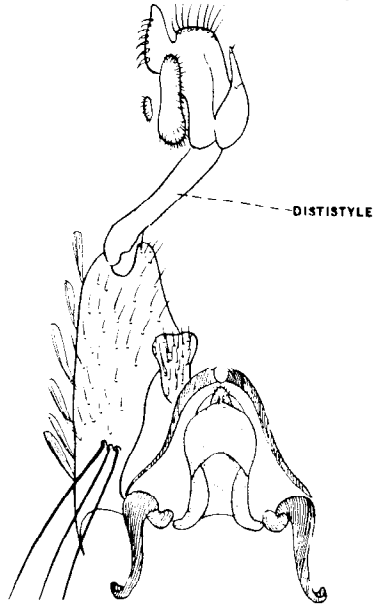
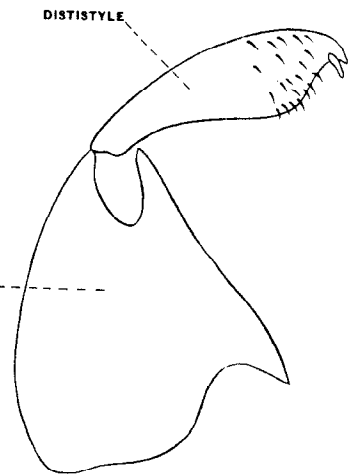


PART III

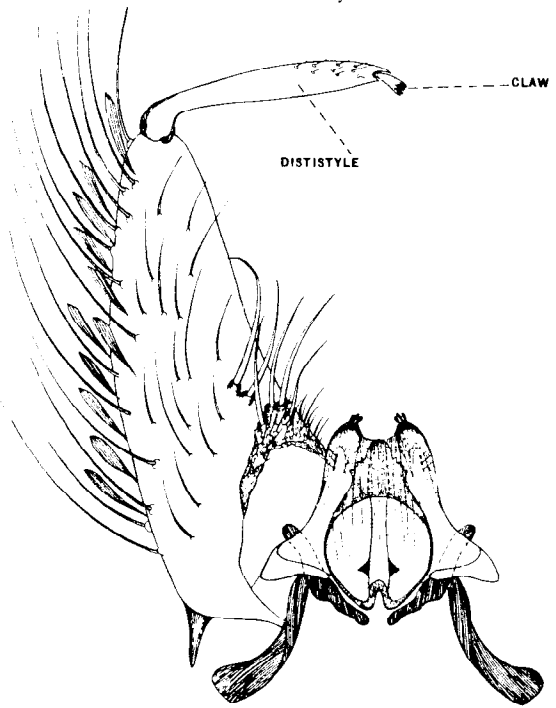
dististyle greatly modified at apex dististyle not greatly modified at apex



