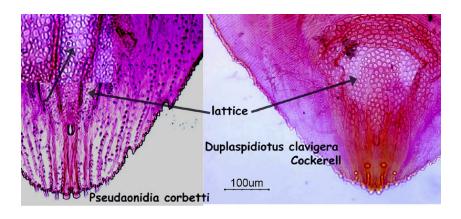
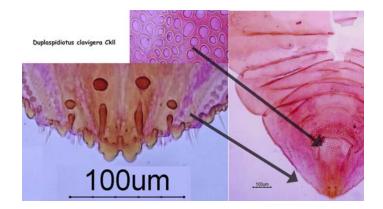
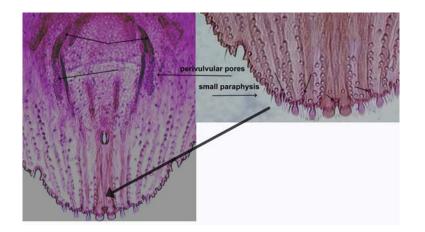


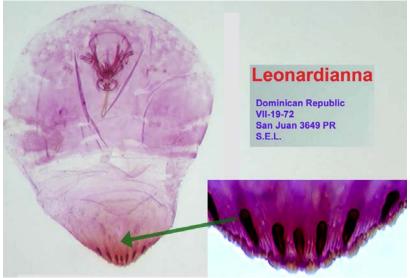
- Pupillarial: second exuviae larger than, and enveloping the adult female with very much reduced plates and lobes; polyphagus from Afrotropical, Australasian, Nearctic, Neotropical, Oriental, and Palaearctic Regions; 42 species known
 <u>Aonidia</u> Targioni Tozzetti

