



Unfed tick



Fed (engorged) tick

Ticks

There are many
ticks in the world,
over 899 types of
ticks.

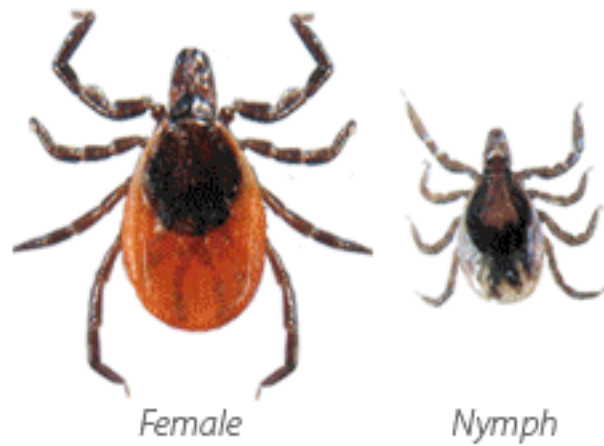
80 in the United
States

Kingdom-Animalia

Phylum-Arthropoda

Class-Arachnida

Ticks are in the
class Arachnida
Considered
arachnids therefore
they have 8 legs



Deer ticks : Lyme disease, babesiosis, anaplasmosis



Lone Star ticks : Ehrlichiosis



Dog ticks : Rocky Mt. spotted fever

Fig. 1 Most common human- and pet-biting ticks encountered & disease association

Commonly found in Ohio

Deer Ticks

Male



Female



ADAM.

Deer ticks

Carry Lyme disease

Grow to sesame seed size (before feeding)

Found mainly where deer and rodents are plentiful

Lone Star Tick

Secondary Lyme Disease Carrier

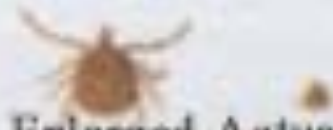
Female



Male



Nymph



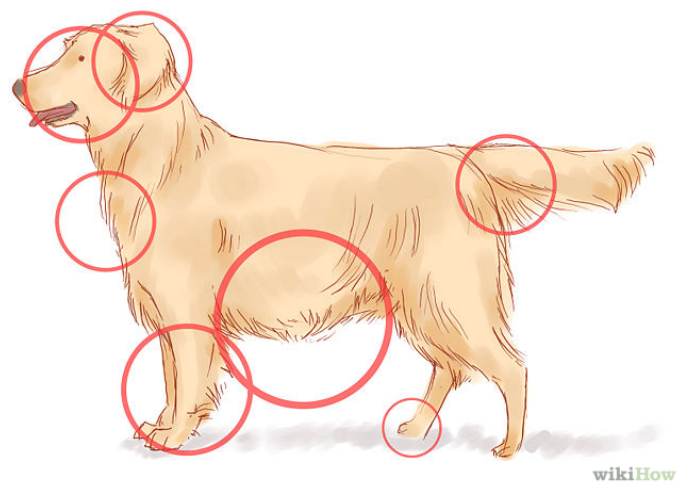
Enlarged Actual Size

Lone star ticks

Female has a pro dominant white dot

Can create a red rash

Doesn't transmit Lyme disease



Dog ticks

Can survive two years without a host
Attach to host for 4 to 5 days before
detaching

Lyme disease

Resemble flu

Symptoms

People may experience:

Pain areas: in the joints or muscles

Skin: bull's eye pattern rash, red rashes,
or redness

Whole body: fatigue, fever, or malaise

Joints: stiffness or swelling

Also common: headache or weakness
of limb

Removal of a tick

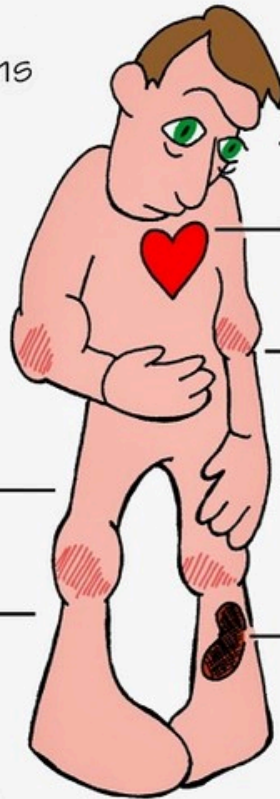
<https://m.youtube.com/watch?v=0wotB38WrRY>



LYME DISEASE

Flu-Like Symptoms

- Headache
- Fatigue
- Fever
- Chills
- Sore Throat
- Muscle Aches



Hearing Loss

Paralysis of Face

Heart Complications
Rapid or Slow Heart Rate
Chest Pain

Syncope, Palpitations,
Dyspnea

Hot, Swollen,
Painful Joints

Rash at the Site
of the Tick Bite -
Itching

Insomnia

Psychological Complications (Long Term)

- Depression
- Dementia



1.) [http://www.tickencounter.org/
tick_identification/dog_tick](http://www.tickencounter.org/tick_identification/dog_tick)

2.) [http://
animals.nationalgeographic.com/
animals/bugs/deer-tick/](http://animals.nationalgeographic.com/animals/bugs/deer-tick/)

3.) [http://tickinfo.com/
lonestartick.htm](http://tickinfo.com/lonestartick.htm)

4.) <http://www.cdc.gov/ticks/>

5.) [https://en.wikipedia.org/wiki/
Tick](https://en.wikipedia.org/wiki/Tick)

kahoot.it

<https://create.kahoot.it/#>



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Phylum-

Class-

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Male

Dog ticks : Rocky Mt.
spotted fever

Fig. 1 Most common human- and pet-biting ticks encountered & disease association

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Male



Female



ADAM.

_____ ticks

Carry lime disease

Grow to sesame seed size (_____)

Found mainly where deer and
_____ are plentiful

Lone Star Tick

Secondary Lyme Disease Carrier

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Enlarged Actual Size

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Female has a pro dominant _____
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Can create a _____ rash

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Lyme disease

Resemble _____

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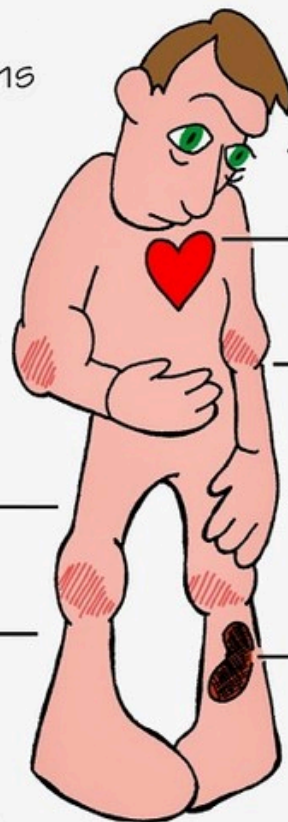
Removal of a tick

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