

Second note on the genus *Callocleonymus* Masi (Hym. Chalcidoidea)

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Masi (1940) described the genus *Callocleonymus* from three specimens of his single new species *pulcher* from Somaliland. He gave a detailed description of genus and species, and a number of figures. Kerrich (1957) described a second species, making comparison only with Masi's description and figures, for the type material was not available at that time. It is unfortunate that Dr. Masi, who contributed so much to our knowledge of the Chalcidoidea, especially of southern Europe and Africa, left the material he studied so arranged that no-one but a specialist with a thorough knowledge of his work can readily find any particular item.

Subsequently, a short series of a *Callocleonymus* was received by the Commonwealth Institute of Entomology with the following data: NATAL, Pietermaritzburg, ex prepupa of *Pseudagrilus dubius* Ob. (Col., Buprestidae), P. Muller; and more recently Professor Domenichini has been so good as to trace two cotypes of Masi's species in the Genoa museum, which were sent on loan to the author through the kindness of Dr. Guiglia. From direct comparison I believe the species from Natal to be *pulcher* Masi, although the legs, except for the greater part of the mid and hind tarsi, are mostly dark metallic coloured, whereas in the cotypes they are yellow-testaceous with very little metallic lustre.

It is found that the proportions given in Masi's description and figures are not always accurate. This may be due in some cases to measurements and drawing not having been made in the same plane, but it has invalidated some supposed species differences given tentatively by Kerrich. Thus the eyes, in side view, are more strongly emarginate in lower half in one cotype only out of the four specimens now under

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study, the toruli are nearly twice their own diameters from oral margin, and the mesoscutum is about half as long as broad.

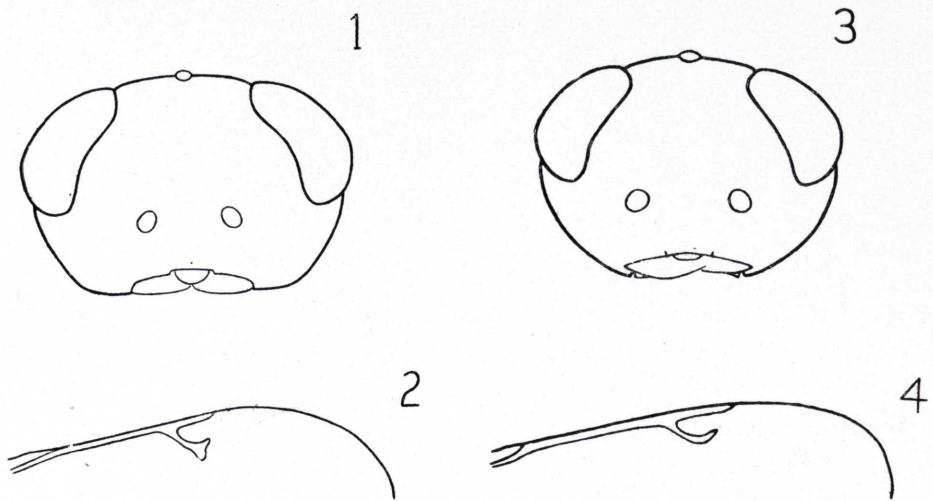


Fig. 1-4.—*Collocleonymus pulcher* Masi; 1) head, in lower facial view; 2) part of right fore-wing. *Collocleonymus ferrierei* Kerrich; 3) head, in lower facial view; 4) part of right fore-wing (figs. 3-4 photographed and reproduced from Kerrich 1957).

I now find the species to be best separated as follows:

- Head, notably in facial view, broader, and with cheeks less rounded (fig. 1): eyes rather weakly hairy: propodeum with reticulate sculpture between spiracles and in mid line rather fine: gaster more elongate: radius emitted at a less acute angle (fig. 2) **pulcher** Masi.
- Head, notably in facial view, less broad and with cheeks more rounded (fig. 3): eyes rather strongly hairy: propodeum with coarser and finer reticulate sculpture in this region: gaster ovate: radius emitted at a rather acuter angle (fig. 4) **ferrierei** Kerrich.

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