
- McPherson, L. J., and Mills, N. J. 2007. Discrimination learning of color-odor compounds in a paper wasp (Hymenoptera: Vespidae: *Mischocyttarus flavitarsis*). *Entomologia Generalis* 29: 125-134.
- Hougardy, E., and Mills, N. J. 2007. Influence of host deprivation and egg expenditure on the patch and host-finding behavior of the parasitoid wasp *Mastrus ridibundus*. *Journal of Insect Behavior* 20: 229-246.
- Mills, N. J. 2006. Interspecific competition among natural enemies and single versus multiple introductions in biological control. In: *Trophic and Guild Interactions in Biological Control*. Brodeur, J. and Boivin, G. (Eds.), Springer, pp. 191-220.
- Mills, N. J. 2006. Accounting for differential success in the biological control of homopteran and lepidopteran pests. *New Zealand Journal of Ecology* 30: 61-72.
- Mills, N. J., Babendreier, D., and Loomans, A. J. M. 2006. Methods for monitoring the dispersal of natural enemies from point source releases associated with augmentative

- biological control. In: *Environmental Impact of Invertebrates for Biological Control of Arthropods: Methods and Risk Assessment*. Bigler, F., Babendreier, D. and Kuhlmann, U. (Eds.), CABI Publishing, pp. 114-131.
- Hougaard, E., and Mills, N. J. 2006. The influence of host deprivation and egg expenditure on the rate of dispersal of a parasitoid following field release. *Biological Control* 37: 206-213.
- Lozier, J. D., Mills, N. J., and Roderick, G. K. 2006. Di- and tri-nucleotide repeat microsatellites for the parasitoid wasp, *Aphidius transcaspicus*. *Molecular Ecology Notes* 6: 27-29.
- Bezemer, T. M., Harvey, J. A., and Mills, N. J. 2005. Influence of adult nutrition on the relationship between body size and reproductive parameters in a parasitoid wasp. *Ecological Entomology* 30: 571-580.
- Mills, N. J. 2005. Classical biological control of codling moth: the California experience. In: *2nd International Symposium on Biological Control of Arthropods*. M. S. Hoddle (ed.), USDA Forest Service, FHTET-2005-08, Volume 1, pp. 126-131.
- Mills, N. J. 2005. Selecting effective parasitoids for biological control introductions: Codling moth as a case study. *Biological Control* 34: 274-282.
- Lozier, J. D., Mills, N. J., Palsbøll, P. J., and Roderick, G. K. 2005. Di- and tri-nucleotide repeat microsatellites for the mealy plum aphid, *Hyalopterus pruni*. *Molecular Ecology Notes* 5: 499-501.
- Guinnee, M. A., Bernal, J. S., Bezemer, T. M., Fidgen, J. G., Hardy, I. C. W., Mayhew, P. J., Mills, N. J., and West, S. A. 2005. Testing predictions of small brood models using parasitoid wasps. *Evolutionary Ecology Research* 7: 779-794.
- Hougaard, E., Bezemer, T. M. and Mills, N. J. 2005. Effects of host deprivation and egg expenditure on the reproductive capacity of *Mastrus ridibundus*, an introduced parasitoid for the biological control of codling moth in California. *Biological Control* 33: 96-106.
- Mills, N. J., and Daane, K. M. 2005. Nonpesticide alternatives can suppress agricultural pests. *California Agriculture* 59(1): 23-28.
- Mills, N. J. 2005. Parasitoids and predators. In: *Insect Sampling in Forest Ecosystems*. S. R. Leather (ed.), Blackwell, Oxford, pp. 254-278.
- Pedersen, B., and Mills, N. J. 2004. Single versus multiple introduction in biological control: the roles of parasitoid efficiency, antagonism and niche overlap. *Journal of Applied Ecology* 41: 973-984.
- Mills, N. J., and Kuhlmann, U. 2004. Oviposition behavior of *Trichogramma platneri* Nagarkatti and *Trichogramma pretiosum* Riley (Hymenoptera: Trichogrammatidae) in patches of single and clustered host eggs. *Biological Control* 30: 42-51.
