

Al-Abdul-Mohsen
National Date Palm Research Center
P.O. Box 43
HOFOF, Al-Hasa 31982
Dhahran
SAUDI ARABIA

5 September 2006

Dear Al-Abdul,

Re: Live Insect identification.

Our ref: 2006/317

My apologies for this late reply, however, this identification concerns a very specialised group of insects that required the attention of two specialists who have been unavailable to us for some time.

Our specialists, Dr D Quicke & Dr G Broad, have identified this insect as best matching the species *Iphiaulax fastidiator* (Fabricius, 1781) (=Bracon coccineus Brullé, 1846).

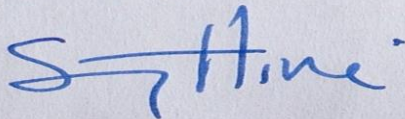
ORDER: Hymenoptera
FAMILY: Braconidae
GENUS: *Iphiaulax*
SPECIES: *fastidiator*

Unfortunately there are no comprehensive keys to *Iphiaulax* found in North or Sub Saharan Africa. Although this group are principally of African distribution several species occur in Saudi Arabia, whose fauna is influenced by that of mainland African.

Species of this group are ectoparasitoids of beetle larvae, ovipositing into deeply concealed hosts.

Please find our invoice in respect of this identification enclosed.

Yours sincerely



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Jebusea hammerschmidti

حفار ساق النخيل ذو القرون الطويلة



دورة حياة الحفار



اليرقة



البيض



الحشرة الكاملة



العذراء



الشكل الظاهري لأنثى وذكر الطفيل



الأنثى



الذكر





مراحل التغير على اليرقات المصابة

