Bombus\_sp2 <-c(SC\_072612\_157,

SC\_072312\_155)

Bombus\_sp3 <-c (JC\_071512\_112,

JC\_071412\_70,

JC\_071612\_75,

JC\_071212\_104,

JC\_071112\_26,

JC\_071212\_38,

JC\_071212\_3,

JC\_071712\_48,

JC\_071612\_111)

Bombus\_sp4 <-c(MM\_073112\_15,

MM\_080412\_133,

SC\_072312\_34,

SC\_072912\_78,

SC\_072012\_263,

MM\_073112\_69,

MM\_080312\_6,

MM\_073112\_71,

MM\_080412\_22,

SC\_072012\_264,

SC\_072012\_130,

SC\_072812\_6,

SC\_072012\_131,

SC\_072612\_156,

SC\_072012\_132,

SC\_072012\_134,

SC\_072312\_237,

SC\_072112\_112,

SC\_072012\_318,

SC\_072912\_64,

SC\_072712\_100)

Bombus\_sp5 <-c (SC\_072712\_123,

SC\_072712\_40,

SC\_072612\_114,

SC\_072912\_3,

SC\_072912\_4,

SC\_072812\_112)

Xylocopa\_sp1 <-c (CH\_082012\_138,

CH\_082112\_84,

CH\_082112\_93,

PL\_081112\_139,

PL\_081112\_4,

PL\_080912\_162,

PL\_080912\_302,

PL\_081312\_107,

PL\_081312\_173,

PL\_081312\_172,

PL\_081212\_6,

PL\_081312\_108,

PL\_081212\_267)

