



Fig. 1. Survey routes (→), major cities ⊙, and collection sites (●) in Kumamoto and Kagoshima prefectures, Japan.

- *Glycine soja* (wild soybean)
- *Vigna angularis* var. *nipponensis* (wild azuki bean)
- ▲ *Vigna radiata* (mungbean)
- ▲ *Vigna unguiculata* (cowpea)
- *Vigna vexillata* (wild tuber cowpea)