

doi: 10.1590/0102-33062017abb0101

List S1. Species of *Chamaecrista* studied. Vouchers are housed in the herbaria of the Universidade Estadual de Feira de Santana (HUEFS), Universidade do Estado da Bahia (HUNEB), New York Botanical Garden (NY), Jardim Botânico do Rio de Janeiro (RB), Universidade de São Paulo (SPF) and Universidade Federal de Viçosa (VIC). Collection preceded by an asterisk (*) correspond to field-collected material fixed in FAA (formalin: acetic acid: 50 % ethanol, 1:1:18 by volume) and/or FNT (neutral buffered formalin) (Johansen 1940).

C. cuprea H.S.Irwin & Barneby, Carvalho 1936, 12.X.1983 (RB). **C. deeringiana** Small & Pennell, Small 4078, 03.IX.1912 (NY); Small 8124, 30.IV.1917 (NY); Small 8787, 15.V.1918 (NY). **C. fasciculata** (Michx.) Greene, Miranda et al. 1747, 18.VI.1994 (HUEFS); Oliveira et al. 42 02.VIII.1996 (HUEFS). **C. glandulosa** Greene var. **andicola** H.S.Irwin & Barneby, Klitgaard 394, 25.II.1997 (RB). **C. lineata** Greene, Rando 964, 960, 20.XI.2010 (SPF). **C. nictitans** var. **disadena** (Steud.) H.S.Irwin & Barneby, Queiroz 4439, 30.VIII.1995 (RB); Fernandes 1, 11.IX.1998 (HUEFS). **C. nictitans** Moench var. **jaliscensis** (Greenm.) H.S.Irwin & Barneby, Calónico 4736, 10.X.1997 (HUEFS). **C. nictitans** Moench var. **paraguariensis** (Chodat & Hassl.) H.S.Irwin & Barneby, Hatschbach 34277, 16.II.1974 (RB); Silva 1262, 23.III.1993 (HUEFS); Silva 273, 03.VIII.1981 (HUEFS). **C. obcordata** Britton, Sastre et al. 1969, 13.VIII.1973 (NY); Galo 693, 12.II.1952 (NY). **C. pascuorum** (Mart. ex Benth.) H.S.Irwin & Barneby, Harley 10264, 02.II.1977 (RB); Harley 19153, 27.II.1977 (RB); Anderson et al. 36977, 15.III.1972 (RB). **C. pedicellaris** Britton var. **pedicellaris**, Ekman 7577, 25.VIII.1916 (NY); Holdridge 1126, 12.IV.1942 (NY); Leonadr & Leonard 13359, 13.II.1929 (NY). **C. pedicellaris** Britton var. **adenosperma** (Urb.) H.S.Irwin & Barneby, Almonte 8502, 10.XII.1978 (NY); Lavastre 539, XII.1962 (NY); Ekman 14498, 22.III.1930 (NY). **C. portoricensis** (Urb.) O.F.Cook & G.N.Collins var. **portoricensis**, Britton & Rose 1406, 27.II.1913 (NY); Axelrod & Chavez 4707, 28.VI.1992 (NY); Britton & Boynton 288, 21.III.1925 (NY). **C. pygmaea** Britton var. **pygmaea**, Shafer 10709, 05.XII.1911 (NY); Ekman 17268, 23.VIII.1923 (NY). **C. pygmaea** Britton var. **savannarum** (Britton) H.S.Irwin & Barneby, Véllez-Gavilán et al. 113, 17.VII.1996 (NY). **C. repens** (Vogel) H.S.Irwin & Barneby var. **repens**, Fernandes s/n, 19.VII.1977 (HUEFS); Queiroz & Machado 12604, 29.II.2006 (HUEFS). **C. repens** (Vogel) H.S.Irwin & Barneby var. **multijuga** (Benth.) H.S.Irwin & Barneby, Harley 21111, 09.IV.1980 (RB); Silva 2497, 01.IX.1994 (RB); Carvalho 2941, 20.III.1990 (RB). **C. rufa** Britton & Rose var. **exsul** H.S.Irwin & Barneby, Teixeira et al. 441, 14.V.1982 (NY); Berg et al. 18501, 14.X.1973 (NY). **C. rufa** Britton & Rose var. **polyphlebia** H.S.Irwin & Barneby, Pennell 1328, 23.VIII.1917 (NY); García-Barriga 17211, 10.III.1960 (NY); Johnson 3080, 21.X.1983 (NY). **C. venturiana** H.S.Irwin & Barneby, Novara 2211, 26.XI.1981 (NY); Pensiero & Marino 4251, 03.XII.1992 (NY); Balcazar 21, 02.I.1994 (NY). **C. vestita** (Vogel) H.S.Irwin & Barneby, Krapovickas & Cristobal 40774, 12.I.1987 (NY); Hatschbach 23926, 26.II.1970 (NY); Leite 1983, 01.XI.1942 (NY). **C. greggii** Pollard ex A.Heller var. **greggii**, Johnston 5459, 04.V.1960 (NY); Lavin et al. 4513, 27.VIII.1983 (NY); Worthington 8323, 02.VI.1982 (NY); Hinton et al. 24261, 04.VI.2003. **C. greggii** Pollard ex A.Heller var. **macdougaliana** (Rose) H.S.Irwin & Barneby, Hughes 1785, 11.XI.1993 (NY); Breckon & Kolterman 2342, 06.VII.1978 (NY); Rose & Hay 5888, 01.VIII.190 (NY). **C. greggii** Pollard ex A.Heller var. **potosini**, Crutchfield 5383B, 20.IV.1960 (NY); Stanford 871, 12.VIII.1941 (NY). **C. flexuosa** Greene var. **flexuosa**, Carneiro-Torres 89, 29.XI.1998 (HUEFS); Conceição 361, 18.IX.1999 (HUEFS); *Coutinho & Laurenção 269, 270, 271, 18.VIII.2013 (VIC). **C. flexuosa** Greene var. **texana** (Buckley) H.S.Irwin & Barneby, MacDougall s/n, 30.IV.1970 (NY); Sánchez 5872, 20.VIII.1976 (NY). **C. gonoclada** (Benth.) H.S.Irwin & Barneby, Hatschbach 45885, 11.XII.1982 (NY); Dubs 1756, 09.IX.1994 (NY). **C. parvistipula** (Benth.) H.S.Irwin & Barneby, Kirkbride 3807, 12.II.1981 (RB); Irwin 11610, 12.I.1966 (RB); Irwin 25344, 25.I.1970 (RB). **C. swainsonii** (Benth.) H.S.Irwin & Barneby, Lima 6916, 27.VII.2008 (RB); Gonzaga 6, 10.VIII.1985 (RB); Conceição 702, 20.VIII.2003 (HUEFS). **C. cordistipula** (Mart.) H.S.Irwin & Barneby, Zardini & Guard 15477, 31.X.1989 (NY); Hatschbach 29518, 15.IV.1972 (NY); Aristeguieta 6322, VIII.1966 (NY); Saravia 2907, 20.X.1963 (NY). **C. kunthiana** (Schltdl. & Cham.) H.S.Irwin & Barneby, Queiroz 14171, 24.IV.2009 (HUEFS); Faria 47, 30.IV.1999 (HUEFS); Silva 1656, 18.VII.1993 (HUEFS). **C. pilosa** Greene var. **pilosa**, Queiroz 369, 20.V.2005 (HUEFS); Queiroz 19, 16.VIII.2002 (HUEFS). **C. pilosa** Greene var. **luxurians** (Benth.) H.S.Irwin & Barneby, Collares 156, 02.VI.1984 (HUEFS). **C. serpens** Greene var. **serpens**, Queiroz 2894, 26.XI.1992 (HUEFS, RB); Dutra 03, 12.V.1994 (HUEFS); Queiroz 2904, 29.XI.1992 (HUEFS, RB). **C. supplex** (Mart.) Britton & Rose in Britton & Killip, Harley 21490, 18.IV.1980 (RB); Coradin 5932, 22.VI.1983 (RB). **C. tenuisepala** (Benth.) H.S.Irwin & Barneby, Queiroz 478, 19.VI.2005 (HUEFS); Delgado-Junior 45, 04.IV.2009 (HUEFS). **C. trichopoda** Britton & Rose ex Britton & Killip, Oliveira et al. 446, 18.IV.2000 (HUEFS); Silva et al. 3361, 27.II.1996 (HUEFS, NY). **C. anceps** (Benth.) H.S.Irwin & Barneby, Damazio 2014, 1908 (RB). **C. aristata** (Benth.) H.S.Irwin & Barneby, *Coutinho et al. 96, 14.VIII.2012 (VIC); Hatschbach 67980, 18.VII.1998 (RB); Queiroz 7528, 08.I.2003 (HUEFS). **C. burchelli** (Benth.) H.S.Irwin & Barneby, Irwin 34703, 21.I.1972 (RB); Silva 2244, 1.XII.2003 (RB). **C. cardiostegia** H.S.Irwin & Barneby, Irwin 25482, 20.I.1970 (RB, NY); Magalhães 5434; Duarte 2802. **C. caribaea** Britton var. **caribaea**, Britton 3448, 28.I.1905 (NY); Small & Carter 8853, 01.II.1910 (NY); Brace 4972,