- Mills, N. J., and Lacan, I. 2004. Ratio-dependence in the functional response of insect parasitoids: evidence from *Trichogramma minutum* foraging for eggs in small host patches. *Ecological Entomology* 29: 208-216.
- Li, B., and Mills, N. J. 2004. The influence of temperature on size as an indicator of host quality for the development of a solitary koinobiont parasitoid. *Entomologia Experimentalis et Applicata* 110: 249-256.
- Mansfield, S., and Mills, N. J. 2004. A comparison of methodologies for the assessment of host preference of the gregarious egg parasitoid *Trichogramma platneri*. *Biological Control* 29: 332-340.

- Bezemer, M., and Mills, N. J. 2003. Clutch size decisions of a gregarious parasitoid under laboratory and field conditions. *Animal Behaviour* 66: 1119-1128.
- Mills, N. J. 2003. Augmentation in orchards: improving the efficacy of *Trichogramma* inundation. In: *1st International Symposium on Biological Control of Arthropods*. R. Van Driesche (ed.), USDA Forest Service FHTET-03-05, pp. 130-135.
- Mills, N. J. 2003. Parasitoid interactions and biological control. In: *1st International Symposium on Biological Control of Arthropods*. R. Van Driesche (ed.), USDA Forest Service FHTET-03-05, pp. 108-113.
- Mills, N. J. 2003. Parasitoids. In: *Encyclopedia of Insects*. V. H. Resh and R. T. Cardé (eds.), Academic Press, San Diego, pp. 845-848.
- Lane, S. D., and Mills, N. J. 2003. Intraspecific competition and density dependence in an *Ephesttia kuehniella* – *Venturia canescens* laboratory system. *Oikos* 101: 578-590.
- Ponsard, S., Gutierrez, A. P., and Mills, N. J. 2002. Effect of Bt toxin (Cry1Ac) in transgenic cotton on the adult longevity of four heteropteran predators. *Environmental Entomology* 31: 1197-1205.
- Mansfield, S., and Mills, N. J. 2002. Host egg characteristics, physiological host range, and parasitism following inundative releases of *Trichogramma platneri* (Hymenoptera: Trichogrammatidae) in walnut orchards. *Environmental Entomology* 31: 723-731
- Mansfield, S., and Mills, N. J. 2002. Direct estimation of the survival time of commercially produced adult *Trichogramma platneri* Nagarkatti (Hymenoptera: Trichogrammatidae) under field conditions. *Biological Control* 25: 41-48.
- Daane, K. M., Mills, N. J., and Tauber, M. J. 2002. Biological pest controls: augmentative controls. In: *Encyclopedia of Pest Management*, ed. D. Pimentel, Marcel Dekker, New York, pp. 36-38.
- Mills, N. J. 2001. Factors influencing top-down control of insect pest populations in biological control systems. *Basic and Applied Ecology* 2: 323-332.
- Schreiber, S. J., Mills, N. J., and Gutierrez, A. P. 2001. Host-limited dynamics of autoparasitoids. *Journal of Theoretical Biology* 212: 141-153.
- Bezemer, T. M., and Mills, N. J. 2001. Host density responses of *Mastrus ridibundus*, a parasitoid of the codling moth, *Cydia pomonella*. *Biological Control* 22: 169-175.
- Bezemer, T. M., and Mills, N. J. 2001. Walnut development affects chemical composition and codling moth performance. *Agricultural and Forest Entomology* 3: 191-199.
- Zaviezo, T., and Mills, N. J. 2001. The response of *Hyssopus pallidus* to hosts previously parasitized by *Ascogaster quadridentata*: heterospecific discrimination and host quality. *Ecological Entomology* 26: 91-99.
- Zaviezo, T., and Mills, N. J. 2000. Factors influencing the evolution of clutch size in a gregarious insect parasitoid. *Journal of Animal Ecology* 69: 1047-1057.
- Mills, N., Pickel, C., Mansfield, S., McDougall, S., Buchner, R., Caprile, J., Edstrom, J., Elkins, R., Hasey, J., Kelley, K., Krueger, B., Olson, B., and Stocker, R. 2000. Mass releases of *Trichogramma* wasps can reduce damage from codling moth. *California Agriculture* 54(6): 22-25.
