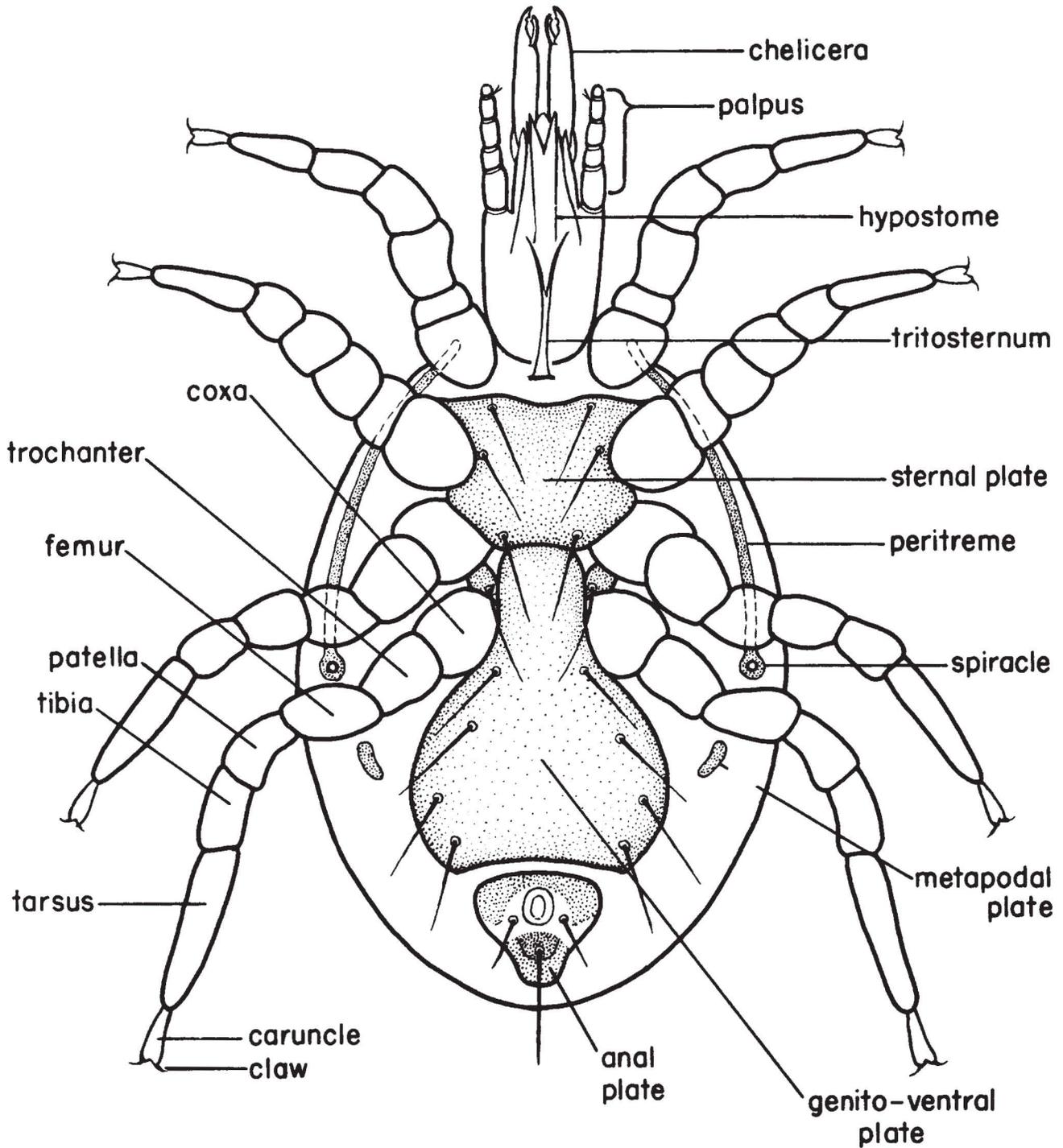


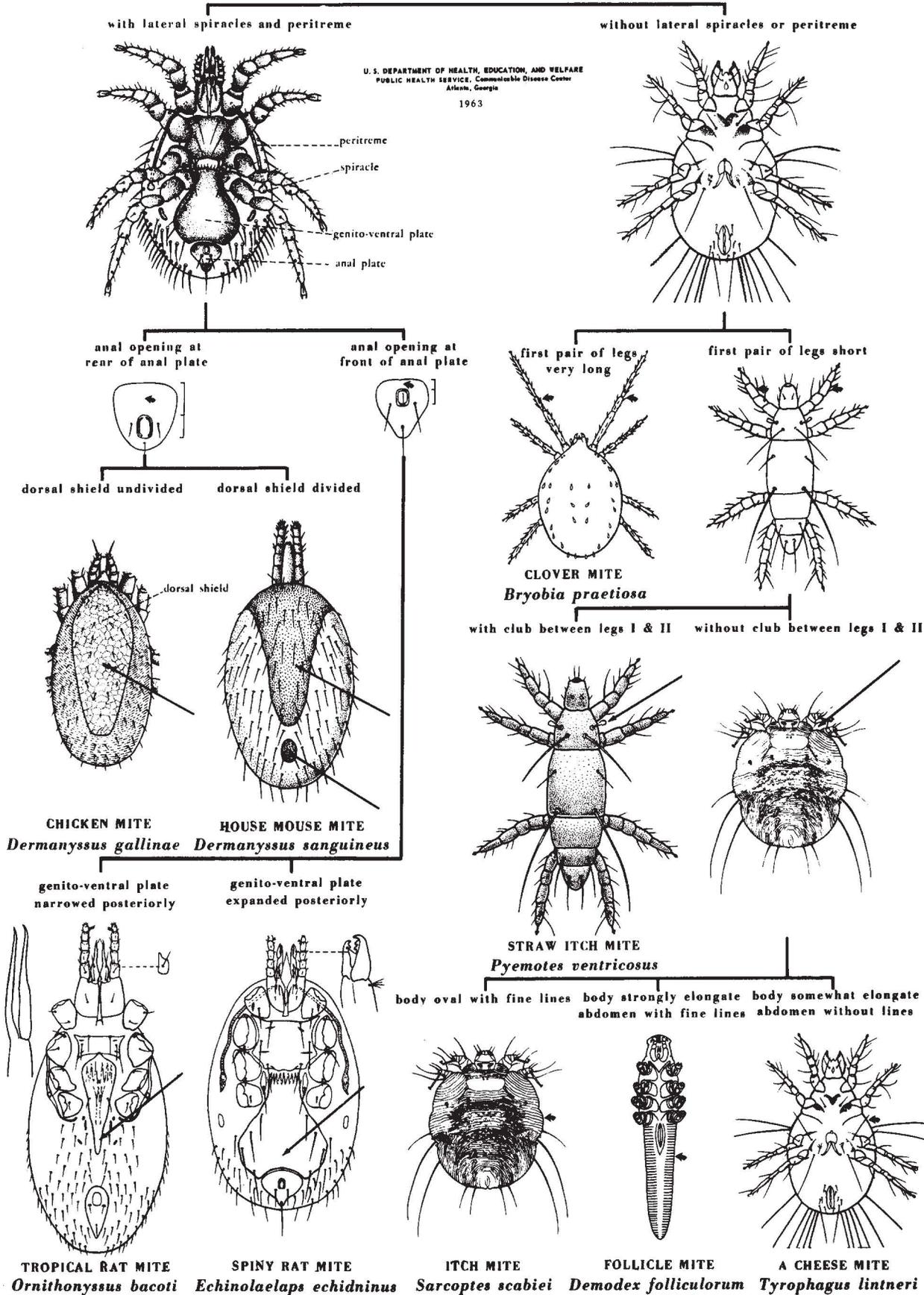
MITE DIAGRAM WITH STRUCTURES LABELED
Harry D. Pratt



MITES: PICTORIAL KEY TO SOME COMMON SPECIES OF PUBLIC HEALTH IMPORTANCE

Harold George Scott and Chester J. Stojanovich

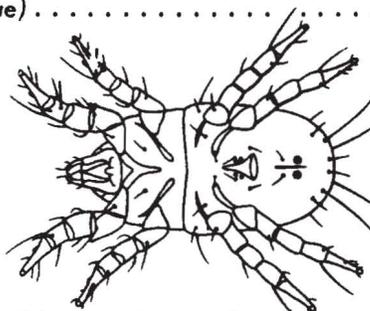
U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE, Communicable Disease Center
Atlanta, Georgia
1963



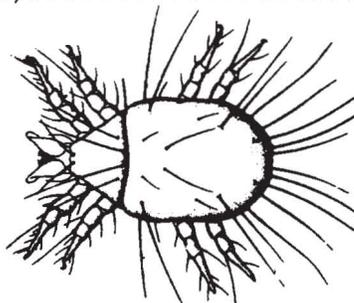
MITES: KEY TO SOME SPECIES COMMONLY INFESTING HOUSEHOLDS AND STORED FOOD

Harold George Scott

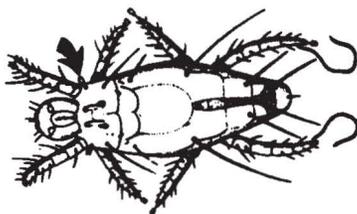
1. With club-like hair between bases of legs I and II 5
 Without club-like hair between bases of legs I and II 2
2. Claws, if present, not on stalks (*Glycyphagus domesticus*, formerly
Glycyphagus prunorum) SUGAR MITE
 Claws on stalks 3
3. Internal apical hair (on joint between femur I and tibia I) less
 than three times as long as external apical hair 4
 Internal apical hair (on joint between femur I and tibia I) more
 than three times as long as external apical hair (*Acarus farinae*,
 formerly *Tyroglyphus farinae*) HAM MITE

*Acarus farinae*

4. Tarsus with one stout dorsal and five small ventral terminal spines
 (*Acarus siro*, formerly *Tyroglyphus siro*) GRAIN MITE
 Tarsus with only three small ventral spines (*Tyrophagus castellani*,
 formerly *Tyroglyphus longior*) CHEESE MITE

*Tyrophagus castellani*

5. Tarsus IV of female ending in claws and a fleshy protuberance; leg
 IV of male smoothly curved inwards (*Pyemotes ventricosus*, formerly
Pediculoides ventricosus) STRAW ITCH MITE
 Tarsus IV of female ending in two long hairs of unequal length; leg
 IV of male sharply bent (*Tarsonemus floricolus*) FLORICOLUS GRAIN MITE

*Pyemotes ventricosus*

MITES: PICTORIAL KEY TO ADULT FEMALES COMMONLY FOUND ON DOMESTIC RATS IN SOUTHERN UNITED STATES

Harry D. Pratt and Chester J. Stojanovich