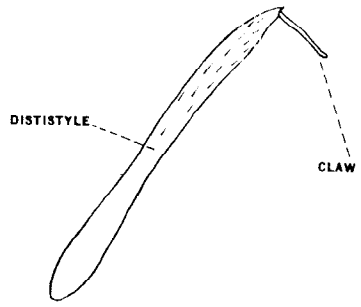
Wyeomyia



claw of dististyle comb-like claw of dististyle not comb-like

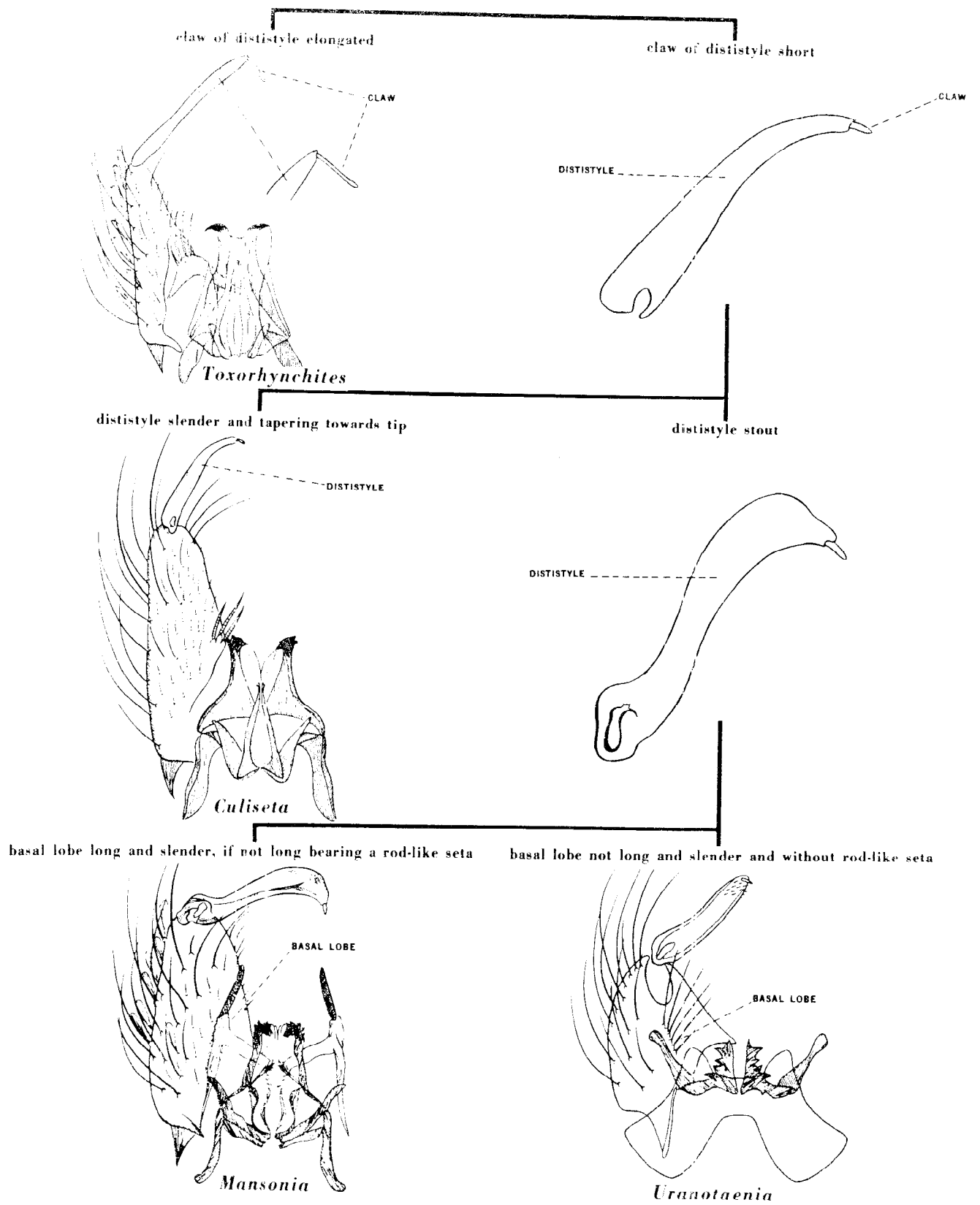


Orthopodomyia

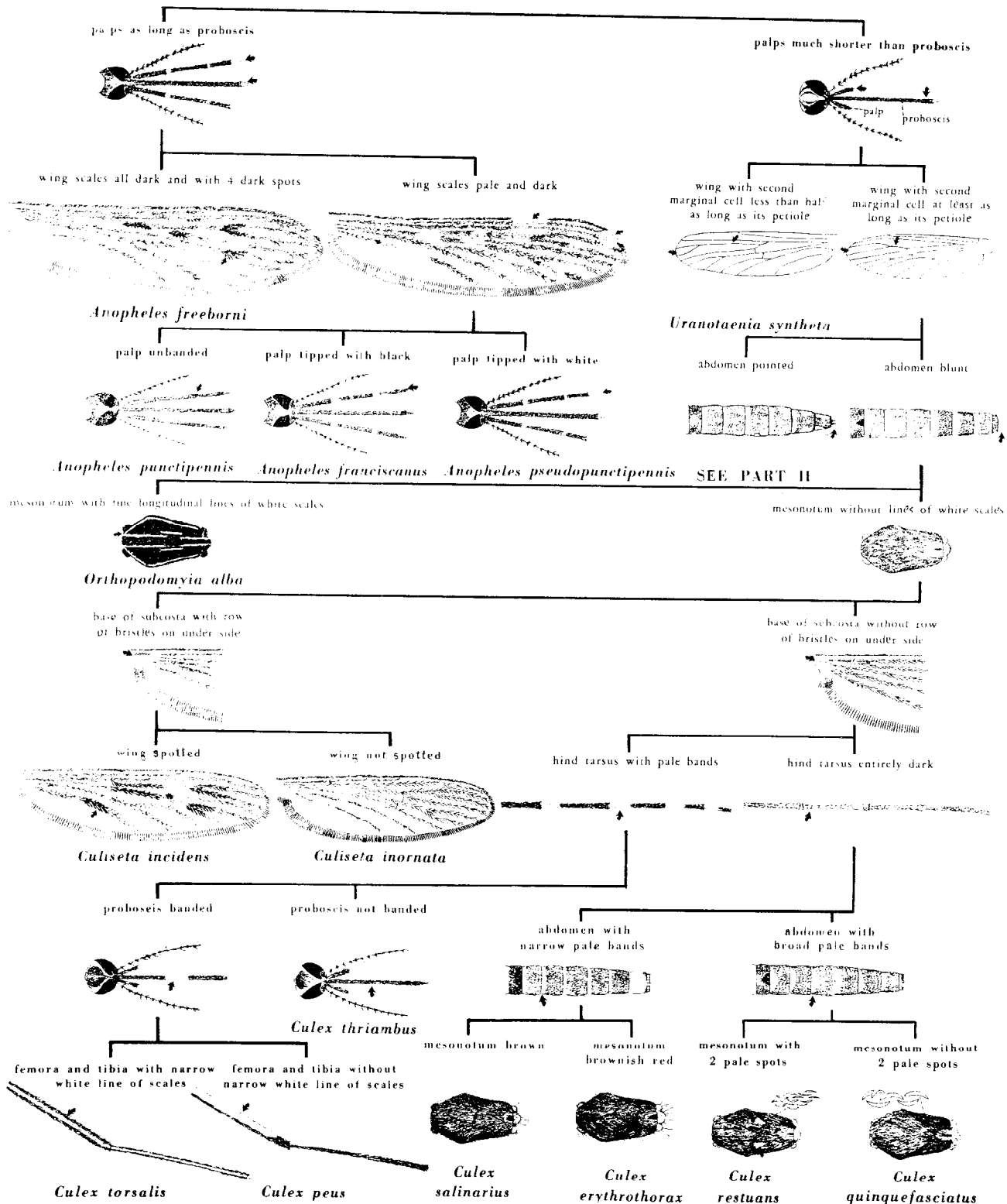


SEE PART IV

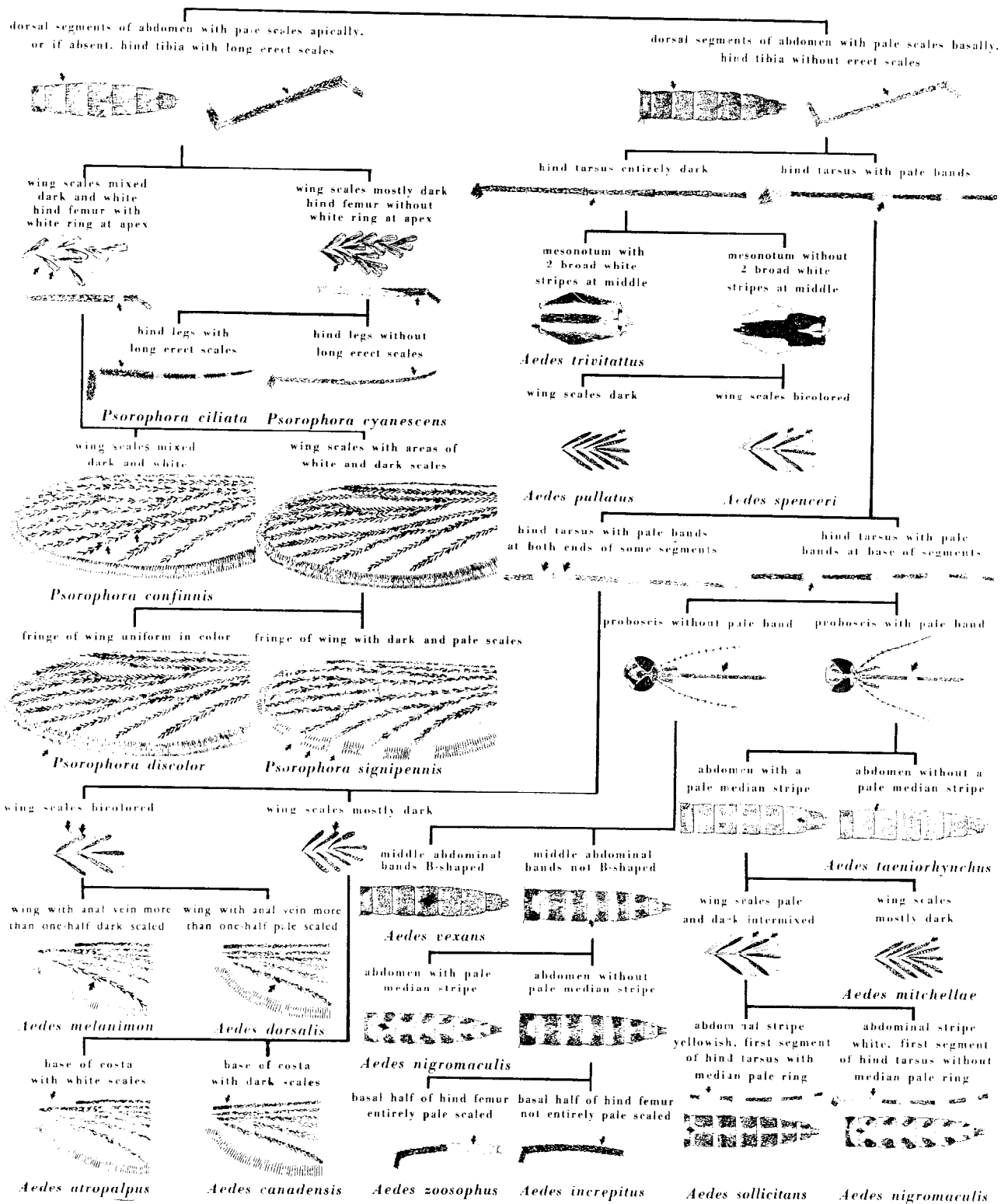
PART IV



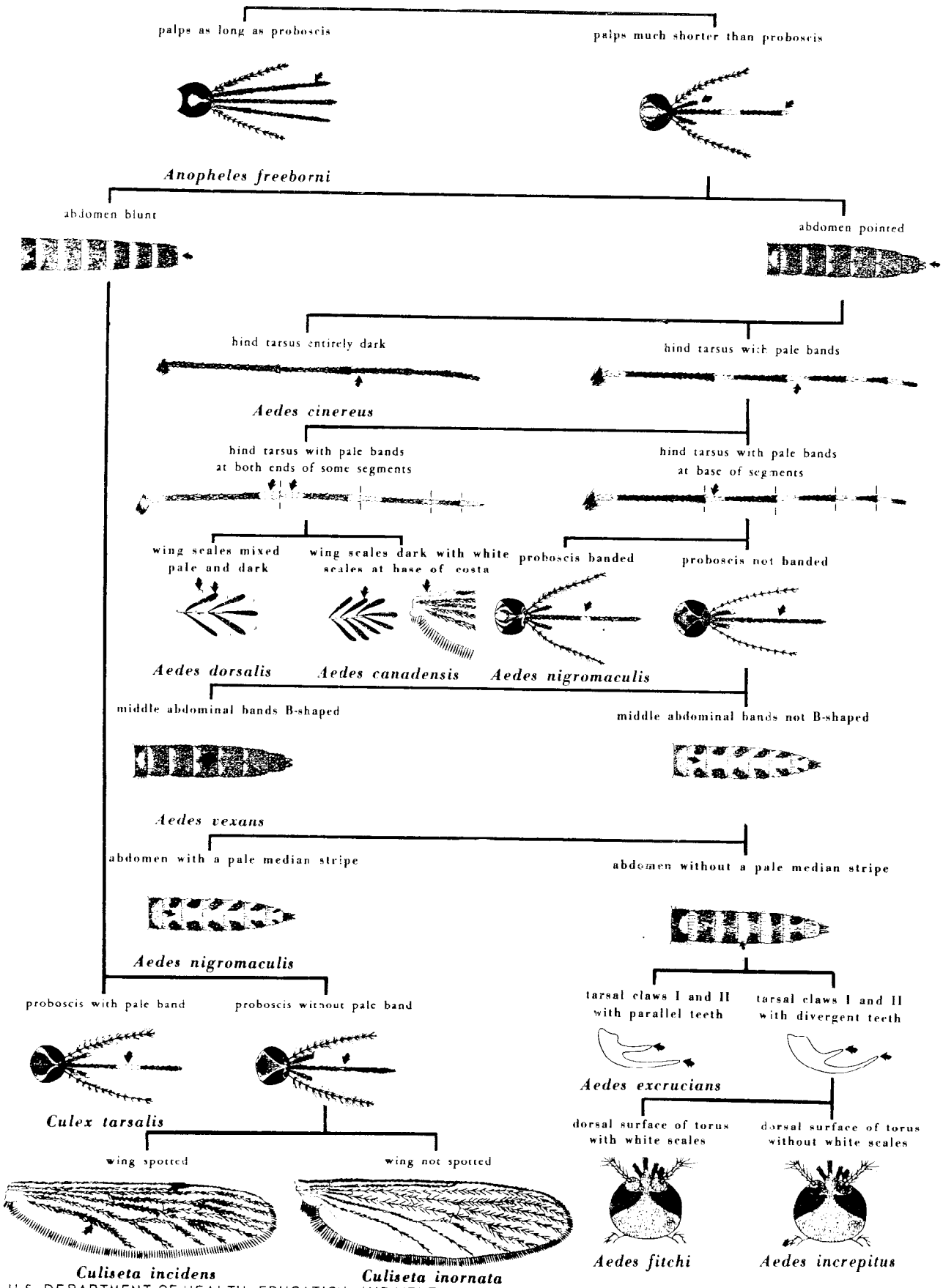
MOSQUITOES: PICTORIAL KEY TO MOST ADULTS (FEMALE) OF NEW MEXICO
 PART I
 Chester J. Stojanovich



PART II

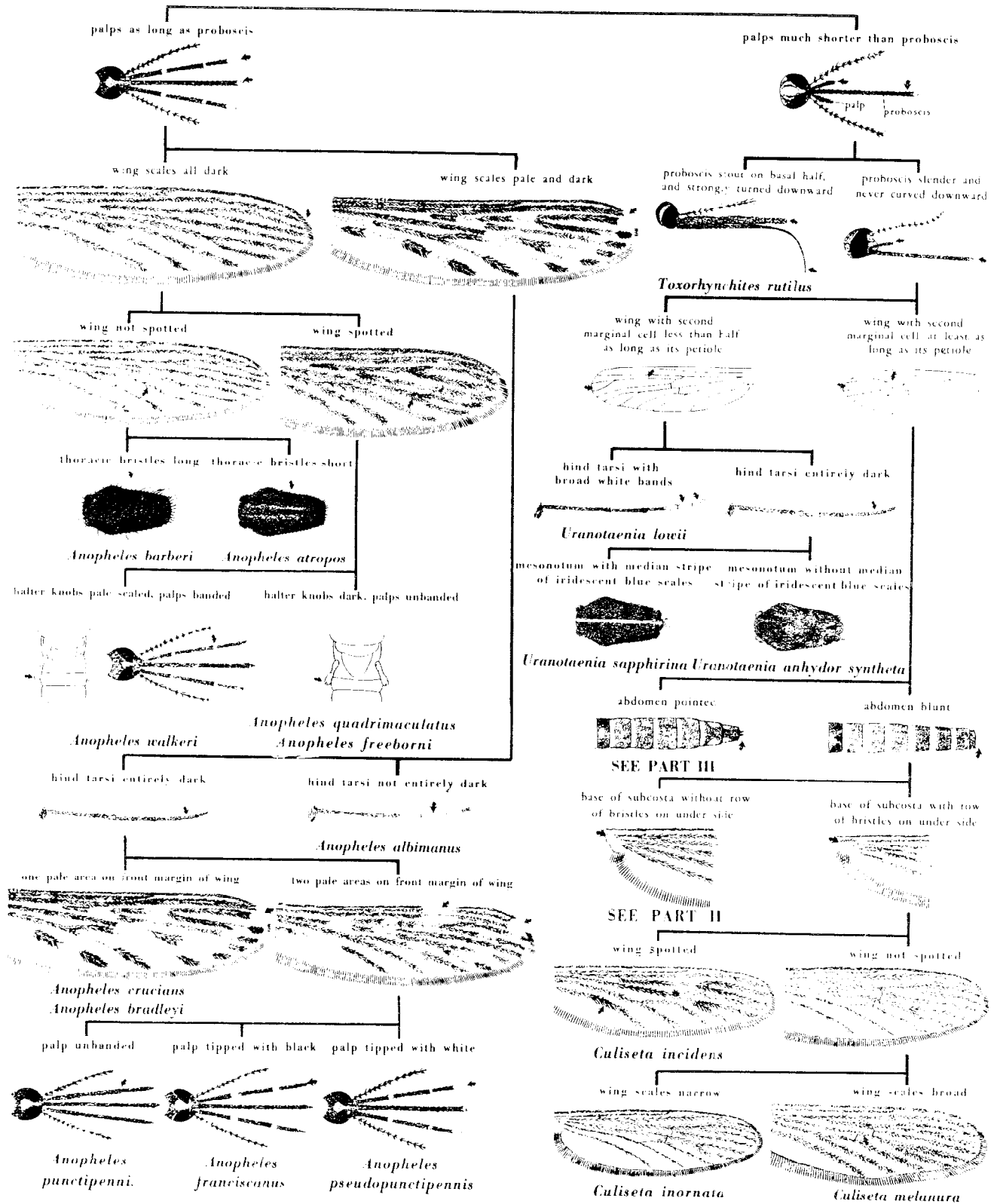


MOSQUITOES: PICTORIAL KEY TO SOME COMMON ADULTS (FEMALE) OF IDAHO
 Chester J. Stojanovich

