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Intraspecific variability in the parasitoid *Trichogramma chilonis*: assessing the role of hybridization in the framework of a biological control program

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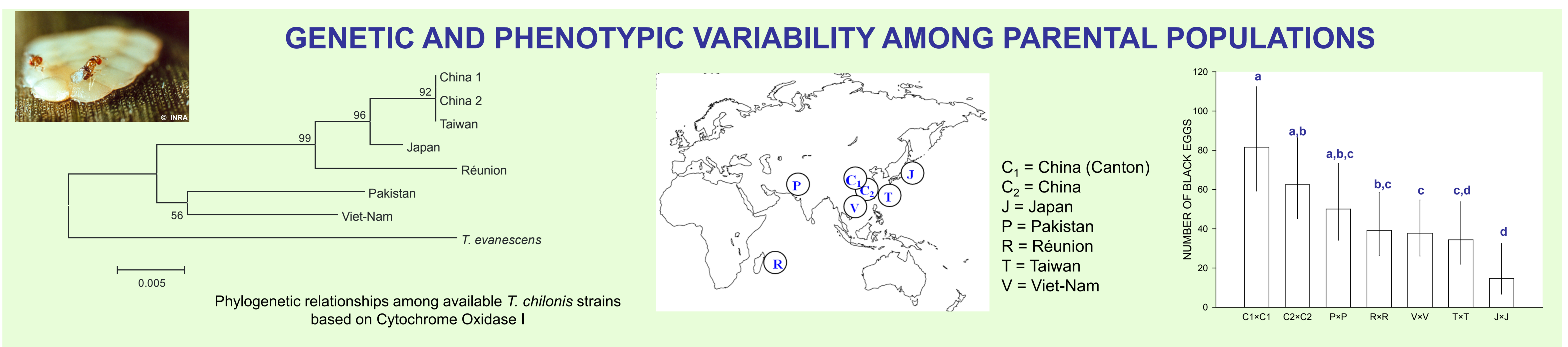
INTRASPECIFIC VARIABILITY IN A PARASITOID INSECT: CONTRASTING EFFECTS OF HYBRIDIZATION ON FITNESS