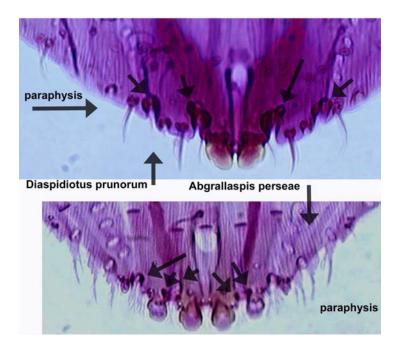




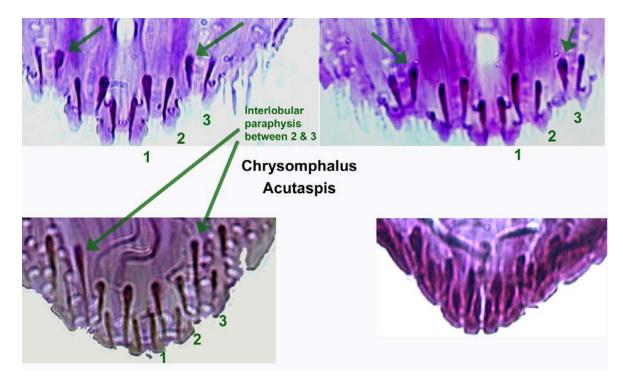




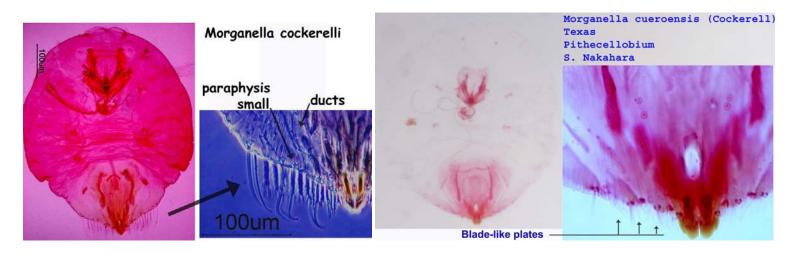




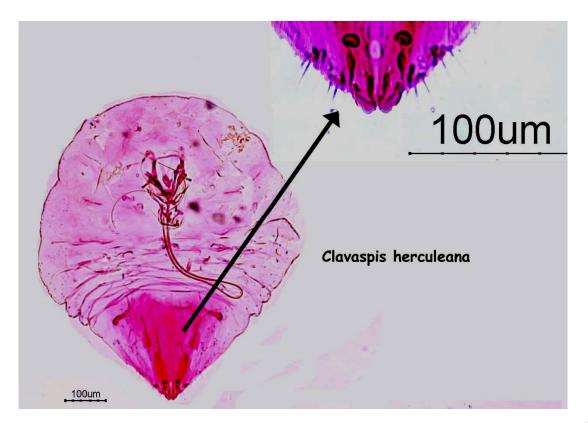
7' With at least one paraphysis arising from the center of at least one interlobular space usually between the $2^{nd} \& 3^{rd}$ lobes and frequently with paraphysis along the margin beyond the 3^{rd} lobe.....14

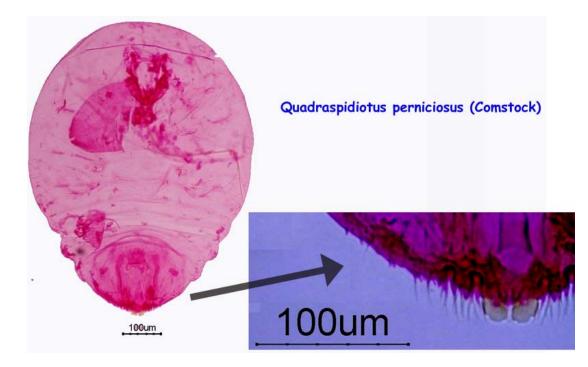


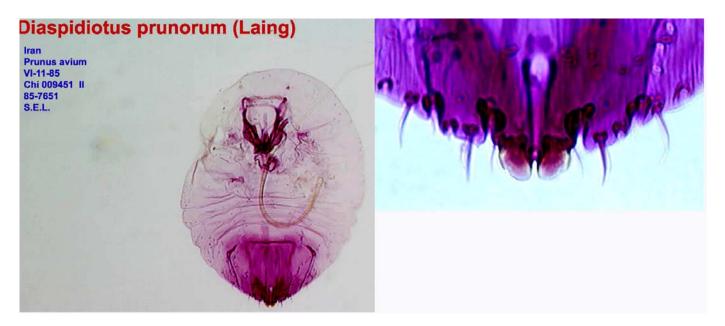




- 9' Paraphysis well developed and at times quite small but members of each pair well separated......10







2nd lobe usually and at times the 3rd lobe developed (in some species neither more than a point); anal 12' openingconspicuously large; plates usually quite developed; one species lacking lobes, with very small plates,



