**Supplementary Table S1.** Museum registration and locality data for specimens used in this study, with GenBank accession numbers listed for mitochondrial ND2 gene sequences.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. condaminensis* | NMVZ33945 | MH355690 | Bongeen, QLD | -27.5313 | 151.4513 |
| *T. condaminensis* | NMVZ33964 | MH355701 | Bongeen, QLD | -27.5599 | 151.4487 |
| *T. condaminensis* | NMVZ33989 | MH355720 | Bongeen, QLD | -27.5608 | 151.4486 |
| *T. condaminensis* | QMJ82087 | KJ881038 | Brookstead, QLD | -27.7167 | 151.4333 |
| *T. condaminensis* | QMJ82088 | KJ881039 | Brookstead, QLD | -27.7167 | 151.4333 |
| *T. condaminensis* | NMVZ33982 | MH355712 | Chapmans Rd, Bongeen S, QLD | -27.6071 | 151.4285 |
| *T. condaminensis* | NMVZ33968 | MH355682 | Chapmans Rd, Bongeen S, QLD | -27.6071 | 151.4287 |
| *T. condaminensis* | NMVZ33969 | MH355705 | Chapmans Rd, Bongeen S, QLD | -27.6074 | 151.4311 |
| *T. condaminensis* | NMVZ33983 | MH355713 | Chapmans Rd, Bongeen S, QLD | -27.6075 | 151.4323 |
| *T. condaminensis* | NMVZ33985 | MH355715 | Chapmans Rd, Bongeen S, QLD | -27.6076 | 151.4331 |
| *T. condaminensis* | NMVZ33966 | MH355703 | Chapmans Rd, Bongeen S, QLD | -27.6083 | 151.4389 |
| *T. condaminensis* | NMVZ33986 | MH355716 | Chapmans Rd, Bongeen S, QLD | -27.6085 | 151.4397 |
| *T. condaminensis* | NMVZ33984 | MH355714 | Chapmans Rd, Bongeen S, QLD | -27.6088 | 151.4423 |
| *T. condaminensis* | NMVZ33967 | MH355704 | Chapmans Rd, Bongeen S, QLD | -27.6089 | 151.4426 |
| *T. condaminensis* | NMVZ33965 | MH355702 | Chapmans Rd, Bongeen S, QLD | -27.6090 | 151.4423 |
| *T. condaminensis* | NMVZ33952 | MH355697 | Evanslea , QLD | -27.5353 | 151.5214 |
| *T. condaminensis* | NMVZ33974 | MH355707 | Evanslea N, QLD | -27.5322 | 151.5237 |
| *T. condaminensis* | NMVZ33975 | MH355708 | Evanslea N, QLD | -27.5328 | 151.5256 |
| *T. condaminensis* | NMVZ33970 | MH355719 | Evanslea N, QLD | -27.5339 | 151.5337 |
| *T. condaminensis* | NMVZ33976 | MH355709 | Evanslea N, QLD | -27.5349 | 151.5421 |
| *T. condaminensis* | NMVZ33950 | MH355695 | Evanslea, QLD | -27.5358 | 151.5213 |
| *T. condaminensis* | NMVZ33951 | MH355696 | Evanslea, QLD | -27.5370 | 151.5204 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. condaminensis* | NMVZ33953 | MH355698 | Evanslea, QLD | -27.5370 | 151.5204 |
| *T. condaminensis* | NMVD77119 | MH355863 | Evanslea, QLD | -27.5370 | 151.5204 |
| *T. condaminensis* | NMVD77120 | MH355864 | Evanslea, QLD | -27.5382 | 151.5197 |
| *T. condaminensis* | NMVZ33954 | MH355699 | Evanslea, QLD | -27.5388 | 151.5194 |
| *T. condaminensis* | NMVZ33973 | MH355706 | Evanslea, QLD | -27.5426 | 151.5172 |
| *T. condaminensis* | NMVZ33946 | MH355691 | Glenmore, QLD | -27.7016 | 151.4723 |
| *T. condaminensis* | NMVZ33947 | MH355692 | Glenmore, QLD | -27.7022 | 151.4728 |
| *T. condaminensis* | NMVZ33948 | MH355693 | Glenmore, QLD | -27.7043 | 151.4741 |
| *T. condaminensis* | NMVZ33949 | MH355694 | Glenmore, QLD | -27.7086 | 151.4857 |
| *T. condaminensis* | QMJ81870 | KJ881037 | Kunari, Bongeen, QLD | -27.5350 | 151.4461 |
| *T. condaminensis* | QMJ81871 | KJ881040 | Kunari, Bongeen, QLD | -27.5350 | 151.4461 |
| *T. condaminensis* | QMA013042 | MH355721 | Mount Tyson, QLD | -27.5926 | 151.5391 |
| *T. condaminensis* | QMA013044 | MH355683 | Mount Tyson, QLD | -27.5926 | 151.5391 |
| *T. condaminensis* | QMA013045 | MH355722 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013046 | MH355723 | Mount Tyson, QLD | -27.5923 | 151.5372 |
| *T. condaminensis* | QMA013047 | MH355685 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013048 | MH355724 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013049 | MH355725 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013050 | MH355726 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013051 | MH355727 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013052 | MH355728 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013053 | MH355729 | Mount Tyson, QLD | -27.5926 | 151.5391 |
| *T. condaminensis* | QMA013054 | MH355730 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013055 | MH355731 | Mount Tyson, QLD | -27.5923 | 151.5372 |
| *T. condaminensis* | QMA013056 | MH355732 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013057 | MH355733 | Mount Tyson, QLD | -27.5924 | 151.5449 |
| *T. condaminensis* | QMA013059 | MH355686 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. condaminensis* | QMA013061 | MH355734 | Mount Tyson, QLD | -27.5861 | 151.5494 |
