

**Tbl. 1:** Details on the sequence data from GenBank used for Fig. 3 and Supplementary Fig. 1: The GenBank accession numbers, species names, taxonomy IDs, sampling locations and the respective authors are listed

GenBank Acc	Species	NCBI TXID	Location	Reference
KY017702.1	<i>Allothelie australis</i>	389789	South Africa: Eastern Cape	Wheeler, Coddington, Crowley et al. 2017
MK735664.1	<i>Conothele</i> sp.	2601784	Australia	Huey, Hillyer & Harvey 2019
KJ745052.1	<i>Aname mellosa</i>	1168742	Australia: Pilbara	Castalanelli, Teale, Rix et al. 2014
KJ745097.1	<i>Aname whitei</i>	2663409	Australia: Pilbara	Castalanelli, Teale, Rix et al. 2014
OQ785651.1	<i>Macrothele hanfeii</i>	3040078	No information	Wu - direct submission
PV189979.1	<i>Macrothele nanning</i>	3402285	China: Guangxi, Nanning	Shao - direct submission
EF127258.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127262.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127265.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127269.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127253.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127264.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
KX538933.1	<i>Macrothele calpeiana</i>	427707	Italy: Villa d'Alme	Bellvert & Arnedo 2016
KX538932.1	<i>Macrothele calpeiana</i>	427707	Spain: Catalonia, Viver de Plajts	Bellvert & Arnedo 2016
EF127254.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127261.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127270.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127260.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
KX538935.1	<i>Macrothele calpeiana</i>	427707	Spain: Balearic Is., Majorca, Inca	Bellvert & Arnedo 2016
EF127268.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127256.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127259.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127263.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
EF127267.1	<i>Macrothele calpeiana</i>	427707	Iberian Peninsula: Andalusia	Arnedo & Ferrández 2007
PX488387.1	<i>Macrothele calpeiana</i>	427707	Austria: Lower Austria, 2534 Untermeierhof	This study

## References

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- Huey JA, Hillyer MJ & Harvey MS 2019 Phylogenetic relationships and biogeographic history of the Australian trapdoor spider genus *Conothele* (Araneae: Mygalomorphae: Halonoproctidae): Diversification into arid habitats in an otherwise tropical radiation. – Invertebrate Systematics 33: 628–643 – doi: [10.1071/IS18078](https://doi.org/10.1071/IS18078)
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