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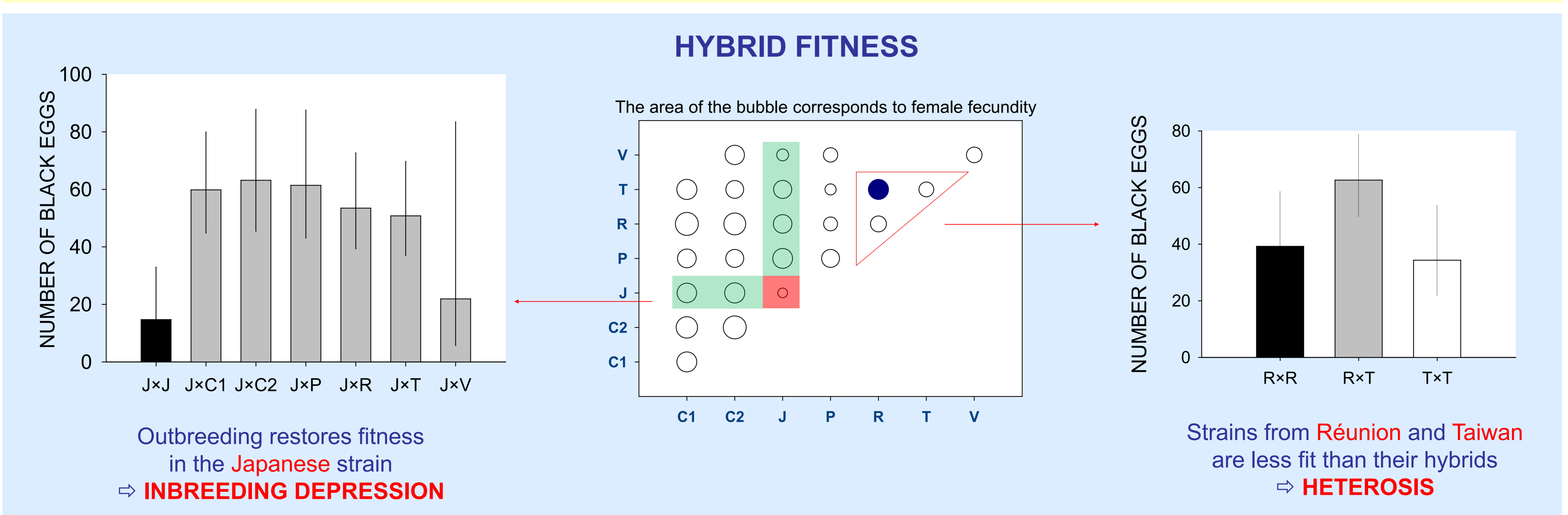
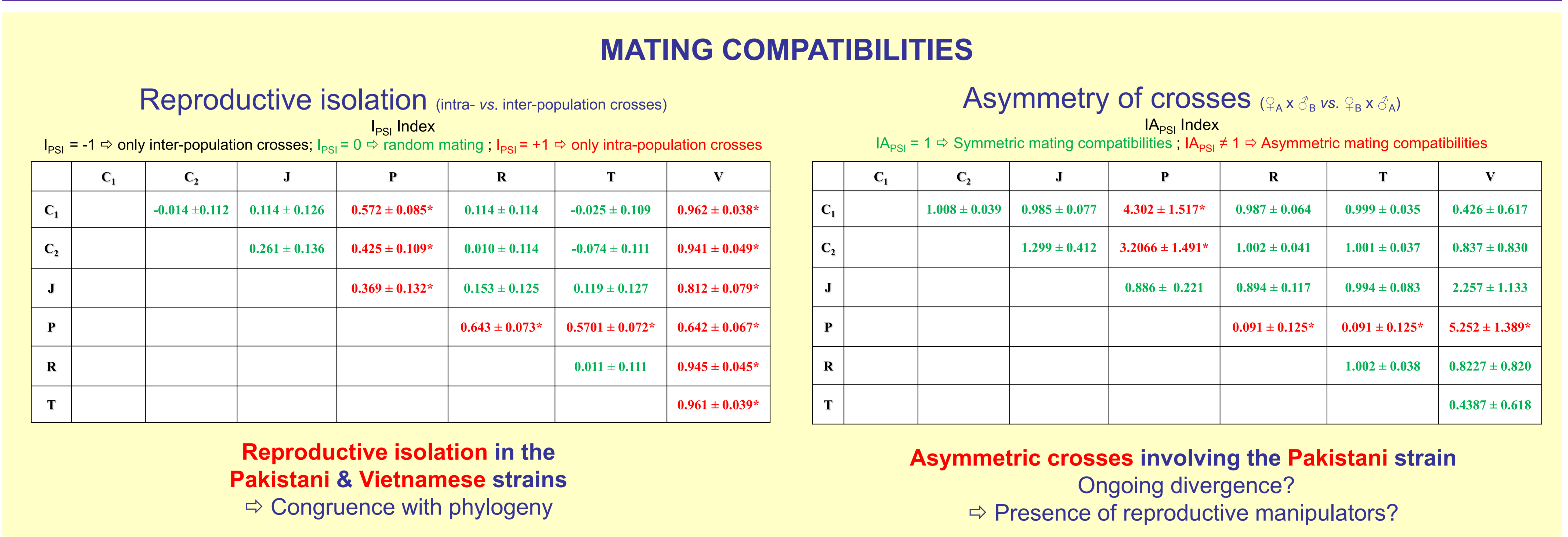
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Consequences of hybridization on fitness = a controversial topic
in evolutionary biology and applied ecology:
speciation, biological invasions, biological control, conservation biology

CASE STUDY: THE EGG PARASITOID *TRICHOGRAMMA CHILONIS*, A CANDIDATE BIOCONTROL AGENT



HYBRIDIZATION SUCCESS = MATING COMPATIBILITIES + HYBRID FITNESS



Variable outcomes of hybridization on fitness

Opportunities to exploit *a posteriori* the positive effects of hybridization
But: Can we really predict *a priori* the consequences of hybridization?