| *T. condaminensis* | QMA013062 | MH355735 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013063 | MH355687 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013064 | MH355736 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013065 | MH355684 | Mount Tyson, QLD | -27.5926 | 151.5418 |
| *T. condaminensis* | QMA013066 | MH355688 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013067 | MH355737 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013068 | MH355738 | Mount Tyson, QLD | -27.5925 | 151.5399 |
| *T. condaminensis* | QMA013069 | MH355689 | Mount Tyson, QLD | -27.5881 | 151.5389 |
| *T. condaminensis* | QMA013070 | MH355739 | Mount Tyson, QLD | -27.5861 | 151.5494 |
| *T. condaminensis* | QMA013071 | MH355740 | Mount Tyson, QLD | -27.5861 | 151.5494 |
| *T. condaminensis* | NMVZ33955 | MH355700 | Mt Russell, QLD | -27.5553 | 151.5249 |
| *T. condaminensis* | QMJ81784 | KJ881036 | Mt Tyson, QLD | -27.5833 | 151.5500 |
| *T. condaminensis* | NMVZ33990 | MH355717 | Nobby N, QLD | -27.8746 | 151.9016 |
| *T. condaminensis* | NMVZ33991 | MH355718 | Nobby N, QLD | -27.8747 | 151.9019 |
| *T. condaminensis* | NMVD77162 | MH355865 | Nobby N, QLD | -27.8765 | 151.9028 |
| *T. condaminensis* | NMVD77163 | MH355866 | Nobby N, QLD | -27.8765 | 151.9028 |
| *T. condaminensis* | NMVZ33979 | MH355711 | Saals N, Brookstead, QLD | -27.6913 | 151.4808 |
| *T. condaminensis* | NMVZ33978 | MH355710 | Ziesemers Rd, Bongeen N, QLD | -27.5497 | 151.4314 |
| *T. darlingensis* sp. nov. | SAMAR45265 | KJ881021 | 20km NW of Tilpa, NSW | -31.2000 | 144.5500 |
| *T. darlingensis* sp. nov. | NMVD77150 | MH355850 | Balonne Plains, St George, QLD | -28.2436 | 148.6759 |
| *T. darlingensis* sp. nov. | NMVD77155 | MH355853 | Balonne Plains, St George, QLD | -28.2632 | 148.6864 |
| *T. darlingensis* sp. nov. | QMJ96308 | MH355907 | Balonne Plains, St George, QLD | -28.2638 | 148.6748 |
| *T. darlingensis* sp. nov. | NMVD77152 | MH355851 | Balonne Plains, St George, QLD | -28.2648 | 148.6799 |
| *T. darlingensis* sp. nov. | QMJ96312 | MH355911 | Balonne Plains, St George, QLD | -28.2654 | 148.6860 |
| *T. darlingensis* sp. nov. | NMVD77153 | MH355852 | Balonne Plains, St George, QLD | -28.2654 | 148.6838 |
| *T. darlingensis* sp. nov. | NMVD77146 | MH355858 | Hortonvale, Cunnamulla , QLD | -27.9553 | 145.7397 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. darlingensis* sp. nov. | NMVD77148 | MH355859 | Hortonvale, Cunnamulla, QLD | -27.9418 | 145.7330 |
| *T. darlingensis* sp. nov. | QMJ96310 | MH355909 | Hortonvale, Cunnamulla, QLD | -27.9463 | 145.7376 |
| *T. darlingensis* sp. nov. | NMVZ34068 | MH355681 | Hortonvale, Cunnamulla, QLD | -27.9464 | 145.7376 |
| *T. darlingensis* sp. nov. | NMVD77143 | MH355847 | Hortonvale, Cunnamulla, QLD | -27.9471 | 145.7375 |
| *T. darlingensis* sp. nov. | QMJ96311 | MH355910 | Hortonvale, Cunnamulla, QLD | -27.9482 | 145.7405 |
| *T. darlingensis* sp. nov. | NMVZ34064 | MH355677 | Hortonvale, Cunnamulla, QLD | -27.9502 | 145.7371 |
| *T. darlingensis* sp. nov. | NMVZ34063 | MH355680 | Hortonvale, Cunnamulla, QLD | -27.9504 | 145.7371 |
| *T. darlingensis* sp. nov. | NMVZ34065 | MH355678 | Hortonvale, Cunnamulla, QLD | -27.9511 | 145.7402 |
| *T. darlingensis* sp. nov. | NMVD77147 | MH355848 | Hortonvale, Cunnamulla, QLD | -27.9525 | 145.7368 |
| *T. darlingensis* sp. nov. | NMVZ34066 | MH355679 | Hortonvale, Cunnamulla, QLD | -27.9527 | 145.7368 |
| *T. darlingensis* sp. nov. | NMVD77149 | MH355849 | Killowen, Cunnamulla, QLD | -27.9293 | 145.7867 |
| *T. darlingensis* sp. nov. | ANWCR5612 | AY133032 | Morella Station, 65km NNW of Walgett, NSW | -30.0167 | 148.1000 |
| *T. darlingensis* sp. nov. | NMVD77158 | MH355856 | Myall Plains, Nindigully, QLD | -28.3764 | 148.6526 |
| *T. darlingensis* sp. nov. | NMVD77156 | MH355854 | Myall Plains, Nindigully, QLD | -28.3770 | 148.6474 |
| *T. darlingensis* sp. nov. | NMVD77157 | MH355855 | Myall Plains, Nindigully, QLD | -28.3777 | 148.6422 |
| *T. darlingensis* sp. nov. | AMR163347 | DQ529271 | Northern NSW | NA | NA |
| *T. darlingensis* sp. nov. | NMVD77141 | MH355861 | S of airport, Mitchell, QLD | -26.4996 | 147.9369 |
| *T. darlingensis* sp. nov. | NMVD77117 | MH355860 | S of airport, Mitchell, QLD | -26.4996 | 147.9373 |
| *T. darlingensis* sp. nov. | QMJ96309 | MH355908 | S of airport, Mitchell, QLD | -26.4996 | 147.9374 |
| *T. darlingensis* sp. nov. | NMVD77142 | MH355862 | S of airport, Mitchell, QLD | -26.4996 | 147.9375 |
| *T. darlingensis* sp. nov. | NMVD77159 | MH355857 | Yilgangandi , St George S, QLD | -28.2900 | 148.6982 |
| *T. einasleighensis* sp. nov. | QMJ83500 | MH355844 | Abingdon Downs Rd, N of Georgetown, QLD | -18.1833 | 143.5200 |