- Mansfield, S., and Mills, N. J. 2000. Host range and host choice of *Trichogramma platneri*. In: *2nd California Conference on Biological Control*. M.S. Hoddle (ed.), DANR, pp. 155-158.

- Bezemer, T. M., and Mills, N. J. 2000. Density responses of *Mastrus ridibundus*, an introduced pre-pupal parasitoid of codling moth in California. In: *2nd California Conference on Biological Control*. M.S. Hoddle (ed.), DANR, pp. 124-126.
- Pickel, C., Mills, N., Bentley, W., and Buchner, R. 2000. Walnuts: integrating *Trichogramma* releases with pheromone confusion technique and insecticide applications in commercial orchards. In: *2nd California Conference on Biological Control*. M.S. Hoddle (ed.), DANR, pp. 51-56.
- Mills, N. J. 2000. Biological control: the need for realistic models and experimental approaches to parasitoid introductions. In: *Parasitoid Population Biology*. M. E. Hochberg and A. R. Ives (eds.), Princeton University Press, Princeton NJ, pp. 217-234.
- Mills, N. J., and Kuhlmann, U. 2000. The relationship between egg load and fecundity among *Trichogramma* parasitoids. *Ecological Entomology* 25: 315-324.
- Kuhlmann, U., and Mills, N. J. 1999. Exploring the diversity of Central Asia to assess specialized parasitoids for biological control of apple pests in Europe and North America. *IOBC/WPRS Bulletin* 22(7): 1-6.
- Stark, D. M., Purcell, A. H., and Mills, N. J. 1999. Natural occurrence of *Ametadoria misella* (Diptera: Tachinidae) and the granulovirus of *Harrisina brillians* (Lepidoptera: Zygaenidae) in California. *Environmental Entomology* 28: 868-875.
- Kuhlmann, U., and Mills, N. J. 1999. Comparative analysis of the reproductive attributes of three commercially-produced *Trichogramma* species (Hymenoptera: Trichogrammatidae). *Biocontrol Science and Technology* 9: 335-346.
- Hawkins, B. A., Mills, N. J., Jervis, M. A., and Price, P. W. 1999. Is the biological control of insects a natural phenomenon? *Oikos* 86: 493-506.
- Zaviezo, T., and Mills, N. J. 1999. Aspects of the biology of *Hyssopus pallidus* (Hymenoptera: Eulophidae), a parasitoid of the codling moth (Lepidoptera: Olethreutidae). *Environmental Entomology* 28: 748-754.
- Dahlsten, D. L., and Mills, N. J. 1999. Biological control of forest insects. In: *Handbook of Biological Control*. T. S. Bellows and T. W. Fisher (eds.), Academic Press, San Diego, pp. 761-788.
- Hagen, K. S., Mills, N. J., Gordh G., and McMurtry, J. A. 1999. Terrestrial arthropod predators of insect and mite pests. In: *Handbook of Biological Control*. T. S. Bellows and T. W. Fisher (eds.), Academic Press, San Diego, pp. 383-503.
- Lane, S. D., Mills, N. J., and Getz, W. M. 1999. The effects of parasitoid fecundity and host taxon on the biological control of insect pests: the relationship between theory and data. *Ecological Entomology* 24: 181-190.
- Mills, N. J., and Gutierrez, A. P. 1999. Biological control of insect pests: a tritrophic perspective. In: *Theoretical Approaches to Biological Control*. B. A. Hawkins and H. V. Cornell (eds.), Cambridge University Press, Cambridge, pp. 89-102.
- Stark, D. M., Mills, N. J., and Purcell, A. H. 1999. Interactions between the parasitoid *Ametadoria misella* (Diptera: Tachinidae) and the granulovirus of *Harrisina brillians* (Lepidoptera: Zygaenidae). *Biological Control* 14: 146-151.
- Mills, N. J. 1999. Interspecific competition in insects. In: *Ecological Entomology*, 2nd Edition. C. B. Huffaker and A. P. Gutierrez (eds.), John Wiley & Sons, New York, pp. 355-387.
