

A Pictorial Key to Orders of Adult Insects Present on Guam

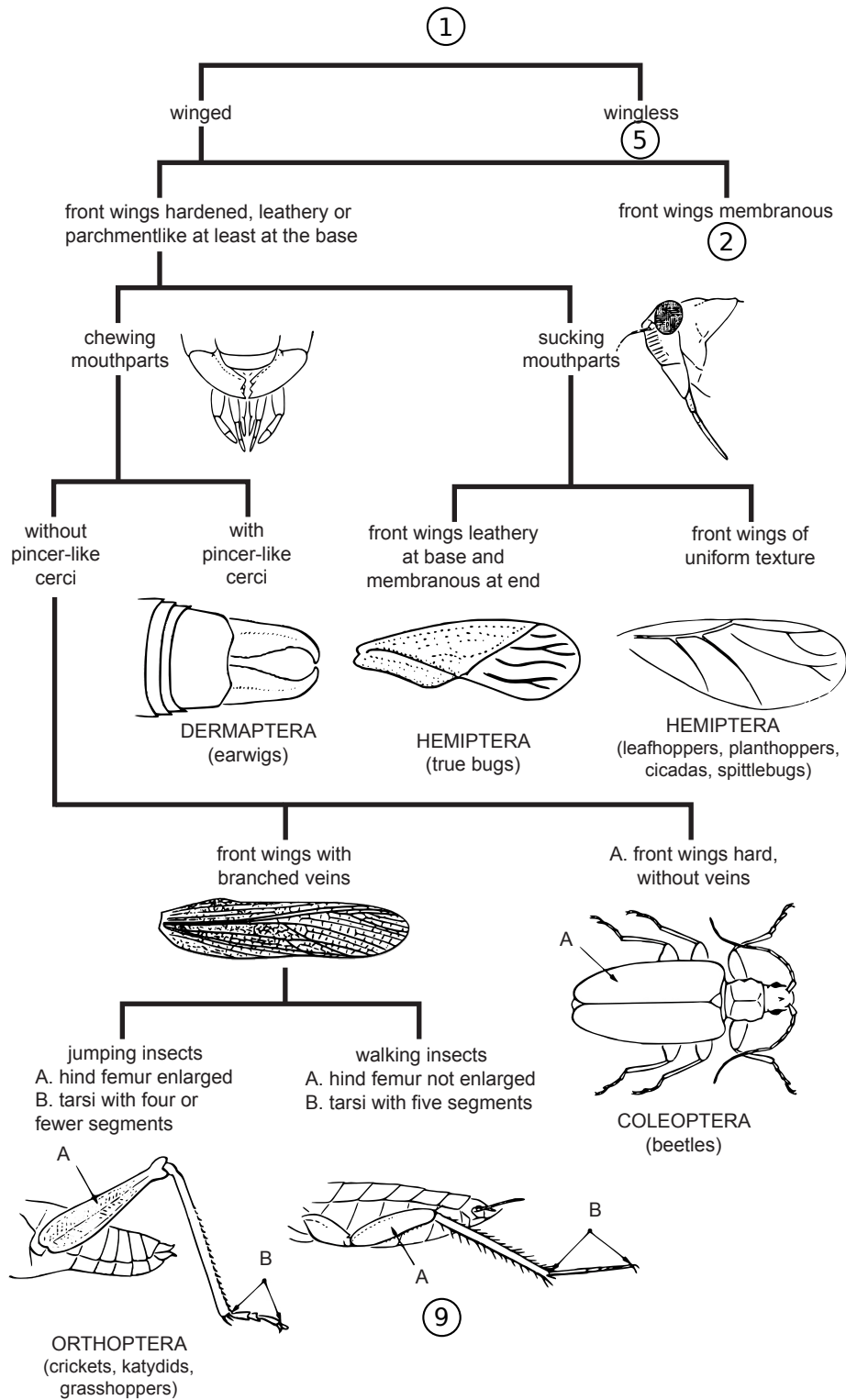
Aubrey Moore

