

TABLE 233-1 ZONOTIC ARTHROPOD- AND RODENT-BORNE VIRUSES THAT INFECT HUMANS (CONTINUED)

Virus Group	Virus (Abbreviation)	Principal Reservoir Host(s)	Vector(s)	Syndrome <sup>a</sup>
Orthobunyaviruses (California serogroup)	California encephalitis virus (CEV)	Lagomorphs, rodents	Mosquitoes ( <i>Aedes</i> , <i>Culex</i> , <i>Culiseta</i> , <i>Psorophora</i> spp.)	E, F/M
	Inkoo virus (INKV)	Cattle, foxes, hares, moose, rodents	Mosquitoes ( <i>Aedes</i> spp.)	E, F/M
	Jamestown Canyon virus (JCV)	Bison, deer, elk, moose	Mosquitoes ( <i>Aedes</i> , <i>Culiseta</i> , <i>Ochlerotatus</i> spp.)	E, F/M
	La Crosse virus (LACV)	Chipmunks, squirrels	Mosquitoes ( <i>Ochlerotatus triseriatus</i> )	E, F/M
	Lumbo virus (LUMV)	Unknown	Mosquitoes ( <i>Aedes pembaensis</i> )	E, F/M
	Snowshoe hare virus (SSHV)	Snowshoe hares, squirrels, other small mammals	Mosquitoes ( <i>Aedes</i> , <i>Culiseta</i> , <i>Ochlerotatus</i> spp.)	E, F/M
	Tahyña virus (TAHV)	Cattle, dogs, eulipotyphla, foxes, hares, horses, pigs, rodents	Mosquitoes ( <i>Aedes</i> , <i>Culex</i> , <i>Culiseta</i> spp.)	E, F/M
Orthobunyaviruses (group C serogroup)	Apeú virus (APEUV)	Bare-tailed woolly opossums ( <i>Caluromys philander</i> ) and other opossums; rodents; tufted capuchins ( <i>Cebus apella</i> )	Mosquitoes ( <i>Aedes</i> , <i>Culex</i> spp.)	F/M
	Caraparú virus (CARV)	Rodents, tufted capuchins ( <i>C. apella</i> )	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Itaqui virus (ITQV)	Capuchins ( <i>Cebus</i> spp.), opossums, rodents	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Madrid virus (MADV)	Capuchins ( <i>Cebus</i> spp.), opossums, rodents	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Marituba virus (MTBV)	Capuchins ( <i>Cebus</i> spp.), opossums, rodents	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Murutucú virus (MURV)	Capuchins ( <i>Cebus</i> spp.), opossums, pale-throated sloths ( <i>Bradypus tridactylus</i> ), rodents	Mosquitoes ( <i>Coquillettidia</i> , <i>Culex</i> spp.)	F/M
	Nepuyo virus (NEPV)	Bats ( <i>Artibeus</i> spp.), rodents	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Oriboca virus (ORIV)	Capuchins ( <i>Cebus</i> spp.), opossums, rodents	Mosquitoes ( <i>Aedes</i> , <i>Culex</i> , <i>Mansonia</i> , <i>Psorophora</i> spp.)	F/M
	Ossa virus (OSSAV)	Rodents	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Restan virus (RESV)	Unknown	Mosquitoes ( <i>Culex</i> spp.)	F/M
Zungarococha virus (ZUNV)	Unknown	Unknown	F/M	
Orthobunyaviruses (Guama serogroup)	Catu virus (CATUV)	Bats, capuchins ( <i>Cebus</i> spp.), opossums, rodents	Mosquitoes ( <i>Culex</i> spp.)	F/M
	Guama virus (GMAV)	Bats, capuchins ( <i>Cebus</i> spp.), howlers ( <i>Alouatta</i> spp.), marsupials, rodents	Mosquitoes ( <i>Aedes</i> , <i>Culex</i> , <i>Limatus</i> , <i>Mansonia</i> , <i>Psorophora</i> , <i>Trichoprosopon</i> spp.)	F/M
Orthobunyaviruses (Nyando serogroup)	Nyando virus (NDV)	Unknown	Mosquitoes ( <i>Aedes</i> , <i>Anopheles</i> spp.), sandflies ( <i>Lutzomyia</i> spp.)	F/M
Orthobunyaviruses (Simbu serogroup)	Iquitos virus (IQTV)	Unknown	Unknown	F/M
	Oropouche virus (OROV)	Marmosets ( <i>Callithrix</i> spp.), pale-throated sloth ( <i>B. tridactylus</i> )	Biting midges ( <i>Culicoides paraensis</i> ), mosquitoes ( <i>Coquillettidia venezuelensis</i> , <i>Culex quinquefasciatus</i> , <i>Mansonia</i> spp., <i>Ochlerotatus serratus</i> )	F/M
Orthobunyaviruses (Wyeomyia serogroup)	Wyeomyia virus (WYOV)	Unknown	Mosquitoes ( <i>Wyeomyia</i> spp.)	F/M
Phleboviruses (Bhanja serocomplex)	Bhanja virus <sup>1</sup> (BHAV)	Cattle, four-toed hedgehog ( <i>Atelerix albiventris</i> ), goats, sheep, striped ground squirrels ( <i>Xerus erythropus</i> )	Ixodid ticks ( <i>Amblyomma</i> , <i>Dermacentor</i> , <i>Haemaphysalis</i> , <i>Hyalomma</i> , <i>Rhipicephalus</i> spp.)	E, F/M
	Heartland virus	Cattle, deer, elk, goats, sheep?	Ixodid ticks ( <i>Amblyomma americanum</i> )	F/M
Phleboviruses (Candiru serocomplex)	"Severe fever with thrombocytopenia syndrome virus" ("SFTSV")	Cattle, chicken, dogs, goats, rodents, sheep?	Ixodid ticks ( <i>Haemaphysalis longicornis</i> , <i>Rhipicephalus microplus</i> )	F/M, VHF
	Alenquer virus (ALEV)	Unknown	Unknown	F/M
	Candiru virus (CDUV)	Unknown	Unknown	F/M
	Escharate virus (ESCV)	Unknown	Unknown	F/M
	Maldonado virus (MLOV)	Unknown	Unknown	F/M
	Morumbi virus (MRBV)	Unknown	Unknown	F/M
Phleboviruses (Punta Toro serocomplex)	Serra Norte virus (SRNV)	Unknown	Unknown	F/M
	Punta Toro virus (PTV)	Unknown	Sandflies ( <i>Lutzomyia</i> spp.)	F/M
Phleboviruses (sandfly fever serocomplex)	Chagres virus (CHGV)	Unknown	Sandflies ( <i>Lutzomyia</i> spp.)	F/M
	Chios virus	Unknown	Unknown	E
	Rift Valley fever virus (RVFV)	Cattle, sheep	Mosquitoes ( <i>Aedes</i> , <i>Anopheles</i> , <i>Coquillettidia</i> , <i>Culex</i> , <i>Eretmapodites</i> , <i>Mansonia</i> spp.)	E, F/M, VHF

(Continued)