Bombus\_huntii <-c (JC\_071212\_44,

JC\_071212\_31,

JC\_071212\_57,

JC\_071212\_69,

JC\_071212\_36,

JC\_071212\_2,

JC\_071712\_109,

JC\_071712\_37,

JC\_071712\_116,

JC\_071712\_124,

JC\_071712\_93,

JC\_071712\_154,

JC\_07071712\_152,

JC\_071712\_135,

JC\_071712\_136,

JC\_071712\_153,

JC\_071712\_150,

JC\_071712\_157,

JC\_071712\_18,

JC\_071712\_89,

JC\_071712\_112,

JC\_071712\_97,

JC\_071212\_81,

JC\_071212\_83,

JC\_071212\_13,

JC\_071212\_98,

JC\_071212\_67,

JC\_071112\_5,

JC\_071112\_12,

JC\_071112\_15,

JC\_071112\_8,

JC\_071112\_17,

JC\_071112\_20,

JC\_071212\_20,

JC\_071212\_40,

JC\_071212\_43,

JC\_071212\_17,

JC\_071212\_16,

JC\_071212\_65,

JC\_071212\_39,

JC\_071212\_37,

JC\_071212\_7,

JC\_071212\_6,

JC\_071212\_105,

JC\_071212\_1,

JC\_071212\_17,

JC\_071412\_15,

JC\_071412\_126,

JC\_071512\_66,

JC\_071212\_39,

JC\_071412\_50,

JC\_071412\_60,

JC\_071512\_73,

JC\_071512\_118,

JC\_071412\_145,

JC\_071512\_66,

JC\_071612\_123,

JC\_071512\_76,

JC\_071512\_71,

JC\_071512\_52,

JC\_071512\_50,

JC\_071512\_53,

JC\_071512\_55,

JC\_071512\_54,

JC\_071512\_51,

JC\_071412\_90,

JC\_071412\_36,

MM\_080412\_108,

MM\_080412\_142,

MM\_080412\_205,

MM\_080412\_136,

MM\_080412\_209,

MM\_080412\_123,

MM\_080212\_120,

MM\_080412\_58,

MM\_073112\_106,

MM\_080212\_237,

MM\_080112\_17,

MM\_080412\_215,

MM\_080412\_214,

MM\_080112\_2,

MM\_080412\_138,

MM\_080112\_130,

MM\_080412\_141,

MM\_073112\_24,

MM\_080212\_12,

MM\_073112\_56,

MM\_073112\_18,

MM\_080112\_23,

MM\_080112\_141,

MM\_073112\_62,

MM\_080112\_143,

MM\_080212\_25,

MM\_080112\_56,

MM\_080112\_95,

MM\_080112\_34,

MM\_073112\_68,

MM\_080212\_9,

MM\_080212\_3,

MM\_080112\_127,

MM\_080212\_23,

MM\_080212\_117,

MM\_080312\_1,

MM\_080312\_27,

MM\_080412\_135,

MM\_080412\_107,

MM\_080212\_116,

MM\_080312\_134,

MM\_073112\_12,

MM\_080412\_168,

MM\_080412\_139,

MM\_080412\_20,

MM\_080212\_146,

MM\_080312\_206,

MM\_080212\_14,

MM\_073112\_58,

MM\_073112\_59,

MM\_073112\_65,

MM\_073112\_63,

MM\_080212\_128,

MM\_073112\_113,

MM\_080212\_13,

SC\_072912\_82,

MM\_080412\_62,

MM\_080212\_232,

MM\_080212\_238,

MM\_080112\_132,

MM\_080312\_16,

MM\_080312\_10,

MM\_080212\_82,

MM\_080212\_22,

SC\_072912\_80,

MM\_080212\_21,

MM\_080212\_231,

MM\_080212\_218,

MM\_080212\_143,

SC\_072912\_69,

MM\_080212\_107,

MM\_080212\_182,

MM\_073112\_112,

MM\_080312\_129,

MM\_080312\_32,

MM\_080212\_92,

MM\_080312\_13,

MM\_080112\_138,

MM\_080112\_31,

MM\_080312\_12,

SC\_072912\_70,

MM\_080312\_14,

MM\_080312\_99,

MM\_080312\_143,

MM\_073112\_114,

MM\_080312\_151,

MM\_080312\_144,

MM\_080312\_122,

MM\_080312\_132,

MM\_080312\_146,

MM\_080412\_23,

MM\_080412\_21,

MM\_080412\_28,

MM\_080312\_205,

MM\_080312\_145,

MM\_080312\_204,

MM\_080412\_27,

MM\_080412\_25,

MM\_080412\_29,

MM\_080112\_15,

MM\_073112\_57,

MM\_073112\_3,

MM\_073112\_8,

MM\_080412\_26,

MM\_080412\_24,

PL\_081012\_101,

JC\_071712\_174,

SC\_072912\_79,

JC\_071712\_127,

SC\_072912\_81,

PL\_081312\_122,

JC\_071712\_173,

JC\_071712\_172,

JC\_071712\_168,

JC\_071212\_24,

JC\_071612\_71,

JC\_071712\_121,

JC\_071612\_28,

JC\_071612\_48,

JC\_071612\_37,

JC\_071412\_37,

JC\_071412\_35,

JC\_071412\_31,

JC\_071412\_30,

JC\_071612\_79,

JC\_071412\_32,

JC\_071612\_78,

JC\_071612\_97,

JC\_071612\_96,

JC\_071612\_95,

JC\_071612\_94,

JC\_071512\_124,

JC\_071712\_166,