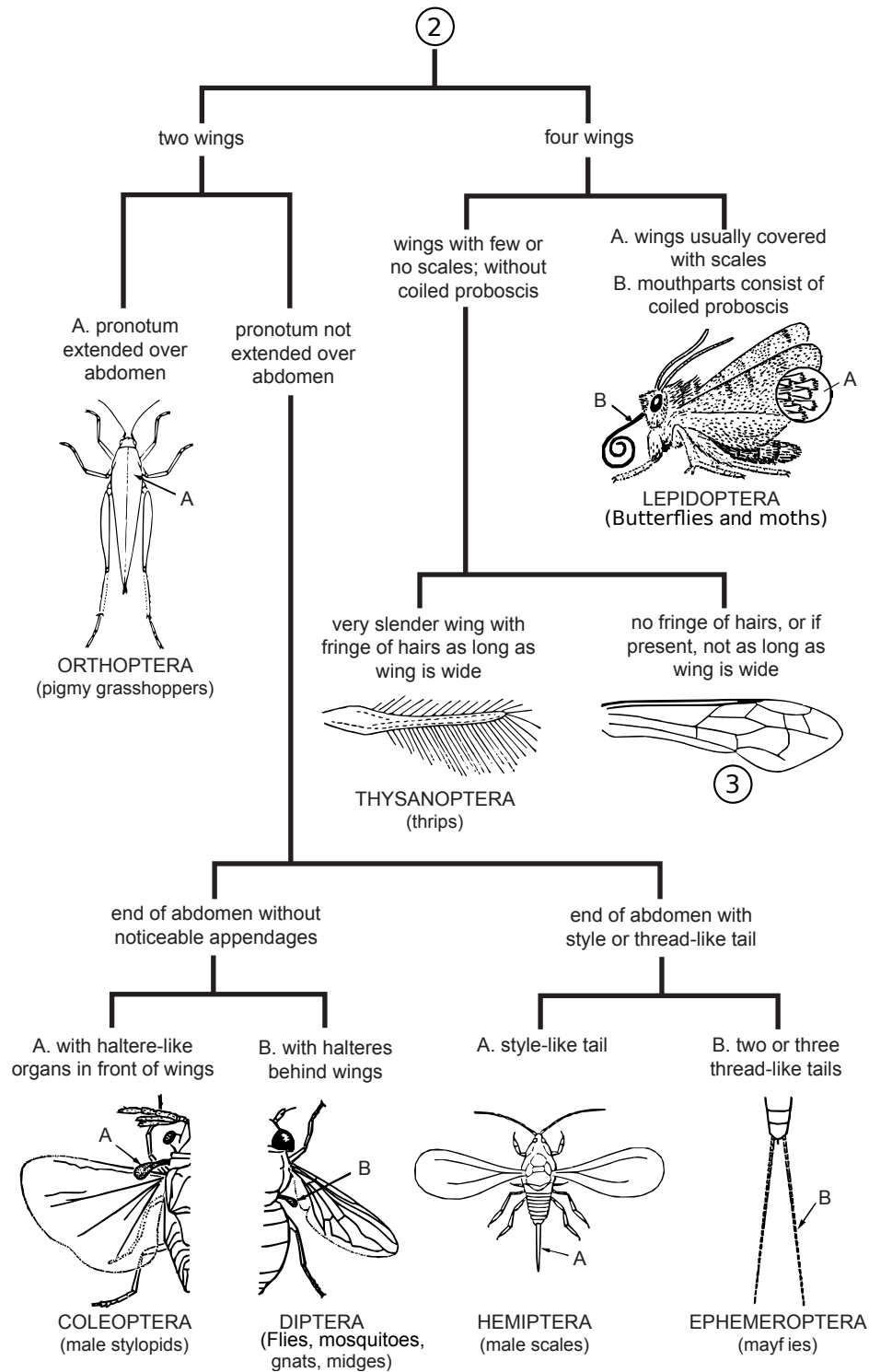
September 25, 2017

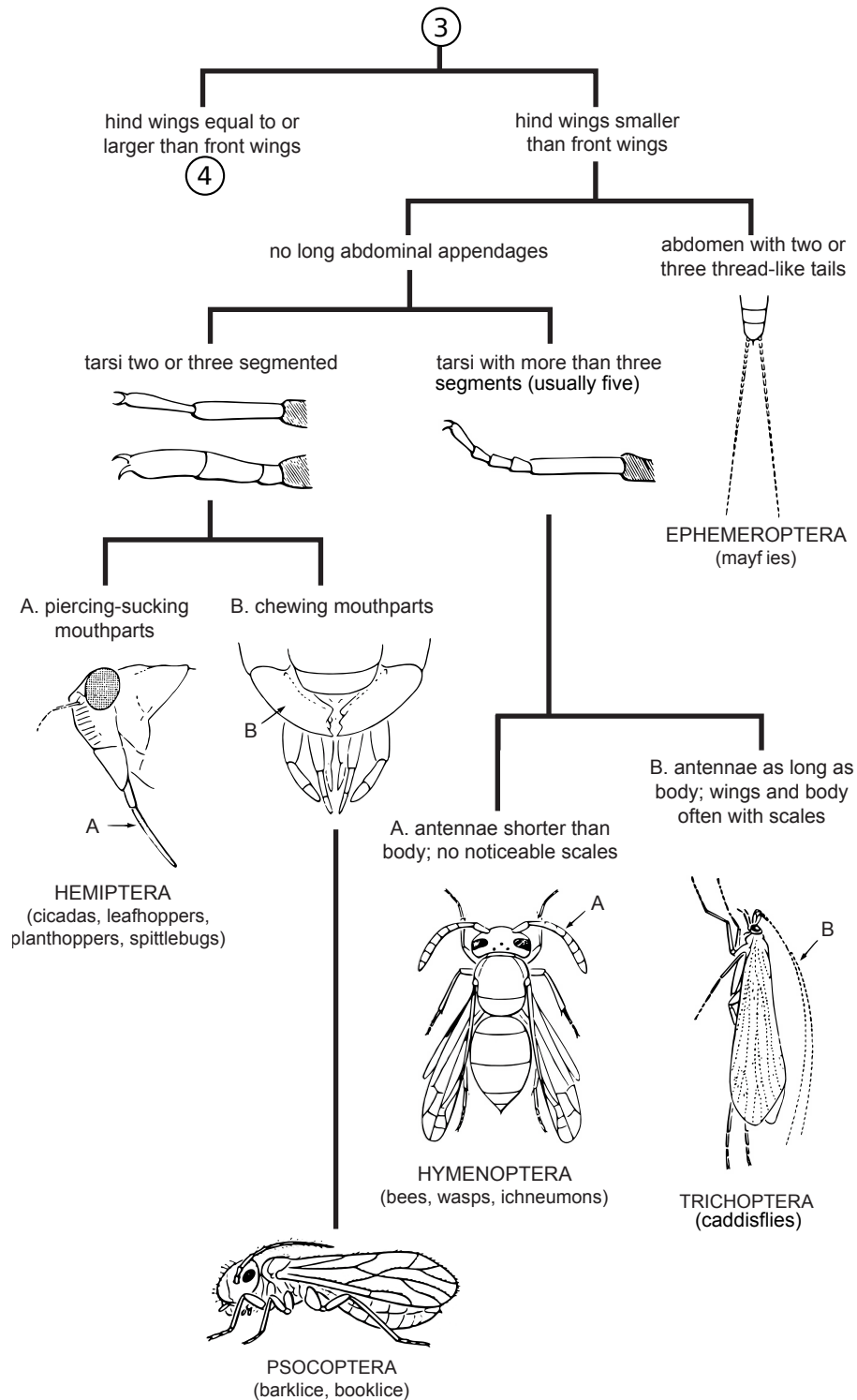
Adapted from *A Pictorial Key to the Order of Adult Insects* downloaded from https://extension.entm.purdue.edu/401Book/pdf/order_pictorial_key.pdf.