| *T. einasleighensis* sp. nov. | NMVZ34085 | MH355831 | Inorunie Rd, Croydon E, QLD | -18.2111 | 142.6993 |
| *T. einasleighensis* sp. nov. | NMVZ34086 | MH355832 | Inorunie Rd, Croydon E, QLD | -18.2112 | 142.6957 |
| *T. einasleighensis* sp. nov. | NMVD77178 | MH355902 | Inorunie Rd, Croydon E, QLD | -18.2123 | 142.6929 |
| *T. einasleighensis* sp. nov. | NMVD77179 | MH355903 | Inorunie Rd, Croydon E, QLD | -18.2138 | 142.7132 |
| *T. einasleighensis* sp. nov. | NMVD74081 | EU727391 | Richmond Rd, Esmeralda N, QLD | -18.5619 | 142.5678 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. einasleighensis* sp. nov. | NMVZ34099 | MH355842 | Richmond Rd, Esmeralda N, QLD | -18.5603 | 142.5687 |
| *T. einasleighensis* sp. nov. | QMJ96322 | MH355921 | Richmond Rd, Esmeralda N, QLD | -18.5616 | 142.5682 |
| *T. einasleighensis* sp. nov. | NMVZ34098 | MH355837 | Richmond Rd, Esmeralda N, QLD | -18.5617 | 142.5680 |
| *T. einasleighensis* sp. nov. | NMVZ34096 | MH355835 | Richmond Rd, Esmeralda N, QLD | -18.5622 | 142.5676 |
| *T. einasleighensis* sp. nov. | NMVZ34097 | MH355836 | Richmond Rd, Esmeralda N, QLD | -18.5622 | 142.5676 |
| *T. einasleighensis* sp. nov. | NMVZ34095 | MH355834 | Richmond Rd, Esmeralda N, QLD | -18.5635 | 142.5662 |
| *T. einasleighensis* sp. nov. | QMJ96320 | MH355919 | Richmond Rd, Esmeralda N, QLD | -18.5645 | 142.5651 |
| *T. einasleighensis* sp. nov. | QMJ96321 | MH355920 | Richmond Rd, Esmeralda N, QLD | -18.5645 | 142.5651 |
| *T. einasleighensis* sp. nov. | NMVZ34090 | MH355838 | Richmond Rd, Esmeralda N, QLD | -18.5645 | 142.5651 |
| *T. einasleighensis* sp. nov. | NMVD77187 | MH355904 | Richmond Rd, Esmeralda N, QLD | -18.5649 | 142.5646 |
| *T. einasleighensis* sp. nov. | NMVZ34094 | MH355833 | Richmond Rd, Esmeralda N, QLD | -18.5651 | 142.5644 |
| *T. einasleighensis* sp. nov. | NMVZ34093 | MH355841 | Richmond Rd, Esmeralda N, QLD | -18.5668 | 142.5628 |
| *T. einasleighensis* sp. nov. | QMJ96318 | MH355917 | Richmond Rd, Esmeralda N, QLD | -18.5672 | 142.5626 |
| *T. einasleighensis* sp. nov. | NMVZ34092 | MH355840 | Richmond Rd, Esmeralda N, QLD | -18.5673 | 142.5625 |
| *T. einasleighensis* sp. nov. | QMJ96319 | MH355918 | Richmond Rd, Esmeralda N, QLD | -18.5675 | 142.5625 |
| *T. einasleighensis* sp. nov. | NMVZ34091 | MH355839 | Richmond Rd, Esmeralda N, QLD | -18.5899 | 142.5659 |
| *T. einasleighensis* sp. nov. | NMVD74082 | MH355843 | Richmond Rd, Esmeralda N, QLD | -18.5619 | 142.5678 |
| *T. einasleighensis* sp. nov. | NMVD74091 | EU727392 | Thornborough Rd, Thornborough S, QLD | -17.0011 | 145.0319 |
| *T. einasleighensis* sp. nov. | NMVD74092 | MH355830 | Thornborough Rd, Thornborough S, QLD | -17.0011 | 145.0319 |
| *T. einasleighensis* sp. nov. | NMVD77264 | MH355899 | Thornborough Rd, Thornborough S, QLD | -16.9944 | 145.0298 |
| *T. einasleighensis* sp. nov. | NMVD77265 | MH355900 | Thornborough Rd, Thornborough S, QLD | -16.9991 | 145.0312 |
| *T. einasleighensis* sp. nov. | NMVZ34075 | MH355828 | Thornborough Rd, Thornborough S, QLD | -16.9995 | 145.0304 |
| *T. einasleighensis* sp. nov. | NMVD77267 | MH355901 | Thornborough Rd, Thornborough S, QLD | -17.0001 | 145.0300 |
| *T. einasleighensis* sp. nov. | NMVZ34078 | MH355829 | Thornborough Rd, Thornborough S, QLD | -17.0010 | 145.0296 |
| *T. hobsoni* sp. nov*.* | QMJ77690 | EU727390 | Peak Downs Hwy, Clermont N | -22.0000 | 147.0000 |
| *T. hobsoni* sp. nov*.* | QMJ77688 | MH355789 | Peak Downs Hwy, Clermont N, QLD | -22.0000 | 147.0000 |
| *T. hobsoni* sp. nov*.* | NMVZ34047 | MH355802 | Bettafield, Gindie, QLD | -23.7277 | 148.2881 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. hobsoni* sp. nov*.* | NMVZ34045 | MH355800 | Bettafield, Gindie, QLD | -23.7286 | 148.2864 |
| *T. hobsoni* sp. nov*.* | NMVZ34042 | MH355797 | Bettafield, Gindie, QLD | -23.7289 | 148.2869 |
| *T. hobsoni* sp. nov*.* | NMVZ34044 | MH355799 | Bettafield, Gindie, QLD | -23.7290 | 148.2882 |
| *T. hobsoni* sp. nov*.* | NMVZ34043 | MH355798 | Bettafield, Gindie, QLD | -23.7291 | 148.2885 |
| *T. hobsoni* sp. nov*.* | NMVZ33956 | MH355791 | Bettafield, Gindie, QLD | -23.7296 | 148.2938 |
| *T. hobsoni* sp. nov*.* | NMVD77121 | MH355883 | Bettafield, Gindie, QLD | -23.7298 | 148.2960 |
| *T. hobsoni* sp. nov*.* | NMVD77122 | MH355884 | Bettafield, Gindie, QLD | -23.7299 | 148.2975 |
| *T. hobsoni* sp. nov*.* | NMVZ33996 | MH355796 | Bettafield, Gindie, QLD | -23.7329 | 148.2879 |
| *T. hobsoni* sp. nov*.* | NMVZ33995 | MH355795 | Bettafield, Gindie, QLD | -23.7331 | 148.2864 |
| *T. hobsoni* sp. nov*.* | NMVD77123 | MH355885 | Bettafield, Gindie, QLD | -23.7343 | 148.2834 |