- Kuhlmann, U., Babendreier, D., Hoffmeister, T. S., and Mills, N. J. 1998. Impact and oviposition behaviour of *Ageniaspis fuscicollis* (Hymenoptera: Encyrtidae), a

- polyembryonic parasitoid of the apple ermine moth, *Yponomeuta malinellus* (Lepidoptera: Yponomeutidae). *Bulletin of Entomological Research* 88, 617-625.
- Daane, K. M., Hagen, K. S., and Mills, N. J. 1998. Predaceous insects for insect and mite management. In: *Mass-Reared Natural Enemies: Application, Regulation, and Needs*. R. L. Ridgway, M. P. Hoffman, M. N. Inscoe, and C. S. Glennister (eds.), Thomas Say Publications, Entomological Society of America, pp. 62-115.
- Kuhlmann, U., Carl, K. P., and Mills, N. J. 1998. Quantifying the impact of predators and parasitoids on populations of the apple ermine moth. *Bulletin of Entomological Research* 88: 165-175.
- Kenis M., and Mills N. J. 1998. Evidence for the occurrence of sibling species in *Eubazus* spp. (Hymenoptera: Braconidae), parasitoids of *Pissodes* spp. weevils (Coleoptera: Curculionidae). *Bulletin of Entomological Research* 88: 149-163.
- Lane, D. S., Mills, N. J., and Getz, W. M. 1998. The effects of parasitoid fecundity and host taxon on the biological control of insect pests. In: *Innovation in Biological Control Research*. M. S. Hoddle (ed.), DANR, pp. 198-202.
- Mills, N. J. 1998. *Trichogramma*: The field efficacy of inundative control of the codling moth in California orchards. In: *Innovation in Biological Control Research*. M. S. Hoddle (ed.), DANR, pp. 66-73.
- McDougall, S. J., and Mills, N. J. 1997. Dispersal of *Trichogramma platneri* Nagarkatti (Hym., Trichogrammatidae) from point-source releases in an apple orchard in California. *Journal of Applied Entomology* 121: 205-209.
- McDougall, S. J., and Mills, N. J. 1997. The influence of hosts, temperature and food sources on the longevity of *Trichogramma platneri*. *Entomologia Experimentalis et Applicata* 83: 195-203.
- Mills, N. J. 1997. Techniques to evaluate the efficacy of natural enemies. In: *Methods in Ecological and Agricultural Entomology*. D. R. Dent and M. P. Walton (eds.), CAB International, Wallingford, UK, pp. 271-291.
- Mills, N. J., and Gutierrez, A. P. 1996. Prospective modelling in biological control: an analysis of the dynamics of heteronomous hyperparasitism in a cotton-whitefly-parasitoid system. *Journal of Applied Ecology* 33: 1379-1394.
- Barzman, M. S., Mills, N. J., and Nguyen, T. T. C. 1996. Traditional knowledge and rationale for weaver ant husbandry in the Mekong delta of Vietnam. *Agriculture and Human Values* 13 (4): 2-9.
- Mills, N. J., and Getz, W. M. 1996. Modelling the biological control of insect pests: a review of host-parasitoid models. *Ecological Modelling* 92: 121-143.
- Riddick, E. R., and Mills, N. J. 1996. *Pterostichus* beetles dominate the carabid assemblage in an unsprayed orchard in Sonoma County, California. *Pan-Pacific Entomologist* 72: 213-219.
- Getz, W. M., and Mills, N. J. 1996. Host-parasitoid coexistence and egg-limited encounter rates. *American Naturalist* 148: 301-315.
- Mills, N. J. 1996. Potential constraints for biological control of tree fruit pests. *Proceedings of the 91st Annual Meeting of the Washington State Horticultural Association* pp. 221-226.
- Hawkins, B. A., and Mills, N. J. 1996. Variability in parasitoid community structure. *Journal of Animal Ecology* 65: 501-516.

- Riddick, E. W., and Mills, N. J. 1996. A comparison of the seasonal activity of *Pterostichus* beetles (Coleoptera: Carabidae) in a commercial apple orchard in Sonoma County, California. *Pan-Pacific Entomologist* 72: 82-88.
