

Table S7 The specimen of voucher numbers. In the table, MHH represents the specimens were collected by ourselves in the field of this study; PE (Herbarium of Institute of Botany), IBSC (the South China Botanical Garden Herbarium) and KUN (Herbarium of Kunming Institute of Botany).

Previously recognized species	Specimens of <i>Engelhardia</i> in the morphological statistics analyses
<i>E. spicata</i> var. <i>spicata</i>	MHH 2018032702, 2018032806, 2018033123, 2018040102, 2018040103, 2018040104, 2018040217, 2018052306, 2018052501, 2018092001, 2018092005, 20170426008, 20170427009, 20170428001, 20170428005, 20170429007, 20170501005, 20170506027, 20170621003, 2018100916A, 2018100916B, 0102, 0115, 00064A; KUN 0583370, 0583372, 0583385, 0583387, 0583388, 0583390, 0583394, 0583397, 0583398, 0583401, 0583402, 0583404, 0583405, 0583406, 0583412, 0583413, 0583426, 0583427, 0583428, 0583429, 0583431, 0583432, 0583434, 0583440, 0583442, 0583443, 0583461, 0583463, 0583466, 0583467, 0583469, 0583470, 0583471, 0583472, 0583476, 0583477, 0583494, 0583496, 0583497, 0587181, 0587187, 0600257, 0600264, 0600265, 0600266, 0600267, 0600290, 0751569, 0751570, 0806198, 0874602, 0874603, 0975523, 1042665, 1043251, 1064160, 1292806; PE 00821712, 00821773, 00821774, 00821775, 00821779, 00821783, 00821785, 00821786, 00821789, 00821792, 00821793, 00821805, 00821806, 00821807, 00821808, 00821809, 00821811, 00821814, 00821817, 00821824, 00821833, 00821837, 00821852, 00821855, 00821856, 00821860, 01458167, 01579243, 01579244, 01661524, 01661525, 01661526, 01788568, 01788569, 01788572.
<i>E. spicata</i> var. <i>aceriflora</i>	MHH 20180527, 2018032703, 2018032708, 2018032712, 2018032812, 2018051906, 2018052113, 2018052124, 2018052420, 2018052421, 2018052527, 2018052613, 2018052710, 2018052719, 2018052721, 20170503004; KUN 0583042, 0583099, 0583101, 0583103, 0583104, 0583105, 0583109, 0583110, 0583113, 0583114, 0583115, 0583116, 0583117, 0583121, 0583136, 0583393, 0583411, 0583414, 0583415, 0583418, 0583419, 0583424, 0583444, 0583445, 0583448, 0583449, 0583450, 0583453, 0583454, 0583455, 0583458, 0583459, 0583460, 0583462, 0583475, 0583484, 0583487, 0583488, 0583491, 0583498, 0583499, 0583500, 0583501, 0587189, 0587190, 0600256, 0600275, 0759135, 0765339, 0765340, 0772776, 0840165, 0908003, 1292805, 1292808, 1346814; PE 00821120, 00821125, 00821127, 00821129, 00821763, 00821835, 00821858, 01661527.
<i>E. spicata</i> var. <i>colebrookeana</i>	MHH 218052719, 2018033113, 2018040325, 2018040326, 2018040416, 2018040419, 2018040420, 2018051326, 2018051412, 2018052114, 2018052125, 2018052126, 2018052203, 2018052403, 2018052422, 2018052428, 2018052435, 2018052524, 2018052702, 2018052708, 20170501004, 20170501007, 20170501010, 20170502008, 20170502010; KUN 058183, 058791, 0568603, 0568604, 0583037, 0583041, 0583045, 0583055, 0583056, 0583057, 0583058, 0583063, 0583064, 0583065, 0583066, 0583067, 0583068, 0583069, 0583072, 0583076, 0583080, 0583081, 0583085, 0583086, 0583088, 0583092, 0583124, 0583126, 0583127, 0583128, 0583130, 0583131, 0583133, 0583134, 0583184, 0583185, 0583188, 0583190, 0583192, 0583193, 0583194, 0583195, 0583201, 0583207, 0583210, 0583211, 0583366, 0587192, 0587233, 0600282, 0751571, 0756736, 0759176, 0869803, 0869804, 0881277, 0881278, 0952962, 0955832, 1026445, 1266945, 1289842, 1292807, 1294156, 1294157; PE 00821144, 00821145, 00821146, 00821148, 00821149, 00821150, 00821154, 00821155,

