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- Fig. 12. Characters mapped on one of the 32 most parsimonious trees. Tree length: 76 steps (using Evaniomorph outgroup; if rooted with Ancestor the tree would be 72 steps). Bold numbers indicate unambiguous mapping of characters while italicized numbers indicate ambiguous mapping of characters, usually due to one sex being unknown. The italicized numbers appear on two or more branches for every single origination of the character state.
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- Figs 15-16. *Nomadina* heads, dorsal view. 15, Neck, *N. cisandina*; 16, normal *Nomadina* without neck.

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Figs 23-26 . Heads, anterior views (all bars 1 mm). xxx

23, *Orthogonalys pulchella*; 24, *Seminota* ; 24, *Pseudogonalos hahnii* ; 25, *Taeniogonalos gundlachii*; 24, *Bareogonalos canadensis* ; 25, *Taeniogonalos venatoria*; 26, *Nomadina* .

Tarsi, with plantar lobes (broken from peultimate tarsus) and cleft tarsal claws (*Bareogonalos canadensis*).

Figs 27, 28, right lateral view. Pronotal collar, *Trigonalys*. 27. The dorsal surface (dashed line) rises gently toward head; 28. The dorsal surface rises vertically so as to form a posterior facing surface.

Figs 29, 30, dorsal view, tergum I. 29, *Trigonalys melanoleuca*; 30. *Trigonalys championi* and related species. The apex of the tergum I (dashed line) is rounded in *T. melanoleuca*.

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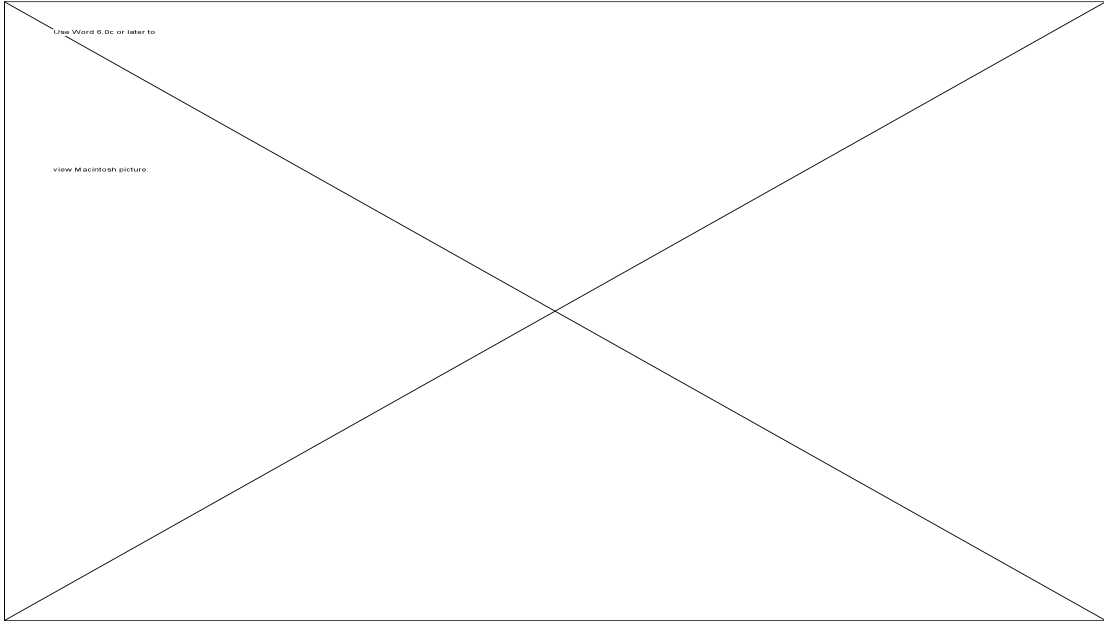


Fig. 8.