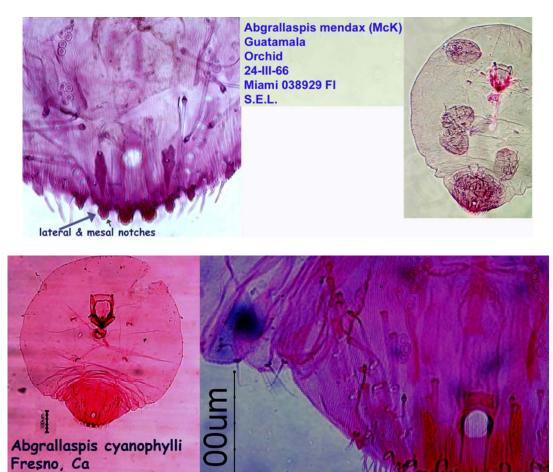
Abgrallaspis mendax

Abgrallaspis perseus

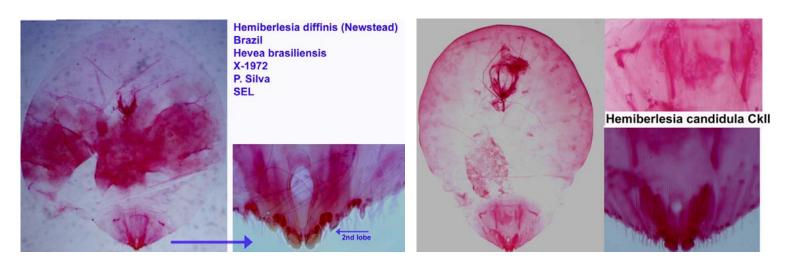


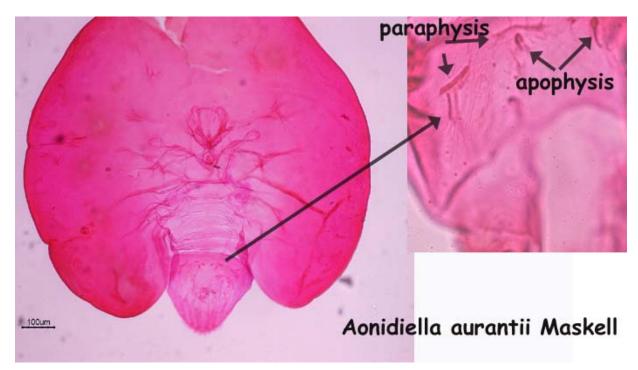
Hemiberlesia

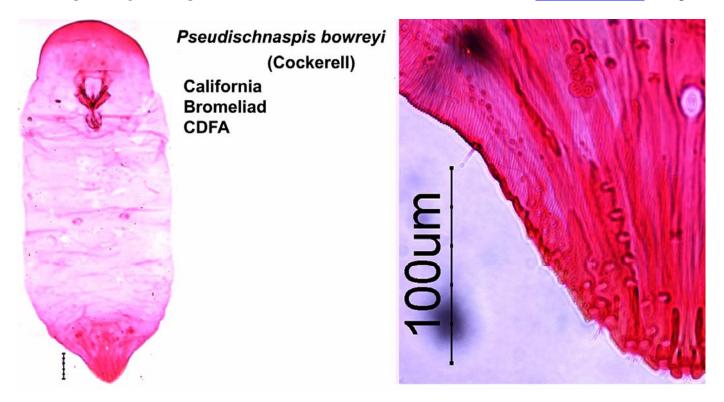
13(12) 2nd lobes present, smaller than median lobes both usually once notched mesally and laterally (A. *townsendi* having hyaline points representing 2nd lobes); diameter of anal opening less than length of median lobes and removed 2 or more times its diameter from the median lobe bases; polyphagus occurring worldwide;