JC\_071712\_165,

JC\_071512\_158,

JC\_071512\_114,

JC\_071512\_110,

JC\_071512\_120,

JC\_071512\_142,

JC\_071412\_118,

JC\_071712\_165,

JC\_071612\_61,

JC\_071412\_123,

JC\_071112\_4,

JC\_071612\_73,

JC\_071212\_84,

MM\_073112\_19,

JC\_071212\_123,

JC\_071212\_77,

JC\_071212\_53,

MM\_080412\_95,

MM\_073112\_121,

MM\_080412\_218,

MM\_080412\_235,

MM\_073112\_66,

MM\_080312\_8,

MM\_080412\_98,

MM\_080412\_234,

MM\_080412\_132,

MM\_080312\_128,

PL\_080912\_136,

PL\_080912\_131,

PL\_081012\_16,

PL\_080912\_132,

PL\_081012\_248,

PL\_080912\_133,

PL\_081112\_57,

PL\_081112\_136,

PL\_081212\_20,

PL\_081112\_180,

PL\_081112\_147,

PL\_081012\_252,

PL\_081112\_28,

PL\_081012\_12,

MM\_080212\_77,

PL\_081012\_15,

PL\_081112\_2,

P\_080912\_335,

PL\_080912\_250,

PL\_080912\_248,

PL\_080912\_135,

PL\_081212\_21,

MM\_073112\_64,

PL\_081112\_178,

PL\_081212\_19,

PL\_081212\_14,

PL\_081112\_137,

PL\_081112\_3,

PL\_081312\_21,

PL\_081212\_150,

PL\_081212\_152,

PL\_081212\_151,

PL\_081212\_153,

PL\_081312\_9,

PL\_081312\_168,

PL\_081212\_113,

PL\_081312\_167,

PL\_081212\_166,

PL\_081312\_162,

PL\_081312\_170,

PL\_081312\_163,

PL\_081312\_169,

PL\_081312\_296,

PL\_081112\_155,

MM\_080312\_70,

PL\_081312\_160,

PL\_081212\_263,

MM\_080412\_206,

MM\_080312\_31,

MM\_080212\_299,

MM\_080312\_154,

MM\_080112\_226,

MM\_080312\_72,

MM\_080212\_78,

MM\_080212\_91,

SC\_072812\_200,

MM\_080412\_97,

MM\_080212\_172,

MM\_080212\_190,

SC\_072012\_103,

SC\_072012\_102,

SC\_072012\_101,

SC\_072312\_8,

SC\_072012\_116,

SC\_072012\_115,

SC\_072012\_126,

SC\_072312\_10,

SC\_072312\_9,

SC\_072012\_211,

SC\_072112\_22,

SC\_072012\_276,

SC\_072012\_213,

SC\_072012\_205,

SC\_072012\_243,

SC\_072112\_39,

SC\_072112\_41,

SC\_072112\_40,

SC\_072012\_317,

SC\_072012\_309,

SC\_072112\_113,

SC\_072712\_217,

SC\_072712\_213,

SC\_072812\_77,

SC\_072112\_143,

SC\_072112\_146,

SC\_072112\_145,

SC\_072112\_144,

SC\_072112\_119,

SC\_072312\_248,

SC\_072112\_150,

SC\_072312\_154,

SC\_072612\_199,

SC\_072812\_122,

SC\_072012\_145,

SC\_072112\_144,

SC\_072112\_119,

SC\_072312\_248,

SC\_072qq2\_150,

SC\_072312\_154,

SC\_072612\_199,

SC\_072812\_122,

SC\_072812\_119,

SC\_072012\_226,

SC\_072812\_123,

MM\_080412\_137,

SC\_072312\_279,

SC\_072612\_180,

SC\_072312\_35,

SC\_072612\_155,

SC\_072112\_121,

SC\_072612\_184,

SC\_072112\_52,

SC\_072112\_207,

SC\_072812\_124,

SC\_072612\_113,

SC\_072112\_120,

SC\_072312\_283,

SC\_072612\_104,

SC\_07012\_150,

SC\_072812\_134,

SC\_072012\_195,

SC\_072312\_287,

SC\_072012\_117,

SC\_072012\_193,

SC\_072112\_53,

SC\_072612\_190,

SC\_072112\_118,

SC\_072812\_74,

SC\_072012\_208,

SC\_072012\_207,

SC\_072712\_219,

SC\_072112\_149,

SC\_072712\_199,

SC\_072612\_219

SC\_072612\_172,

SC\_072712\_81,

SC\_072812\_82,

SC\_072612\_174,

SC\_072812\_133,

SC\_072812\_80,

SC\_072012\_275,

SC\_072312\_242,

SC\_072812\_118,

SC\_072012\_124,

SC\_072012\_125,

SC\_072712\_111,

SC\_072812\_243,

JC\_071512\_74,

PL\_080912\_134,

PL\_080912\_130,

PL\_081012\_7,

PL\_081012\_85,

PL\_081012\_287,

PL\_081112\_200,

PL\_081112\_7,

JC\_071612\_74,

MM\_080412\_120,

JC\_071512\_22,

JC\_071612\_72,

MM\_080212\_93,

MM\_080112\_94,

PL\_081012\_8,

PL\_080912\_344)

Formicidae\_sp1 <-c( SC\_072312\_235,

SC\_072312\_292,

SC\_072312\_236)

Formicidae\_sp2 <-c(JC\_071612\_38,

JC\_071412\_13)