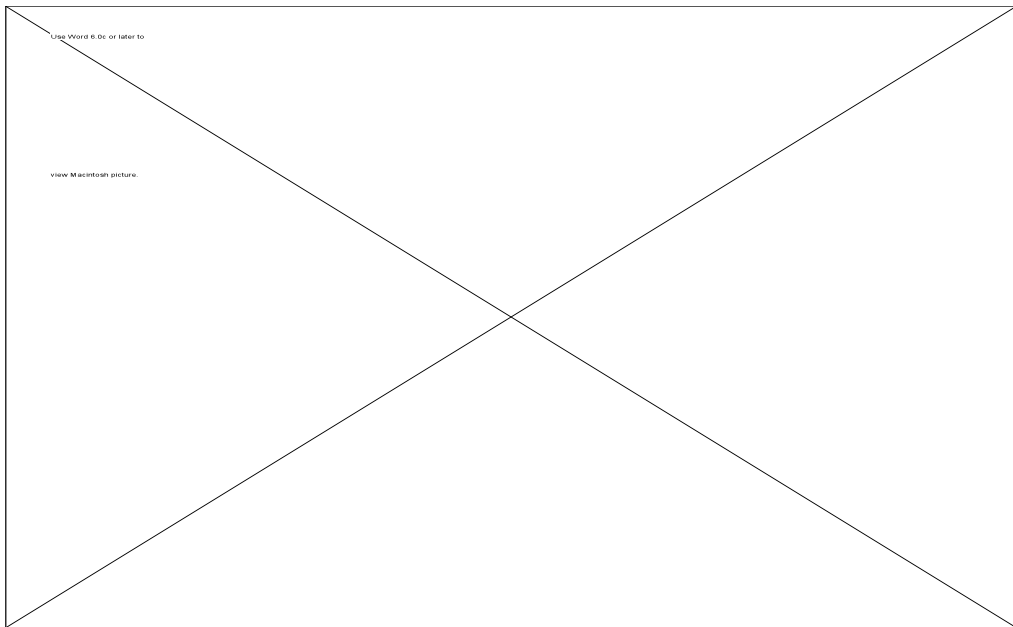


Fig. 9.

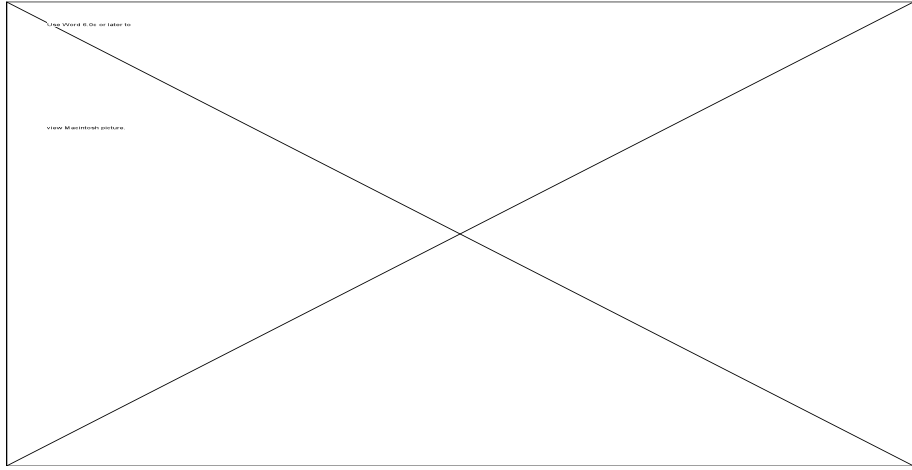


Fig. 10.

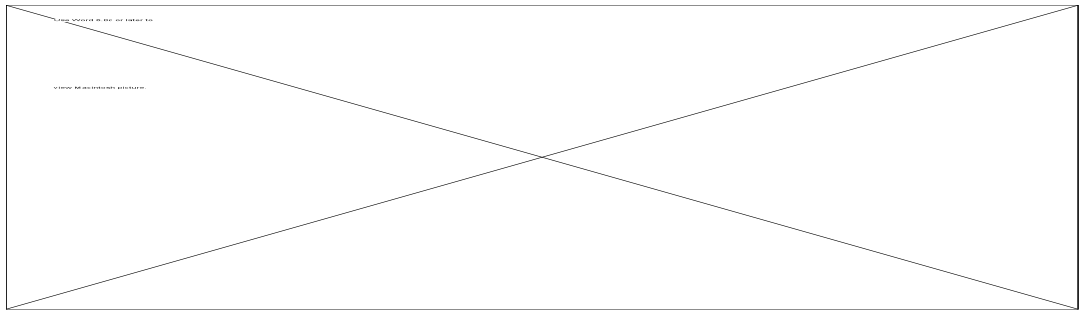


Fig. 11.