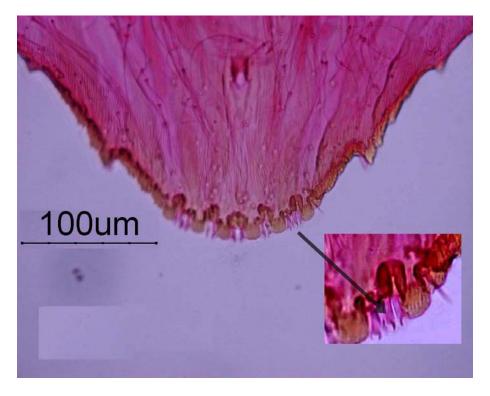
Cactus CDFA

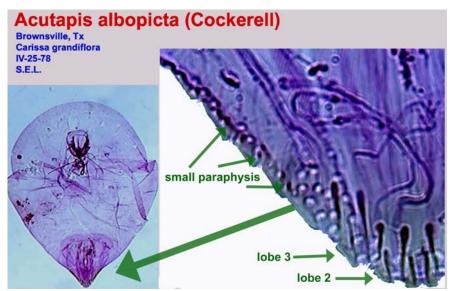




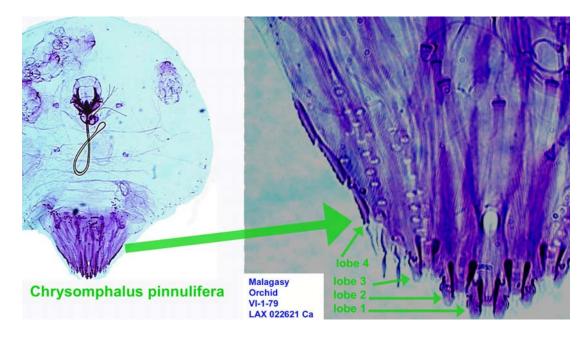


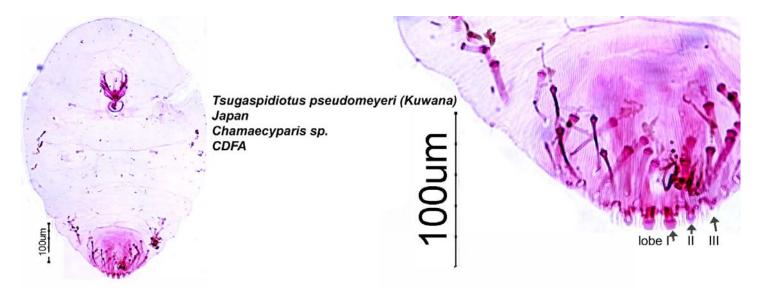


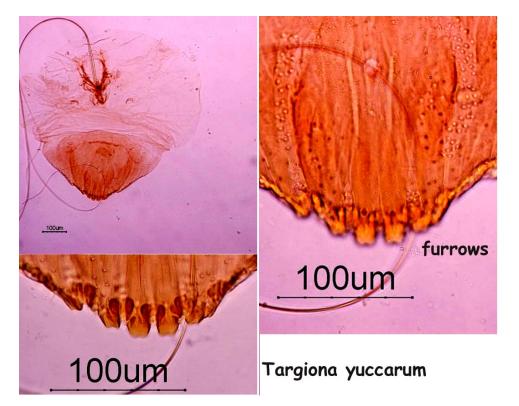




18' Pygidium otherwise, usually short and broad......19





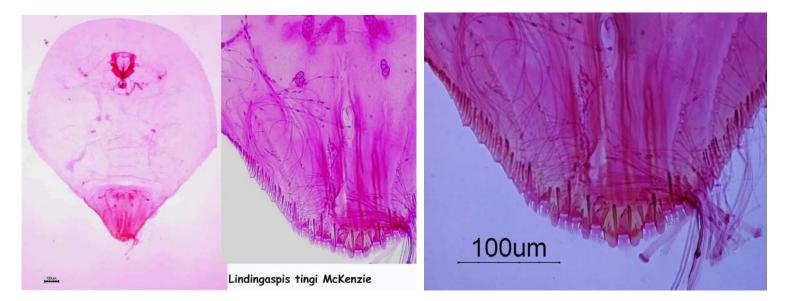


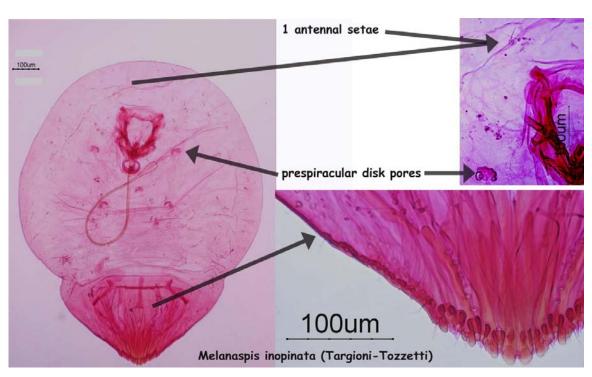


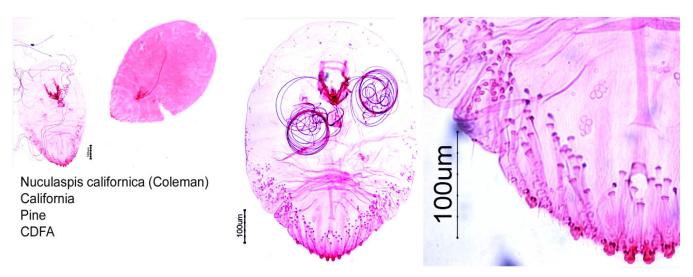
Crenulaspidiotus parlatoriensis (Lindinger)



