Rapid Spread of Schmallenberg Virus-infected Biting Midges (Culicoides spp.) across Denmark in 2012

Detection of Schmallenberg virus RNA, using real-time RT-PCR, in biting midges (Culicoides spp.) caught at 48 locations in 2011 and four well-separated farms during 2012 in Denmark, revealed a remarkably rapid spread of virus-infected midges across the country. During 2012, some 213 pools of obsoletus group midges (10 specimens per pool) were examined, and of these, 35 of the 174 parous pools were Schmallenberg virus RNA positive and 11 of them were positive in the heads. Culicoides species-specific PCRs identified both C. obsoletus and C. dewulfi as vectors of Schmallenberg virus.

General information
State: Published
Organisations: National Veterinary Institute, Section for Virology, Section for Epidemiology
Contributors: Rasmussen, L. D., Kirkeby, C., Bødker, R., Kristensen, B., Rasmussen, T. B., Belsham, G., Bøtner, A.
Pages: 12-16
Publication date: 2014
Peer-reviewed: Yes

Publication information
Journal: Transboundary and Emerging Diseases
Volume: 61
Issue number: 1
ISSN (Print): 1865-1674
Ratings:
BFI (2018): BFI-level 1
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 1
Scopus rating (2017): CiteScore 2.87 SJR 1.147 SNIP 1.488
Web of Science (2017): Impact factor 3.504
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 1
Scopus rating (2016): CiteScore 2.16 SJR 1.046 SNIP 0.998
Web of Science (2016): Impact factor 3.585
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 1
Scopus rating (2015): CiteScore 2.29 SJR 1.305 SNIP 1.249
Web of Science (2015): Impact factor 2.714
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): CiteScore 2.23 SJR 1.048 SNIP 1.207
Web of Science (2014): Impact factor 2.944
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 1
Scopus rating (2013): CiteScore 2.33 SJR 0.975 SNIP 1.123
Web of Science (2013): Impact factor 3.116
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 1
Scopus rating (2012): CiteScore 2.04 SJR 0.847 SNIP 1.178
Web of Science (2012): Impact factor 2.096
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 1
Scopus rating (2011): CiteScore 2.05 SJR 0.939 SNIP 1.124
Web of Science (2011): Impact factor 1.809
ISI indexed (2011): ISI indexed yes
BFI (2010): BFI-level 1