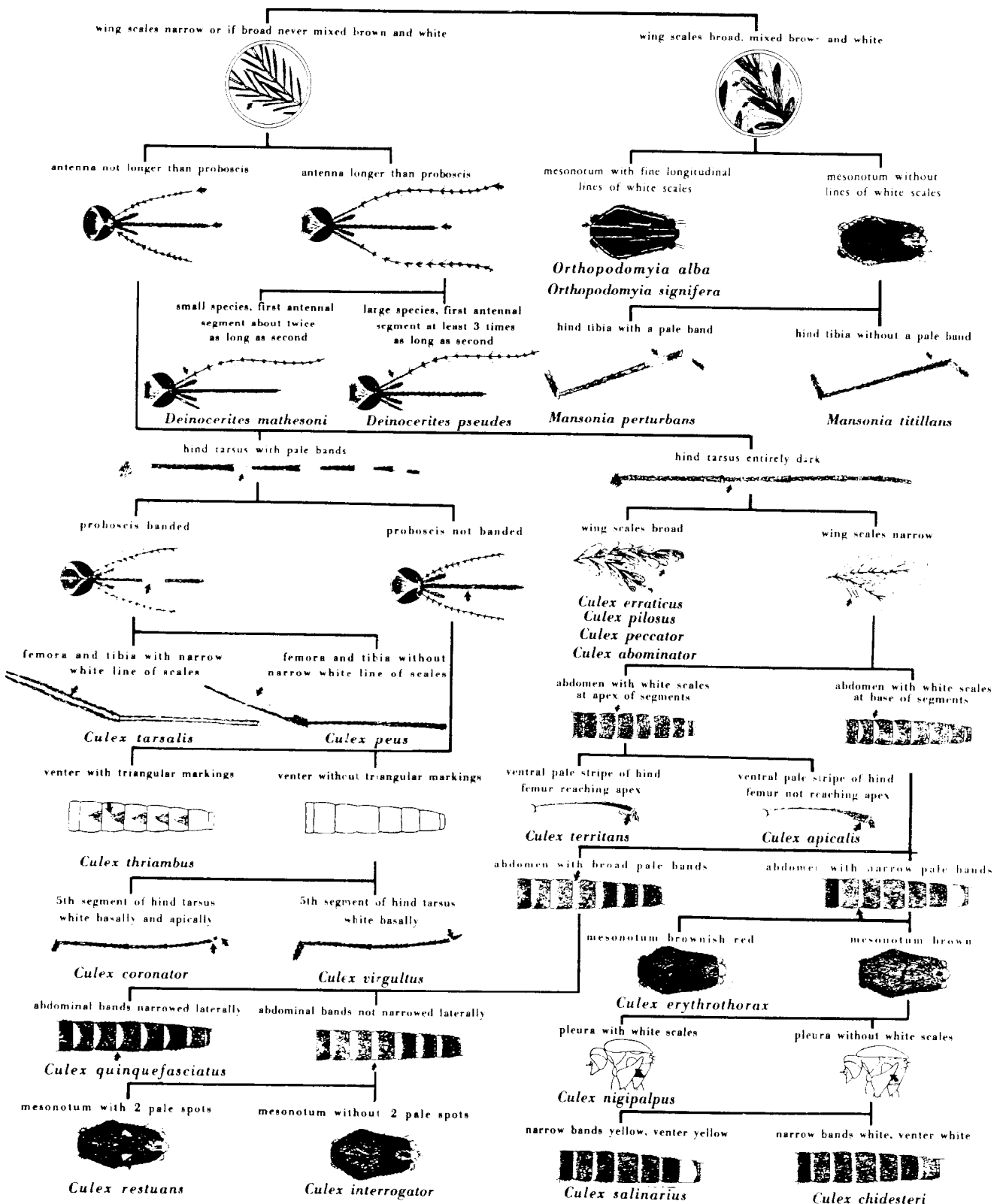


MOSQUITOES: PICTORIAL KEY TO ALL ADULTS (FEMALE) OF TEXAS
PART I

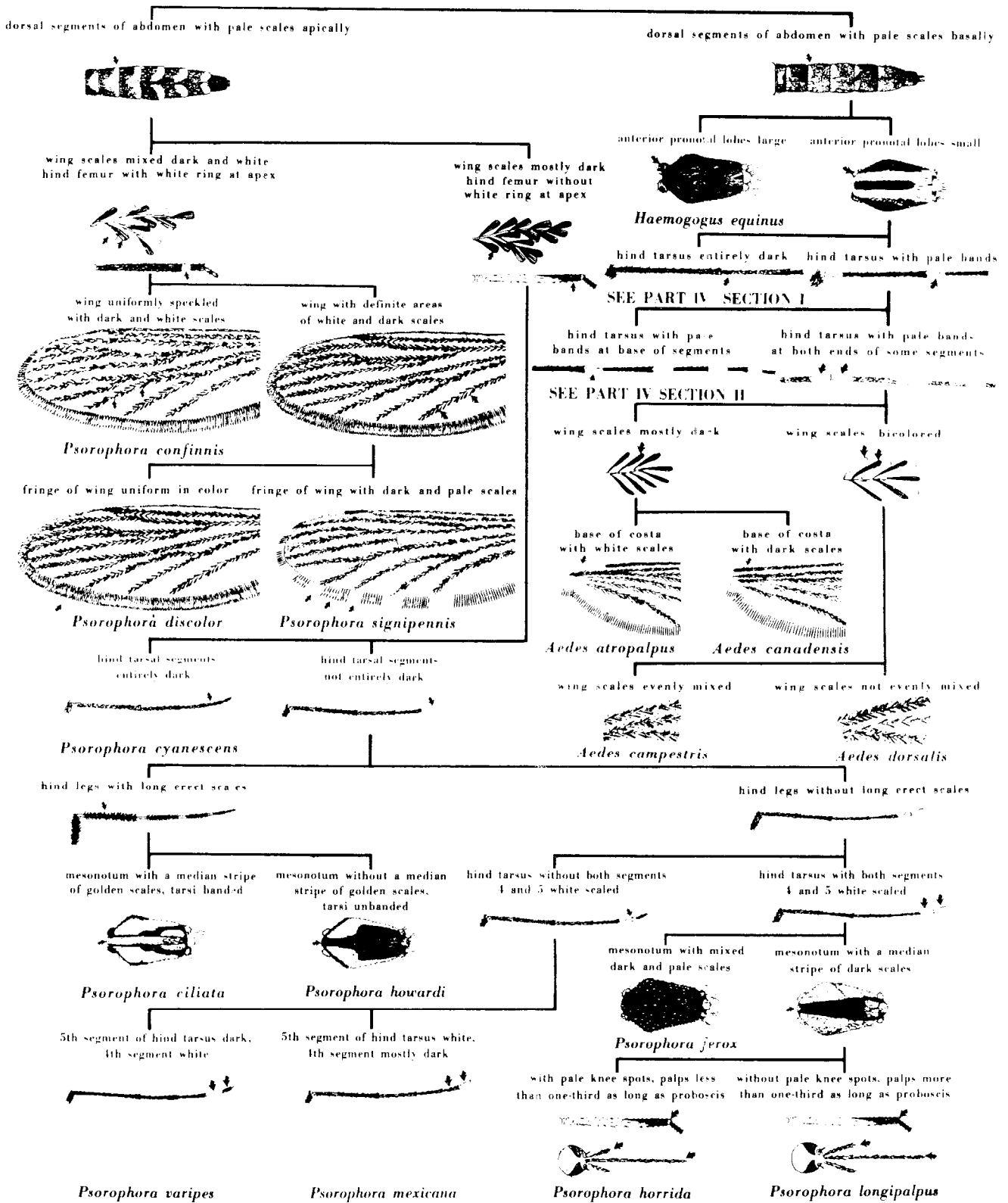
Chester J. Stojanovich



PART II

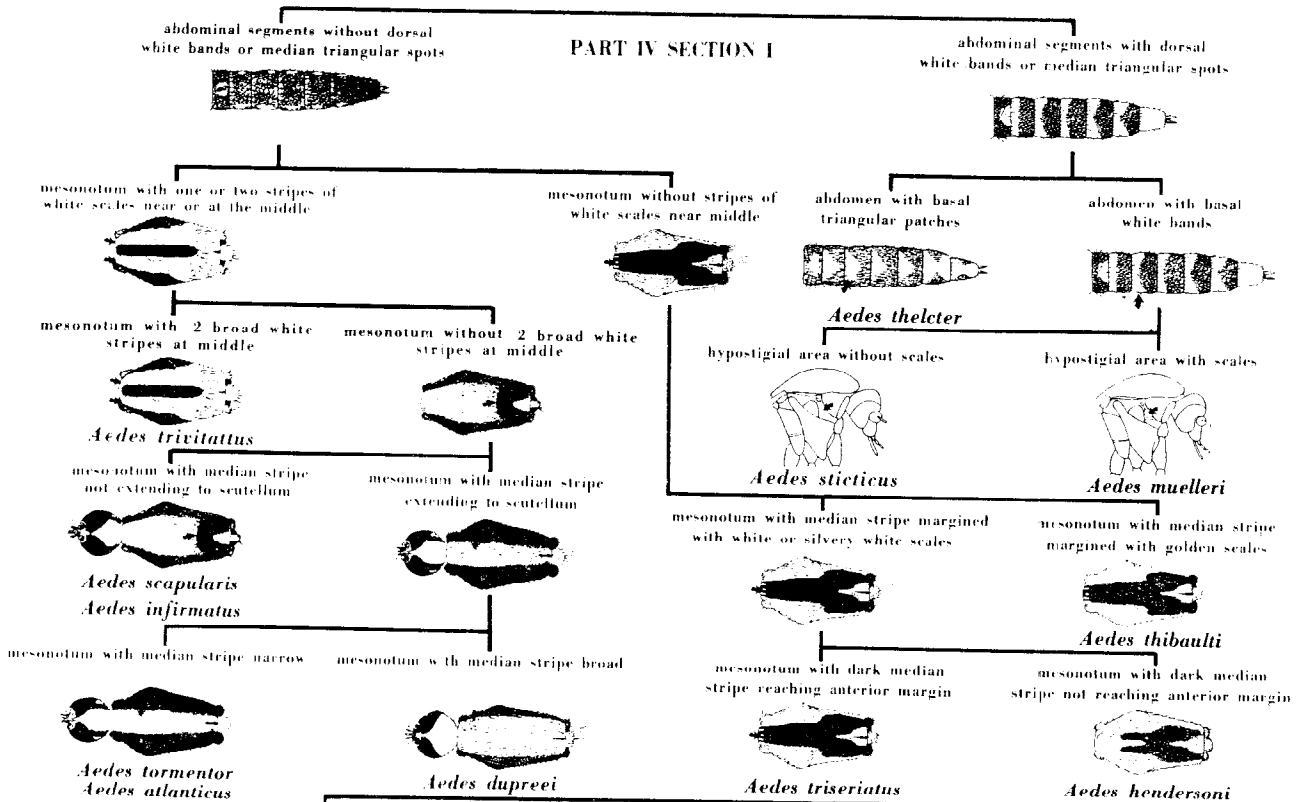


PART III

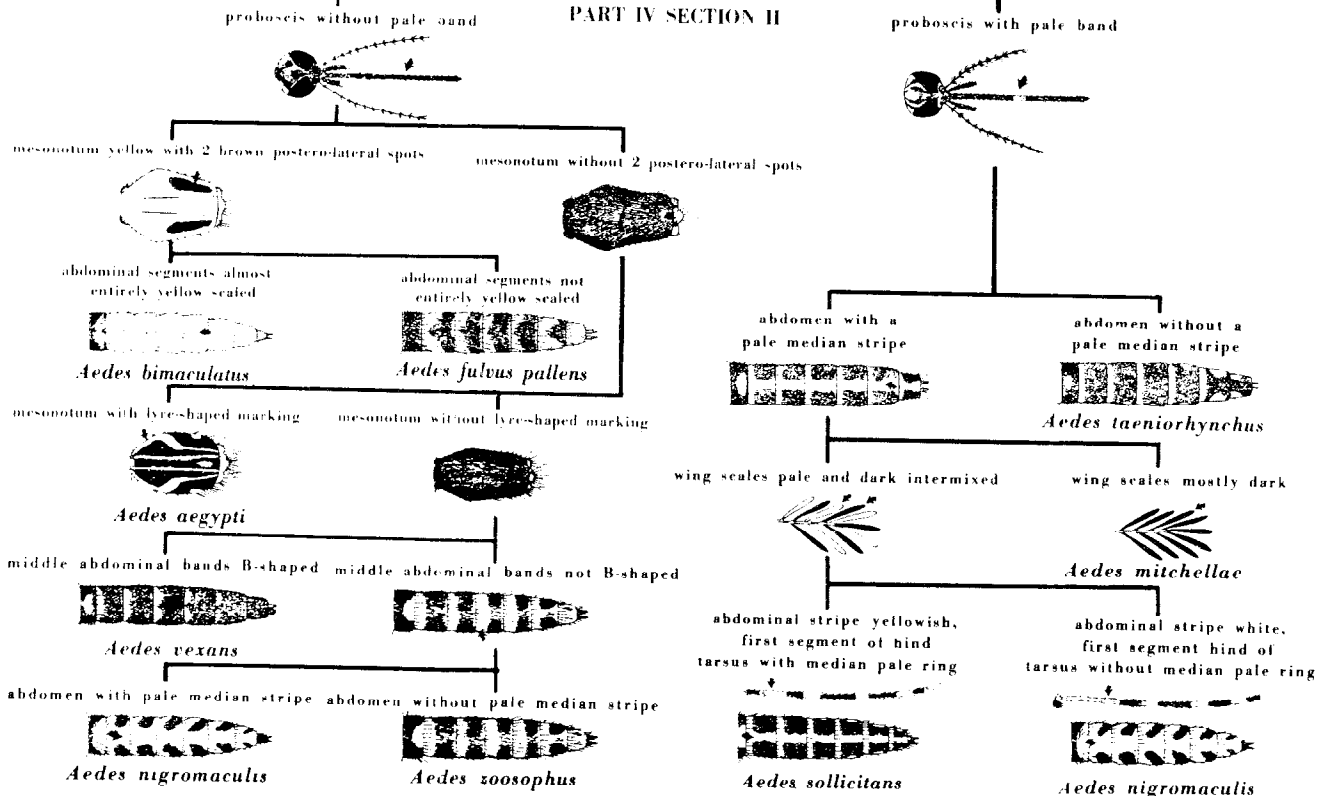


PART IV

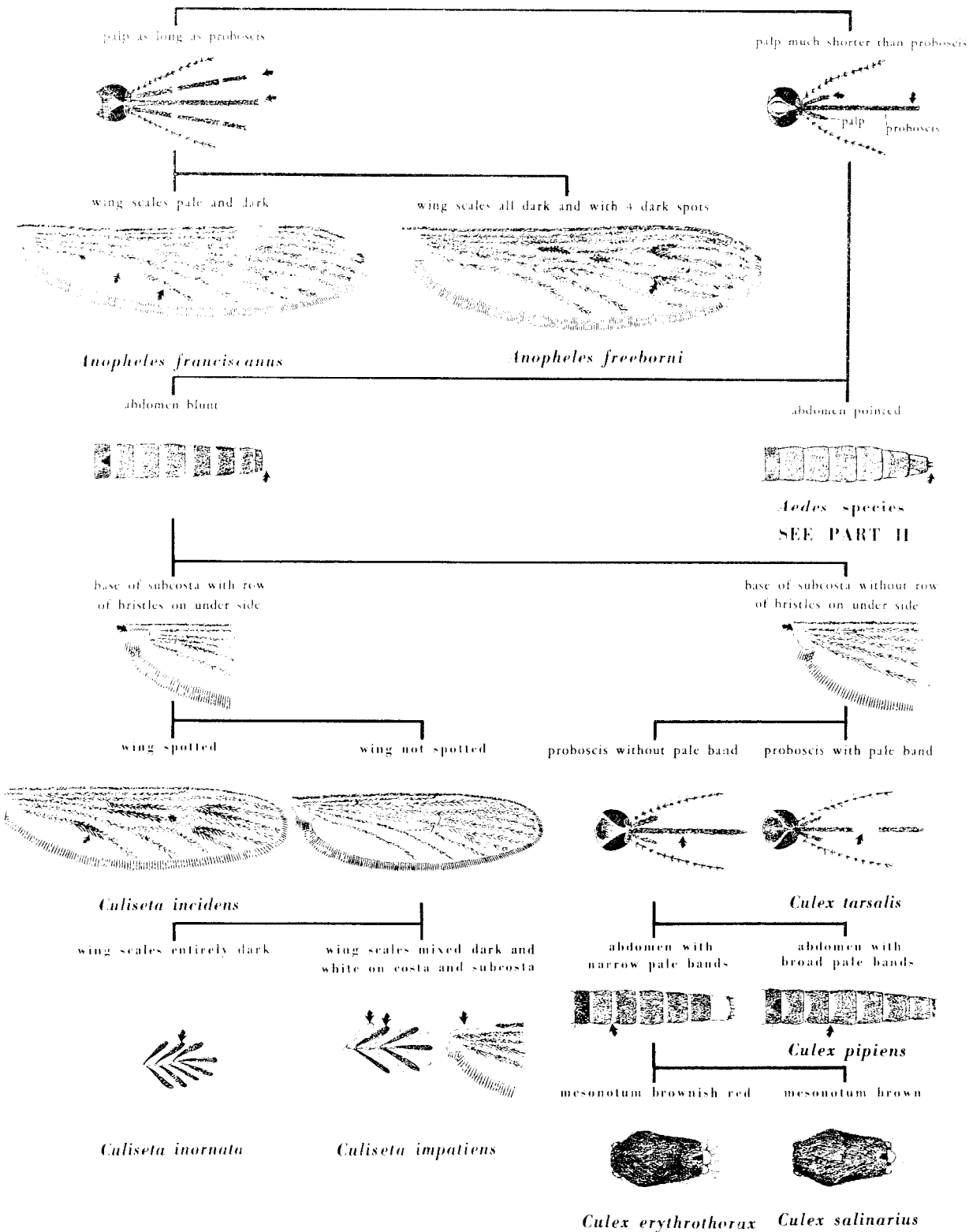
PART IV SECTION I



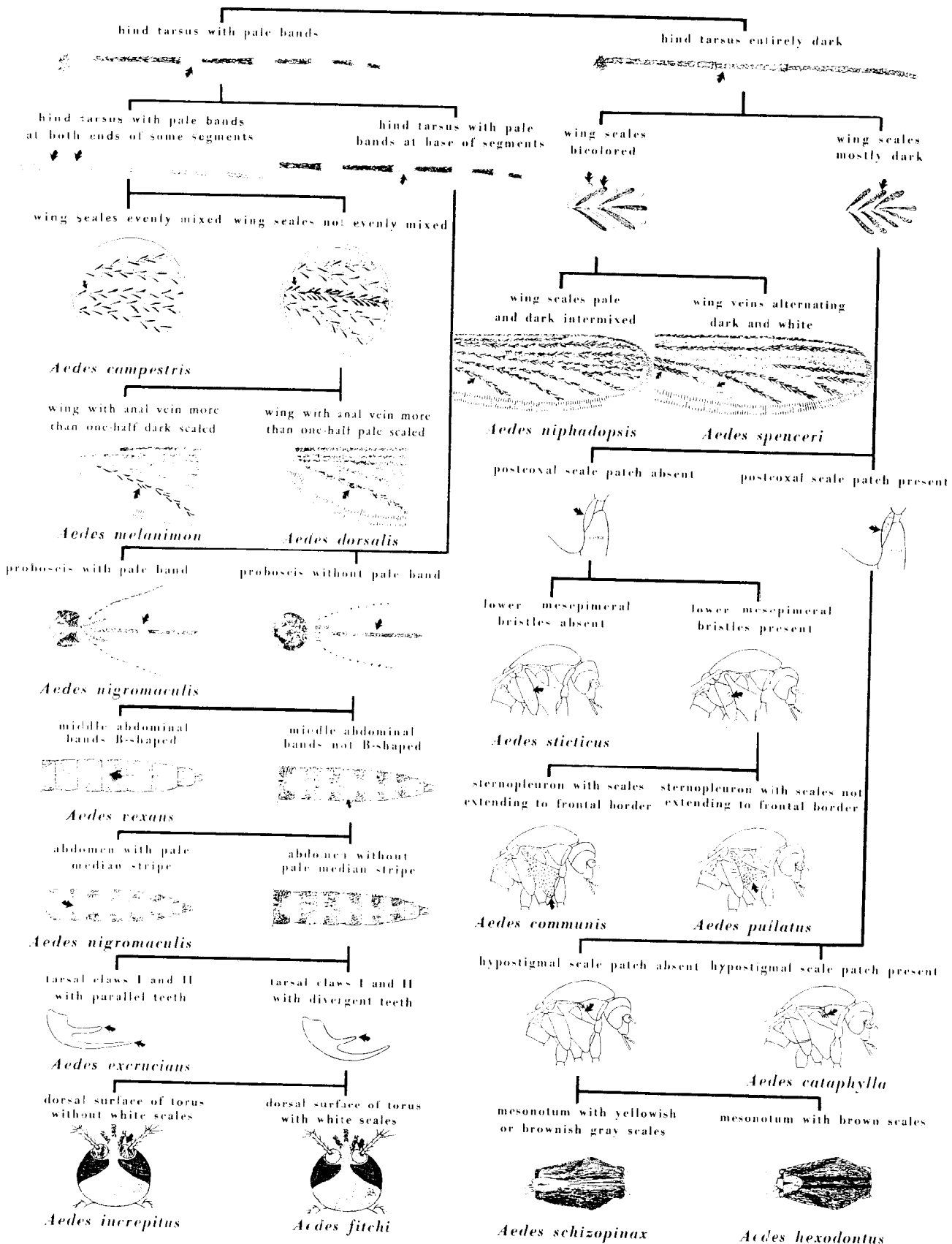
PART IV SECTION II



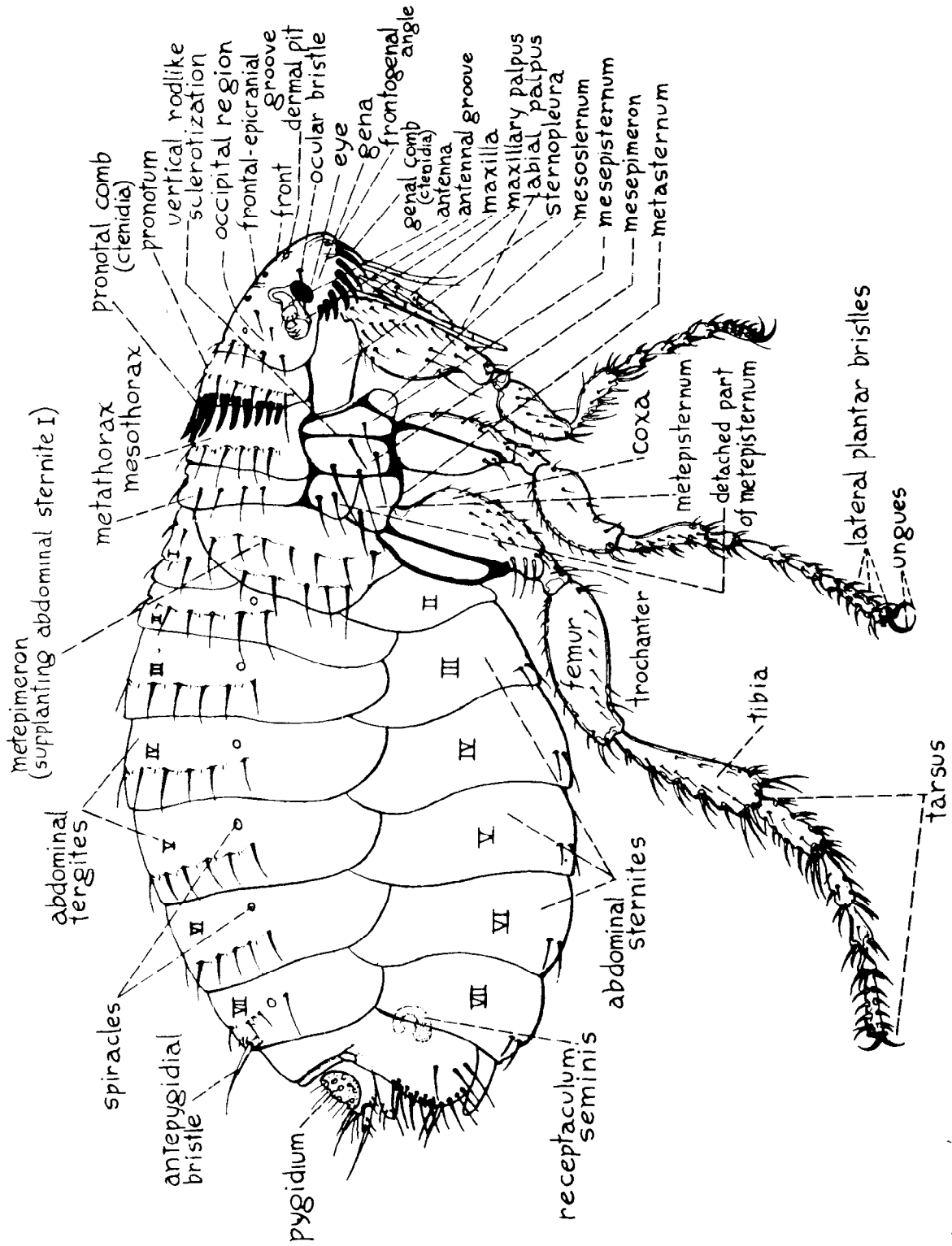
MOSQUITOES: PICTORIAL KEY TO SOME COMMON ADULTS (FEMALE) OF UTAH
 PART I
 Chester J. Stojanovich