| *T. hobsoni* sp. nov*.* | NMVZ33957 | MH355792 | Bettafield, Gindie, QLD | -23.7345 | 148.2834 |
| *T. hobsoni* sp. nov*.* | NMVZ34046 | MH355801 | Bettafield, Gindie, QLD | -23.7458 | 148.2905 |
| *T. hobsoni* sp. nov*.* | NMVD77125 | MH355888 | Glendariwell, Gemfields, QLD | -23.5986 | 147.8096 |
| *T. hobsoni* sp. nov*.* | NMVZ34038 | MH355806 | Glendariwell, Gemfields, QLD | -23.6002 | 147.8283 |
| *T. hobsoni* sp. nov*.* | NMVD77165 | MH355891 | Glendariwell, Gemfields, QLD | -23.6018 | 147.8278 |
| *T. hobsoni* sp. nov*.* | NMVZ34039 | MH355807 | Glendariwell, Gemfields, QLD | -23.6023 | 147.8277 |
| *T. hobsoni* sp. nov*.* | NMVD77126 | MH355889 | Glendariwell, Gemfields, QLD | -23.6027 | 147.8582 |
| *T. hobsoni* sp. nov*.* | NMVZ34040 | MH355808 | Glendariwell, Gemfields, QLD | -23.6031 | 147.8272 |
| *T. hobsoni* sp. nov*.* | NMVZ34041 | MH355809 | Glendariwell, Gemfields, QLD | -23.6033 | 147.8269 |
| *T. hobsoni* sp. nov*.* | QMJ96317 | MH355916 | Glendariwell, Gemfields, QLD | -23.6034 | 147.8247 |
| *T. hobsoni* sp. nov*.* | NMVD77166 | MH355892 | Glendariwell, Gemfields, QLD | -23.6036 | 147.8251 |
| *T. hobsoni* sp. nov*.* | NMVD77164 | MH355890 | Glendariwell, Gemfields, QLD | -23.6154 | 147.8293 |
| *T. hobsoni* sp. nov*.* | NMVZ34016 | MH355810 | Homelea Downs, Clermont, QLD | -22.6872 | 147.6753 |
| *T. hobsoni* sp. nov*.* | NMVZ34017 | MH355778 | Homelea Downs, Clermont, QLD | -22.6872 | 147.6754 |
| *T. hobsoni* sp. nov*.* | NMVZ34018 | MH355811 | Homelea Downs, Clermont, QLD | -22.6876 | 147.6759 |
| *T. hobsoni* sp. nov*.* | NMVZ34019 | MH355779 | Homelea Downs, Clermont, QLD | -22.6878 | 147.6760 |
| *T. hobsoni* sp. nov*.* | NMVZ34020 | MH355906 | Homelea Downs, Clermont, QLD | -22.6888 | 147.6772 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. hobsoni* sp. nov*.* | NMVD77132 | MH355880 | Homelea Downs, Clermont, QLD | -22.6898 | 147.6776 |
| *T. hobsoni* sp. nov*.* | NMVZ34021 | MH355812 | Homelea Downs, Clermont, QLD | -22.6901 | 147.6788 |
| *T. hobsoni* sp. nov*.* | NMVZ34022 | MH355818 | Homelea Downs, Clermont, QLD | -22.6904 | 147.6792 |
| *T. hobsoni* sp. nov*.* | NMVZ34023 | MH355780 | Homelea Downs, Clermont, QLD | -22.6917 | 147.6808 |
| *T. hobsoni* sp. nov*.* | NMVZ34024 | MH355813 | Homelea Downs, Clermont, QLD | -22.6917 | 147.6808 |
| *T. hobsoni* sp. nov*.* | QMJ96315 | MH355914 | Homelea Downs, Clermont, QLD | -22.6918 | 147.6768 |
| *T. hobsoni* sp. nov*.* | NMVZ34026 | MH355781 | Homelea Downs, Clermont, QLD | -22.6926 | 147.6817 |
| *T. hobsoni* sp. nov*.* | NMVD77134 | MH355881 | Homelea Downs, Clermont, QLD | -22.6936 | 147.6762 |
| *T. hobsoni* sp. nov*.* | NMVZ34027 | MH355760 | Homelea Downs, Clermont, QLD | -22.6946 | 147.6841 |
| *T. hobsoni* sp. nov*.* | NMVD77135 | MH355882 | Homelea Downs, Clermont, QLD | -22.6948 | 147.6776 |
| *T. hobsoni* sp. nov*.* | NMVZ34028 | MH355782 | Homelea Downs, Clermont, QLD | -22.6955 | 147.6852 |
| *T. hobsoni* sp. nov*.* | NMVZ34029 | MH355783 | Homelea Downs, Clermont, QLD | -22.6959 | 147.6857 |
| *T. hobsoni* sp. nov*.* | NMVZ34032 | MH355786 | Homelea Downs, Clermont, QLD | -22.7194 | 147.6854 |
| *T. hobsoni* sp. nov*.* | NMVZ34031 | MH355785 | Homelea Downs, Clermont, QLD | -22.7203 | 147.6868 |
| *T. hobsoni* sp. nov*.* | NMVZ34030 | MH355784 | Homelea Downs, Clermont, QLD | -22.7214 | 147.6957 |
| *T. hobsoni* sp. nov*.* | NMVZ34033 | MH355787 | Homelea Downs, Clermont, QLD | -22.7233 | 147.6947 |
| *T. hobsoni* sp. nov*.* | NMVD77136 | MH355887 | Orana Downs, Orion, QLD | -24.2579 | 148.3510 |
| *T. hobsoni* sp. nov*.* | NMVZ33993 | MH355804 | Orana Downs, Orion, QLD | -24.2586 | 148.3531 |
| *T. hobsoni* sp. nov*.* | NMVZ33994 | MH355805 | Orana Downs, Orion, QLD | -24.2586 | 148.3357 |
| *T. hobsoni* sp. nov*.* | NMVZ33992 | MH355803 | Orana Downs, Orion, QLD | -24.2590 | 148.3529 |
| *T. hobsoni* sp. nov*.* | QMJ96316 | MH355915 | Orana Downs, Orion, QLD | -24.2597 | 148.3468 |
| *T. hobsoni* sp. nov*.* | NMVD77130 | MH355878 | Retro , Capella N , QLD | -22.8613 | 147.8836 |
| *T. hobsoni* sp. nov*.* | NMVZ34010 | MH355772 | Retro, Capella N, QLD | -22.8449 | 147.8904 |
| *T. hobsoni* sp. nov*.* | NMVZ34011 | MH355773 | Retro, Capella N, QLD | -22.8449 | 147.8905 |
| *T. hobsoni* sp. nov*.* | NMVZ34012 | MH355774 | Retro, Capella N, QLD | -22.8465 | 147.8910 |
| *T. hobsoni* sp. nov*.* | NMVZ34013 | MH355775 | Retro, Capella N, QLD | -22.8466 | 147.8910 |
| *T. hobsoni* sp. nov*.* | NMVZ34014 | MH355776 | Retro, Capella N, QLD | -22.8468 | 147.8910 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. hobsoni* sp. nov*.* | NMVZ34015 | MH355777 | Retro, Capella N, QLD | -22.8474 | 147.8911 |
