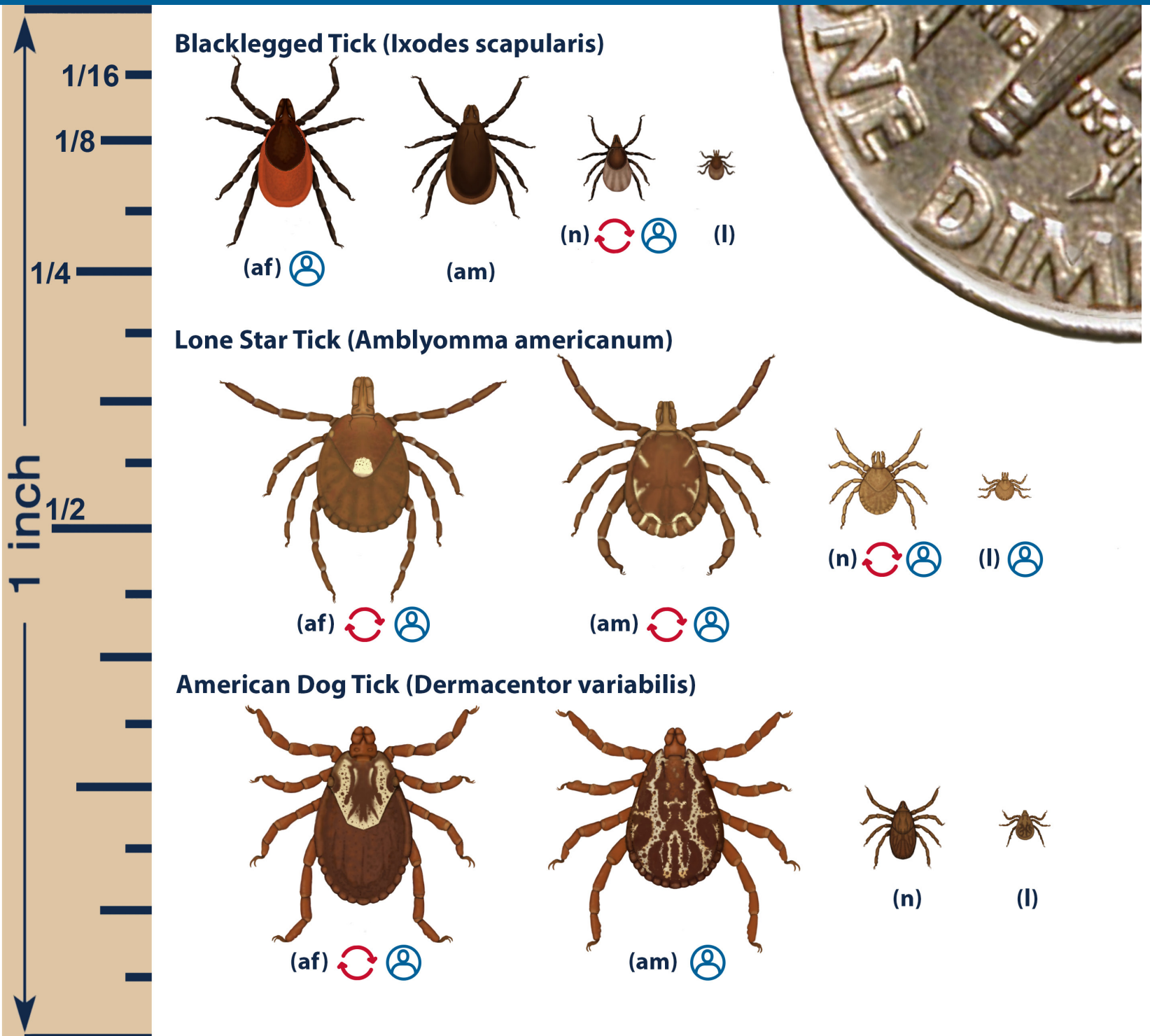
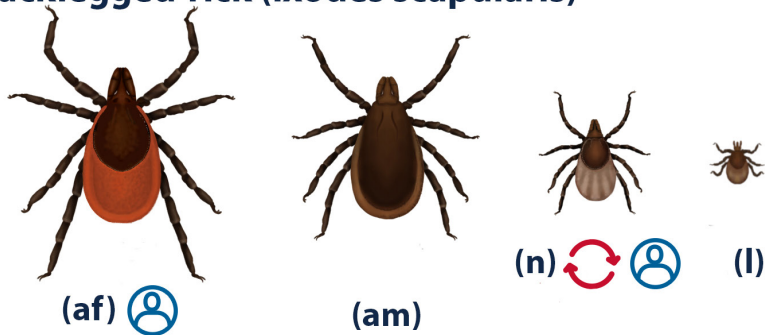