Megachile\_sp1 <-c(PL\_081112\_176,

PL\_081112\_129,

PL\_081012\_249,

MM\_080112\_214,

PL\_081112\_81,

PL\_081012\_81,

PL\_081012\_80,

PL\_081112\_80,

PL\_081112\_151,

PL\_080912\_154,

PL\_080912\_114,

MM\_080212\_304,

PL\_081212\_141,

PL\_081312\_165,

PL\_081212\_142,

PL\_081212\_9,

PL\_081212\_122,

PL\_081312\_29,

JC\_071212\_76,

MM\_080212\_181,

MM\_080412\_100,

PL\_081312\_136,

PL\_081212\_11,

PL\_081012\_11,

MM\_080312\_193,

PL\_081212\_41,

PL\_081312\_147)

Megachile\_sp2 <-c(SC\_072912\_81,

SC\_072112\_151,

PL\_081012\_247)

Megachile\_sp3 <-c(JC\_071712\_60,

JC\_071712\_160)

Megachile\_sp4 <-c(SC\_072712\_163)

Megachile\_sp5 <-c(MM\_073112\_2,

JC\_071512\_156,

PL\_081312\_95,

JC\_071512\_63,

JC\_071612\_89,

PL\_081112\_210,

JC\_071612\_26)

Megachile\_sp6 <-c(JC\_071712\_110,

JC\_071212\_32,

JC\_071712\_156,

JC\_071712\_114,

JC\_071612\_98,

JC\_071712\_113,

JC\_071612\_112,

JC\_071712\_151,

JC\_071712\_155,

JC\_071712\_149,

JC\_071612\_92,

JC\_071712\_16,

JC\_071512\_125,

JC\_071512\_157)

Megachile\_sp7 <-c(MM\_080212\_263,

JC\_071512\_80,

SC\_072712\_2)

Megachile\_sp8 <-c(PL\_081312\_198)

Megachile\_sp9 <-c(PL\_081312\_196)

Diadasia\_sp1 <-c(PL\_081312\_15,

PL\_081012\_257,

PL\_081-12\_250,

PL\_080412\_41,

PL\_081112\_94,

PL\_081012\_259,

PL\_081012\_90,

PL\_080912\_283,

PL\_081112\_227,

PL\_081112\_179,

PL\_081012\_245,

PL\_081012\_86,

PL\_080912\_28,

PL\_080912\_284,

PL\_081312\_391,

PL\_081012\_260,

PL\_080912\_288,

PL\_080912\_285,

PL\_080912\_106,

PL\_080912\_105,

PL\_080912\_286,

PL\_080912\_104,

PL\_080912\_107,

PL\_081112\_40,

PL\_081312\_149,

PL\_081112\_229,

PL\_081212\_269,

JC\_071712\_64)

Diadasia\_sp2 <-c(PL\_081312\_214)

Diadasia\_sp4 <-c(JC\_071612\_150)

Diantuidium\_sp1 <-c(JC\_071712\_21)

Diantuidium\_sp2 <-c(SC\_072912\_50)

Antuidium\_sp1 <-c(MM\_080212\_166,

MM\_080212\_198,

MM\_080112\_16)

Dieunomia\_sp1 <-c(CH\_082012\_128,

PL\_081312)

Dieunomia\_sp2 <-c(SC\_072712\_98,

PL\_080912\_87,

PL\_081012\_231)

Dieunomia\_sp3 <-c(JC\_071712\_111,

JC\_071412\_146,

SC\_072812\_125,

SC\_072812\_126,

SC\_072912\_61,

SC\_072012\_197,

SC\_072712\_117)

Coelioxys\_sp1 <-c(JC\_071612\_99)

Sarastra\_sp1 <-c(PL\_081112\_46,

PL\_081312\_44)

Osmia\_sp1 <-c(JC\_071212\_75,

JC\_071712\_175)