| *T. hobsoni* sp. nov*.* | NMVZ34009 | MH355771 | Retro, Capella N, QLD | -22.8477 | 147.8911 |
| *T. hobsoni* sp. nov*.* | NMVZ34008 | MH355770 | Retro, Capella N, QLD | -22.8495 | 147.8922 |
| *T. hobsoni* sp. nov*.* | NMVZ34007 | MH355769 | Retro, Capella N, QLD | -22.8497 | 147.8923 |
| *T. hobsoni* sp. nov*.* | NMVZ33997 | MH355788 | Retro, Capella N, QLD | -22.8569 | 147.8747 |
| *T. hobsoni* sp. nov*.* | NMVZ34000 | MH355764 | Retro, Capella N, QLD | -22.8579 | 147.8748 |
| *T. hobsoni* sp. nov*.* | NMVZ33998 | MH355763 | Retro, Capella N, QLD | -22.8581 | 147.8750 |
| *T. hobsoni* sp. nov*.* | NMVZ34004 | MH355767 | Retro, Capella N, QLD | -22.8585 | 147.8750 |
| *T. hobsoni* sp. nov*.* | NMVZ33961 | MH355762 | Retro, Capella N, QLD | -22.8588 | 147.8754 |
| *T. hobsoni* sp. nov*.* | NMVZ34005 | MH355768 | Retro, Capella N, QLD | -22.8594 | 147.8753 |
| *T. hobsoni* sp. nov*.* | NMVZ33999 | MH355790 | Retro, Capella N, QLD | -22.8595 | 147.8752 |
| *T. hobsoni* sp. nov*.* | NMVZ34006 | MH355817 | Retro, Capella N, QLD | -22.8597 | 147.8753 |
| *T. hobsoni* sp. nov*.* | NMVD77131 | MH355879 | Retro, Capella N, QLD | -22.8597 | 147.8759 |
| *T. hobsoni* sp. nov*.* | NMVZ34001 | MH355765 | Retro, Capella N, QLD | -22.8601 | 147.8753 |
| *T. hobsoni* sp. nov*.* | QMJ96314 | MH355913 | Retro, Capella N, QLD | -22.8604 | 147.8761 |
| *T. hobsoni* sp. nov*.* | QMJ96313 | MH355912 | Retro, Capella N, QLD | -22.8606 | 147.8763 |
| *T. hobsoni* sp. nov*.* | NMVZ33960 | MH355761 | Retro, Capella N, QLD | -22.8607 | 147.8811 |
| *T. hobsoni* sp. nov*.* | NMVZ34003 | MH355766 | Retro, Capella N, QLD | -22.8607 | 147.8759 |
| *T. hobsoni* sp. nov*.* | NMVZ34036 | MH355815 | Theresa Downs , Capella S , QLD | -23.3128 | 148.0490 |
| *T. hobsoni* sp. nov*.* | NMVZ34037 | MH355816 | Theresa Downs, Capella S , QLD | -23.3130 | 148.0491 |
| *T. hobsoni* sp. nov*.* | NMVD77127 | MH355877 | Theresa Downs, Capella S, QLD | -23.3035 | 148.0415 |
| *T. hobsoni* sp. nov*.* | NMVZ34034 | MH355814 | Theresa Downs, Capella S, QLD | -23.3081 | 148.0444 |
| *T. hobsoni* sp. nov*.* | NMVZ33958 | MH355793 | Wyntoon , Arcturus , QLD | -23.8820 | 148.3133 |
| *T. hobsoni* sp. nov*.* | NMVZ33959 | MH355794 | Wyntoon, Arcturus, QLD | -23.8838 | 148.3148 |
| *T. hobsoni* sp. nov*.* | NMVD77124 | MH355886 | Wyntoon, Arcturus, QLD | -23.8850 | 148.3143 |
| *T. pentalineata* | NMVD77192 | MH355893 | Burke Developmental Rd, Normanton, QLD | -18.2655 | 140.8126 |
| *T. pentalineata* | NMVZ34100 | MH355819 | Burke Developmental Rd, Normanton, QLD | -18.3294 | 140.8042 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. pentalineata* | NMVZ34101 | MH355820 | Burke Developmental Rd, Normanton, QLD | -18.3294 | 140.8042 |
| *T. pentalineata* | NMVD77193 | MH355894 | Burke Developmental Rd, Normanton, QLD | -18.3349 | 140.8021 |
| *T. pentalineata* | NMVZ34108 | MH355827 | Burke Developmental Rd, Normanton, QLD | -18.3435 | 140.8012 |
| *T. pentalineata* | NMVZ34102 | MH355821 | Burke Developmental Rd, Normanton, QLD | -18.3438 | 140.8011 |
| *T. pentalineata* | NMVZ34107 | MH355826 | Burke Developmental Rd, Normanton, QLD | -18.3439 | 140.8008 |
| *T. pentalineata* | NMVZ34106 | MH355825 | Burke Developmental Rd, Normanton, QLD | -18.3557 | 140.7946 |
| *T. pentalineata* | NMVZ34105 | MH355824 | Burke Developmental Rd, Normanton, QLD | -18.3641 | 140.7902 |
| *T. pentalineata* | NMVD77197 | MH355898 | Burke Developmental Rd, Normanton, QLD | -18.3693 | 140.7874 |
| *T. pentalineata* | NMVD77196 | MH355897 | Burke Developmental Rd, Normanton, QLD | -18.3699 | 140.7870 |
| *T. pentalineata* | NMVD77195 | MH355896 | Burke Developmental Rd, Normanton, QLD | -18.3842 | 140.7796 |
| *T. pentalineata* | NMVD77194 | MH355895 | Burke Developmental Rd, Normanton, QLD | -18.3860 | 140.7785 |
| *T. pentalineata* | NMVZ34104 | MH355823 | Burke Developmental Rd, Normanton, QLD | -18.3957 | 140.7736 |
| *T. pentalineata* | NMVZ34103 | MH355822 | Burke Developmental Rd, Normanton, QLD | -18.3959 | 140.7733 |
| *T. pentalineata* | NMVD74073 | KJ881041 | Gulf Development Road, 50 km S of Normanton, QLD | -18.1081 | 140.8833 |
| *T. pentalineata* | NMVD74075 | KJ881042 | Gulf Development Road, 50 km S of Normanton, QLD | -18.1081 | 140.8833 |
| *T. pentalineata* | NMVD74074 | KJ881043 | Gulf Development Road, 50 km S of Normanton, QLD | -18.1081 | 140.8833 |
| *T. tetraporophora* | AMR143863 | KJ881103 | 0.7km NE of Winton, QLD | -22.3667 | 143.0333 |
| *T. tetraporophora* | SAMAR51945 | KJ881086 | 1.5km WSW of Reedy Hole Springs, SA | -30.2500 | 138.8333 |
