

A Synopsis of Morphological Character States that, Taken Together, Serve to Separate the Nymphs of *Ixodes scapularis* from Those of All Other North American *Ixodes* Species

- Trochanters without spurs
- Internal spur present on coxa I; external spurs present on coxae I-IV
- Palpal segment 1 ventrally without an anterior or posterior process
- Palps elongate and slender – much longer than wide
- Apex of hypostome pointed; dental formula 3/3 distally, then 2/2 to base
- Lateral carinae absent; cervical grooves present but faint
- Dorsal posterior margin of basis capituli curved

A Synopsis of Morphological Character States that, Taken Together, Serve to Separate the Larvae of *Ixodes scapularis* from Those of All Other *Ixodes* Species Known from Eastern North America

- Chaetotaxy: seven pairs of marginal dorsal setae; one pair of supplementary setae (all setal counts should be taken using cleared, unengorged, slide-mounted specimens examined with a compound, phase-contrast microscope)
- Apex of hypostome pointed; dental formula 3/3 distally, then 2/2 to base
- All coxae with two pairs of triangular spurs; coxal setae short

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