

Cress. (Apidae), from Picture Butte, Alta., escaped when the colony was brought into the laboratory and parasitized prepupae of *Megachile pugnata* Say, *M. relativa*, and *M. rotundata*. It is probable that if *M. chalybii* attacks *M. rotundata* in the hives, it can also be removed by light-trapping, because it overwinters as a non-diapausing larva, as does *M. obscurus* or *P. venustus*. Perhaps *D. maculipennis* also overwinters as a non-diapausing larva, as *Dibrachys cævus* Wlkr. (Morris, Cameron, and Jepson 1937) has a life history similar to that of *M. obscurus*, *P. venustus*, and *M. chalybii* in the above respects. Adult females of *M. chalybii* placed in the centre of an incubation tray not in direct contact with the light source were attracted to the light, fell into the water in the pan beneath it, and drowned just as did males and females of *M. obscurus* and *P. venustus*. This simulation of conditions, as they would be if *M. chalybii* parasitized *M. rotundata* in our hives, was carried out to see whether females of *M. chalybii*, which are seldom seen to fly, would reach the light and drown in the water beneath it.

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Page 280, second last paragraph, first line: *for* 7 mg/l., *read* 1 mg/l.