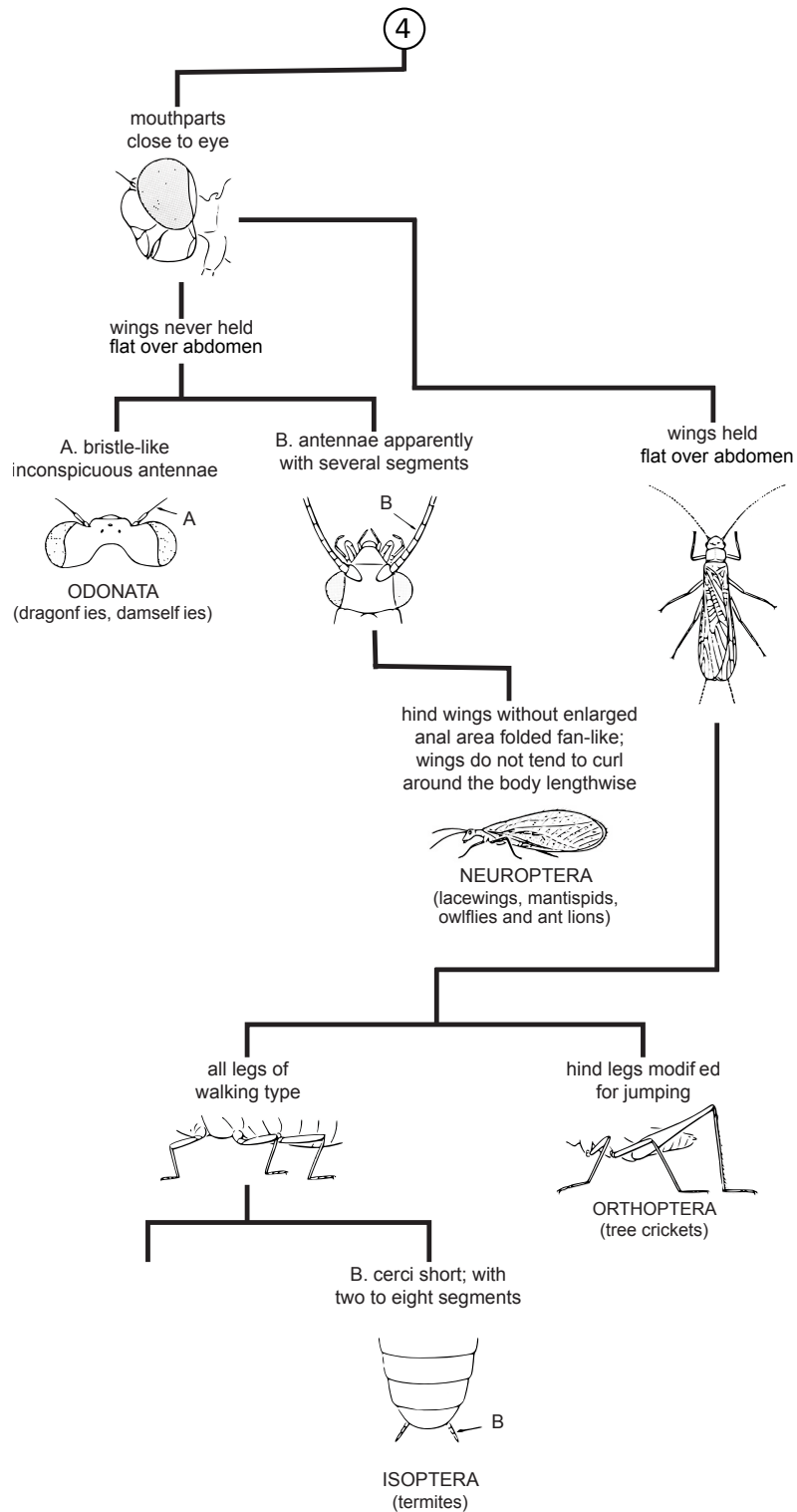
Table 1: Insect orders present on Guam. Global species estimate from GBIF, Mariana Islands estimate from Gressitt 1954 and Bourquin 2002.