TICKS AND TICK-BORNE DISEASES OF VIRGINIA

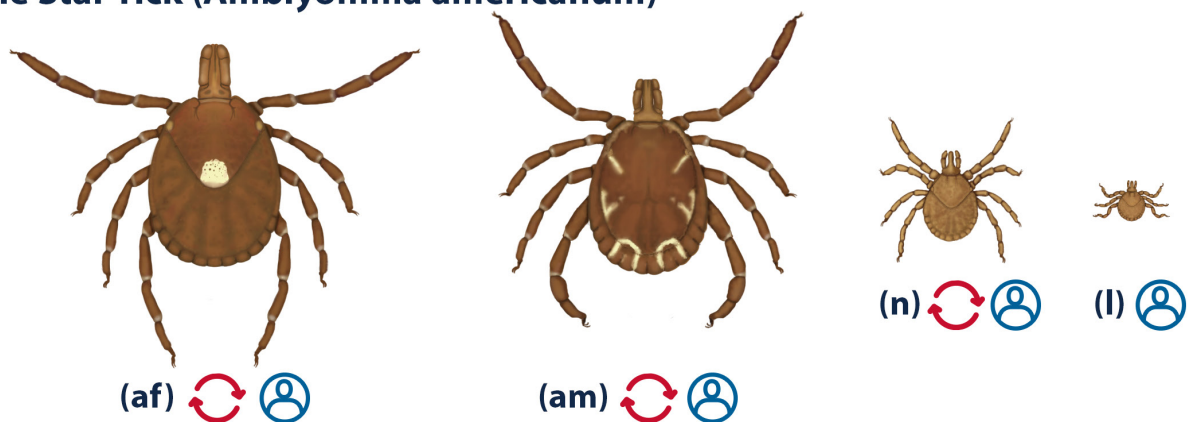
TICK IDENTIFICATION CHART



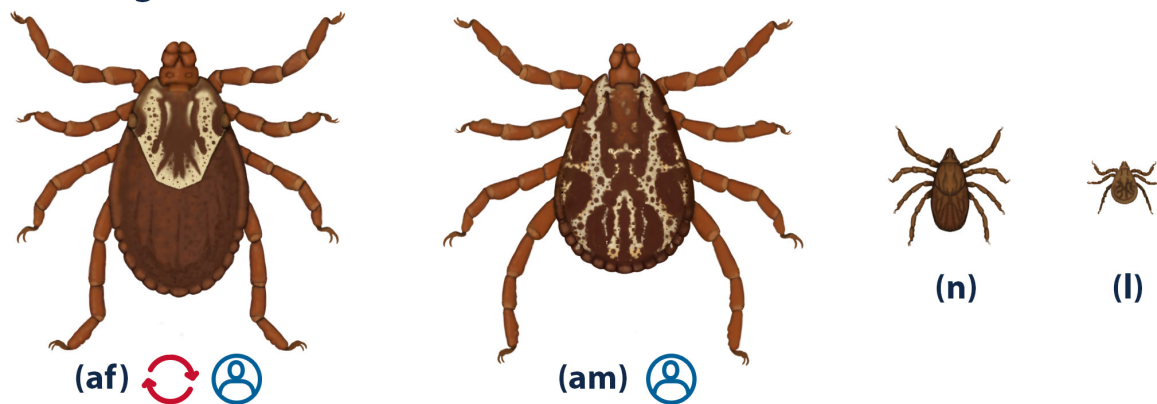
Blacklegged Tick (*Ixodes scapularis*)



Lone Star Tick (*Amblyomma americanum*)



American Dog Tick (*Dermacentor variabilis*)



(af) = adult female (am) = adult male (n) = nymph (l) = larva

= Tick stage causing the most disease transmission. = Tick stage known to feed on people.

