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R158582_Csp_East.Montalivet.Island
R117710_Csp_Fenelon.Island
R117709_Csp_Fenelon.Island
R117708_Csp_Fenelon.Island
R158583_johnstonei_East.Montalivet.Island
R117703_Csp_Cornelle.Island
R117945_johnstonei_Cornelle.Island
R117953_Csp_Cornelle.Island
R117967_Csp_Cornelle.Island
R117751_Csp_Cornelle.Island
R117964_Csp_Cassini.Island
R158580_Csp_East.Montalivet.Island
R158610_Csp_Don.Island
R158508_Csp_Don.Island
R158646_Csp_North.Maret.Island
R158648_Csp_North.Maret.Island
R158647_johnstonei_North.Maret.Island
R158705_triacantha_North.Maret.Island
R165970_johnstonei_Maret.Island
R158657_johnstonei_Berthier.Island
R158655_johnstonei_Berthier.Island
R158661_johnstonei_Berthier.Island
R158573_Csp_West.Montalivet.Island
R158543_johnstonei_West.Montalivet.Island
R158565_Csp_West.Montalivet.Island
R158572_Csp_West.Montalivet.Island
R158540_johnstonei_West.Montalivet.Island
R158562_Csp_West.Montalivet.Island
R158569_Csp_West.Montalivet.Island
R158546_Csp_West.Montalivet.Island
R158564_Csp_West.Montalivet.Island
R158571_Csp_West.Montalivet.Island
R158561_Csp_West.Montalivet.Island

Triacantha A

ABTC11723 triacantha Weelarana
R111810 triacantha Wheeler.Hill
R142973 triacantha Kiwirrkura
ABTC41790 triacantha Waltyjara
R170651 triacantha Pannawonica
R158101A triacantha Millstream triacantha Millstream
CCM1860 triacantha Ross.River
CCM1888 Csp. Birthday.Water.Hole
R142456 triacantha Kiwirrkura
CCM1859 triacantha Ross.River
ABTC33954 triacantha Illintjita
R154566 triacantha Newman
R110273 triacantha Mile.Camp
R129921 triacantha West.Angelas
R106160 triacantha Turee.Creek
R139010 triacantha Madora
R145752 triacantha Chichester.Range
R161603 triacantha Goldsworthy
R113038 triacantha Lesley.Salt.Works
R108990 triacantha Lesley.Salt.Works
R108988 triacantha Lesley.Salt.Works
R139404 triacantha Meentheena
R160269 triacantha Mount.Marsh
R145500 triacantha Port.Hedland
R164546 triacantha Pannawonica
R145556 triacantha Port.Hedland
ABTC29091 triacantha Jaburu
ABTC11847 triacantha Jaburu
R157406 triacantha Tanami.Desert
R157466 triacantha Tanami.Desert
R110905 triacantha Tanami.Downs
ABTC29692 triacantha Litchfield.NP