PART II

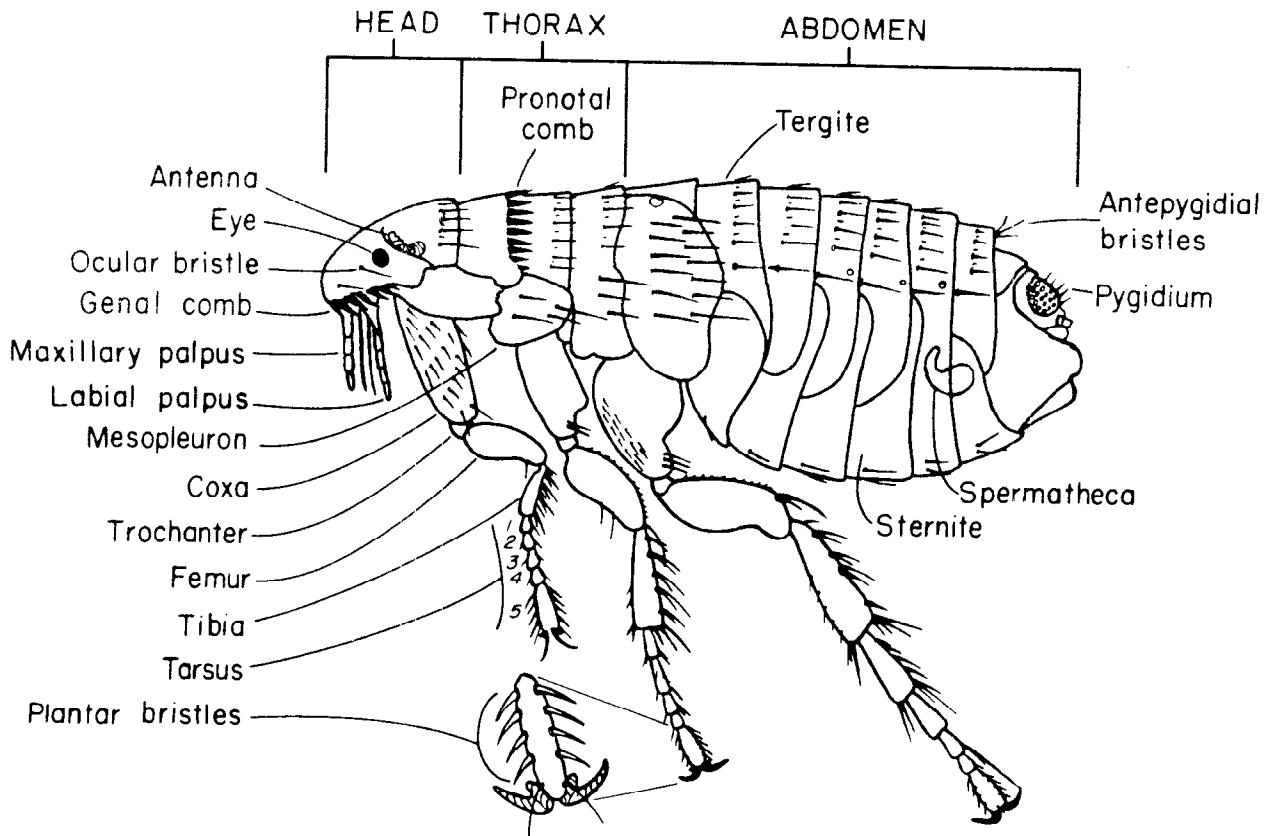


CAT FLEA - CTENOCEPHALIDES FELIS
adult female



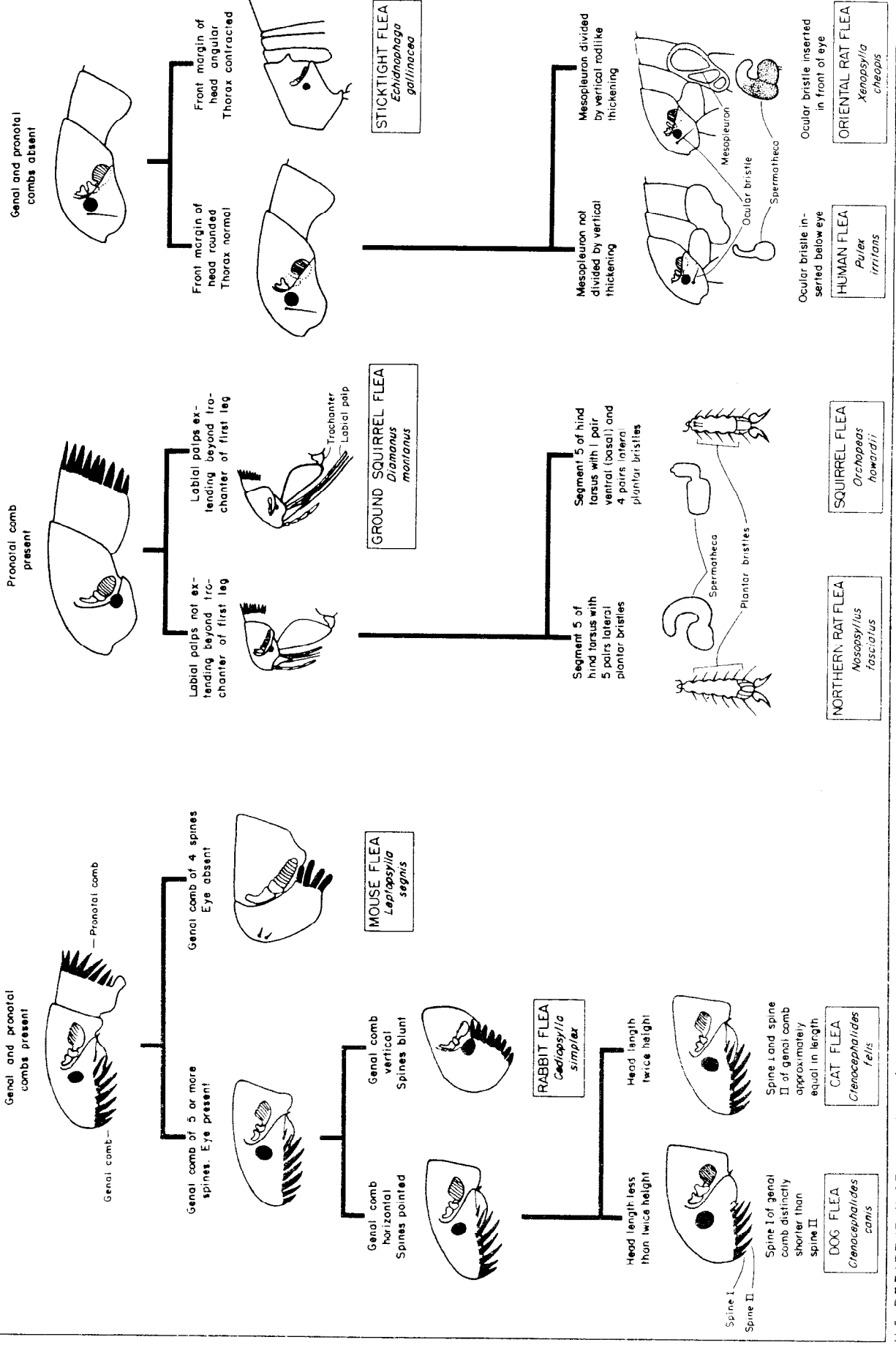
FLEA DIAGRAM – WITH STRUCTURES LABELED

Harry D. Pratt



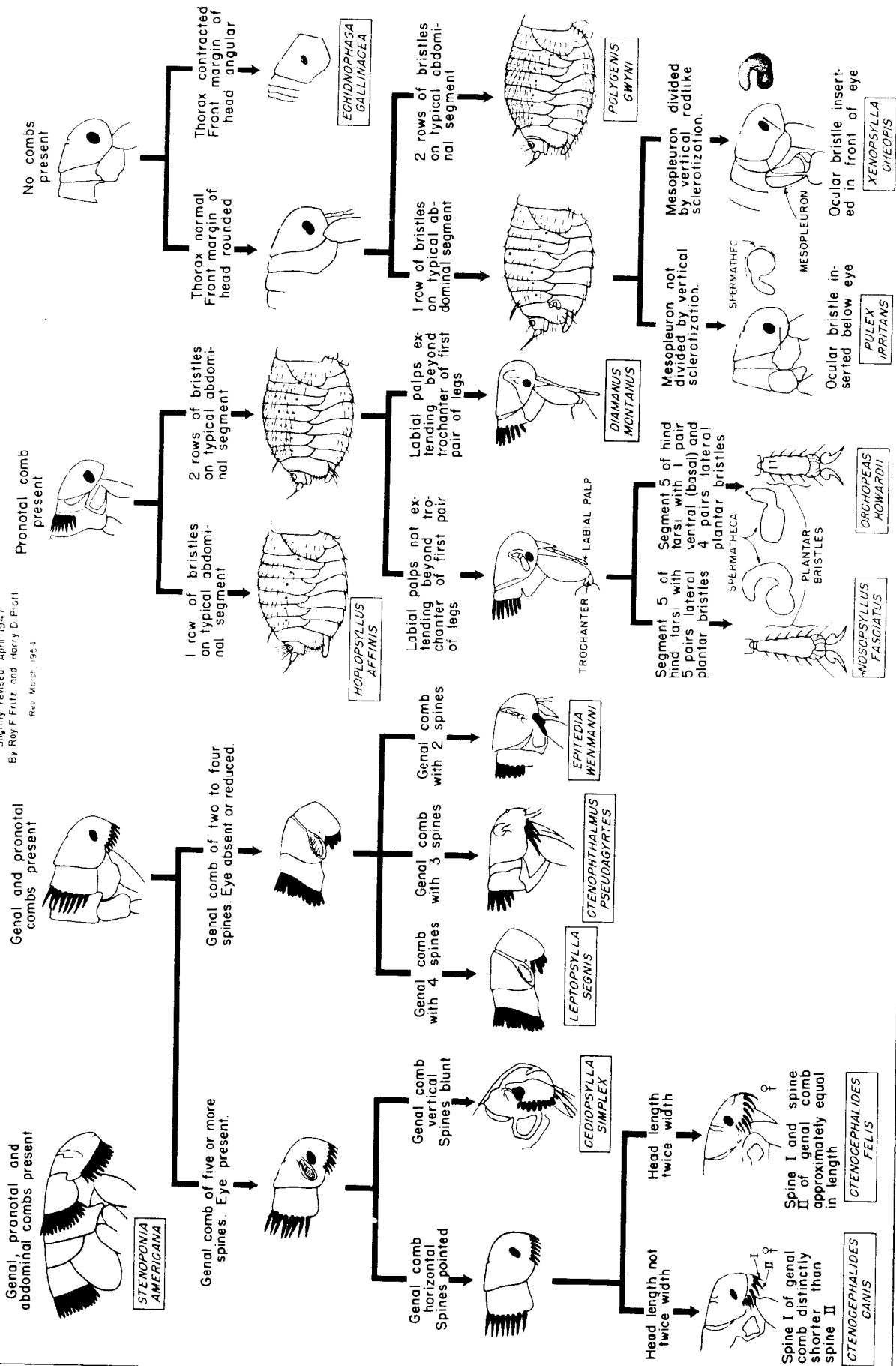
FLEAS: PICTORIAL KEY TO SOME COMMON SPECIES IN THE UNITED STATES

Harry D. Pratt



FLEAS: PICTORIAL KEY TO SPECIES FOUND ON DOMESTIC RATS IN SOUTHERN UNITED STATES

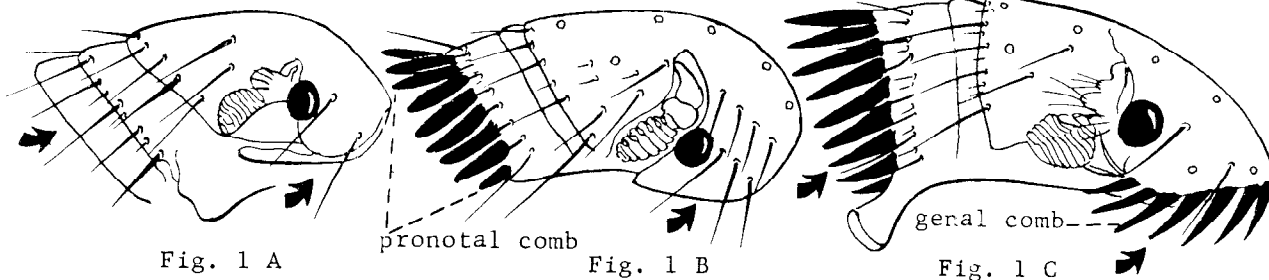
Slightly revised April 1947
 By Roy F. Fritz and Harry D. Pratt
 Rev. March, 1951



FLEAS ILLUSTRATED KEY TO SPECIES FOUND DURING PLAGUE INVESTIGATIONS
Harry D. Pratt and Chester J. Stojanovich