18.VIII.1906 (NY). **C. caribaea** Britton var. **lucayana** (Britton) H.S.Irwin & Barneby, Rando 963, 22.XI.2010 (NY, SPF); Brace 3985, 4.XII.1905 (NY); Wilson 7895, 28.XII.1907 (NY); Britton & Millspaugh 2841, 20.II.1905 (NY). **C. caribaea** Britton var. **inaguensis** (Britton) H.S.Irwin & Barneby, Millspaugh & Millspaugh 9303, 12.III.1911 (NY); Proctor & Gillis 34033, 11.VI.1974 (NY); Correll 43167, 26.VIII.1976 (NY). **C. cinerascens** (Vogel) H.S.Irwin & Barneby, Kawasaki et al. 973, 23.V.1997 (SPF); Joly et al. CFSC2198, 27.V.1972 (SPF); *Coutinho & Pereira 187, 25.IV.2013 (VIC). **C. choriophylla** (Vogel) Irwin & Barneby, *Coutinho et al. 11, 21.VI.2012 (VIC). **C. lagotois** H.S.Irwin & Barneby, *Coutinho et al. 407, 408, 409, 24.III.2014 (VIC). **C. latifolia** (Benth.) Rando, Souza et al. 11609, 04.VII.1996 (HUEFS); Hatschbach 68259, 25.VII.1998 (HUEFS); *Coutinho et al. 46, 47, 02.VIII.2012 (VIC). **C. distichoclada** (Mart. ex Benth.) H.S.Irwin & Barneby, Irwin 22733, 27.I.1969 (RB); Queiroz 2368, 04.VII.1989 (HUEFS); Azevedo 342, 26.V.2007 (HUEFS). **C. mucronata** (Spreng.) H.S.Irwin & Barneby, Cardoso & Conceição 597, 19.VI.2005 (HUEFS); Silva et al. 2628, 05.IX.1994 (HUEFS); Harley et al. 3784, 24.VIII.1996 (HUEFS). **C. multinervia** (Mart. ex Benth.) H.S.Irwin & Barneby, Hatschbach 46500, 16.V.1983 (RB); Vaillant 55, 22.VI.1978 (HUEFS). **C. olesiphylla** (Vogel) H.S.Irwin & Barneby, Giulietti s/n, 30.VIII.1981 (RB); Forzza 4844, 14.I.2007 (RB). **C. papillata** H.S.Irwin & Barneby, Pereira 9188, 13.IX.1964 (RB); Maguire 49019, 06.VIII.1960 (RB); Souza 25025, 4.VII.2001 (RB); *Coutinho et al. 386, 387, 22.III.2014 (VIC). **C. potentilla** (Mart. ex Benth.) H.S.Irwin & Barneby, *Coutinho et al. 20, 27.VI.2012 (VIC); Menini-Neto 719, 25.V.2009 (RB); Lima 6366, 25.VII.2005 (RB). **C. roraimae** Gleason, Silva et al. 126, 127, 128, 26.VII.2011 (HUNEB). **C. rossicorum** (H.S. Irwin & Barneby) Rando, Conceição et al. 739, 12.IX.2003 (HUEFS); Silva et al. 2888, 14.IX.1994 (HUEFS); Silva 2891, 15.IX.1994 (HUEFS). **C. rotundata** (Vogel) H.S.Irwin & Barneby var. **rotundata**, Alves 734, 21.