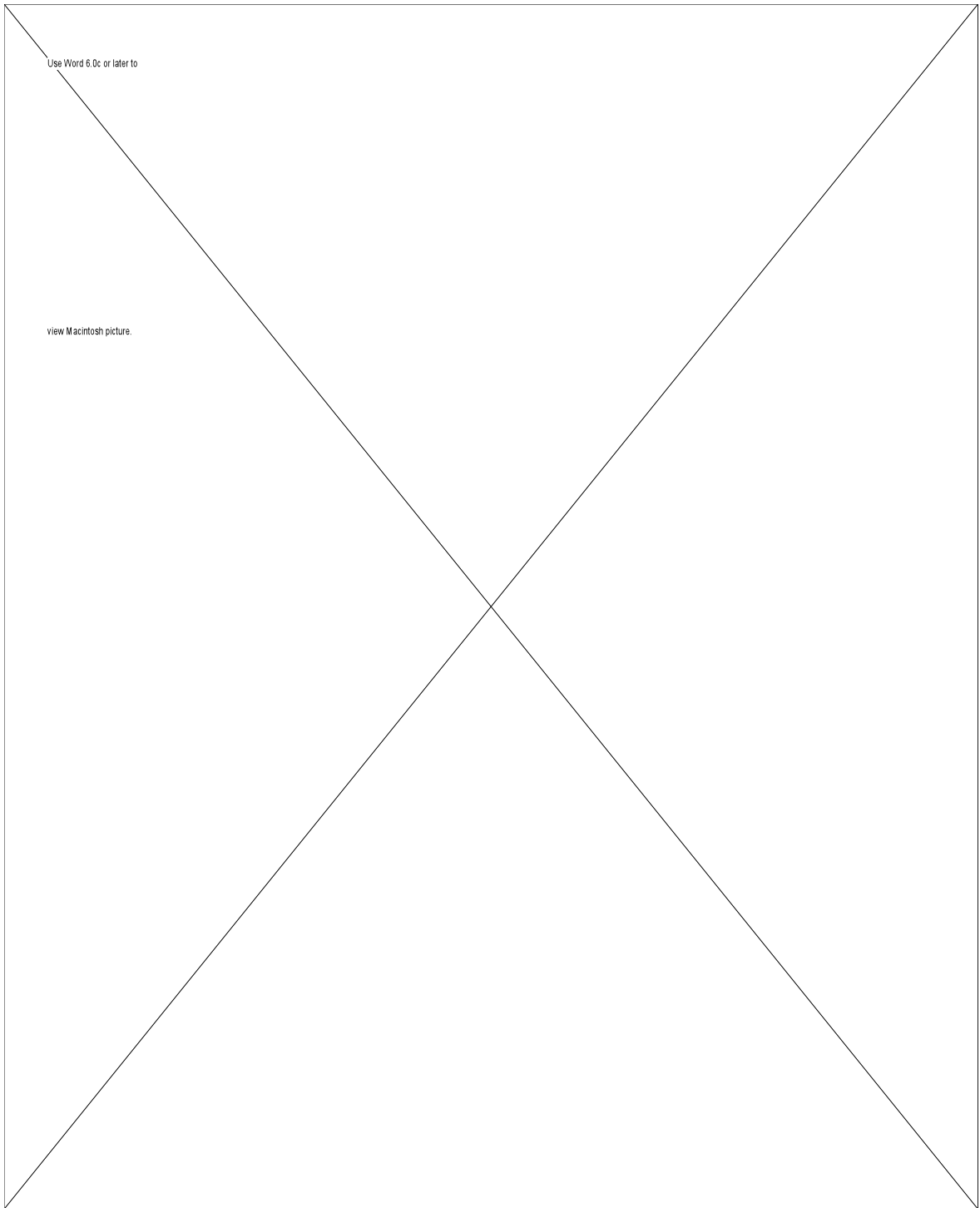


Fig. 12.