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<i>E. serrata</i> var. <i>serrata</i>	MHH 20181001001, 20181001002, 20181001003, 20181001004, 20181001005, 20181001006 MHH 2018032813, 2018032814, 2018032815, 2018032816, 2018032817, 2018032818, 2018032819, 2018032820, 2018052614, 2018052615, 2018052616; KUN 0583356, 0583357, 0583358, 0583359, 0583360, 0583361, 0583362, 0583363, 0583364, 0583365, 0583367, 0583368, 0583369, 0587193, 0587194; PE 00821209, 00821210, 00821233, 00821257, 00821259, 00821758, 00821759, 00821760, 00821761, 00821764, 00821765, 00821766. MHH 201809015, 201809033, 2018050122, 2018051201, 2018051801, 2018051918, 20170514009, 20170518003W, 00020; KUN 0583122, 0583123, 0583140, 0583143, 0583144, 0583145, 0583147, 0583149, 0583150, 0583151, 0583152, 0583154, 0583156, 0583157, 0583158, 0583160, 0583161, 0583162, 0583163, 0583168, 0583169, 0583171, 0583172, 0583174, 0583175, 0583176, 0583178, 0583213, 0583217, 0583218, 0583219, 0583221, 0583223, 0583224, 0583226, 0583227, 0583228, 0583231, 0583232, 0583234, 0583235, 0583239, 0583241, 0583242, 0583244, 0583246, 0583248, 0583249, 0583251, 0583252, 0583253, 0583254, 0583255, 0583257, 0583258, 0583259, 0583261, 0583263, 0583265, 0583315, 0583316, 0583320, 0583321, 0583323, 0583325, 0583326, 0583327, 0583328, 0583331, 0583332, 0583334, 0583336, 0583337, 0583340, 0583344, 0583346, 0583348, 0583349, 0583354, 0587182, 0587183, 0587185, 0587186, 0587188, 0587196, 0587269, 0759807, 0804285, 0806199, 0806200, 0806202, 0811645, 1057376, 1294152, 1294153; PE
<i>E. roxburghiana</i>	00821128, 00821130, 00821132, 00821133, 00821134, 00821136, 00821389, 00821496, 00821498, 00821503, 00821508, 00821510, 00821512, 00821516, 00821517, 00821518, 00821521, 00821524, 00821527, 00821529, 00821530, 00821534, 00821535, 00821536, 00821537, 00821538, 00821539, 00821541, 00821543, 00821545, 00821546, 00821549, 00821550, 00821552, 00821553, 00821554, 00821556, 00821558, 00821563, 00821564, 00821565, 00821567, 00821569, 00821570, 00821571, 00821574, 00821575, 00821580, 00821593, 00821594, 00821598, 00821609, 00821620, 00821626, 00821630, 00821643, 00821645, 00821659, 00821669, 00821675, 00821683, 00821688, 00821690, 00821696, 00821707, 00821714, 00821717, 00821720, 00821722, 00821734, 00821736, 00821743, 00821745, 00821748, 00821749, 01269874, 01297677, 01297678, 01297679, 01297680, 01297681, 01297683, 01297684, 01352843, 01579238, 01579964, 01579967, 01579971, 01579978, 01602470, 01604546, 01781897, 01815963, 01872399, 01984079, 01984092, 19730818.
<i>E. rigida</i>	MHH 2018092214, 2018092215
<i>E. hainanensis</i>	MHH 20170514001, 20170514001-F; IBCS 0417976, 0417977, 0417978, 0417979, 0417980, 0741246. MHH 2018042501, 2018042820, 2018042823; KUN 0092305, 0583268, 0583270, 0583271, 0583273, 0583274, 0583275, 0583276, 0583277, 0583278, 0583279, 0583280, 0583281, 0583282, 0583283, 0583284, 0583285, 0583286, 0583288, 0583289, 0583290, 0583291, 0583292, 0583293, 0583294, 0583295, 0583296, 0583297, 0583298, 0583299, 0583300,
<i>E. fenzelii</i>	

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E. apoensis

MHH 20181001011, 20181001012, 20181001013, 20181001014.
