

514. Amphiprora alata x 3,400
Valve, girdle view - half; note shape of valve,
presence of fibulae (arrows) at many levels.
515. Amphiprora alata x 6,100
Valve, valve view - centre; note central raphe
endings, fibulae.
516. Amphiprora alata (no scale)
Cell; note the two chromatophores, set at an
angle to one another.
517. Amphiprora alata (no scale)
Chromatophores; viewed from different angle than
F.516.
518. Rhopalodia musculus (no scale)
Cell, valve view - upper and lower foci, showing
extension of chromatophore onto both valve faces.
519. Rhopalodia musculus (no scale)
Cell, oblique view; note single chromatophore,
position of nucleus (dotted).
520. Rhopalodia musculus (no scale)
Cell, girdle view; note lobing of chromatophore
margin.

575. Hantzschia marina: C2 population x 30,000
Valve poroids.
576. Hantzschia marina: C1 population x 30,000
Valve poroids.
577. Hantzschia marina: A2 population x 30,000
Valve poroids.
578. Hantzschia marina: A1 population x 30,000
Valve poroids.

In the above, note the shape, size and spacing of the poroids, and the type of poroid occlusion present (if any).

579. Cocconeis sp. x 60,000
Valve poroids; note the elongate hymen pores.
580. Amphiprora sp. x 60,000
Valve poroids.

992. Amphiprora alata x 1,360
Valve - inside: 'face-on'; note sigmoid twist
of valve.
993. Amphiprora alata x 6,700
Valve, inside - centre; note fibulae, 2 rows of
poroids between costae.
994. Amphiprora alata x 1,430
Valve; again, note twist of valve.
995. Amphiprora alata x 8,000
Valve, outside - part; note ridges on raphe-
sternum (lower arrows), domed hymena and warts,
small bars of silica (upper arrows) at base of
keel.
996. Amphiprora alata x 14,300
Valve pole - outside; raphe fissure indicated by
arrow.
997. Amphiprora alata x 24,000
Internal central raphe endings; note central
expansion of raphe-sternum.