ACTUAL SIZE OF TICKS

Blacklegged Tick



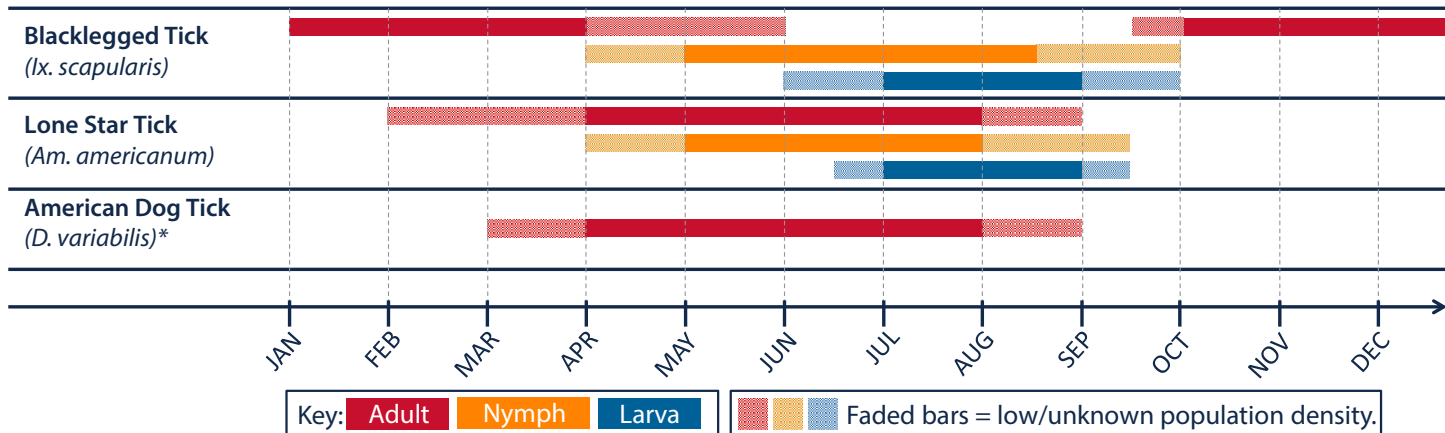
Lone Star Tick



American Dog Tick



TIMES OF YEAR WHEN TICK STAGES IN VIRGINIA ARE ACTIVE



*Only the adult life stage of the American Dog Tick is known to bite humans.

CHART OF TICK SPECIES AND TICK-BORNE DISEASES

Illness or Condition	Vector Tick Species	Tick Stage(s) Transmitting Disease	Incubation Period Range***
Alpha-gal Syndrome	Lone Star Tick	Larva, Nymph, Adult	unknown
Anaplasmosis	Blacklegged Tick	Nymph, Adult	7-14 days
Babesiosis	Blacklegged Tick	Nymph, Adult	1 week to months
Borrelia miyamotoi Disease	Blacklegged Tick	Larva, Nymph, Adult	3 days to 6 weeks
Ehrlichiosis	Lone Star Tick	Nymph, Adult	7-14 days
Heartland Virus	Lone Star Tick	Nymph, Adult	3 days to 2 weeks
Lyme Disease	Blacklegged Tick	Nymph, Adult	3-30 days
Powassan Virus	Blacklegged Tick	Nymph, Adult	1-4 weeks
Rickettsia parkeri Disease	Gulf Coast Tick ¹	Adult	2-10 days
	Lone Star Tick	Larva, Nymph, Adult	
Rocky Mountain Spotted Fever	American Dog Tick	Adult	2-14 days
	Brown Dog Tick ²	Nymph, Adult	
	Lone Star Tick	Larva, Nymph, Adult	
Southern Tick Associated Rash Illness (STARI)	Lone Star Tick	Nymph, Adult, ?	1-7 days
Tularemia	American Dog Tick	Adult	1-14 days
	Lone Star Tick	Nymph, Adult	

*****Incubation period and illness:** An incubation period is the time it takes for symptoms to appear after a person is infected. For more information about symptoms of these tickborne diseases, go to www.vdh.virginia.gov/ticks.

Always share your tick exposure history with your healthcare provider, particularly if you feel sick after being bitten by a tick.

For help identifying ticks, consider participating in the Virginia Department of Health's Citizen Tick Survey. More information about the survey can be found at <https://www.vdh.virginia.gov/ticks/tick-identification/virginia-tick-survey/>



¹**Gulf Coast Ticks:** These ticks are found sporadically in Virginia and only the large adult stage ticks bite people.

²**Brown Dog Ticks:** These ticks are uncommon in Virginia and are only found in doghouses, kennels, and on the walls of other structures that dogs live in.