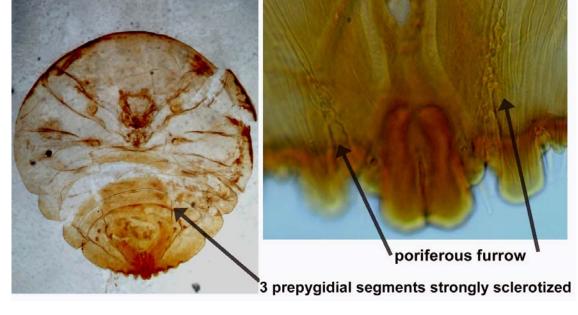
11/8/2006



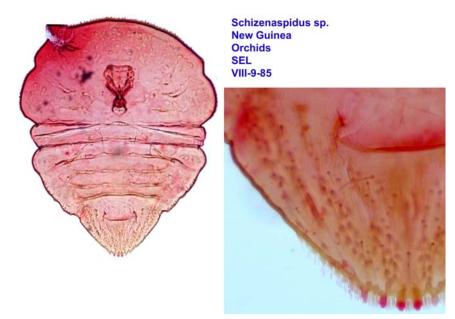


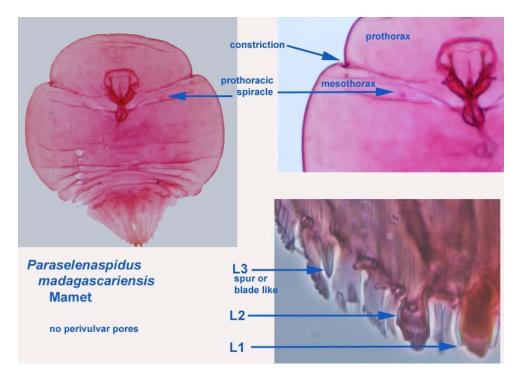


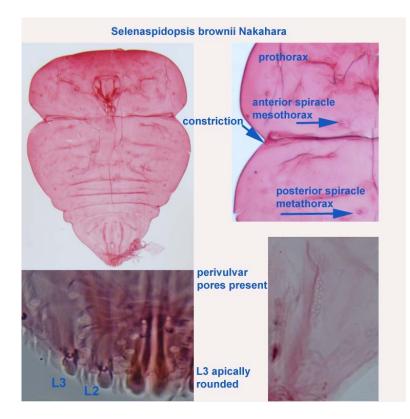
- 24' Sclerotization various and pygidium always exerted......25
- 25(24) Body at maturity with the tergites of the three prepygidial segments strongly sclerotized and forming transverse plates; poriferous furrow arising from the first interspace crowded with the orifices of many slender ducts; on *Enterolobium cyclocarpum* from Neotropical (Panama); one species known.....*Nigridiaspis* Ferris

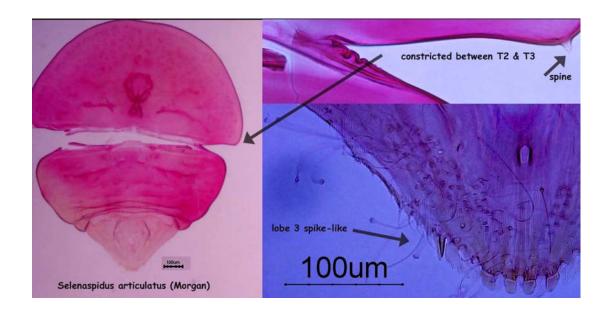


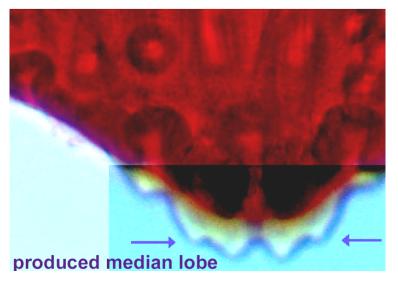
25'	not so	26
	Prosoma with a marked indentation or constriction between either a) the prothorax and mesothorax, mesothorax and the metathorax or c) the metathorax and abdominal segment 1	1 A A A A A A A A A A A A A A A A A A A
26'	Not as above	27