| *T. tetraporophora* | SAMAR42806 | KJ881105 | 10km NW of Diamantina Station, QLD | -23.7667 | 141.1333 |
| *T. tetraporophora* | AMR151128 | KJ881092 | 12 Mile Creek Crossing, Sturt National Park, NSW | -29.2000 | 141.9667 |
| *T. tetraporophora* | SAMAR46481 | KJ881073 | 13.6k S of Mungutana Dam, SA | -29.3333 | 135.6833 |
| *T. tetraporophora* | SAMAR54453 | KJ881121 | 15km S of Julia Creek, QLD | -20.8192 | 141.7414 |
| *T. tetraporophora* | SAMAR46371 | KJ881087 | 2.5k W of Wangianna Rail Siding, SA | -29.6500 | 137.7000 |
| *T. tetraporophora* | AMR143897 | KJ881101 | 22.3km N of Barkly Hwy, Cloncurry, QLD | -20.5833 | 140.4333 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. tetraporophora* | SAMAR26805 | KJ881074 | 25km S of Mabel Ck Homestead, SA | -28.9380 | 134.3230 |
| *T. tetraporophora* | AMR143850 | KJ881102 | 28km E of Ilfracombe, Landsborough Hwy, QLD | -23.6000 | 144.5833 |
| *T. tetraporophora* | AMR147225 | KJ881112 | 3.6km E of Soudan, 105km W of Camooweal, NT | -19.6167 | 138.5167 |
| *T. tetraporophora* | AMR147226 | KJ881113 | 3.6km E of Soudan, 105km W of Camooweal, NT | -19.6167 | 138.5167 |
| *T. tetraporophora* | SAMAR46041 | KJ881099 | 30km SE of Moomba Gas Field, SA | -28.1500 | 140.1667 |
| *T. tetraporophora* | SAMAR20871 | KJ881077 | 48km S of Olympic Dam, SA | -30.4500 | 136.9000 |
| *T. tetraporophora* | AMR147233 | KJ881111 | 52km N of Barkly Roadhouse, Cape Crawford Rd, NT | -19.7000 | 135.8167 |
| *T. tetraporophora* | ANWCR6135 | KJ881066 | 54km E of Mulga Park Station, Mulga Park Rd, NT | -25.9833 | 131.5833 |
| *T. tetraporophora* | SAMAR53153 | KJ881085 | 5km N of Callory Bore, SA | -31.8000 | 138.7500 |
| *T. tetraporophora* | SAMAR46999 | KJ881062 | 5km S of Mosquito Camp Dam, SA | -26.1000 | 134.4833 |
| *T. tetraporophora* | SAMAR38091 | KJ881065 | 5km SE of Mt Crispe, SA | -26.4000 | 135.3833 |
| *T. tetraporophora* | SAMAR46538 | KJ881076 | 5km W of Mt Margaret, SA | -28.4833 | 136.0667 |
| *T. tetraporophora* | AMR147236 | KJ881114 | 6km along Old Barkly Stock Route, Tablelands Hwy, NT | -17.9833 | 135.1833 |
| *T. tetraporophora* | SAMAR55728 | KJ881119 | 7.5km E of Julia Ck on Flinders Hwy, QLD | -20.6547 | 141.8111 |
| *T. tetraporophora* | SAMAR41301 | KJ881083 | Aldermans Catch, SA | -32.5333 | 140.6167 |
| *T. tetraporophora* | SAMAR48423 | KJ881068 | Allandale Station, SA | -27.6167 | 135.5833 |
| *T. tetraporophora* | AMR151146 | KJ881089 | Binerah Downs, Sturt National Park, NSW | -29.0167 | 141.5500 |
| *T. tetraporophora* | AMR151144 | KJ881090 | Binerah Downs, Sturt National Park, NSW | -29.0167 | 141.5500 |
| *T. tetraporophora* | NMVD72694 | KJ881115 | Brunette Downs Homestead Rd, Tablelands Hwy, NT | -18.6353 | 135.9584 |
| *T. tetraporophora* | NMVD72739 | KJ881116 | Brunette Downs Homestead Rd, Tablelands Hwy, NT | -18.6353 | 135.9584 |
| *T. tetraporophora* | QMJ82191 | KJ881024 | Diamantina NP, QLD | -23.7797 | 141.1944 |
| *T. tetraporophora* | QMJ74792 | KJ881025 | Ernest Henry Mine Site, 20km N of Cloncurry, QLD | -20.4381 | 140.7125 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. tetraporophora* | QMJ74793 | KJ881026 | Ernest Henry Mine Site, 20km N of Cloncurry, QLD | -20.4381 | 140.7125 |
| *T. tetraporophora* | SAMAR42934 | KJ881100 | Eromanga Dump, QLD | -26.3333 | 142.8667 |
| *T. tetraporophora* | SAMAR26543 | KJ881070 | Granite Downs Homestead, SA | -26.9333 | 133.4833 |
| *T. tetraporophora* | NMVD72744 | KJ881047 | Hamilton-Dalhousie Rd, 17km from Hamilton Station homestead, SA | -26.6579 | 135.2037 |
| *T. tetraporophora* | NMVD72741 | KJ881044 | Hamilton-Dalhousie Rd, 20km from Hamilton Station homestead, SA | -26.6612 | 135.2188 |
| *T. tetraporophora* | NMVD72736 | KJ881045 | Hamilton-Dalhousie Rd, 20km from Hamilton Station homestead, SA | -26.6600 | 135.2200 |
| *T. tetraporophora* | NMVD72753 | KJ881046 | Hamilton-Dalhousie Rd, 20km from Hamilton Station homestead, SA | -26.6600 | 135.2200 |
| *T. tetraporophora* | SAMAR31167 | KJ881097 | Innamincka Ruins, SA | -27.7333 | 140.7333 |
| *T. tetraporophora* | SAMAR32468 | KJ881098 | Innamincka, SA | -27.7333 | 140.7333 |
| *T. tetraporophora* | SAMAR41504 | KJ881084 | Manunda Ck, SA | -32.7667 | 139.6500 |
| *T. tetraporophora* | AMR153258 | KJ881091 | Milparinka, SA | -29.7167 | 141.8667 |
| *T. tetraporophora* | SAMAR48380 | KJ881075 | Mount Barry Station, SA | -28.2333 | 134.9833 |