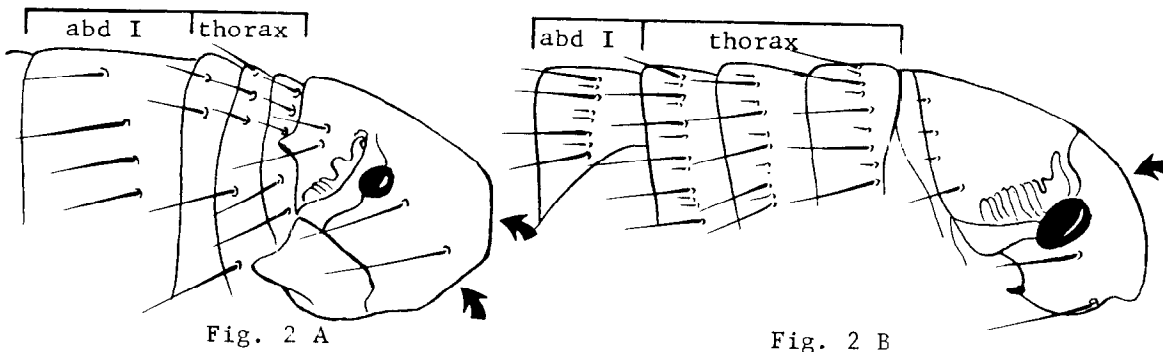
1. Pronotal and genal combs absent (Fig. 1 A).....2

Pronotal combs present; genal comb present or absent (Fig. 1 B & C)...5



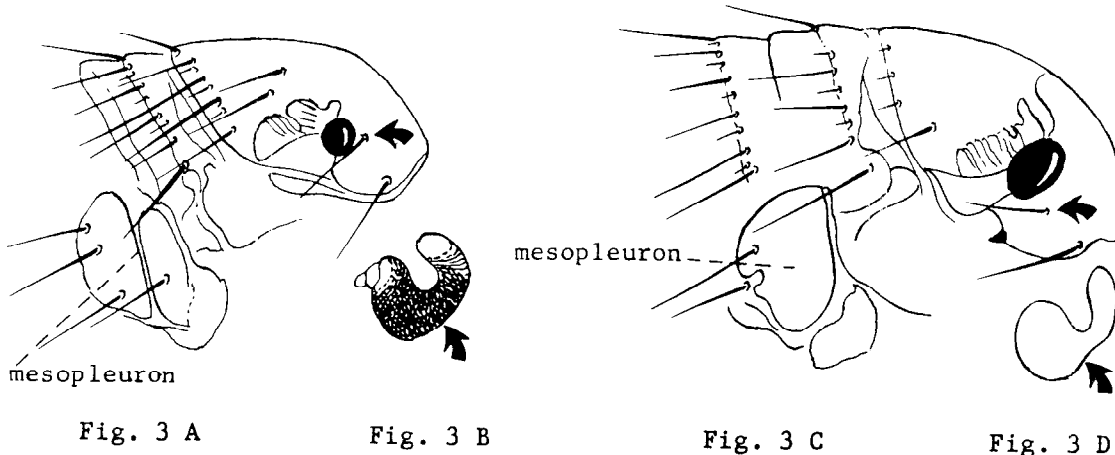
2. Front margin of head with two angles; three thoracic tergites together shorter than the first abdominal tergite (Fig. 2 A). (Echidnophaga gallinacea).....STICKTIGHT FLEA

Front margin of head rounded; three thoracic tergites together longer than the first abdominal tergite (Fig. 2 B).....3

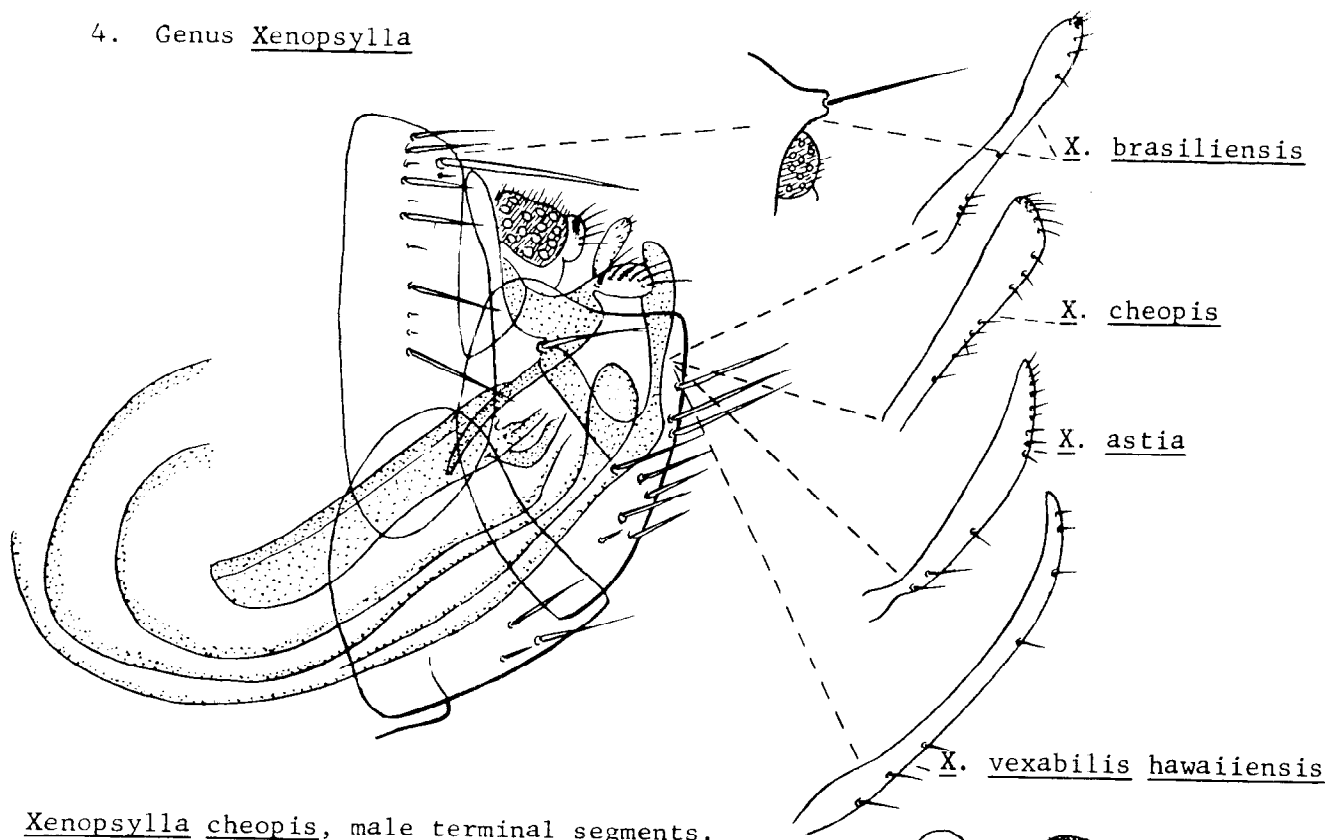


3. Ocular bristle in front of eye; mesopleuron divided by internal sclerotization; female with spermatheca partially pigmented (Fig. 3 A & B)...
(Genus Xenopsylla).....4

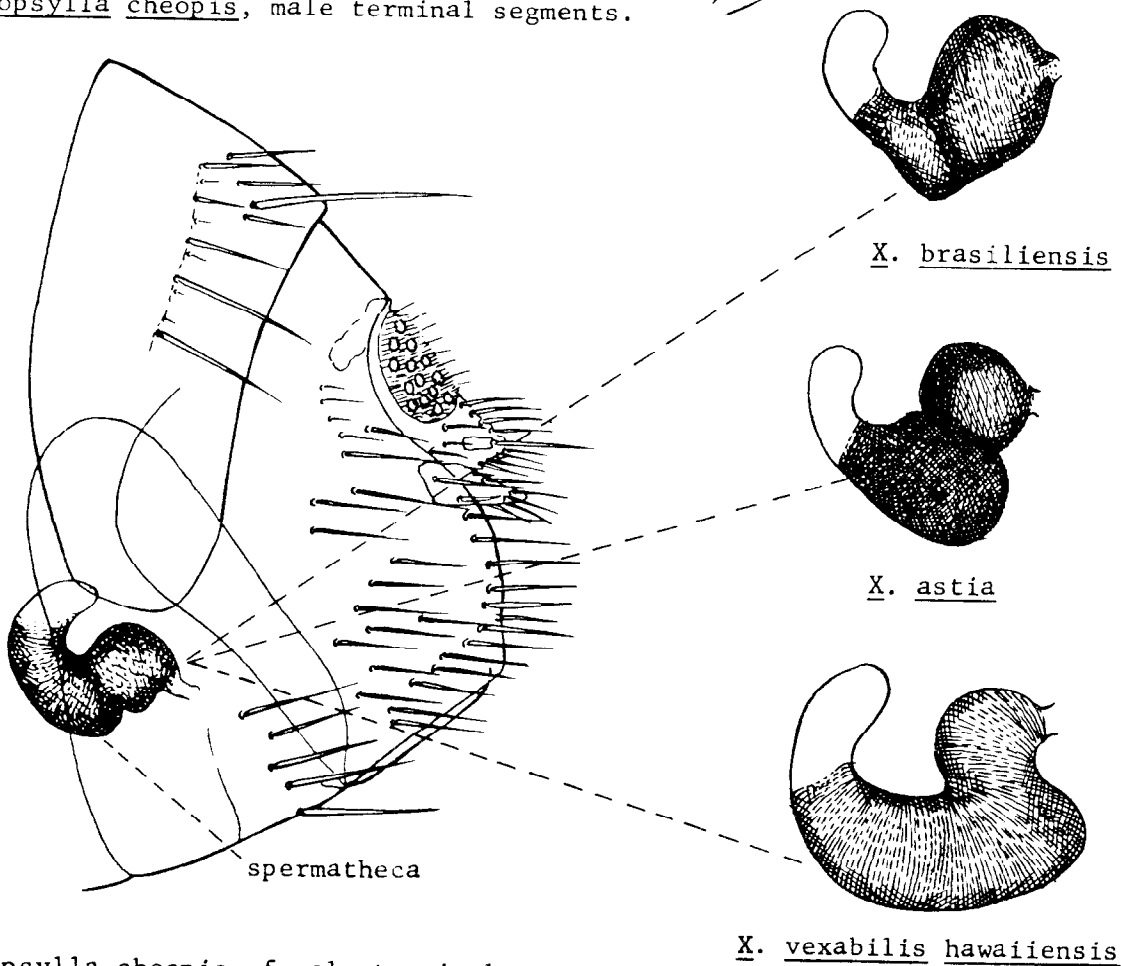
Ocular bristle beneath eye; mesopleuron without internal sclerotization; female with spermatheca entirely without pigment (Fig. 3 C & D).....
 (Pulex irritans).....HUMAN FLEA



4. Genus Xenopsylla



Xenopsylla cheopis, male terminal segments.



Xenopsylla cheopis, female terminal segments

X. vexabilis hawaiiensis

- 5. Genal comb absent (Fig. 5 A).....6
- Genal comb present (Fig. 5 B).....8

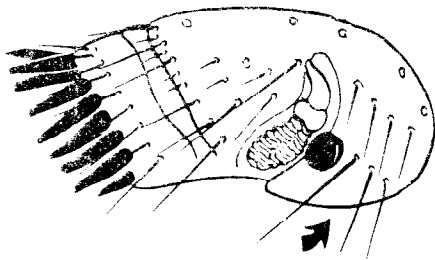


Fig. 5 A

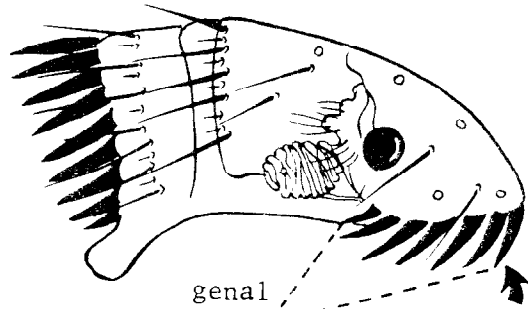


Fig. 5 B

genal
comb

- 6. Pronotal comb with about 12 teeth on each side (Fig. 6 A). India.....
.....Stivalius ahalae

- Pronotal comb with 5 to 10 teeth on each side (Fig. 6 B).....7

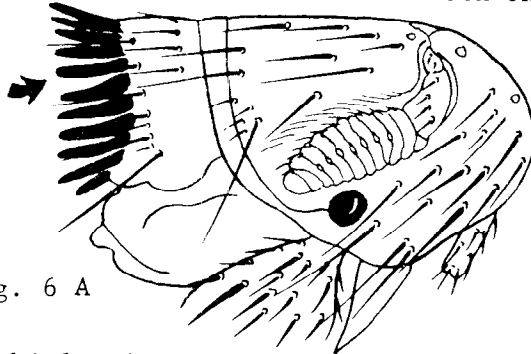


Fig. 6 A

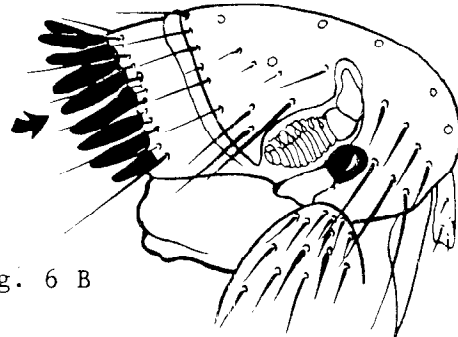


Fig. 6 B

- 7. Labial palpus long, extending beyond trochanter of first leg (Fig. 7 A).
Diamanus montanus.....ROCK SQUIRREL FLEA

- Labial palpus short, not extending to tip of coxa of first leg (Fig. 7 B).
Nosopsyllus fasciatus.....NORTHERN RAT FLEA

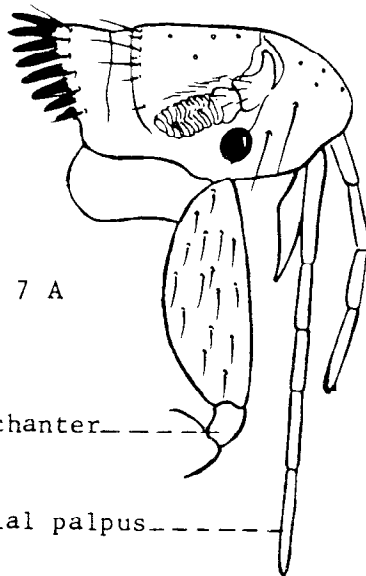


Fig. 7 A

trochanter-----

labial palpus-----

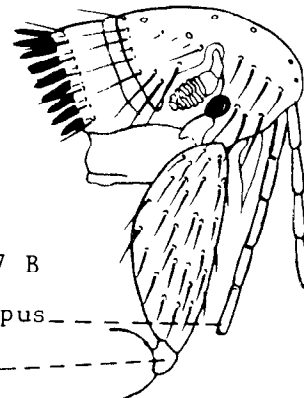


Fig. 7 B

labial palpus-----

trochanter-----

3. Genal comb with two teeth (Fig. 8 A).....(Genus Neopsylla)
Neopsylla setosa important in U. S. S. R., Mongolia and Manchuria.

Genal comb with three teeth (Fig. 8 B).....(Genus Ctenophthalmus)
Ctenophthalmus breviatus and pollex potential vectors in U. S. S. R.

Genal comb with four teeth (Fig. 8 C).....(Genus Leptopsylla)
Leptopsylla segnis is cosmopolitan.