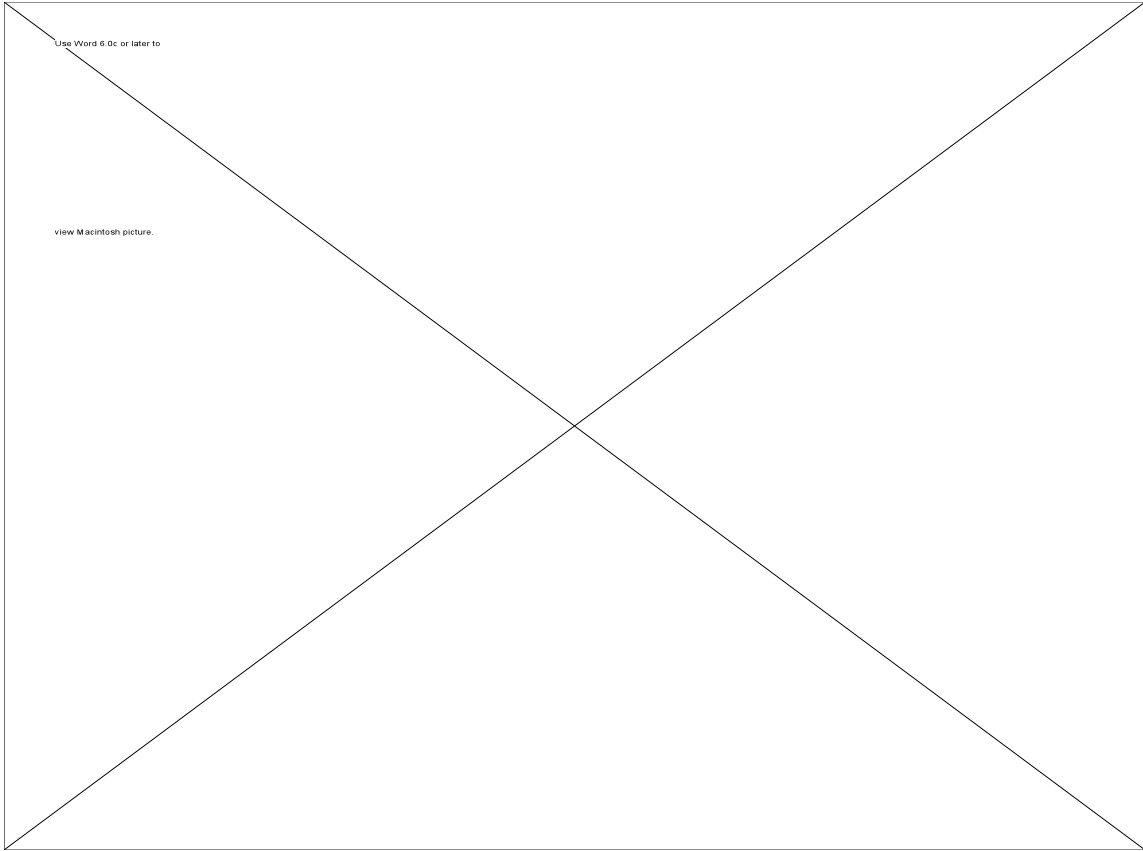


Fig. 13.

