

Taxonomy:

Order: Araneae

Family: Nephilinae

Genus: *Trichonephila***Species:** *plumipes***Geographical distribution:**

Throughout Australia

**Capture location (GPS) and date:** University of New South Wales (UNSW), Kensington (Sydney) Campus, 33.9173° S, 151.2313° E**Collector name and affiliation:** Sean J Blamires, UNSW**Available in a collection (Vouchere)?:** No**Silk type: Major Ampullate Silk - Maximum supercontracted** **α^* parameter: 0.18**

True stress at breaking (MPa): ~ 1335

True strain at breaking: ~ 0.95