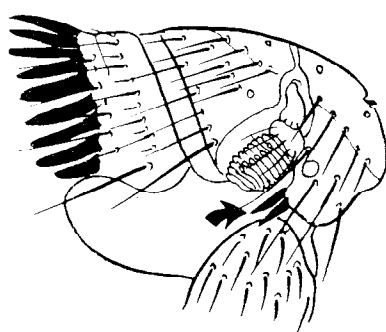


Fig. 8 A

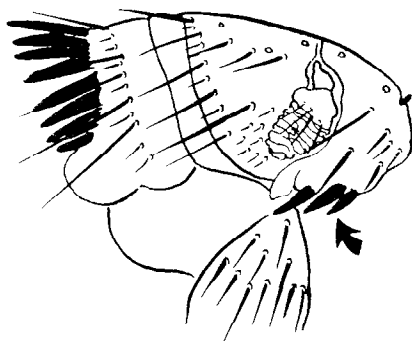


Fig. 8 B

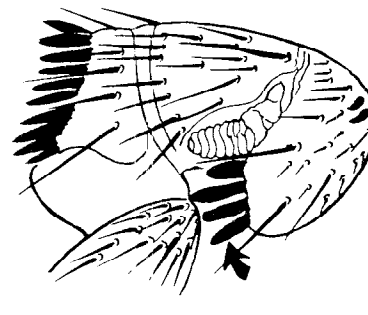


Fig. 8 C

Genal comb with more than five teeth.....(Genus Ctenocephalides). 9

9. Head strongly rounded anteriorly; first spine of genal comb about half as long as second; hind tibia with the spiniform setae A and B (Fig. 9 A & B).
Ctenocephalides canis.....DOG FLEA

Head not strongly convex anteriorly; first spine of genal comb almost as long as second spine; hind tibia with spiniform seta B, spiniform seta A replaced by a minute seta which may be absent in some specimens (Fig. 9 C & D).
Ctenocephalides felis.....CAT FLEA

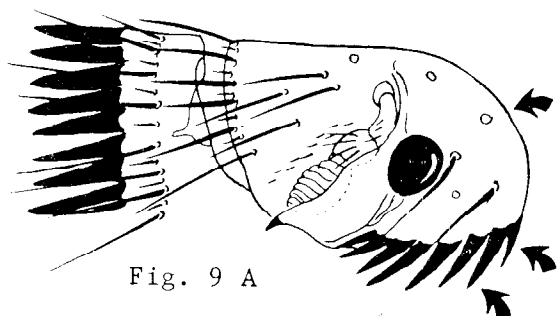


Fig. 9 A

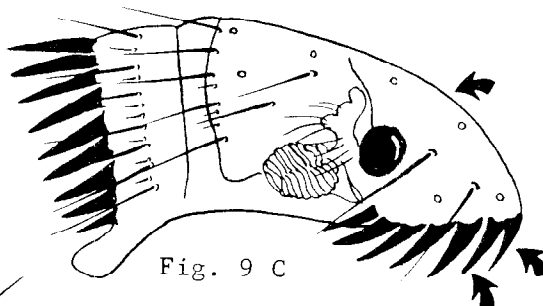


Fig. 9 C

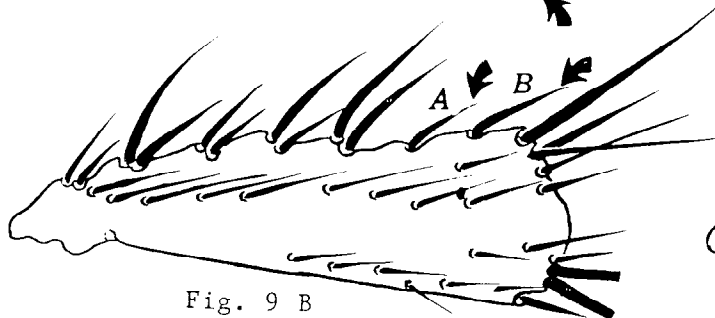


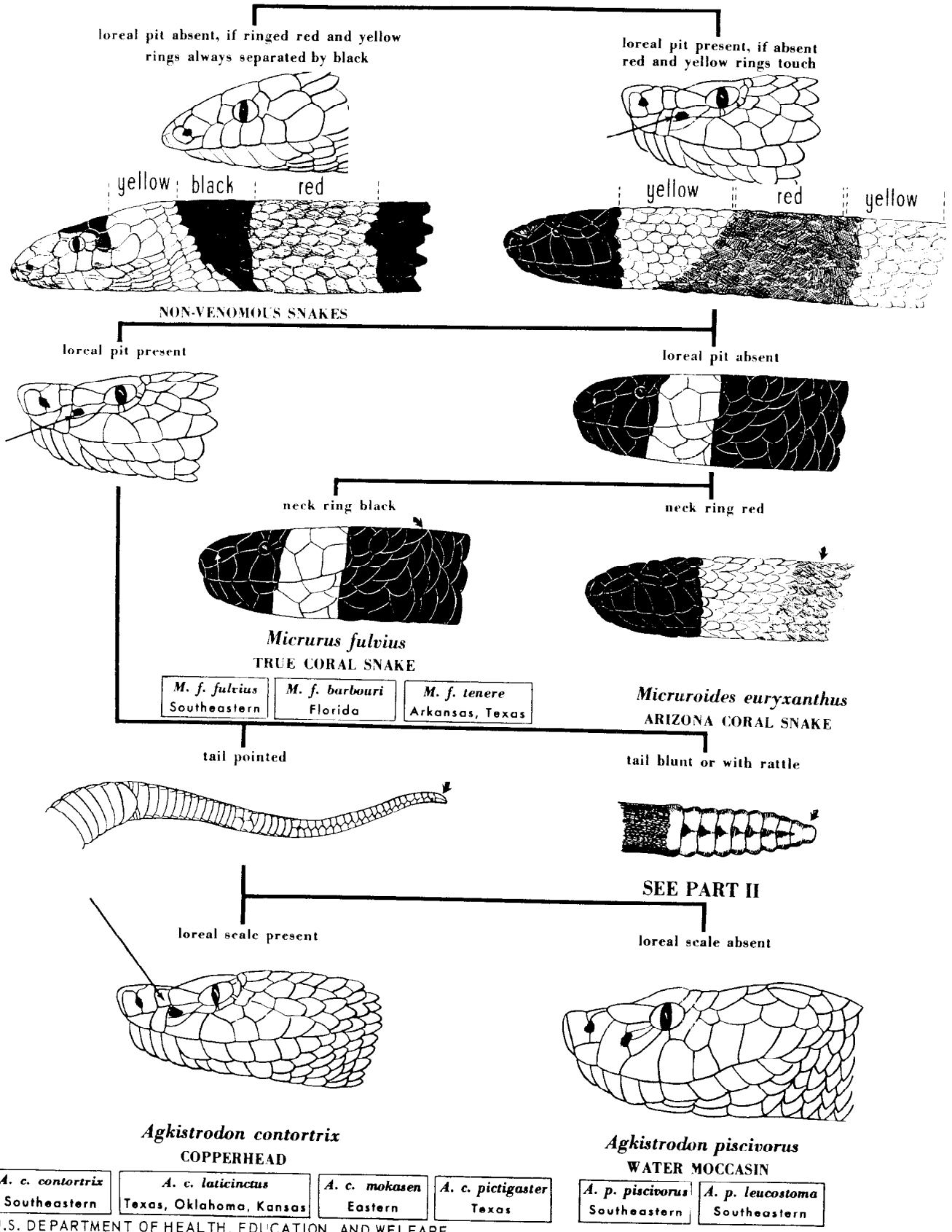
Fig. 9 B



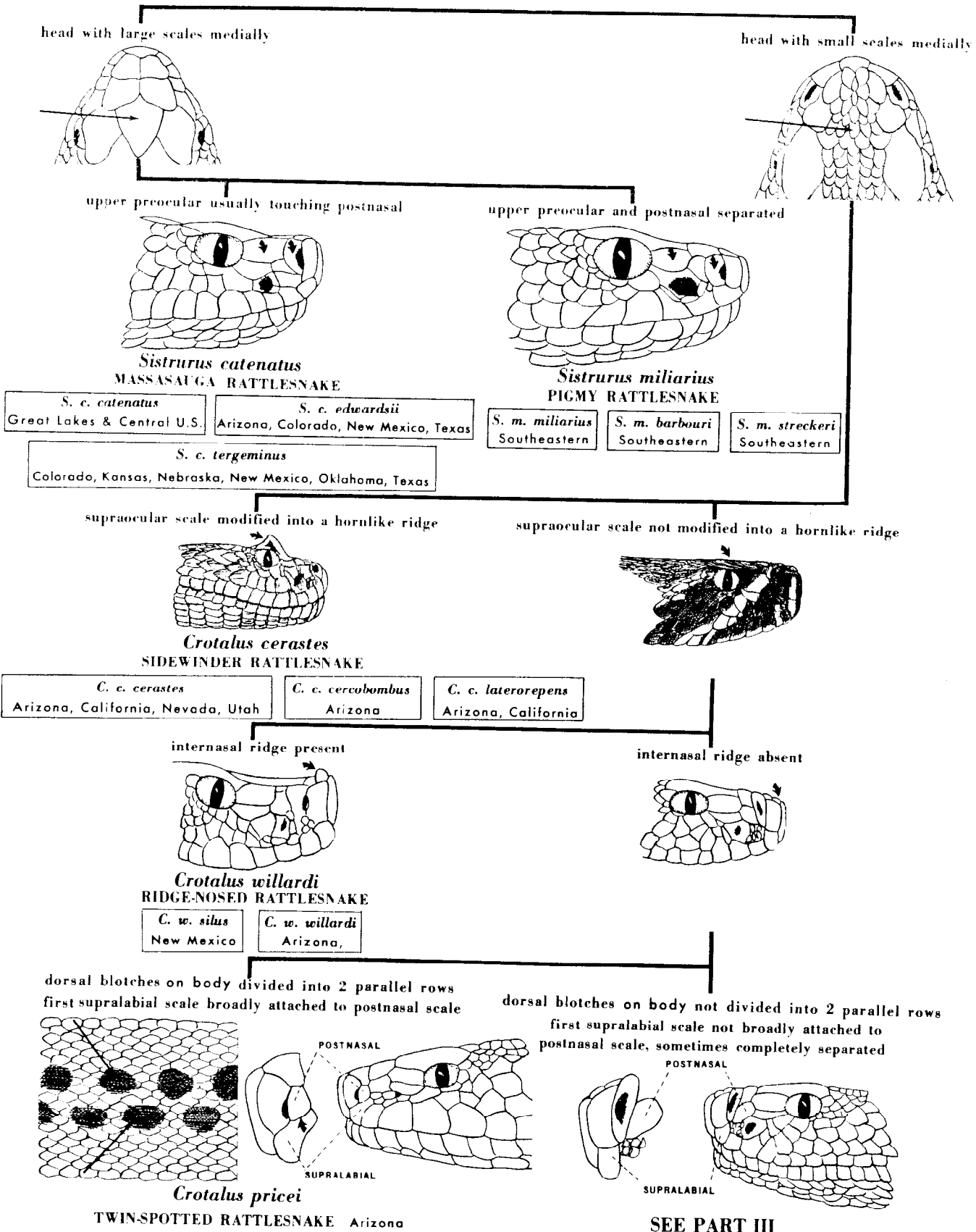
Fig. 9 D

SNAKES: PICTORIAL KEY TO VENOMOUS SPECIES IN UNITED STATES
PART I

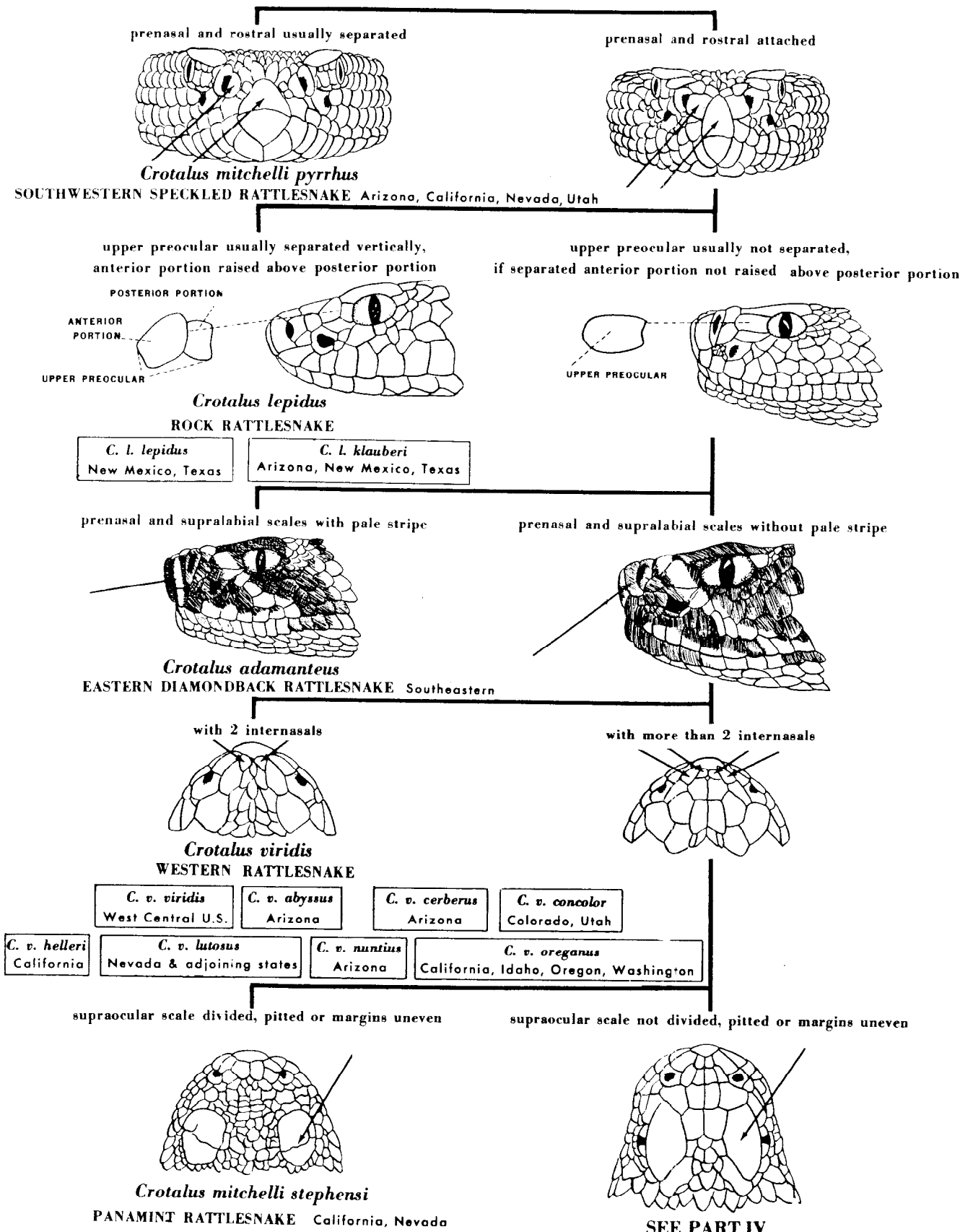
Chester J. Stojanovich and Margaret A. Parsons