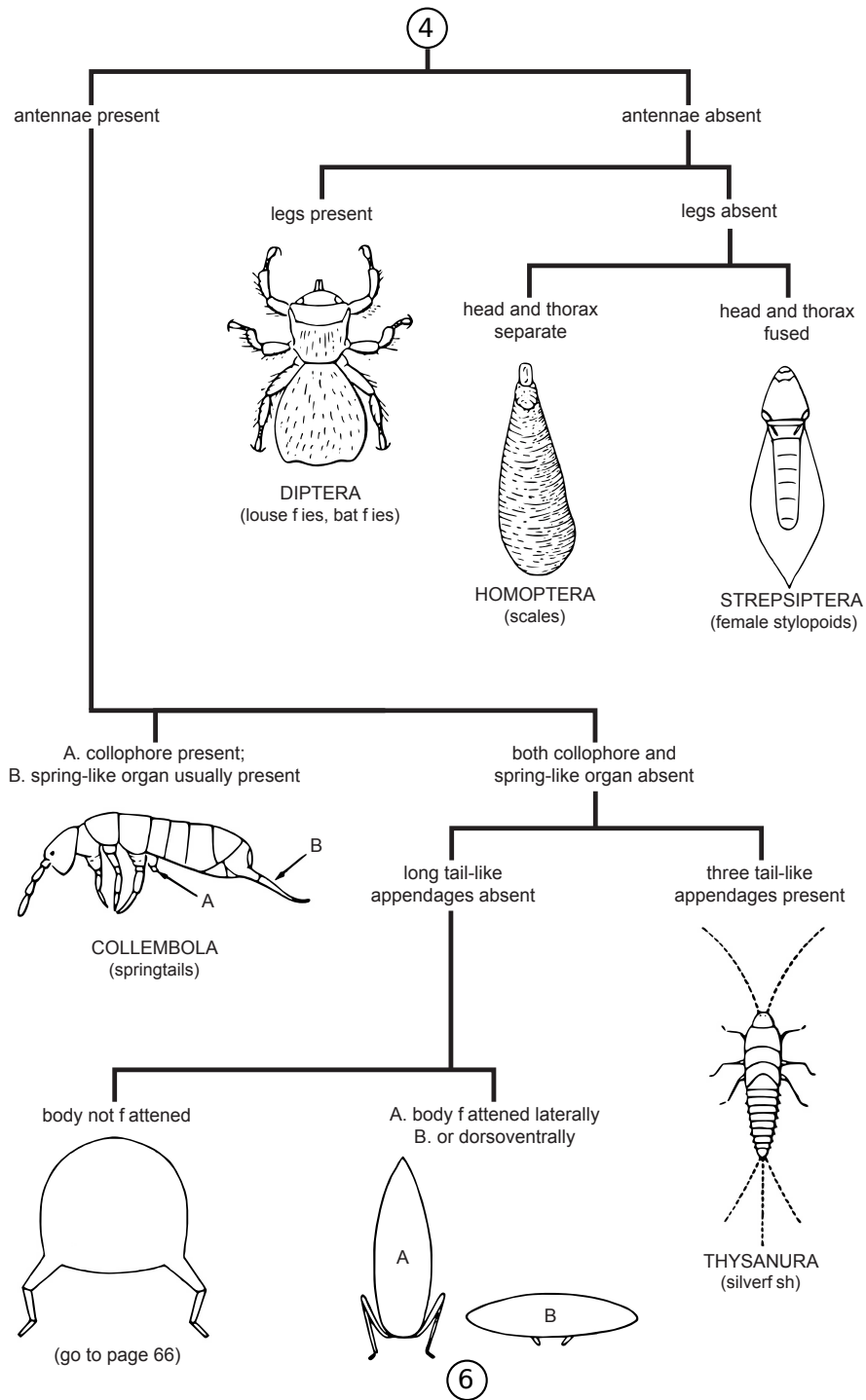
Order	GBIF ID	Common Names	No. of Species Global	No. of Species Mariana Islands
Coleoptera	[GBIF 1470]	beetles	331,478	260
Lepidoptera	[GBIF 797]	butterflies, moths	272,291	240
Diptera	[GBIF 811]	flies	176,600	230
Hymenoptera	[GBIF 1457]	wasps, bees, ants	142,449	150
Hemiptera	[GBIF 809]	true bugs, aphids, psyllids, scales, whiteflies, mealybugs	95,518	194
Thysanoptera	[GBIF 1228]	thrips	4,364	25
Orthoptera	[GBIF 1458]	grasshoppers, crickets	28,713	24
Phasmida	[GBIF 1460]	stick insects	3,230	1
Blattodea	[GBIF 800]	roaches	7,173	19
Mantodea	[GBIF 788]	mantises	2,796	7
Psocodea	[GBIF 7612838]	booklice, barklice	9,235	18
Phthiraptera	[GBIF 1001]	lice	2,490	15
Isoptera	[GBIF 999]	termites	1,188	4
Dermaptera	[GBIF 1224]	earwigs	2,048	4
Siphonaptera	[GBIF 1366]	fleas	2,250	3
Embioptera	[GBIF 584]	webspinners	421	3
Trichoptera	[GBIF 1003]	caddisflies	13,534	1
Ephemeroptera	[GBIF 1225]	mayflies	4,091	1
Strepsiptera	[GBIF 720]	stylopids	720	1
Zygentoma	[GBIF 1004]	silverfish	596	3
Collembola	[GBIF 546]	springtails	4,611	4