| *T. tetraporophora* | NMVD72752 | KJ881048 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72755 | KJ881049 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72756 | KJ881050 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72757 | KJ881051 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72758 | KJ881052 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72760 | KJ881053 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72761 | KJ881054 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72762 | KJ881055 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72763 | KJ881056 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72764 | KJ881057 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72765 | KJ881058 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. tetraporophora* | NMVD72766 | KJ881059 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | NMVD72770 | KJ881060 | Mt Dare Road, NT | -25.9751 | 135.1017 |
| *T. tetraporophora* | NMVD72754 | KJ881061 | Mt Dare Road, NT | -25.9751 | 135.1017 |
| *T. tetraporophora* | NMVD72759 | KJ881063 | Mt Dare Road, NT | -25.9751 | 135.0850 |
| *T. tetraporophora* | AMR151151 | KJ881088 | Mt Wood Homestead, Sturt National Park, NSW | -29.4833 | 142.2333 |
| *T. tetraporophora* | QMJ81203 | KJ881106 | Myuna Station, S of Richmond, QLD | -21.0670 | 143.2170 |
| *T. tetraporophora* | NMVD72768 | KJ881064 | Near Dalhousie Springs, NT | -25.9751 | 135.1017 |
| *T. tetraporophora* | NTMR24487 | KJ881117 | Near Lake Corella, Barkly Tableland, NT | -18.7214 | 135.5878 |
| *T. tetraporophora* | SAMAR48505 | KJ881071 | Nilpinna Station, SA | -28.2000 | 135.6833 |
| *T. tetraporophora* | AMR151141 | KJ881093 | Olive Downs Homestead, Sturt National Park, NSW | -29.0500 | 141.8500 |
| *T. tetraporophora* | SAMAR47309 | KJ881072 | Peake Station, SA | -28.2333 | 135.9000 |
| *T. tetraporophora* | SAMAR54036 | KJ881120 | Playford River Crossing, Tablelands Hwy, NT | -19.2889 | 136.0572 |
| *T. tetraporophora* | NMVD74049 | KJ881109 | Road to Gregory Downs, 16km S of Carpentaria Highway, QLD | -17.8736 | 139.3442 |
| *T. tetraporophora* | NMVD74048 | KJ881110 | Road to Gregory Downs, 16km S of Carpentaria Highway, QLD | -17.8736 | 139.3442 |
| *T. tetraporophora* | NMVD74051 | KJ881107 | Road to Gregory Downs, 3km S of Carpentaria Highway, QLD | -17.8875 | 138.3358 |
| *T. tetraporophora* | NMVD74046 | KJ881108 | Road to Gregory Downs, 8km S of Carpentaria Highway, QLD | -17.9350 | 139.3019 |
| *T. tetraporophora* | SAMAR42734 | KJ881104 | SE of Muttaburra, QLD | -22.5833 | 144.5167 |
| *T. tetraporophora* | AMR152948 | KJ881094 | Silver City Hwy, 0.18km S of Olive Downs Rd, Sturt National Park, NSW | -29.0500 | 141.8500 |
| *T. tetraporophora* | QMJ84186 | MH355846 | Stirling Downs, 30km SSW of Tambo, 25, QLD | -25.0914 | 146.0817 |
| *T. tetraporophora* | QMJ84184 | MH355845 | Stirling Downs, 30km SSW of Tambo, 25, QLD | -25.1261 | 146.1050 |
| *T. tetraporophora* | QMJ84185 | KJ881029 | Stirling Downs, 30km SSW of Tambo, QLD | -25.0947 | 146.1006 |
| *T. tetraporophora* | QMJ84187 | KJ881031 | Stirling Downs, 30km SSW of Tambo, QLD | -25.0914 | 146.0817 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. tetraporophora* | SAMAR44722 | KJ881069 | Todmorden Station, SA | -27.1333 | 134.7500 |
| *T. tetraporophora* | SAMAR54456 | KJ881118 | Toorak Homestead, QLD | -21.0250 | 141.7806 |
| *T. tetraporophora* | NMVD71386 | KJ881078 | Track to Corona Station, N of Broken Hill, NSW | -31.4428 | 141.4863 |
| *T. tetraporophora* | NMVD71387 | KJ881079 | Track to Corona Station, N of Broken Hill, NSW | -31.4428 | 141.4833 |
| *T. tetraporophora* | NMVD71388 | KJ881080 | Track to Corona Station, N of Broken Hill, NSW | -31.6788 | 141.5665 |
| *T. tetraporophora* | NMVD71389 | KJ881081 | Track to Corona Station, N of Broken Hill, NSW | -31.6788 | 141.5665 |
| *T. tetraporophora* | NMVD71390 | KJ881082 | Track to Corona Station, N of Broken Hill, NSW | -31.6788 | 141.5665 |
| *T. tetraporophora* | QMJ48542 | KJ881096 | Watson Oilfield, 100km S of Jackson, QLD | -26.6333 | 149.6333 |
| *T. tetraporophora* | AMR151676 | KJ881095 | White Cliffs Rd, 34.7km E of Silver City Hwy, NSW | -30.8333 | 143.0833 |
| *T. tetraporophora* | QMJ83530 | KJ881023 | Whitehill Station, SW of Longreach, QLD | -23.6360 | 144.0348 |
| *T. tetraporophora* | QMJ83852 | KJ881027 | Woolston, SE of Richmond, QLD | -21.1164 | 142.7456 |
| *T. tetraporophora* | QMJ83854 | KJ881028 | Woolston, SE of Richmond, QLD | -21.1164 | 142.7456 |
| *T. wilsoni* | NMVD77113 | MH355905 | Bindango Rd, Hodgson, QLD | -26.5743 | 148.6557 |
| *T. wilsoni* | QMJ87307 | KJ881033 | Cherax Flats, Hodgson, QLD | -26.5736 | 148.6439 |
| *T. wilsoni* | NMVD77170 | MH355873 | Crockdantigh , Muckadilla, QLD | -26.5943 | 148.4326 |
| *T. wilsoni* | NMVD77171 | MH355874 | Crockdantigh, Muckadilla, QLD | -26.5924 | 148.4324 |