Sphecodes\_sp1 <-c(JC\_071612\_47,

JC\_071412\_106,

JC\_071612\_40,

JC\_071512\_104,

SC\_072312\_295,

SC\_072612\_271,

SC\_072612\_4,

SC\_072712\_113,

SC\_072712\_120,

SC\_072612\_269,

SC\_072712\_228,

SC\_072712\_191,

SC\_072312\_45,

SC\_072012\_316,

SC\_072712\_236,

SC\_072012\_56,

SC\_072012\_128,

SC\_072612\_277,

SC\_072612\_276,

SC\_072312\_198,

SC\_072312\_150,

SC\_072312\_169,

SC\_072112\_98,

SC\_072112\_96,

SC\_072012\_100,

SC\_072312\_152,

SC\_072312\_153,

SC\_072012\_54,

SC\_072012\_55,

SC\_072012\_57,

SC\_072012\_59,

SC\_072012\_61,

SC\_072012\_161,

SC\_072612\_275,

SC\_072612\_274,

SC\_072612\_273,

SC\_072612\_272,

SC\_072012\_288)

Lasioglossum\_sp2 <-c(PL\_081312\_12,

PL\_081112\_13,

MM\_080112\_116,

MM\_080212\_114,

MM\_080412\_219,

MM\_080412\_196,

SC\_072812\_198,

SC\_072312\_251,

SC\_072312\_223,

SC\_072012\_158,

SC\_072312\_44,

SC\_072312\_31,

SC\_072012\_47,

SC\_072312\_270,

SC\_072312\_285,

SC\_072612\_265,

SC\_072312\_195,

SC\_072312\_121,

SC\_072812\_2,

JC\_071212\_86,

JC\_071612\_127,

JC\_071612\_126,

JC\_071412\_38,

JC\_071212\_95,

JC\_071712\_120,

JC\_071612\_35,

JC\_071712\_141,

JC\_071712\_117,

JC\_071512\_147,

JC\_071512\_169,

JC\_071412\_103,

JC\_071712\_58,

JC\_071512\_154,

JC\_071612\_116,

JC\_071712\_115,

JC\_071712\_161,

JC\_071512\_152,

JC\_071512\_30,

MM\_080212\_97,

JC\_071412\_53,

JC\_071512\_151,

JC\_071712\_184,

JC\_071412\_102,

JC\_071712\_100,

JC\_071412\_46,

JC\_071412\_45,

JC\_071612\_128,

JC\_071712\_57,

SC\_072012\_286,

PL\_081012\_209,

PL\_080912\_286,

PL\_081012\_218,

MM\_080212\_174)

Andrena\_sp1 <-c(JC\_071412\_3,

JC\_071412\_142,

JC\_071612\_77,

JC\_071612\_54,

JC\_071612\_149,

JC\_071612\_121,

JC\_071612\_106,

JC\_071612\_32,

JC\_071612\_117,

JC\_071612\_24,

JC\_071412\_117,

JC\_071212\_73,

JC\_071212\_58,

JC\_071212\_21,

JC\_071212\_27,

JC\_071212\_26,

JC\_071512\_121,

JC\_071212\_28,

JC\_071112\_11,

JC\_071112\_2,

JC\_071112\_16,

JC\_071512\_81,

JC\_071612\_36,

JC\_071712\_99,

JC\_071712\_148,

JC\_071712\_39,

JC\_071712\_24,

JC\_071512\_33,

JC\_071412\_91,

JC\_071512\_150,

JC\_071412\_96,

JC\_071412\_59,

JC\_071412\_92,

JC\_071412\_105,

JC\_071412\_67,

JC\_071512\_29,

JC\_071412\_44,

JC\_071412\_69,

JC\_071512\_94,

JC\_071512\_72,

JC\_071512\_149,

JC\_071412\_144)