IX.1989 (RB). **C. rotundata** (Vogel) H.S.Irwin & Barneby var. **interstes** H.S.Irwin & Barneby, Lima 1069, 13.V.1979 (RB); Martinelli 9199, 6.IV.1983 (RB). **C. rotundata** (Vogel) var. **grandistipula** (Vogel) H.S.Irwin & Barneby, *Coutinho et al. s.n., 15.VI.2011 (VIC); Romariz 112, 06.II.1947 (RB). **C. simplifacta** H.S.Irwin & Barneby, *Coutinho & Moura 132, 133, 19.I.2013 (VIC). **C. tragacanthoides** (Mart. ex Benth.) H.S.Irwin & Barneby var. **tragacanthoides**, Stehmann 2671, 21.IX.2000 (HUEFS); *Coutinho et al. 476, 26.III.2014 (VIC). **C. tragacanthoides** (Mart. ex Benth.) H.S.Irwin & Barneby var. **rasa** H.S.Irwin & Barneby, Forzza 4089, 18.VII.2005 (RB); Queiroz et al. 14932, 27.X.2010 (HUEFS). **C. ulmea** H.S.Irwin & Barneby, Hatschbach 41627, 21.X.1978 (RB); Pirani et al. 13034, 15.VI.1990 (HUEFS); Zappi et al. 12000, 27.V.1988 (HUEFS). **C. venulosa** (Benth.) H.S.Irwin & Barneby, Amorim 6202, 6239, 03.IX.2006 (RB); Gonzaga 44, 12.VIII.1995 (RB). **C. calycioides** Greene var. **calycioides**, Queiroz 4441, 30.VIII.1995 (HUEFS); Oliveira 719, 06.VI.2004 (HUEFS); Pesqueira et al. 86, 22.III.2008 (HUEFS). **C. duckeana** (P.Bezerre & Afr.Fern.) H.S.Irwin & Barneby, Lima-Verde et al. 268, 13.VI.1996 (HUEFS). **C. desvauxii** (Collad.) Killip var. **desvauxii**, *Coutinho et al. s/n, 03.VII.2011 (VIC). **C. desvauxii** (Collad.) Killip var. **glauca** (Hassl.) H.S.Irwin & Barneby, *Coutinho 125, 18.I.2003 (VIC); Coutinho 118, 16.I.2003 (VIC) *Coutinho et al. 294, 295 13.I.2014 (VIC). **C. desvauxii** (Collad.) Killip var. **graminea** H.S.Irwin & Barneby, *Coutinho et al. s/n, 03.VII.2011 (VIC). **C. diphylla** (L.) Greene, *Coutinho 533, 534 (VIC). **C. ramosa** (Vogel) H.S.Irwin & Barneby var. **parvifoliola** H.S.Irwin & Barneby, *Coutinho et al. s/n, 03.VII.2011 (VIC).

References

Johansen DA. 1940. Plant microtechnique. New York, McGraw-Hill.