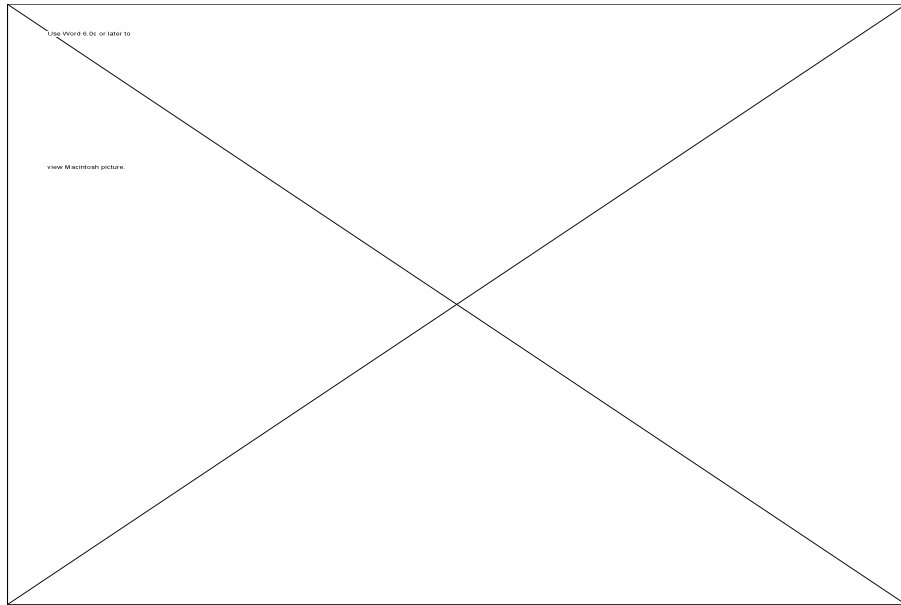
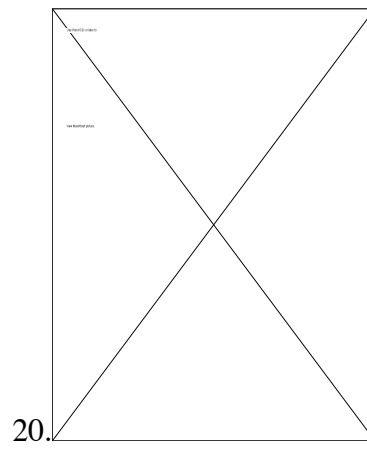
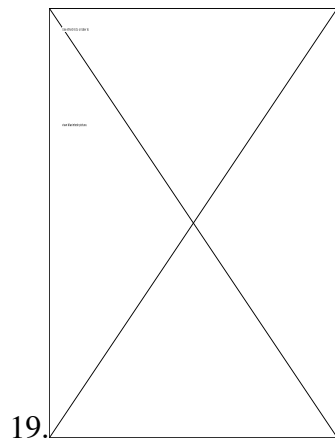
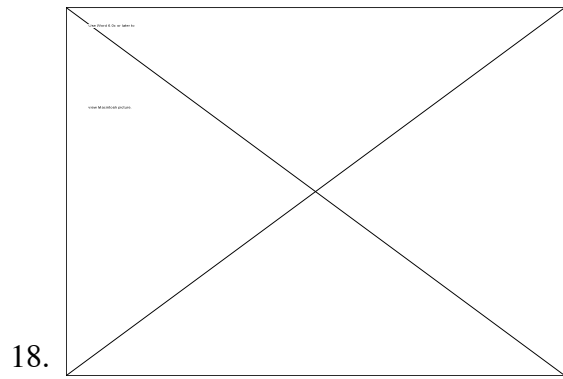
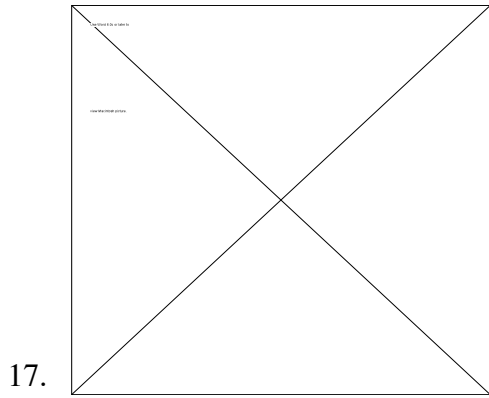
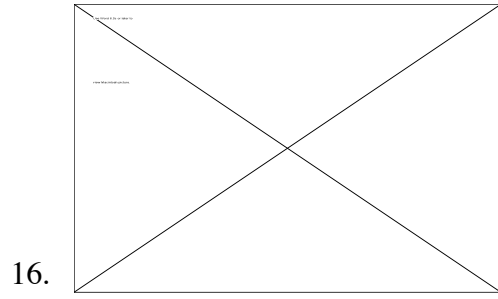