Andrena\_sp2 <-c(SC\_072712\_165,

SC\_072712\_153,

SC\_072012\_223,

SC\_072712\_97,

SC\_072612\_221,

SC\_072612\_91,

SC\_072612\_89,

SC\_072612\_256,

SC\_072612\_222,

SC\_072012\_296,

SC\_072312\_250,

SC\_072112\_156,

SC\_072312\_220,

SC\_072312\_221,

SC\_072012\_293,

SC\_072712\_147,

SC\_072312\_212,

SC\_072112\_147,

SC\_072712\_166,

SC\_072112\_70,

SC\_072612\_229,

SC\_072312\_218,

SC\_072112\_71,

SC\_072612\_235,

SC\_072612\_188,

SC\_072112\_160,

SC\_072112\_72,

SC\_072112\_126,

SC\_072112\_136,

SC\_072612\_217,

SC\_072612\_80,

SC\_072112\_31,

SC\_072012\_254,

SC\_072612\_220,

SC\_072012\_173,

SC\_072112\_135,

SC\_072612\_187,

SC\_072012\_234,

SC\_072012\_253,

SC\_072012\_171,

SC\_072612\_254,

SC\_072012\_175,

SC\_072612\_248,

SC\_072612\_240,

PL\_081212\_51,

SC\_072712\_95,

SC\_072312\_65,

SC\_072712\_21,

JC\_071712\_203,

JC\_071712\_202,

JC\_071512\_89,

JC\_071712\_103,

PL\_081312\_52,

SC\_072012\_252,

SC\_072312\_229,

SC\_072312\_231,

SC\_072112\_74,

SC\_072612\_35,

PL\_081312\_53,

MM\_073112\_115,

MM\_080412\_237,

MM\_080412\_236,

MM\_080412\_115,

MM\_080412\_73,

MM\_080412\_71,

MM\_080412\_72,

MM\_080412\_70,

MM\_080412\_69,

MM\_080212\_109,

MM\_080112\_67,

MM\_080112\_69,

MM\_080112\_150,

MM\_080112\_151,

MM\_080312\_35,

MM\_073112\_43,

MM\_080112\_152,

MM\_080312\_110,

SC\_072812\_164,

SC\_072812\_180,

MM\_080312\_34,

MM\_080212\_282,

MM\_080112\_148,

MM\_080212\_315,

PL\_080912\_82,

PL\_081112\_244,

PL\_081212\_54,

SC\_072712\_177,

JC\_071512\_67,

SC\_072812\_177,

JC\_071712\_86,

JC\_071512\_78,

SC\_072912\_113,

JC\_071412\_84,

SC\_072812\_178,

JC\_071712\_15,

SC\_072812\_41,

SC\_072812\_26,

SC\_072812\_32,

SC\_072712\_176,

SC\_072712\_167,

SC\_072712\_168,

SC\_072812\_51,

SC\_072712\_179,

SC\_072812\_55,

SC\_072712\_184,

SC\_072812\_35,

SC\_072712\_181,

SC\_072612\_95,

SC\_072612\_81,

SC\_072112\_79,

SC\_072112\_148,

SC\_072012\_168,

SC\_072612\_47,

SC\_072312\_66,

SC\_072312\_57,

SC\_072612\_98,

SC\_072012\_177,

SC\_072612\_239,

SC\_072012\_176,

SC\_072312\_48,

SC\_072112\_34,

SC\_072112\_35,

SC\_072012\_169,

SC\_072112\_28,

SC\_072112\_81,

SC\_072112\_27,

SC\_072112\_21,

SC\_072112\_30,

SC\_072112\_23,

SC\_072312\_232,

SC\_072312\_228,

SC\_072712\_31,

SC\_072112\_42,

SC\_072312\_58,

SC\_072612\_252,

SC\_072312\_52,

SC\_072112\_158,

SC\_072712\_29,

SC\_072112\_132,

SC\_072112\_75)

