**Figure S7:** Maximum Parsimony tree (strict consensus of 3 trees, CI=0.78, RI=0.82) and geographical distribution for 98 DNA barcode records in the *Theretra oldenlandiae / Theretra insignis* complex. While subspecies *fuscata* (blue) of *T. oldenlandiae* and *kuhnei* (red) of *T. insignis* are both well differentiated genetically from all other taxa, subspecies *lewini* (yellow) is barely differentiated from the nominal subspecies of *T. oldenlandiae* (gray/white). Surprisingly, specimens of *T. insignis* are not genetically different either from *T. oldenlandiae lewini*, despite a very distinctive habitus. The genetic divergence between the latter and *T. insignis kuhnei* suggest however that we may be facing a case of current or past genetic introgression with specimens of *T. insignis* being of hybrid origin.
SUPPORTING INFORMATION
Rougerie et al., Australian Sphingidae – DNA barcodes challenge current species boundaries and distributions.

Theretra insignis

Theretra oldenlandiae fuscata

Theretra oldenlandiae lewini

(image of butterflies)

(Substitution number)