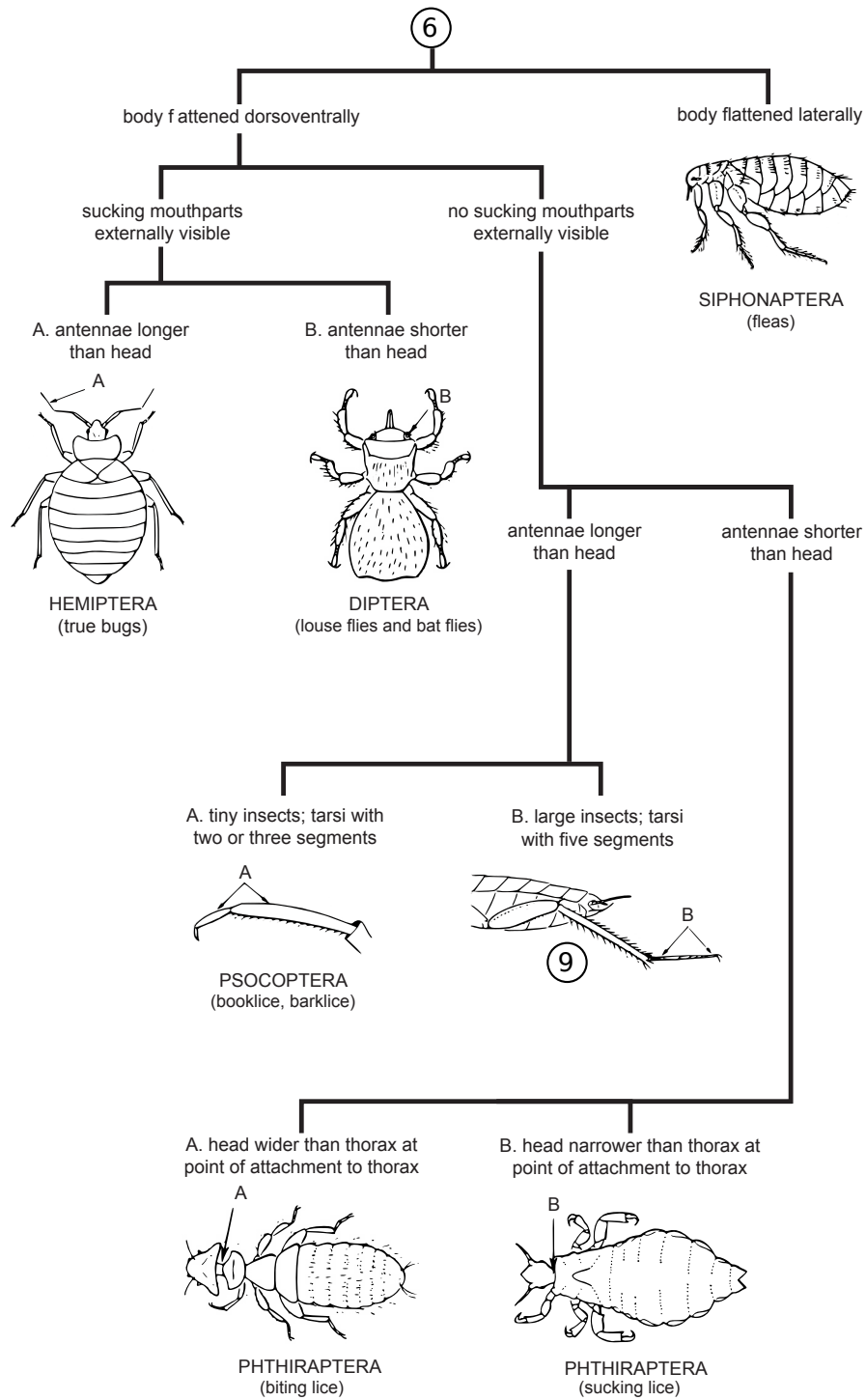


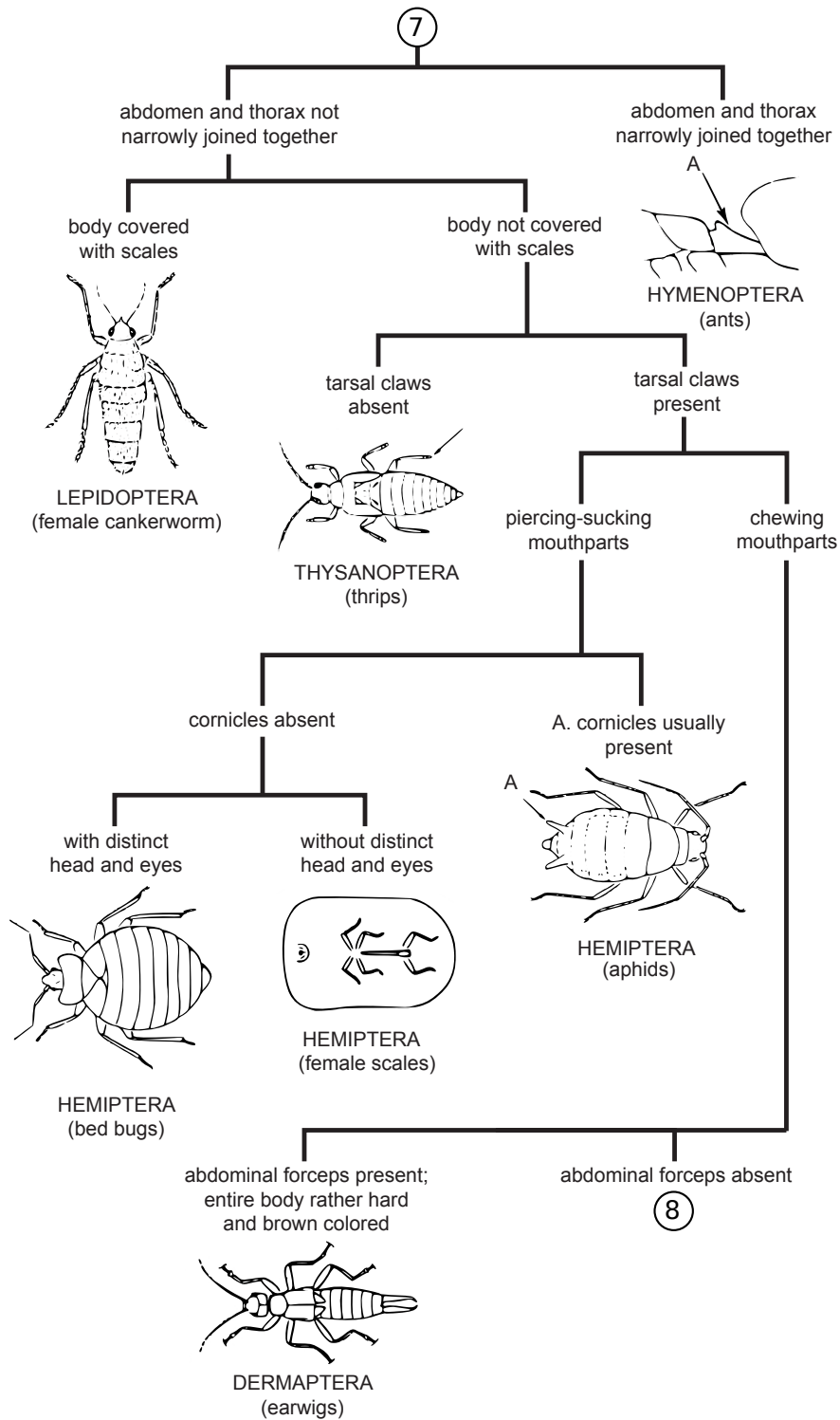


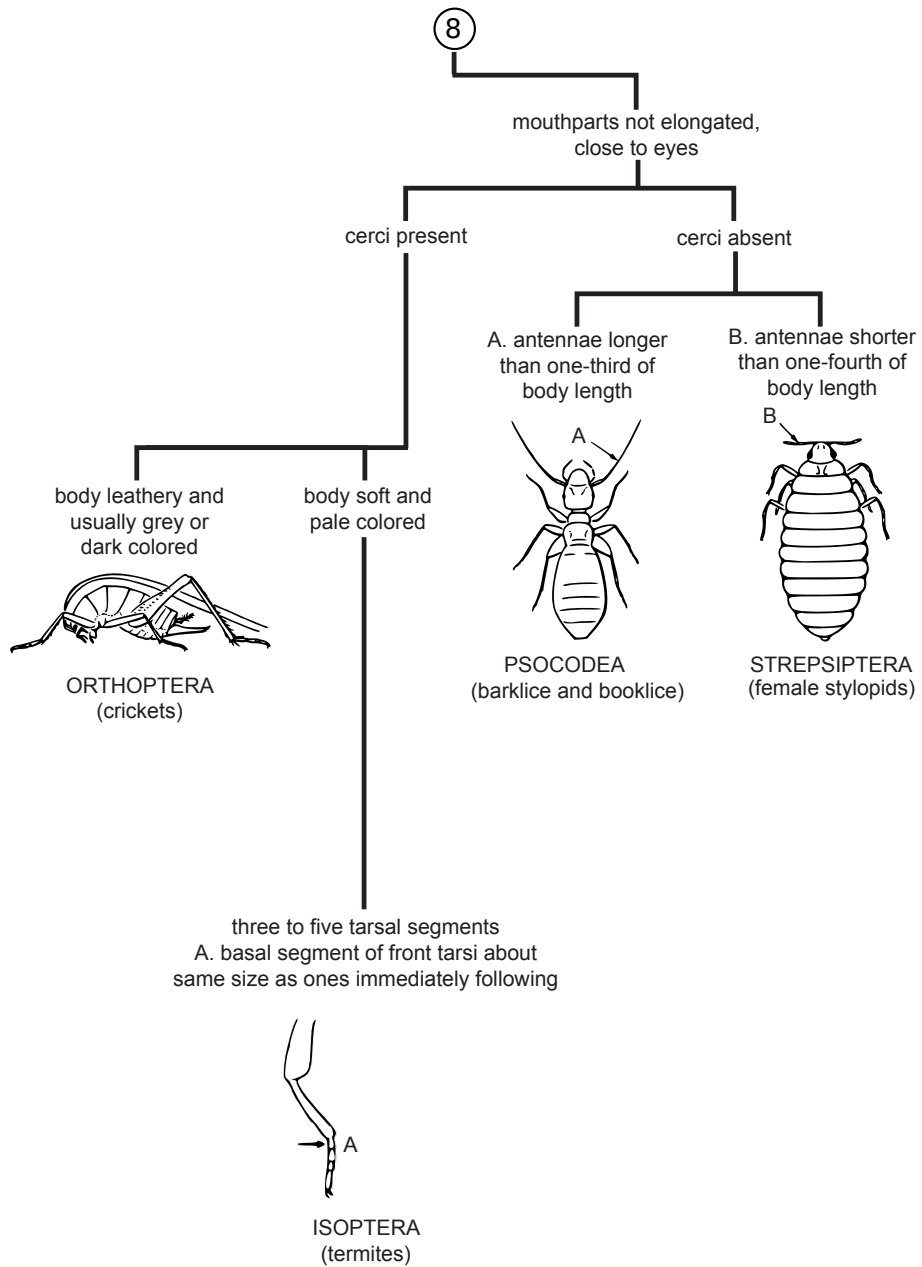




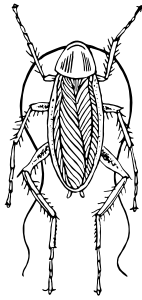




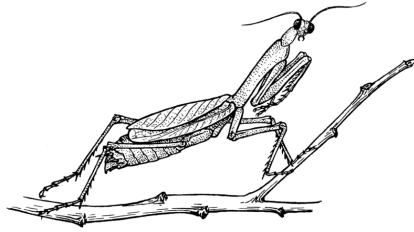




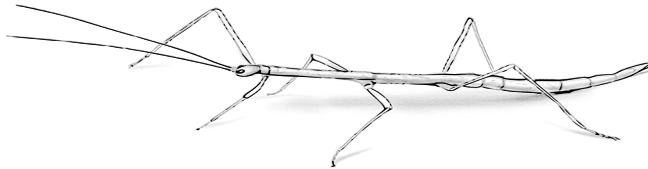
9



BLATTODEA
(roaches)



MANTODEA
(mantids)



PHASMIDA
(stick insects)