

ABSTRACT FORM
9TH ANNUAL ISCE MEETING, KYOTO, JAPAN
JULY 6 - 9, 1992

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I would like to give an oral presentation (12 min. talk and 3 min. discussion) in:
Session 1___ 2___ 3___ 5___ 6___.

I would like to give a poster presentation on a subject related to:
Session 1___ 2___ 3___ 4___ 5___ 6___ other(s) X.

Poster board size: 90cm (W) x 140cm (H). Discussion period: 15:00-17:00, July 8.

CHEMICAL MIMICRY BETWEEN A PARASITIC ANT
(*FORMICOXENUS PROVANCHERI*) AND ITS HOST (*MYRMICA
INCOMPLETA*)

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Formicoxenus provancheri is an ant species living in close relation to its host *Myrmica incompleta*. This form of parasitism is called *Xenobiosis*. To understand how the parasites can introduce into the *Myrmica* colony, the cuticular hydrocarbons were compared. It appeared that they are very similar between the two species. We will discuss also the origin of the guest hydrocarbons.