- Kenis, M., Hulme, M. A., and Mills, N. J. 1996. Comparative developmental biology of populations of three European and one North American *Eubazus* spp. (Hymenoptera: Braconidae), parasitoids of *Pissodes* spp. weevils (Coleoptera: Curculionidae). *Bulletin of Entomological Research* 86: 143-153.
- Riddick, E. W., and Mills, N. J. 1995. Seasonal activity of carabids (Coleoptera: Carabidae) affected by microbial and oil insecticides in an apple orchard in California. *Environmental Entomology* 24: 361-366.
- Riddick, E. W., and Mills, N. J. 1994. Potential of adult carabids (Coleoptera: Carabidae) as predators of fifth-instar codling moth (Lepidoptera: Tortricidae) in apple orchards in California. *Environmental Entomology* 23: 1338-1345.
- Gutierrez, A. P., Mills, N. J., Schreiber, S. J., and Ellis, C. K. 1994. A physiologically based tritrophic perspective on bottom up-top down regulation of populations. *Ecology* 75: 2227-2242.
- Mills, N. J. 1994. Parasitoid guilds: defining the structure of the parasitoid communities of endopterygote insect hosts. *Environmental Entomology* 23: 1066-1083.
- Mills, N. J. 1994. The structure and complexity of parasitoid communities in relation to biological control. In: *Parasitoid Community Ecology*. B. A. Hawkins and W. Sheehan (eds), Oxford University Press, Oxford, pp. 397-417.
- Mills, N. J. 1994. Parasitoid guilds: a comparative analysis of the parasitoid communities of tortricids and weevils. In: *Parasitoid Community Ecology*. B. A. Hawkins and W. Sheehan (eds), Oxford University Press, Oxford, pp. 30-46.
- Caprile, J., Klonsky, K., Mills, N., McDougall, S., Micke, W., and Van Steenwyk, R. 1994. Insect damage limits yield, profits of organic apples. *California Agriculture* 48(6): 21-28.
- Mills, N. J. 1994. Biological control: some emerging trends. In: *Individuals, Populations and Patterns in Ecology*. S. R. Leather, A. D. Watt, N. J. Mills and K. F. A. Walters (eds), Intercept, Andover, UK, pp. 213-222.
- Leather, S. R., Watt, A. D., Mills, N. J., and Walters, K. F. A. (eds). 1994. *Individuals, Populations and Patterns in Ecology*. Intercept, Andover, UK.
- Kenis, M., and Mills, N. J. 1994. Parasitoids of European species of the genus *Pissodes* (Col.: Curculionidae) and their potential for the biological control of *Pissodes strobi* (Peck) in Canada. *Biological Control* 4: 14-21.
- Mills, N. J. 1993. Observations on the parasitoid complexes of budmoths (Lepidoptera: Tortricoidea) on larch in Europe. *Bulletin of Entomological Research* 83: 103-112.
- Mills, N. J. 1993. Species richness and structure in the parasitoid complexes of tortricoid hosts. *Journal of Animal Ecology* 62: 45-58.
- Mills, N. J. 1992. Classification and biology of braconid wasps - a book review. *Bulletin of Entomological Research* 82: 435-436.
- Waage, J. K., and Mills, N. J. Biological control. 1992. In: *Natural Enemies: the Population Biology of Predators, Parasites and Diseases*. M. J. Crawley (ed.), Blackwell, Oxford, pp. 412-430.

- Mills, N. J., and Nealis, V. G. 1992. European field collections and Canadian releases of *Ceranthia samarensis* (Dipt.: Tachinidae), a parasitoid of the gypsy moth. *Entomophaga* 37: 181-191.
- Mills, N. J. 1992. Parasitoid guilds, life-styles, and host ranges in the parasitoid complexes of tortricoid hosts (Lepidoptera: Tortricoidea). *Environmental Entomology* 21: 230-239.
- Mills, N. J. 1991. Searching strategies of the parasitoids of the ash bark beetle (*Leperisinus varius* F.) and its relevance to biological control. *Ecological Entomology* 16: 461-470.