R173481_johnstonei_Drysdale.River
R171900_johnstonei_Balam.I.Ridge
BP01423_johnstonei_Storr.Island
R171488_johnstonei_Prince.Regent.Nature.Reserve
CCM1301_johnstonei_Mt.Hart.Road
CCM1499_johnstonei_Bell.Gorge.Creek
D76985_johnstonei_Bell.Gorge
D76986_johnstonei_Bell.Gorge
R172784_johnstonei_Close.Prince.Regent.River
CCM1290_johnstonei_Mt.Matthew.Gorge
CCM1264_johnstonei_Silent.Grove.Creek
R171227_johnstonei_Augustus.Island
R106285_johnstonei_Augustus.Island
R171238_johnstonei_Byam.Martin.Island
R171237_johnstonei_Jungulu.Island
R171242_johnstonei_Byam.Martin.Island
R171230_johnstonei_Darcy.Island
R167423_johnstonei_Mainland.near.Boongaree.Island
R171243_johnstonei_Saint.Andrew.Island
R167260_johnstonei_Prince.Regent.River
R167431_johnstonei_Boongaree.Island
R168923_johnstonei_Boongaree.Island
R167242_johnstonei_Glauert.Island
R167235_johnstonei_Gray.Island
R167192_johnstonei_Coronation.Island
CCM1126_johnstonei_Theda.Station
CCM1132_johnstonei_Theda.Station
CCM1761_johnstonei_Theda.Station
CCM1127_johnstonei_Theda.Station
CCM1128_johnstonei_Theda.Station
CCM1762_johnstonei_Theda.Station
CCM1125_johnstonei_Theda.Station
CCM1133_johnstonei_Theda.Station
R113992_johnstonei_Carson.Escarpment
CCM0763_johnstonei_Carson.Escarpment
CCM0762_johnstonei_Carson.Escarpment
CCM0737_johnstonei_Spring.Creek
CCM0933_johnstonei_King.Edward.River
R117799_johnstonei_Middle.Osborn.Island
R117812_johnstonei_Kidney.Island
R168803_johnstonei_Middle.Osborn.Island
R117813_johnstonei_Kidney.Island
R117793_johnstonei_South.West.Osborn.Island
R117844_Csp_South.West.Osborn.Island
R117843_johnstonei_South.West.Osborn.Island
R117851_johnstonei_South.West.Osborn.Island
R117772_Csp_South.West.Osborn.Island
R117855_johnstonei_Steep.Head.Island
R117822_johnstonei_Island
R117811_johnstonei_Island
R117838_Csp_Island
R117787_johnstonei_South.West.Osborn.Island
R117801_johnstonei_Middle.Osborn.Island
R171897_johnstonei_Wargul.Wargul.Island
R158784_johnstonei_Bigge.Island
R168219_johnstonei_Bigge.Island
R158783_johnstonei_Bigge.Island
R117760_johnstonei_Descartes.Island
R117726_Csp_Descartes.Island
R117719_johnstonei_Descartes.Island
R1167860_johnstonei_Mitchell.Plateau
R168651_johnstonei_Katers.Island
R158915_johnstonei_Purrungku.Island
CCM1200_johnstonei_Mitchell.Plateau
CCM1195_johnstonei_Mitchell.Plateau
CCM1197_johnstonei_Mitchell.Plateau
CCM1196_johnstonei_Mitchell.Plateau
CCM0738_Csp_Spring.Creek
R168173 triacantha Boongaree.Island
R168590 triacantha Coronation.Island
R114408 triacantha King.Hall.Island
R171904 triacantha Lachlan.Island
R171916 triacantha Lachlan.Island
R146022 triacantha Kimbolton
R171908 triacantha Sunday.Island
R171914 triacantha Long.Island
R171907 triacantha Long.Island
R171918 triacantha Nw.Molema.Island
R171906 triacantha Nw.Molema.Island
R158016 triacantha Koolan.Island
R165402 triacantha Bathurst.Island
R165555 triacantha Koolan.Island
R169990 triacantha Yampi.Peninsula
R158970 triacantha Koolan.Island
R168407 triacantha Irvine.Island
R168237 triacantha Irvine.Island
R168394 triacantha Gibbons.Island
R168392 triacantha Gibbons.Island
CCM1235 triacantha Bell.Gorge
R171933 triacantha Close.To.Balam.I.Ridge
R171919 triacantha Close.To.Balam.I.Ridge
R171930 triacantha Close.To.Balam.I.Ridge
R171909 triacantha Storr.Island
R171928 triacantha Close.To.Balam.I.Ridge
R171906 triacantha Augustus.Island
R171211 triacantha Darcy.Island
CCM1394 triacantha Grevillea.Gorge
R171420 triacantha Prince.Regent.Nature.Reserve
CCM1643 triacantha Munja
CCM1784 triacantha Galvan.Gorge
CCM0991 Csp_Theda.Station
CCM0888 triacantha Theda.Kalumburu.Road
CCM1136 triacantha Theda.Station
CCM1032 triacantha King.Edward.River
CCM1130 triacantha Theda.Station
R171905 triacantha Wargul.Wargul.Island
R151868 triacantha Sir.Graham.Moore.Island
R168462 triacantha Sir.Graham.Moore.Island
R169985 triacantha Yampi.Peninsula
R158008 triacantha Koolan.Island
R168426 triacantha Margaret.Island
R171912 triacantha Hidden.Island

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R117853 triacantha South.West.Osborn.Island
R151958 triacantha South.West.Osborn.Island
R117798 triacantha Middle.Osborn.Island
R168762 triacantha Middle.Osborn.Island
R117796 triacantha Middle.Osborn.Island
R168707 triacantha Katers.Island
R166929 triacantha Mitchell.Plateau
CCM1202 triacantha Mitchell.Plateau
R168675 triacantha Katers.Island
CCM1199 triacantha Mitchell.Plateau
R164310 triacantha Lamarck.Island
R168910 triacantha Bigge.Island
R117946 triacantha Fenelon.Island
R158551 triacantha West.Montalivet.Island
R158609 triacantha Don.Island
ABTC29573 triacantha Musselbrook
ABTC61613 triacantha Victoria.River
ABTC29531 triacantha Musselbrook
ABTC29554 triacantha Musselbrook
ABTC28797 triacantha Brunette.Downs
CCM1767 triacantha Mornington
ABTC29851 triacantha Keep.River.NP
R108782 triacantha Bream.Gorge
CCM1781 triacantha Russ.Creek
CCM1782 triacantha Glenroy.Meatworks

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Supplemental Figure S1 – mtDNA ND4 maximum likelihood phylogenetic tree of *Carlia triacantha* and *Carlia johnstonei*, from Afonso Silva et al. (2017), with specimens that were analysed by morphological analyses. Sample label includes tissue number, original ID and sampling location.