Lasioglossum\_sp1 <-c(MM\_080112\_216,

MM\_080412\_102,

MM\_080112\_196,

MM\_080212\_179,

MM\_080212\_305,

PL\_081112\_247,

PL\_081012\_236,

PL\_081012\_136,

PL\_080912\_151,

PL\_080912\_304,

SC\_072612\_263,

PL\_081112\_246,

MM\_013112\_117,

MM\_080112\_62,

MM\_080112\_61,

MM\_080212\_286,

MM\_080312\_97,

SC\_072112\_99,

MM\_080212\_303,

MM\_080112\_256,

MM\_080412\_56,

SC\_072012\_64,

MM\_080112\_37,

JC\_071512\_84,

SC\_072812\_165,

SC\_072812\_215,

SC\_072712\_255,

SC\_072812\_204,

SC\_072812\_214,

SC\_072912\_55,

SC\_072912\_50,

PL\_081212\_204,

PL\_081212\_105,

JC\_071512\_86,

JC\_071712\_97,

JC\_071512\_36,

JC\_071512\_37,

JC\_071212\_120,

JC\_071512\_102,

JC\_071512\_65,

JC\_071712\_137,

SC\_072912\_52,

JC\_071712\_199,

JC\_071612\_134,

JC\_071612\_132,

JC\_071512\_131,

JC\_071512\_161,

JC\_071512\_139,

JC\_071612\_136,

JC\_071612\_131,

JC\_071612\_124,

SC\_072912\_48,

SC\_072712\_99,

SC\_072712\_49,

SC\_072612\_28,

SC\_072312\_148,

SC\_072312\_156,

SC\_072612\_160,

SC\_072612\_236,

SC\_072012\_49,

JC\_071712\_170,

SC\_072112\_57,

SC\_072612\_264,

SC\_072612\_280,

SC\_072012\_48,

SC\_072012\_46,

SC\_072612\_154,

SC072012\_290,

SC\_072012\_141,

SC\_072012\_58,

SC\_072012\_162,

SC\_072312\_46,

SC\_072012\_52,

SC\_072012\_62,

SC\_072312\_56,

SC\_072312\_55,

SC\_072012\_53,

SC\_072312\_12,

SC\_072312\_11,

SC\_072312\_47,

SC\_072612\_261,

SC\_072612\_253m

SC\_072312\_282,

SC\_072612\_75,

SC\_072112\_152,

SC\_072712\_48,

SC\_072612\_266,

SC\_072612\_34,

SC\_072312\_151,

SC\_072112\_97,

SC\_072712\_114,

SC\_072712\_227,

SC\_072712\_231,

SC\_072712\_175,

SC\_072812\_3,

SC\_072812\_33,

SC\_072612\_278,

SC\_072612)

Ceratina\_sp1 <-c(JC\_071712\_92,

JC\_071612\_125,

JC\_071712\_177,

JC\_071712\_158,

JC\_071612\_23,

JC\_071212\_52,

SC\_072012\_289,

SC\_072712\_171,

JC\_071212\_47,

JC\_071712\_133)

Lasioglossum\_sp14 <-c(CH\_082112\_21,

CH\_082112\_27,

CH\_082112\_38,

CH\_082112\_39,

CH\_082112\_87,

PL\_081212\_103,

CH\_082112\_73,

CH\_082112\_182,

CH\_082012\_31,

CH\_082112\_64)

Lasioglossum\_sp13 <-c(JC\_071412\_71,

JC\_071412\_104,

JC\_071512\_183,

JC\_071512\_145,

JC\_071612\_133,

JC\_071512\_195,

JC\_071712\_176,

JC\_071512\_105,

JC\_071512\_68,

JC\_071212\_23,

JC\_071712\_198,

JC\_071212\_102,

JC\_071712\_123,

JC\_071712\_129,

JC\_071412\_22,

JC\_071512\_85,

JC\_071512\_79)

Andrena\_sp2males <-c(MM\_080112\_149,

SC\_072812\_163,

SC\_072812\_179,

SC\_072812\_161,

SC\_072812\_184,

SC\_072812\_42,

SC\_072812\_37,

SC\_072712\_180,

SC\_072712\_178,

SC\_072112\_24,

SC\_072312\_60,

SC\_072112\_76,

MM\_080212\_316,

MM\_080212\_168,

MM\_080212\_201,

MM\_073112\_116,

MM\_073112\_44,

MM\_080212\_285,

SC\_072312\_51,

SC\_072012\_178,

SC\_072012\_218,

SC\_072612\_87,

SC\_072312\_208,

SC\_072112\_73,

SC\_072112\_69,

SC\_072112\_68,

SC\_072612\_193,

SC\_072612\_245,

SC\_072312\_214,

SC\_072812\_52,

SC\_072312\_234,

JC\_071512\_193,

SC\_072712\_183,

SC\_072612\_43,

SC\_072612\_46,

SC\_072012\_249,

SC\_072112\_78,

SC\_072112\_77,

SC\_072112\_83,

SC\_072612\_250,

SC\_072612\_249,

SC\_072612\_247,

SC\_072112\_18,

SC\_072612\_243,

SC\_072612\_257,

SC\_072612\_255,

SC\_072612\_93,

SC\_072012\_164,

SC\_072612\_205,

SC\_072312\_240,

SC\_072112\_125,

SC\_072612\_238,

SC\_072612\_237,

SC\_072612\_206,

SC\_072012\_163,

SC\_072612\_30,

SC\_072112\_134,

SC\_072612\_218,

SC\_072112\_133,

SC\_072612\_232,

SC\_072612\_92,

SC\_072112\_80,

SC\_072112\_159,

SC\_072612\_204)

