

## Key to Species of *Asteropella*

1. Inner concentric ridge forming concentric spiral. . . . . 10  
Inner concentric ridge without concentric spiral. . . . . 2
2. Inner concentric ridge with 2 posterodorsal processes. . . . . 3  
Inner concentric ridge without 2 posterodorsal processes. . . . . 6
3. Carapace with 3 narrow horizontal ridges in addition to midridge  
. . . . . ***A. mortenseni***  
Carapace with only midridge. . . . . 4
4. Inner concentric ridge with several small posterior processes in addition  
to the 2 posterodorsal processes; d-bristle of 1st antenna one-fourth  
length of e-bristle 30. . . . . ***A. punctate***  
Inner concentric ridge with only the 2 posterodorsal processes; d-bristle of  
1st antenna either absent or represented by minute spine. . . . . 5
5. Anterior end of horizontal midridge intersecting concentric ridge  
. . . . . ***A. monambon***  
Anterior end of horizontal midridge not intersecting concentric ridge ...  
. . . . . ***A. maclaughlinae***
6. Anterior end of horizontal ridge generally intersecting inner concentric  
ridge. . . . . 7  
Anterior end of horizontal ridge generally not intersecting inner concentric  
Ridge. . . . . 8
7. 2nd endopodial joint of 2nd antenna of female usually with 3 bristles; 3rd  
endopodial joint without hairs. . . . . ***A. trithrix***  
2nd endopodial joint of 2nd antenna bare; 3rd endopodial joint  
hirsute. . . . . 9
8. Fossae on carapace surface with stellate covering  
. . . . . ***A. kaufmani***  
Fossae on carapace surface without stellate covering. . . . . 11
9. Posterodorsal corner of concentric ridge flat or slightly concave; d-bristle  
of 1st antenna absent. . . . . ***A. slatteryi***  
Posterodorsal corner of concentric ridge evenly rounded; d-bristle of 1st  
antenna represented by minute spine. . . . . ***A. scammonensis***
10. Furca with 5 bristle-like secondary claws. . . . . ***A. agassizii***  
Furca with 4 claw-like secondary claws. . . . . ***A. rotundicostata***
11. Midrib long. . . . . ***A. species A***  
Midrib short. . . . . ***A. species 1***