- Mills, N. J., and Kenis, M. 1991. A study of the parasitoid complex of the European fir budworm, *Choristoneura murinana* (Lepidoptera: Tortricidae), and its relevance for biological control of related hosts. *Bulletin of Entomological Research* 81: 429-436.
- Mills, N. J., and Carl, K. P. 1991. Parasitoids and predators of tortricoid pests. In: *Tortricoid Pests, their Biology, Natural Enemies and Control*. L. P. S. van der Geest and H. H. Evenhuis (eds.), Elsevier, Amsterdam, pp. 235-252.
- Mills, N. J. 1991. Thrips biocontrol: opportunities for use of natural enemies against the pear thrips. *USDA Forest Service General Technical Report NE-147*, pp. 217-236.
- Mills, N. J., Krüger, K., and Schlup, J. 1991. Short-range host location mechanisms in parasitoids of bark beetles. *Journal of Applied Entomology* 111: 33-43.
- Waage, J. K., and Mills, N. J. 1990. Understanding and measuring the impact of natural enemies on pest populations. In: *Biological Control Training Manual*. D.J. Girling (ed.), Food and Agriculture Organisation of the United Nations, 33 pp.
- Mills, N. J. 1990. Biological control, a century of pest management. *Bulletin of Entomological Research* 80: 359-362.
- Krüger, K., and Mills, N. J. 1990. Observations on the biology of three parasitoids of the spruce bark beetle, *Ips typographus* (Col., Scolytidae): *Coeloides bostrychorum*, *Dendrosoter middenedorffii* (Hym., Braconidae) and *Rhopalicus tutela* (Hym., Pteromalidae). *Journal of Applied Entomology* 110: 281-291.
- Mills, N. J., and Räther, M. 1990. Hemlock loopers in Canada; biology, pest status and potential for biological control. *Biocontrol News & Information* 11: 209-221.
- Mills, N. J. 1990. Are parasitoids of significance in endemic populations of forest defoliators? Some experimental observations from gypsy moth, *Lymantria dispar* (Lepidoptera: Lymantriidae). In: *Population Dynamics of Forest Pests*. A. D. Watt, S. R. Leather, M. Hunter and N. A. C. Kidd (eds.), Intercept Press, pp. 265-274.
- Mills, N. J. 1990. Biological control of forest aphid pests in Africa. *Bulletin of Entomological Research* 80: 31-36.
- Moore, D., Abraham, Y. J., and Mills, N. J. 1989. Effects of competition in the coffee berry borer, *Hypothenemus hampei* (Ferrari) (Col.: Scolytidae) *Journal of Applied Entomology* 109: 64-70.
- Räther, M., and Mills, N. J. 1989. Possibilities for the biological control of the Christmas tree pests, the balsam gall midge, *Paradiplosis tumifex* Gagnè (Diptera: Cecidomyiidae) and the balsam twig aphid, *Mindarus abietinus* Koch (Homoptera: Mindaridae), using exotic enemies from Europe. *Biocontrol News & Information* 10: 119-129.
- Carl, K. P., and Mills, N. J. 1989. Biological control of native pests - a promising strategy or a pipe-dream? *Biocontrol News* 1: 28-34.
- Mills, N. J. 1989. Life tables of the Lymantriidae with particular reference to *Lymantria obfuscata* in Kashmir. *USDA Forest Service General Technical Report NE-123*, pp. 143-154.

- Mills, N. J., and Schlup, J. 1989. The natural enemies of *Ips typographus* in Central Europe: impact and potential use in biological control. In: *Potential for Biological Control of Dendroctonus and Ips Bark Beetles*. D. L. Kulhavy and M. C. Miller (eds.), Stephen F. Austin State University Press, Nacogdoches, pp. 131-146.
- Mills, N. J. 1988. Satiation and the functional response: a test of a new model (in Chinese). *Agronomy Abroad-Plant Protection* 1988(3): 52-63.
- Greathead, D. J., Carl, K. P., Schroeder, D., and Mills, N. J. 1988. Pest and weed control: the contribution of the International Institute of Biological Control. *Agrologist* 17: 8-10.
