Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.

aSF601
.A1U5

**THIS ITEM HAS BEEN DIGITIZED
AND IS AVAILABLE ONLINE**

**DO NOT CIRCULATE
DO NOT USE W/O MGMT APPROVAL**

United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Veterinary
Services

245

Adult Scabies Mites: Comparative Features //

reprinted

19 1981

(mouth parts, pedicels and suckers)

Sarcoptes

- Body—Rounded, short, backward projecting spines on dorsum
- Mouthparts—Blunt
- Pedicels (leg stalks)—Long and unjointed; third and fourth pair of legs do not usually extend beyond rim of body
- Sucker disks
Female: on legs 1 and 2
Male: on legs 1, 2 and 4
- Maximum size
Female: about 0.50mm
Male: about 0.30mm

(mouth parts, pedicels and suckers)

Chorioptes

- Body—Oval, compressed laterally
- Mouthparts—Blunt
- Pedicels (leg stalks)—Short and unjointed; third pair of legs extend from the indentation in the body wall
- Sucker disks
Female: on legs 1, 2 and 4
Male: on legs 1, 2, 3 and 4
- Maximum size
Female: about 0.40mm
Male: about 0.35mm

(mouth parts, pedicels and suckers)

Psoroptes

- Body—Oval
- Mouthparts—Sharp, piercing, and elongated
- Pedicels (leg stalks)—Long and jointed
- Sucker disks
Female: on legs 1, 2 and 4
Male: on legs 1, 2 and 3
- Maximum size
Female: about 0.80mm
Male: about 0.70mm

CURRENT
MAY 8 '87
NATL. ACAD. LIBRARY

Mites Found on Livestock

Mange Mite
Sarcoptes scabiei (Degeer)
Left: dorsal view of female
Right: ventral view of male

Mange Mite
Chorioptes bovis (Gerlach)
Left: ventral view of female
Right: ventral view of male

Mites Found on Other Animals

Common Rodent Mite
Haemolaelaps glasgowii (Ewing)
Ventral view of female with
morphological characters labeled.

Ear Mite
Otodectes cynotis (Hering)
Left: dorsal view of male
Right: ventral view of female

House Fly Mite
Macrocheles muscaedomesticae
(Scopoli)
Ventral view of female

Dog Nasal Mite
Pneumonyssus caninum (C. and R.)
Left: dorsal view of female
Right: ventral view of female

Common Scabies Mite
Psoroptes equi (Hering)
Left: dorsal view of female
Right: ventral view of male

Follicle Mite
Demodex
Ventral view of female

Sheep Itch Mites
Psorergates simplex (Tyrell);
Left: female
Right: *P. ovis*; palps, chelicera
and tarsus I

Chicken Mite
Dermanyssus gallinae (Degeer)
Left: dorsal view of female
Right: ventral view of female

Scaly-Leg Mite
Cnemidocoptes mutans
Dorsal view of female

Notoedres sp.
Dorsal view of female
Taken from squirrel

Northern Fowl Mite
Ornithonyssus sylviarum (C. and F.)
Left: dorsal view of female
Right: ventral view of female

Air-Sac Mite
Cytodites nudus (Vizioli)
Ventral view of male

Rabbit Fur Mite
Cheyletiella parasitivorax (Megnin)
Dorsal view of female

Photomicrographs

Sarcoptes

Female

Male

Chorioptes

Female

Male

Psoroptes

Female

Male

EXCHANGE Rec'd

SFR 9 1987

APHIS 91-19
(Formerly APHS 91-2)
Approved for reprinting
December 1981