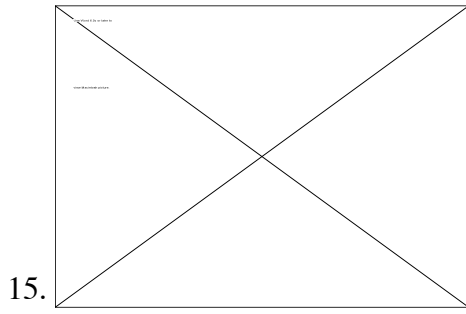
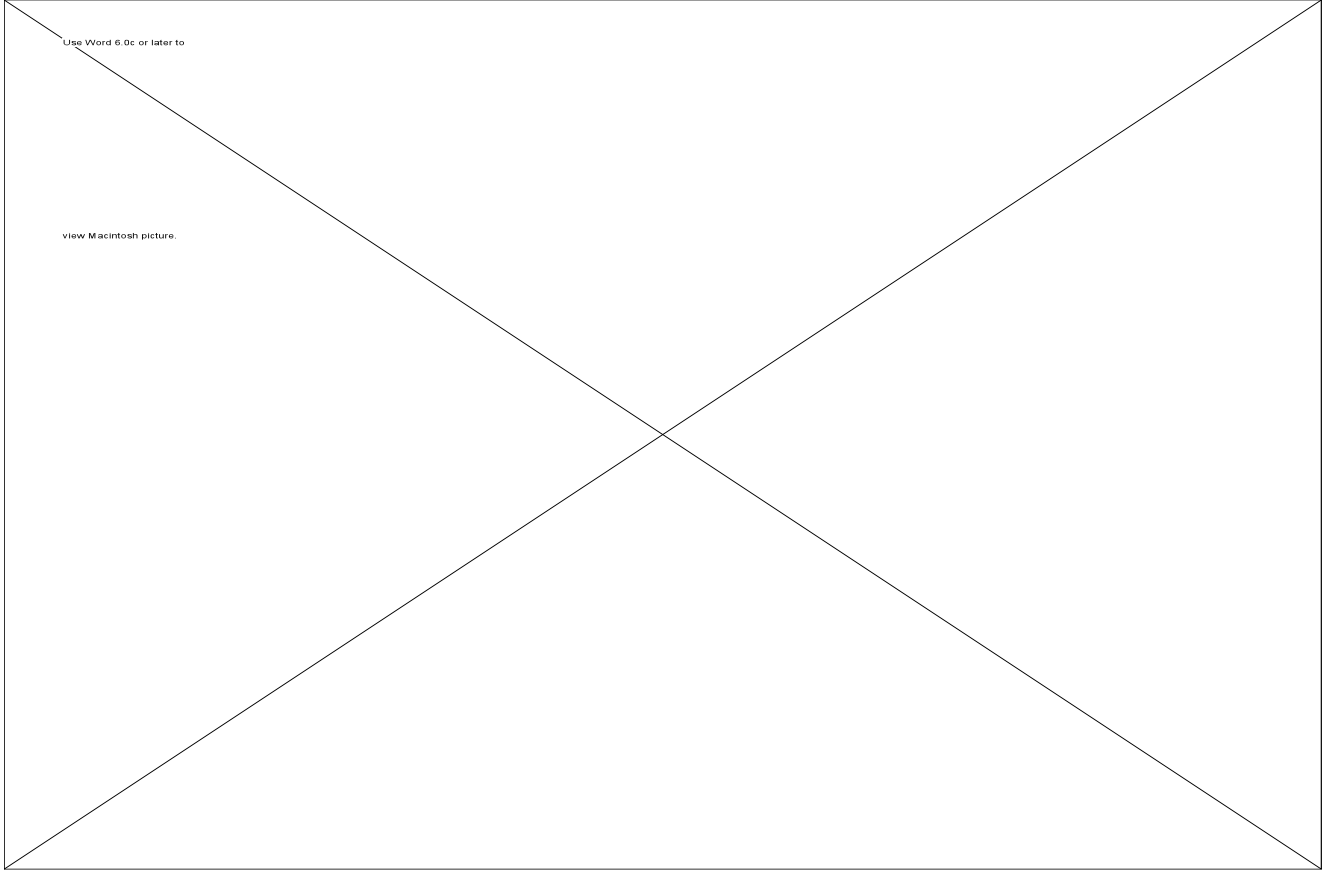


Fig. 14.





21.

22.

23. *Orthogonalys pulchella*

24. *Trigonalys melanoleuca*

25. *Taeniogonalos gundlachii*

26. *Lycogaster pullata*

