

Hirvikärpäsinvaasion seuraukset eläimille ja ihmisille

TEKSTI: KNUK MADSLIEN JA BJØRNAR YTREHUS

Lisätietoa aiheesta

1. Kruse H, Kirkemo AM, Handeland K. Wildlife as source of zoonotic infections. *Emerg Infect Dis* 2004;10:2067-72.
2. Hudson PJ, Dobson AP, Newborn D. Prevention of population cycles by parasite removal. *Science* 1998;282:2256-8.
3. Wobeser GA. Essentials of disease in wild animals. Ames, Iowa: Blackwell Publishing Professional, 2006.
4. Andersson H. De svenska lusflugorna. *Entomol Tidskr.* 1985;106:15-25.
5. Haarløv N. Life cycle and distribution pattern of *Lipoptena cervi* (L.) (Dipt., Hippobosc.) on Danish deer. *Oikos* 1964;15:93-129.
6. Bequaert J. A monograph of the Melophaginae or ked flies of sheep, goats, deer and antelopes (Diptera, Hippoboscidae). *Entomol Am.* 1942;22:1-220.
7. Välimäki P, Kaitala A, Madslie K, Härkönen L, Várkonyi G, Heikkilä J ym. Geographical variation in host use of a blood-feeding ectoparasitic fly: implications for population invasiveness. *Oecologia* 2011;166:985-95.
8. Ivanov VI. [Injuriousness to deer of the louse fly *Lipoptena cervi* L. (Diptera, Hippoboscidae) in Belarus] (venäjäksi). *Parazitologija* 1974;8:252-3.
9. Kynkäänniemi SM, Kortet R, Härkönen L, Kaitala A, Paakkonen T, Mustonen AM ym. Threat of an invasive parasitic fly, the deer ked (*Lipoptena cervi*), to the reindeer (*Rangifer tarandus tarandus*): experimental infection and treatment. *Ann Zool Fenn.* 2010;47:28-36.
10. Gothe R, Schöl H. Deer keds (*Lipoptena cervi*) in the accompanying equipment of the late Neolithic human mummy from the Similaun, South Tyrol. *Parasitol Res.* 1994;80:81-3.
11. Välimäki P, Madslie K, Malmsten J, Härkönen L, Härkönen S, Kaitala A ym. Fennoscandian distribution of an important parasite of cervids, the deer ked (*Lipoptena cervi*), revisited. *Parasitol Res.* 2010;107:117-25.
12. Allan SA. Biting flies (Class Insecta: Order Diptera). I: Samuel WM, Pybus MJ, Kocan AA, toim. Parasitic disease of wild mammals. 2. painos. Ames, Iowa: Iowa State University Press, 2001: 18-45.

13. Madslien K, Ytrehus B, Vikøren T, Malmsten J, Isaksen K, Hygen HO ym. Hair-loss epizootic in moose (*Alces alces*) associated with massive deer ked (*Lipoptena cervi*) infestation. J Wildl Dis. 2011;47:893-906.
14. Madslien K, Ytrehus B, Viljugrein H, Solberg EJ, Braten KR, Mysterud A. Factors affecting deer ked (*Lipoptena cervi*) prevalence and infestation intensity in moose (*Alces alces*) in Norway. Parasit Vectors. 2012;5:251. www.parasitesandvectors.com/content/5/1/251 (12.11.2012).
15. Madslien K. Deer ked (*Lipoptena cervi*) and moose (*Alces alces*) in Norway: interactions between an invading ectoparasite, its host and the environment. Oslo 2013. Väitöskirja.Norges veterinærhøgskole.
16. Laaksonen S, Kortet R, Härkönen S, Ylönen H. Äglusflugan - Ett plågoris för både hjordjur och människor. Svensk Jakt 2009;147:58-61.
17. Paakkonen T, Mustonen AM, Käkelä R, Kiljander T, Kynkäänniemi SM, Laaksonen S ym. Experimental infection of the deer ked (*Lipoptena cervi*) has no negative effects on the physiology of the captive reindeer (*Rangifer tarandus tarandus*). Vet Parasitol. 2011;179:180-8.
18. Ströse A. [The deer ked as the cause of eczema in Cervids] (saksaksi). Dtsch Jäger Ztg. 1916;17.
19. Hermosilla C, Pantchev N, Bachmann R, Bauer C. *Lipoptena cervi* (deer ked) in two naturally infested dogs. Vet Rec 2006;159:286-7.
20. Hase A. Über *Lipoptena cervi* L. und über die Wirkung ihrer Stiche. Parasitol Res.1939;11:410-8.
21. Rantanen T, Reunala T, Vuojolahti P, Hackman W. Persistent pruritic papules from deer ked bites. Acta Derm Venereol. 1982;62:307-11.
22. Dehio C, Sauder U, Hiestand R. Isolation of *Bartonella schoenbuchensis* from *Lipoptena cervi*, a blood-sucking arthropod causing deer ked dermatitis. J Clin Microbiol 2004;42:5320-3.
23. Laukkanen A, Ruoppi P, Mäkinen-Kiljunen S. Deer ked-induced occupational allergic rhinoconjunctivitis. Ann Allergy Asthma Immunol. 2005;94:604-8.

24. Lange H, Andreassen Å, Wiklund BS, Dudman S, Noraas S, Ottessen P ym. Års-rapport -Flått og flåttbårne sykdommer. Lyme borreliose og skogflåttencefalitt i 2011. Oslo: Nasjonalt folkehelseinstitutt, Divisjon for smittevern, 2012.

25. Duodu S, Madslie K, Hjelm E, Molin Y, Paziowska-Harris A, Harris PD ym.

Bartonella infection in deer ked (*Lipoptena cervi*) and moose (*Alces alces*) in

Norway. Appl Environ Microbiol, 2013;79:322-7.

26. Wesslen L, Ehrenborg C, Holmberg M, McGill S, Hjelm E, Lindquist O ym.

Subacute Bartonella infection in Swedish orienteers succumbing to sudden unexpected

cardiac death or having malignant arrhythmias. Scand J Infect Dis. 2001;33:429-38.