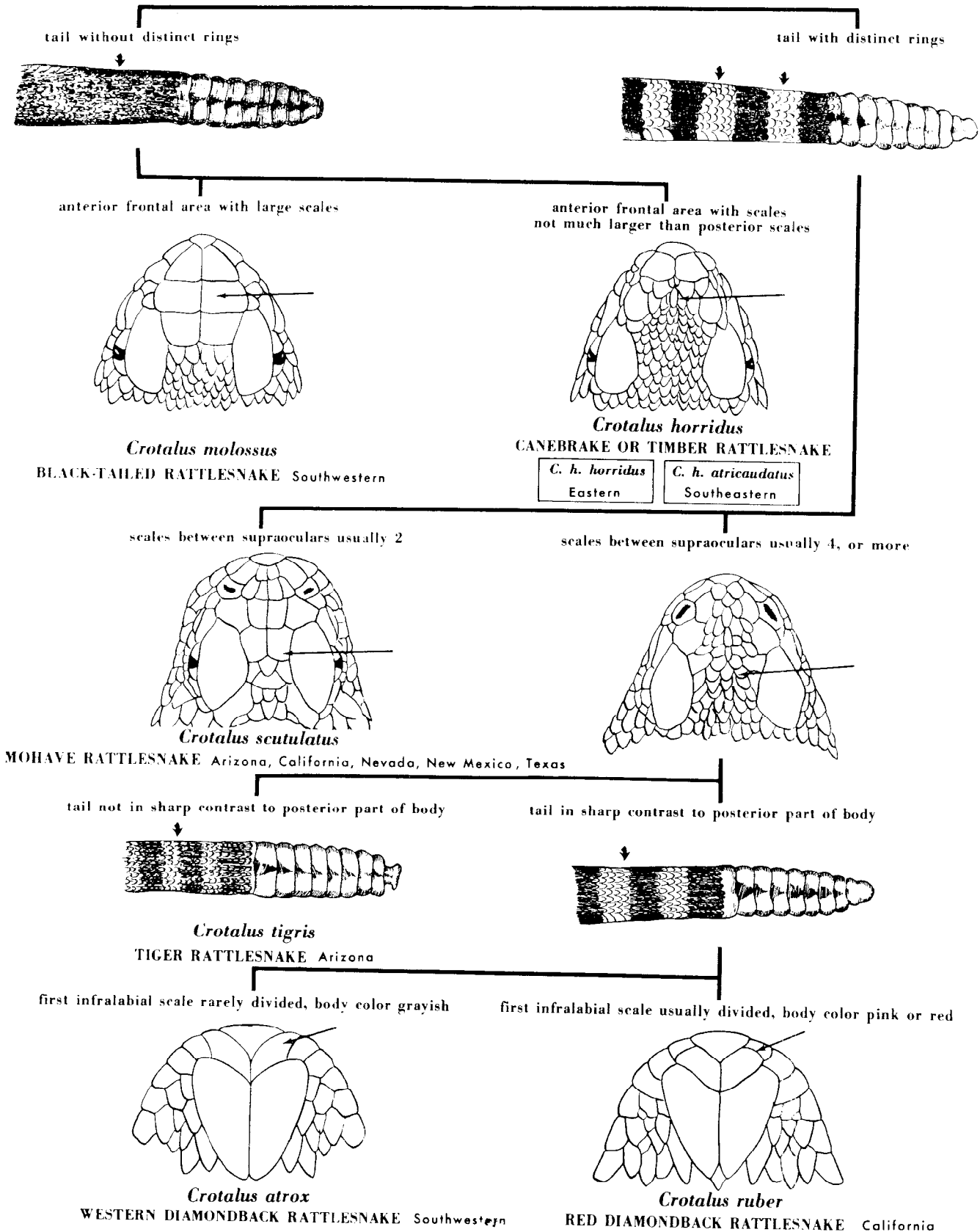
PART II



PART III

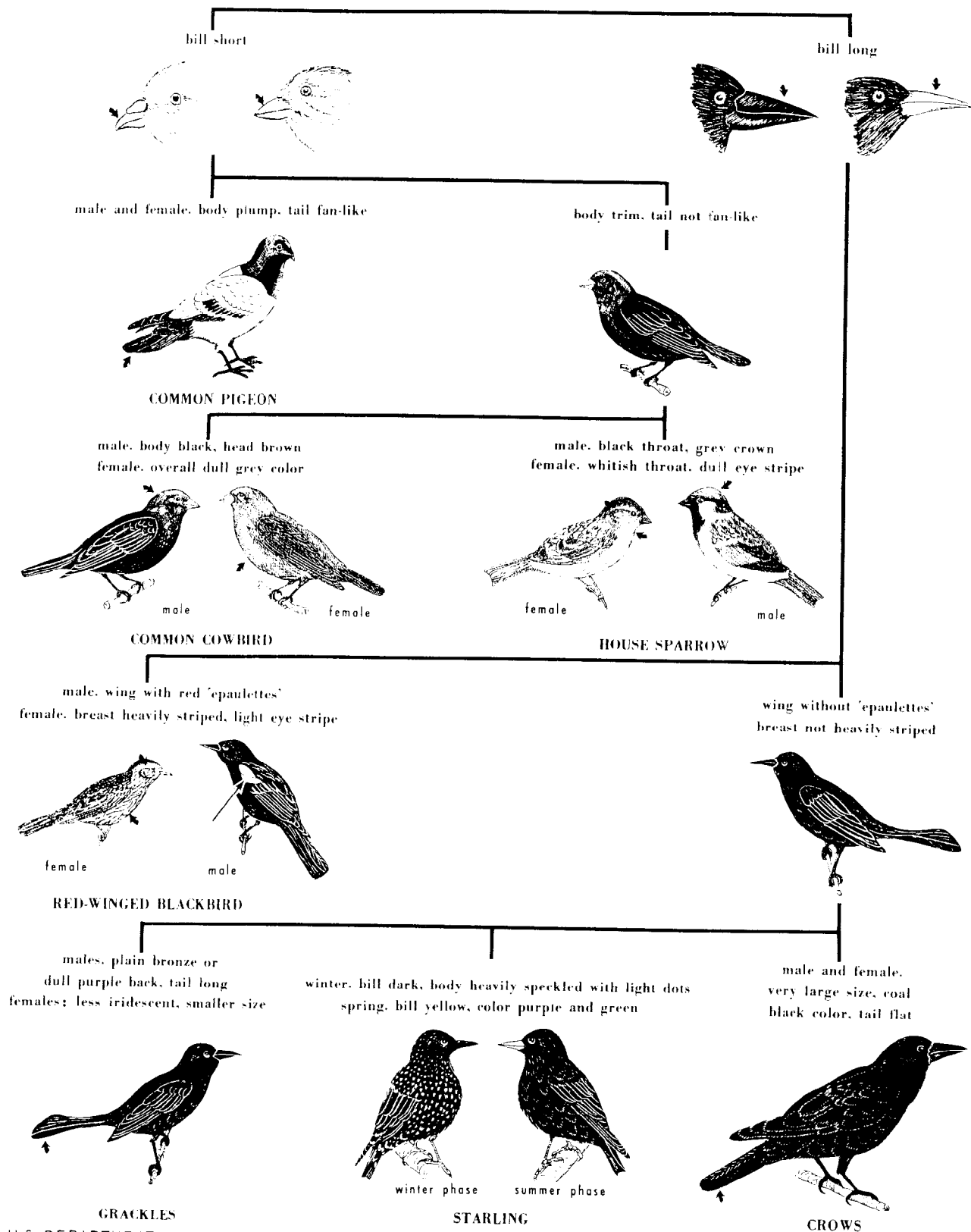


PART IV



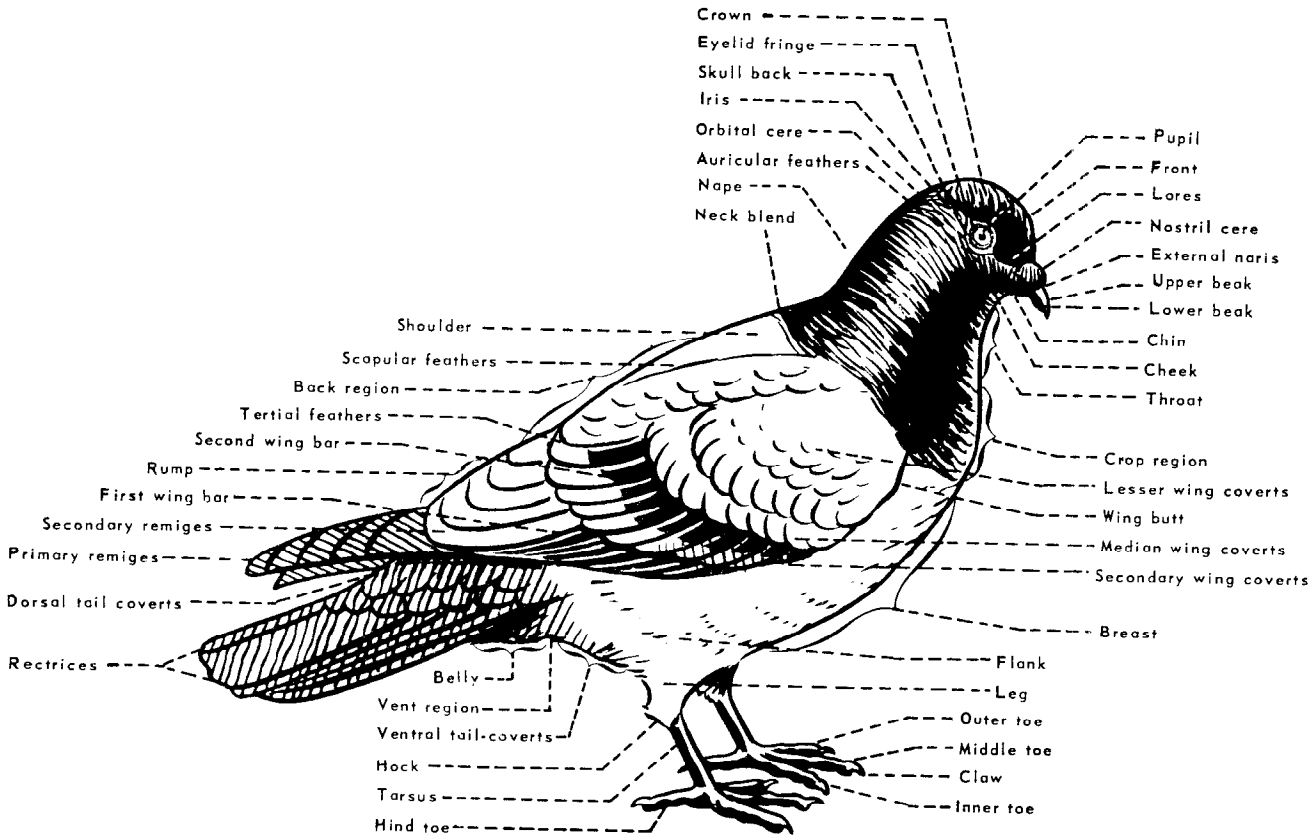
**BIRDS: PICTORIAL KEY TO SOME COMMON PEST SPECIES
OF PUBLIC HEALTH IMPORTANCE**