- Mills, N. J., and Krüger, K. 1988. Host location: an important consideration in the use of exotic natural enemies for the biocontrol of native scolytids. In: *Integrated Control of Scolytid Bark Beetles*. T.L. Payne and H. Saarenmaa (eds.), Virginia Polytechnic Institute and State University Press, pp. 321-328.
- Mills, N. J., and Schönberg, F. 1988. The structure and diversity of the parasitoid complexes of *Zeiraphera* bud-moths in relation to the dynamics of their populations. In: *Parasitoid Insects*. M. Bouletreau and G. Bonnot (eds.), Les Colloques de l'INRA No. 48, Paris, France, pp. 159-160.
- Steel, D., and Mills, N. J. 1988. A study of plants and invertebrates in an actively coppiced woodland (Brasenose Wood, Oxfordshire). *Research and Survey in Nature Conservation No. 15*, Nature Conservancy Council, Peterborough, UK, pp. 116-122.
- Mills, N. J., and Fischer, P. 1986. The entomophage complex of *Pissodes* weevils, with emphasis on the value of *P. validirostris* as a source of parasitoids for use in biocontrol. *Proceedings of the 2nd Conference of the IUFRO Cone and Seed Insect Working Party*, pp. 297-305.
- Mills, N. J., Fischer, P., and Glanz, W. D. 1986. Host exposure as a technique to study gypsy moth larval parasitoids under non-outbreak conditions. *Proceedings of the 18th World IUFRO Congress, Division 2, Volume II*, pp. 777-785.
- Mills, N. J. 1986. A preliminary analysis of the dynamics of within-tree populations of *Ips typographus* (L.) (Col.: Scolytidae). *Journal of Applied Entomology* 102: 402-416.
- Mills, N. J. 1985. European parasitoids as biocontrol agents of spruce budworms. In: *Recent Advances in Spruce Budworms Research*. C. J. Sanders, R. W. Stark, E. J. Mullins and J. Murphy (eds.), Canadian Forestry Service, Ottawa, pp. 391-392.
- Waage, J. K., Carl, K. P., Mills, N. J., and Greathead, D. J. 1985. Rearing entomophagous insects. In: *Handbook of Insect Rearing*. P. Singh and R.F. Moore (eds.), Elsevier, Amsterdam, Volume 1, pp. 45-66.
- Mills, N. J., and Schönberg, F. 1985. Possibilities for the biological control of the Douglas-fir tussock moth in Canada, using natural enemies from Europe: a literature review. *Biocontrol News & Information* 6: 7-18.
- Mills, N. J. 1985. Some observations on the role of predation in the natural regulation of *Ips typographus* (L.) populations. *Zeitschrift für angewandte Entomologie* 99: 209-215.
- Mills, N. J. 1983. The natural enemies of scolytids infesting conifer bark in Europe in relation to the biological control of *Dendroctonus* species in Canada. *Biocontrol News & Information* 4: 305-328.
- Mills, N. J. 1983. Possibilities for the biological control of the eastern spruce budworm, *Choristoneura fumiferana* (Clem.), using natural enemies from Europe. *Biocontrol News & Information* 4: 103-125.

- Mills, N. J. 1982. Satiation and the functional response: a test of a new model. *Ecological Entomology* 7: 305-315.
- Mills, N. J. 1982. Voracity, cannibalism and coccinellid predation. *Annals of Applied Biology* 101: 144-148.
- Mills, N. J. 1981. The estimation of recruitment from stage frequency data. *Oecologia* 51: 212-216.
- Mills, N. J. 1981. The estimation of mean duration from stage frequency data. *Oecologia* 51: 206-211.
- Mills, N. J. 1981. The mortality and fat content of *Adalia bipunctata* (L.) (Col.: Coccinellidae) during hibernation. *Entomologia experimentalis et applicata* 30: 265-268.
- Mills, N. J. 1981. Essential and alternative foods for some British coccinellids (Coleoptera). *Entomologists Gazette* 32: 197-202.
- Mills, N. J. 1981. Some aspects of the rate of increase of a coccinellid. *Ecological Entomology* 6: 293-299.