Lasioglossum\_sp3 <-c(JC\_071712\_201,

JC\_071612\_129,

JC\_071712\_72,

JC\_071512\_194,

JC\_071212\_51,

JC\_071712\_204,

JC\_071212\_103,

JC\_071512\_146,

JC\_071512\_160,

JC\_071212\_121)

Lasioglossum\_sp4 <-c(JC\_071712\_94,

JC\_071212\_18,

JC\_071112\_24,

JC\_071512\_168,

JC\_071712\_163,

JC\_071512\_190,

JC\_071712\_140,

JC\_071712\_69,

JC\_071212\_101,

JC\_071512\_184)

Lasioglossum\_sp5 <-c(JC\_071712\_105,

JC\_071712\_98,

JC\_071412\_34)

Lasioglossum\_sp6 <-c(MM\_080112\_200,

MM\_080312\_182,

MM\_080212\_294)

Lasioglossum\_sp7\_males <-c(PL\_081012\_393,

PL\_081312\_48,

PL\_081312\_54,

PL\_081312\_50,

PL\_081212\_53,

PL\_081212\_50,

PL\_081312\_49,

PL\_081212\_52)

Lasioglossum\_sp8\_males <-c(MM\_080212\_127,

MM\_080212\_74,

JC\_071412\_55,

SC\_072712\_105)

Lasioglossum\_sp9\_males <-c(CH\_082012\_35,

CH\_082112\_20)

Lasioglossum\_sp10\_males <-c(JC\_071512\_64,

JC\_071512\_155,

JC\_071512\_92,

JC\_071512\_95,

JC\_071512\_93)

Lasioglossum\_sp11\_males <-c(JC\_071212\_89,

JC\_071512\_82,

SC\_072312\_252,

SC\_072012\_51,

SC\_072012\_63,

SC\_072312\_217,

SC\_072012\_50)

Lasioglossum\_sp12\_males <-c(PL\_081312\_209,

PL\_081112\_170,

PL\_081112\_77,

PL\_080912\_277)

Halictus\_sp1 <-c(SC\_072012\_42,

SC\_072012\_36,

SC\_072012\_30,

SC\_072012\_34,

SC\_072012\_33,

SC\_072012\_32,

SC\_072012\_28,

SC\_072012\_23,

SC\_072012\_22,

SC\_072012\_25,

SC\_072712\_60,

SC\_072612\_260,

SC\_072312\_21,

SC\_072312\_28,

SC\_072112\_95,

SC\_072012\_314,

SC\_072312\_165,

SC\_072112\_45,

SC\_072712\_24,

SC\_072312\_202,

SC\_027612\_41,

SC\_072012\_280,

SC\_072012\_279,

SC\_072912\_12,

SC\_072312\_194,

SC\_072312\_164,

SC\_072312\_294,

SC\_072312\_162,

SC\_072312\_161,

SC\_072312\_160,

SC\_072612\_44,

SC\_072012\_172,

SC\_072012\_41,

SC\_072312\_216,

SC\_072312\_196,

SC\_072112\_92,

SC\_072012\_287,

SC\_072112\_93,

SC\_072012\_201,

SC\_072712\_234,

SC\_072112\_89,

SC\_072312\_192,

SC\_072112\_88,

SC\_072312\_29,

SC\_072312\_41,

SC\_072312\_179,

SC\_072312\_180,

SC\_072312\_182,

SC\_072312\_181,

SC\_072712\_239,

SC\_072712\_237,

MM\_080212\_244,

JC\_071712\_19,

MM\_073112\_76,

MM\_080112\_134,

MM\_080312\_190,

MM\_073112\_3

JC\_072012\_19,

SC\_072012\_322,

SC\_072012\_313,

SC\_072312\_205,

SC\_072812\_73,

SC\_072812\_94,

SC\_072712\_210,

SC\_07212\_243,

SC\_072012\_312)