Margaret A. Parsons and Chester J. Stojanovich

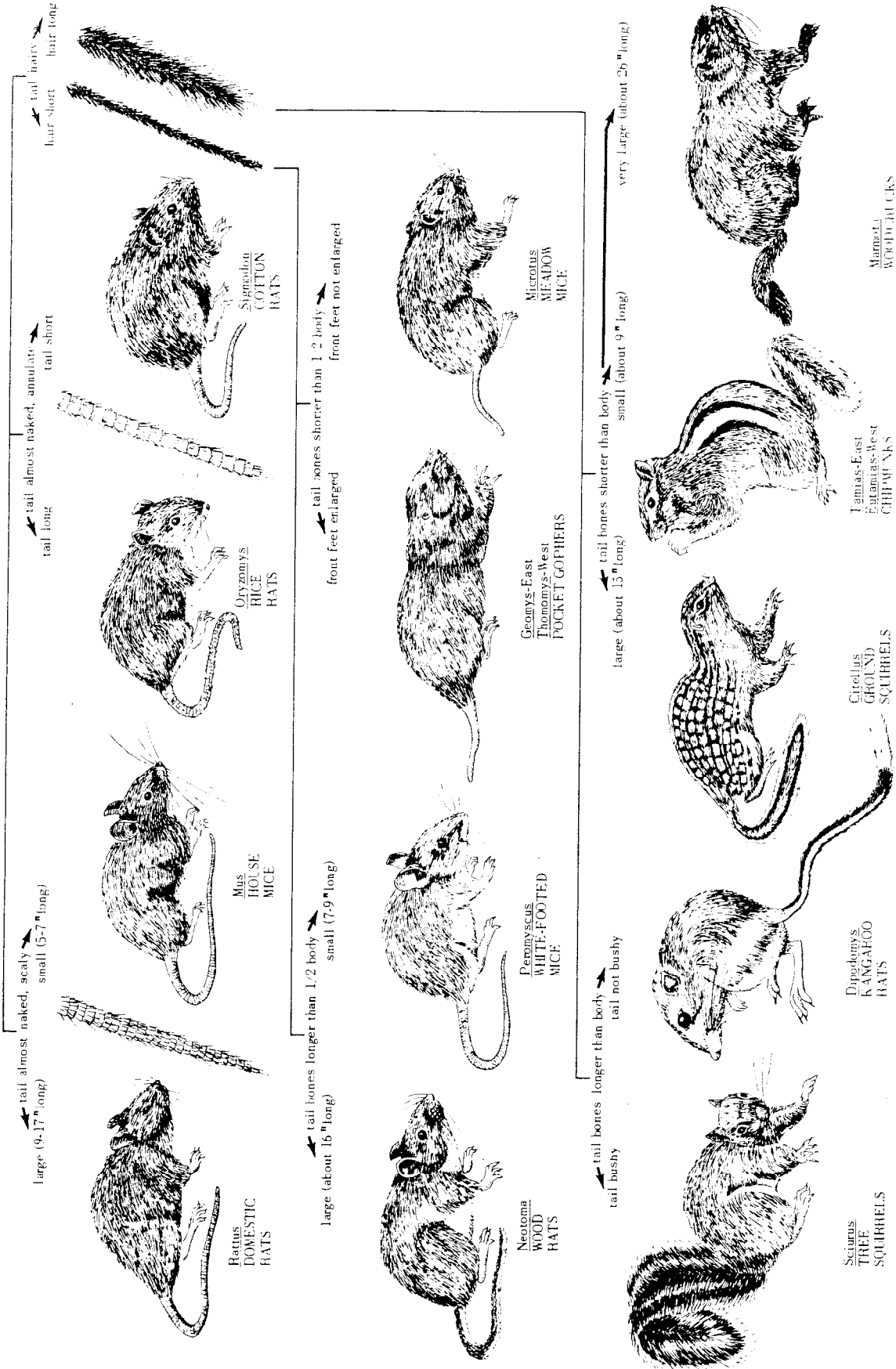


PIGEON, COLUMBA LIVIA – EXTERNAL MORPHOLOGY

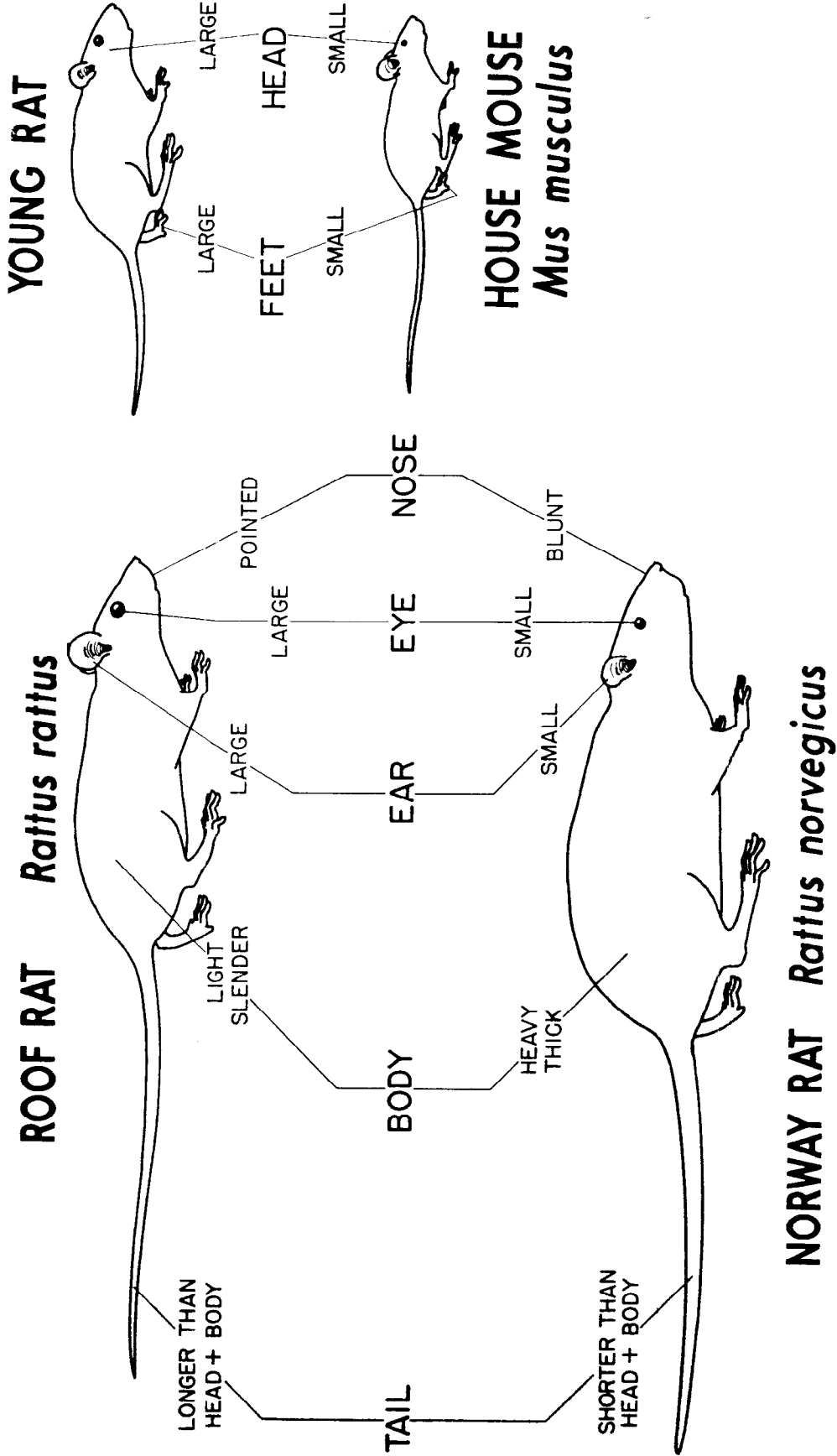
Harold George Scott and Walter S. Dougherty



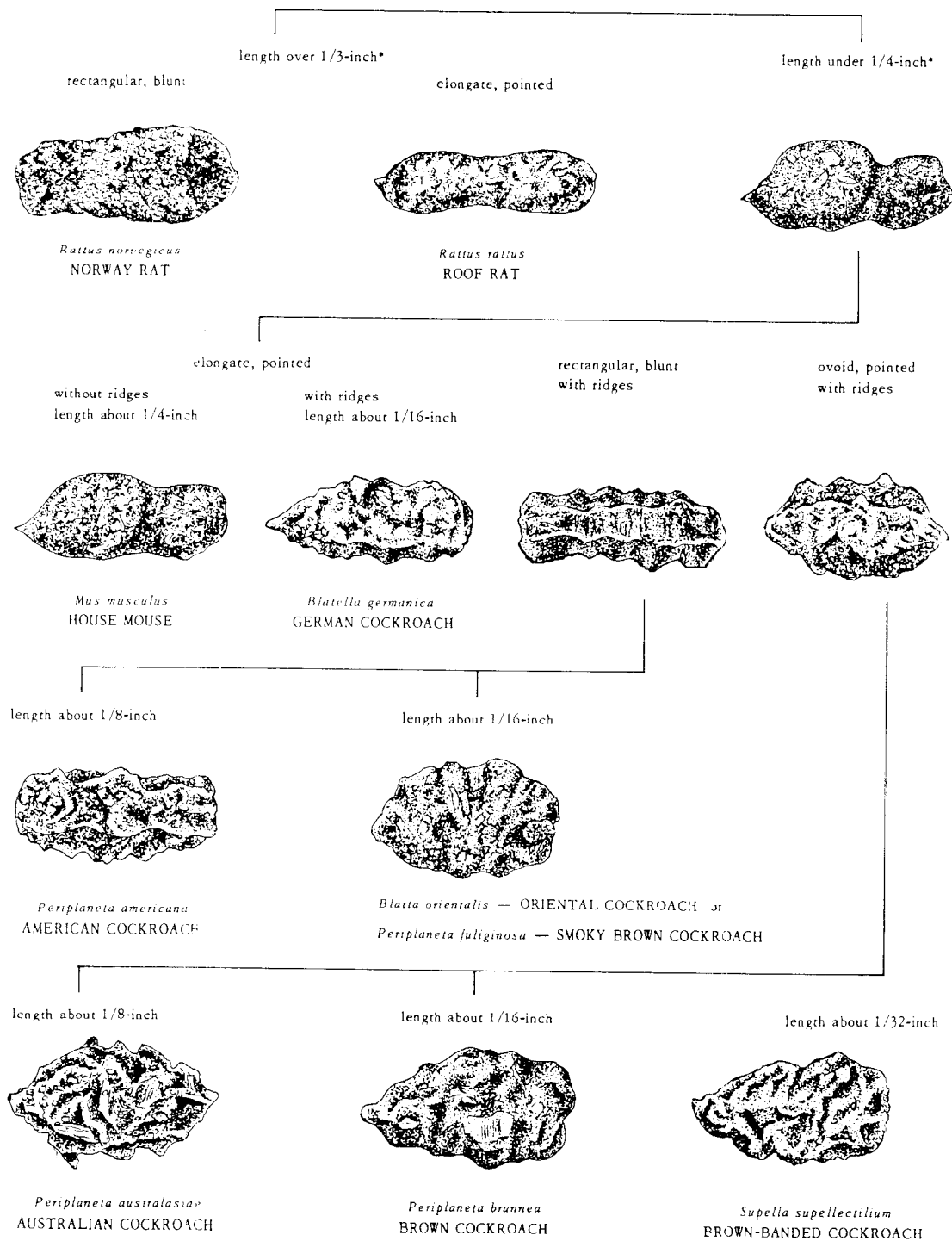
RODENTS: PICTORIAL KEY TO SOME COMMON UNITED STATES GENERA
 Harold George Scott and Margery R. Borom



DOMESTIC RODENT FIELD IDENTIFICATION
Robert Z. Brown



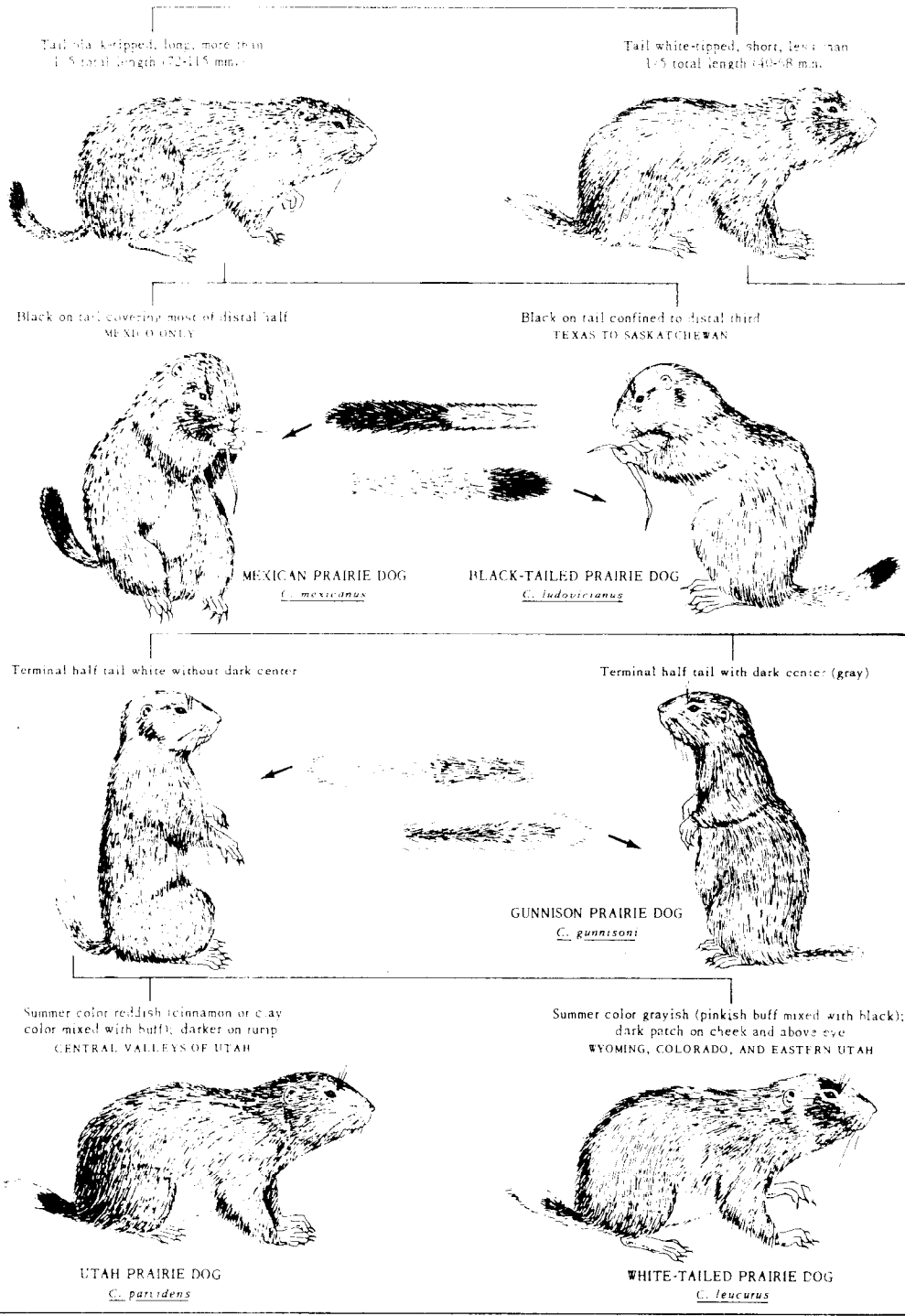
DOMESTIC RODENTS AND COCKROACHES: PICTORIAL KEY TO DROPPINGS
Harold George Scott and Margery R. Borom



*All characteristics for average, dry, adult droppings. Study groups, not individual droppings.

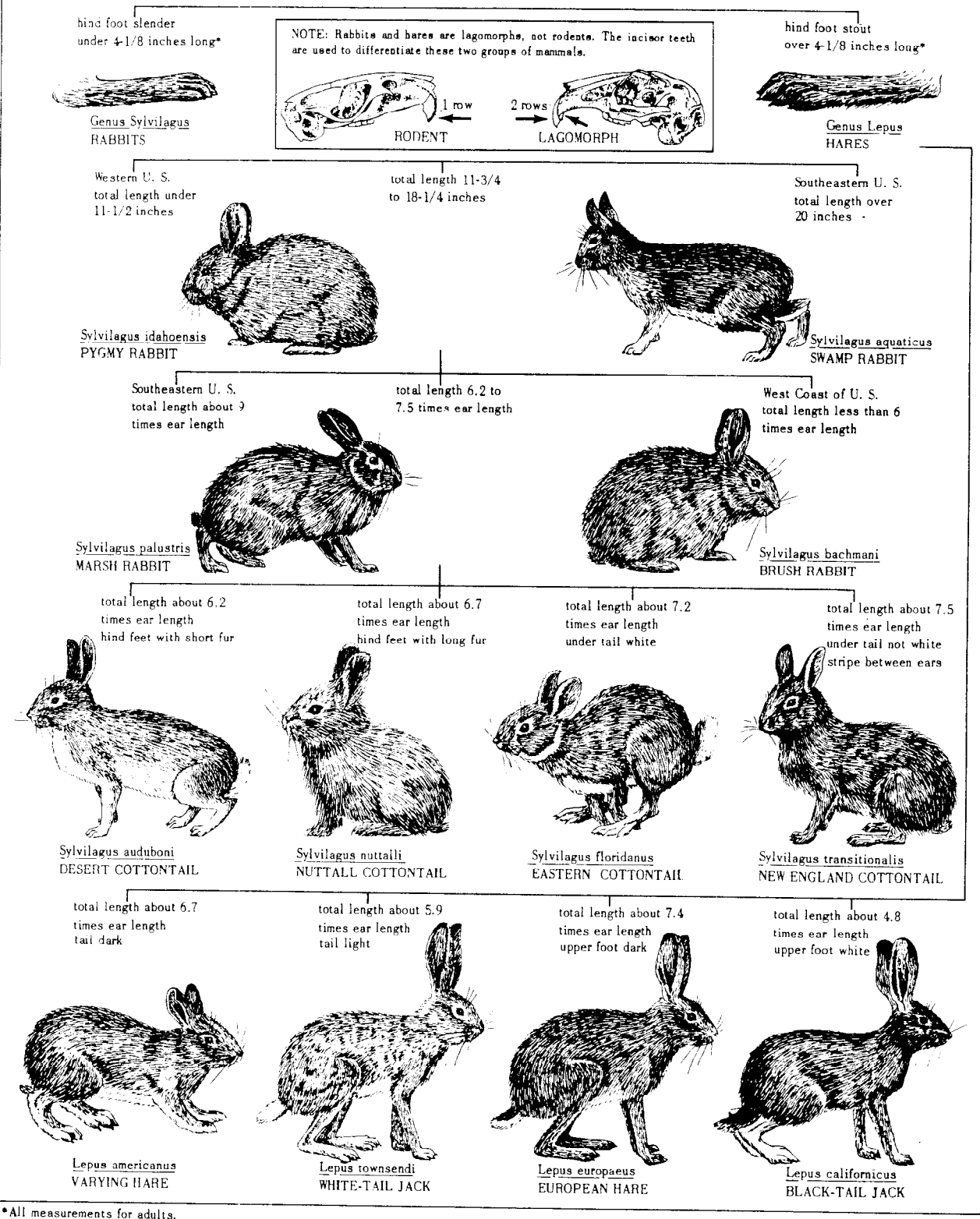
PRAIRIE DOGS: PICTORIAL KEY TO COMMON NORTH AMERICAN SPECIES
(*Cynomys*)

Harry Weinburgh and Margery R. Borom



RABBITS AND HARES: PICTORIAL KEY TO COMMON UNITED STATES SPECIES

Harold George Scott and Margery R. Borom



*All measurements for adults.