| *T. wilsoni* | NMVZ34052 | MH355752 | Crockdantigh, Muckadilla, QLD | -26.5944 | 148.4326 |
| *T. wilsoni* | NMVZ33941 | MH355744 | Eurella Settlers Rd, Amby, QLD | -26.5108 | 148.2935 |
| *T. wilsoni* | NMVZ33940 | MH355743 | Eurella Settlers Rd, Amby, QLD | -26.5199 | 148.2896 |
| *T. wilsoni* | NMVZ34062 | MH355758 | Eurella Settlers Rd, Amby, QLD | -26.5297 | 148.2884 |
| *T. wilsoni* | NMVZ33938 | MH355741 | Eurella Settlers Rd, Amby, QLD | -26.5324 | 148.2881 |
| *T. wilsoni* | NMVD77116 | MH355869 | Eurella Settlers Rd, Amby, QLD | -26.5339 | 148.2875 |
| *T. wilsoni* | NMVZ33939 | MH355742 | Eurella Settlers Rd, Amby, QLD | -26.5433 | 148.2833 |
| *T. wilsoni* | NMVZ34061 | MH355757 | Eurella Settlers Rd, Amby, QLD | -26.5454 | 148.2823 |
| *T. wilsoni* | NMVZ34060 | MH355756 | Eurella Settlers Rd, Amby, QLD | -26.5460 | 148.2820 |
| *T. wilsoni* | NMVD77115 | MH355868 | Eurella Settlers Rd, Amby, QLD | -26.5488 | 148.2805 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. wilsoni* | NMVD77168 | MH355871 | Fletchers Ln, Bindango S, QLD | -26.6344 | 148.5137 |
| *T. wilsoni* | NMVD77169 | MH355872 | Fletchers Ln, Bindango S, QLD | -26.6509 | 148.5192 |
| *T. wilsoni* | NMVZ33943 | MH355746 | Hodgson Ln N stock route, Hodgson, QLD | -26.5657 | 148.6218 |
| *T. wilsoni* | NMVD77118 | MH355870 | Hodgson Ln S, Hodgson , QLD | -26.5918 | 148.6202 |
| *T. wilsoni* | NMVZ34050 | MH355750 | Hodgson Ln S, Hodgson, QLD | -26.5794 | 148.6209 |
| *T. wilsoni* | NMVD77114 | MH355867 | Hodgson Ln S, Hodgson, QLD | -26.5806 | 148.6209 |
| *T. wilsoni* | NMVZ34049 | MH355749 | Hodgson Ln S, Hodgson, QLD | -26.5820 | 148.6208 |
| *T. wilsoni* | NMVZ33944 | MH355747 | Hodgson Ln S, Hodgson, QLD | -26.5832 | 148.6208 |
| *T. wilsoni* | NMVZ34048 | MH355748 | Hodgson Ln S, Hodgson, QLD | -26.5840 | 148.6207 |
| *T. wilsoni* | NMVZ33942 | MH355745 | Hodgson Ln S, Hodgson, QLD | -26.5878 | 148.6204 |
| *T. wilsoni* | NMVZ34051 | MH355751 | Hodgson Ln S, Hodgson, QLD | -26.5879 | 148.6205 |
| *T. wilsoni* | NMVD77172 | MH355875 | Knockalong, Bindango S, QLD | -26.6555 | 148.5283 |
| *T. wilsoni* | NMVD77173 | MH355876 | Knockalong, Bindango S, QLD | -26.6560 | 148.5303 |
| *T. wilsoni* | NMVZ34056 | MH355754 | Knockalong, Bindango S, QLD | -26.6565 | 148.5273 |
| *T. wilsoni* | NMVZ34053 | MH355753 | Knockalong, Bindango S, QLD | -26.6570 | 148.5254 |
| *T. wilsoni* | NMVZ34058 | MH355755 | Knockalong, Bindango S, QLD | -26.6572 | 148.5269 |
| *T. wilsoni* | NMVZ34059 | MH355759 | Knockalong, Bindango S, QLD | -26.6582 | 148.5218 |
| *T. wilsoni* | QMJ89119 | KJ881035 | Mount Abundance Rd, 40 km E of Roma, QLD | -26.7028 | 148.4861 |
| *T. wilsoni* | QMA007430 | KJ881032 | Studley, QLD | -26.7010 | 148.4722 |
| *T. wilsoni* | QMA007431 | KJ881034 | Studley, QLD | -26.7010 | 148.4722 |
| *T. centralis* | ANWCR6136 | EU727320 | 54km E of Mulga Park Station, Mulga Park Rd, NT | -25.9833 | 131.5833 |
| *T. cephalus* | WAMR154754 | EU727354 | Roebourne, WA | -20.7833 | 117.1500 |
| *T. diabolicus* | WAMR135454 | EU727385 | Mount Brockman, WA | -22.2919 | 117.2731 |
| *T. fortescuensis* | WAMR158074 | EU727377 | Roebourne-Wittenoom Rd, Millstream, WA | -21.3954 | 117.1712 |
| *T. gigas* | WAMR175943 | MH355676 | 8km N of Williambury Homestead, WA | -23.8161 | 115.1467 |
| *T. houstoni* | WAMAR146439 | EU727393 | Rawlinna, WA | -30.9914 | 126.4358 |
| ***(Supplementary Table 1 continued)*** | |  |  |  |  |
| **Species** | **Registration number** | **GenBank accession** | **Location** | **Latitude** | **Longitude** |
| *T. intima* | SAMAR42933 | EU727352 | 20km S of Eromanga, QLD | -26.3333 | 142.8667 |
| *T. intima* | NMVD74070 | EU727348 | Gulf Development Rd, 130 km S of Normanton, QLD | -18.6769 | 140.5117 |
| *T. intima* | NMVD74072 | EU727349 | Gulf Development Rd, 130 km S of Normanton, QLD | -18.6769 | 140.5117 |
| *T. lineata* | NMVD74164 | EU727399 | Lake Tyrrell, VIC | -35.3333 | 142.8333 |
| *T. lineata macra* | NMVD73876 | EU727403 | Gibb River Rd, W of Lennard River, Kimberley, WA | -17.4408 | 124.5053 |
| *T. pinguicolla* | TpinC2 | DQ529257 | Devereanux, Cooma, NSW | NA | NA |
| *T. pseudopsephos* | WAMR106201 | EU727362 | Mount Magnet, WA | -27.9667 | 117.8500 |
| *T. uniformis* | NMVD72640 | EU727401 | 1km N of Buntine Hwy on Shakespeare Bore Tk, NT | -16.1325 | 131.7298 |
| Pogona vitticeps | SAMAR42415 | AY133026 | Mabel Creek Station, SA | NA | NA |
| Rankinia diemensis | NMVD71911 | KF791182 | Coonabarabran, NSW | −31.25000 | 149.1333 |
| Amphibolurus muricatus | SAMAR34771 | KF871673 | Anglesea, VIC | NA | NA |