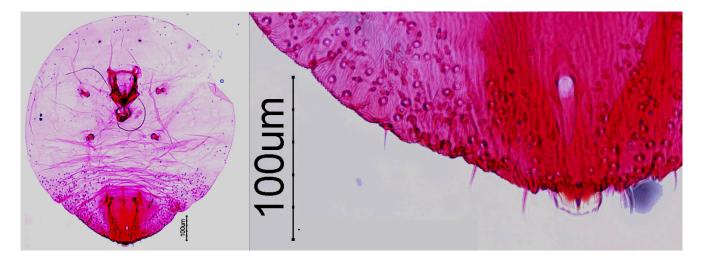




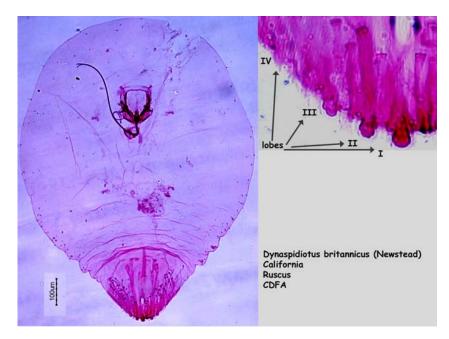




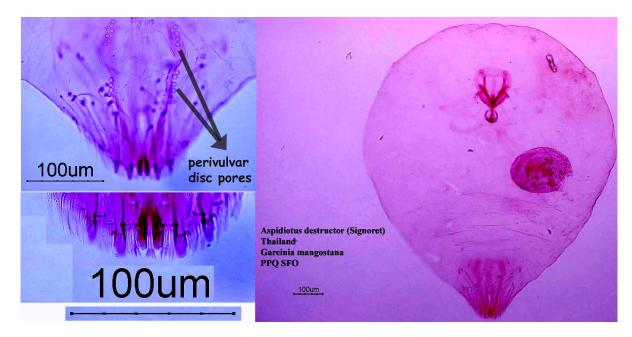


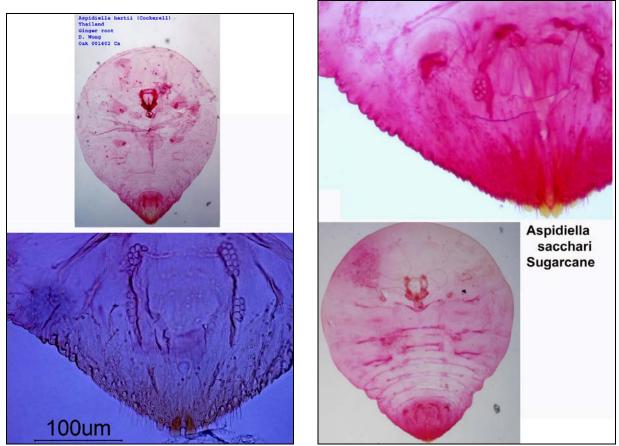


29'	Perivulvar pores absent; ; primarily associated with grasses but with ginger and Iris from Australasian
	(Hawaii), Nearctic, Palaearctic, & Oriental Regions; 15 species known
30(29)	Three pairs of pygidial lobes definitely developed



31' 4th pygidial lobe not in the least developed; polyphagus occurring worldwide; 82 species known....<u>Aspidiotus</u> Boucht





32' Ducts for the most part quite large, some of them arising from poriferous furrows extending from the 1st and 2nd interlobular space; polyphagus from the Nearctic & Palaearctic Regions; 82 species known *Aspidaspis* Ferris



References & Bibliography : Key & Data Resource

- 1. PRINCIPLES OF CLASSIFICATION OF THE ARMORED SCALE INSECTS (HOMOPTERA, COCCOIDEA, DIASPIDIDAE) 1965 by N.S.Borkshenius.
- 2. "Atlas of the Scale Insects of North America" by G. F. Ferris 1937-1942.
- 3. "World Crop Pests Armored Scale Insects" Volume 4A and 4B W. Helle.
- 4. Scalenet (http://198.77.169.79/scalenet/query.htm).
- 5. NEW GENUS AND TWO NEW SPECIES OF ARMORED SCALES... by Nakahara 1984.
- 6. THE SELENASPIDUS COMPLEX by Mamet, 1958
- 7. All images by PPQ (J. Dooley). Specimens provided by CDFA, PPQ, and ARS (Systematic Entomology Lab).

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