



•生物编目• 2020年新物种专题

中国植物新分类群、新名称2020年度报告

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摘要: 2020年中国共发表高等植物新分类群359个, 其中新属21个、新种312个、新亚种6个、新变种14个、新变型6个; 发表新组合(等级) 217个, 新名称11个; 发表国家级新记录48个; 将85个名称处理为65个名称的异名; 对14个名称进行了应用订正; 新指定后选(新)模式物种147个; 还新发现多年未曾发现的物种2个, 排除物种分布3个。新发表的物种中, 苔类植物门有3个、藓类植物门3个、蕨类植物门6个、裸子植物门1个新杂交种、被子植物门299个。这些新物种中, 有86个发表的同时提供了详细的分子证据, 78个在发表时就依据IUCN标准被评估处于受威胁的状态。云南、西藏、广西和四川等西南4省区发表新物种最多, 占全国新物种发表总数的2/3; 新物种发现密度最高的省级行政单位是云南、海南、台湾、广西和浙江等省区; 墨脱县是新物种发现数量最多的县级行政单位。2020年中国高等植物净新增294个分类群, 占全国总数的0.79%, 313个高等植物名称发生变动, 占全国总数的0.84%。

关键词: 高等植物; 新分类群; 名称变动; 中国

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Annual report of new taxa and new names for Chinese plants in 2020

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ABSTRACT

Aim: China has the richest and most diverse flora in the northern hemisphere, with more than 37,098 accepted species of higher plants throughout its vast territory. Each year more than 200 new species from China have been described, but these data have not been updated in international databases expediently. To meet this need, it is necessary to produce an annual report on new taxa, name changes, and latest statuses of higher plants in China.

Methods: We collected information about new taxa and name changes for Chinese higher plants by searching 231 journals and books and 405 articles published in 66 journals and 2 books. We compiled the information and checked the scientific name, author, location, type specimen, and additional relevant information for each species.

Results: In 2020, a total of 359 new taxa of higher plants described from China were reported, including 21 new genera, 312 new species, 6 new subspecies, 14 new varieties, and 6 new forms, as well as 217 new combinations and names at new ranks and 11 new replacement names. In addition, 48 plants were new records for China, 85 names were determined as synonyms of 65 taxa, 14 names were revised, lectotypes or neotypes were designated for 147 names, 2

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species were rediscovered, and 3 species were excluded from China. These newly described species belong to Marchantiophyta (3 species), Bryophyta (3 species), Pteridophyta (6 species), Gymnospermae (1 new nothospecies), and Magnoliophyta (299 species). A total of 86 new species were published with detailed molecular evidence, and 78 new species were evaluated as threatened species according to IUCN standards. Four southwestern provinces, including Yunnan, Xizang, Guangxi, and Sichuan, were the most important sources of new discoveries, accounting for two thirds of the total number of new species published in China. Yunnan, Hainan, Taiwan, Guangxi, and Zhejiang had the highest density of newly discovered species.

Conclusions: In 2020 in China, a net of 294 (0.79% of the total number) new plant taxa were recorded and 313 (0.84% of the total number) plant names were changed. 2020 was undoubtedly a fruitful year in plant taxonomic research, with the largest increase in the number of species discovered, the number of taxonomic revisions made, and the number of articles published on Chinese higher plants since 2000.

Key words: higher plants; new taxa; new name changes; China

据最新报道, 中国有37,098种高等植物(The Biodiversity Committee of Chinese Academy of Sciences, 2020), 在北温带, 中国无疑拥有最丰富、最多样化的植物区系(Hong & Blackmore, 2015)。丰富的生物多样性和稳定的专业分类学研究人员的高度匹配, 使中国从20世纪90年代开始就一直位于国家年度维管植物新物种发现和命名的前三名。英国皇家植物园(邱园)根据国际植物名称索引(International Plant Names Index, IPNI, <http://www.ipni.org/>)的统计, 平均每年有超过100个维管植物新物种在中国被描述发表(Willis & Bachman, 2016; Willis, 2017; Antonelli et al, 2020)。由于国际数据库对包括中国在内的区域性植物新物种发表资料存在一定程度的遗漏, 2019年中国维管植物新物种发表数量实际超越了位于赤道并拥有世界最大面积热带雨林的巴西, 成为当年全世界发现植物新物种最多的国家(Antonelli et al, 2020; Du et al, 2020)。详细的统计数据显示, 中国平均每年发表220个维管植物新分类群, 发现32个国家级新记录, 世界上每年新发表的维管植物类群有1/10来自中国, 且没有明显减缓的趋势(Du et al, 2020)。可见被世界公认为北温带植物大国的中国仍有大量植物等待被发现。

尽管大多数植物新物种都发表在国际性刊物或主要的国内植物学专业期刊上, 但仍然有部分物种不能及时被国际数据库收录, 特别是发表在综合性刊物、地方性刊物或一些书籍中的分类群。对这些分散于各种书籍及刊物中的有关于植物新分类群、名称变化及新发现等植物新资料, 有必要进行年度性的汇总, 从而方便学者发现和引用, 并对处理不当的类群及时进行分类学处理。

我们系统检索和整理了曾经发表植物类群或

名称的210种期刊, 并通过中国知网(<https://www.cnki.net/>)、IPNI和Tropicos (<http://www.tropicos.org/>)检索到21个新增期刊和2部书籍中也有植物名称的发表。通过系统梳理发现: 2020年度有66个期刊发表的405篇文章内容涉及到高等植物的新分类群(新属、新杂交属、新种、新杂交种、新亚种、新变种、新变型)、新组合(等级)名称、新名称、国家级新记录、新异名、后选(新)模式指定以及名称应用订正等信息。这些新分类群和名称变化将会对中国的植物物种编目带来影响, 特别是植物志、植物名录等涉及植物名称的著作编写。

经过数据清理和统计, 2020年共发表中国境内高等植物新分类群359个, 其中新属21个(含1个杂交属); 新种312个(含3个杂交种), 新种下等级26个(其中亚种6个、变种14个、变型6个); 新组合(等级)217个, 新名称11个。发表国家级新记录48个; 将85个名称处理为65个名称的异名; 新指定后选(新)模式物种147个; 还对14个名称进行了应用订正; 新发现多年未曾发现的物种2个, 排除了3个物种在中国的分布。

我们整理形成了中国植物新分类群文献目录2020(附录1), 将2020年发表的高等植物新分类群、新记录类群、名称变动、模式化及其他涉及名称变动的情况以条目的形式给出。该目录按照科名字母顺序排列, 每个科内按照字母顺序排列条目。每个条目包含了物种学名、具体分类学处理、发表文献信息和分布信息, 以及文章对应的doi编号。对于新物种还给出了IUCN评估等级和物种发表证据等级。列出了本年度所有收录期刊的详细信息, 并展示了2020年新发表高等植物物种的模式标本及其采集地、采集时间、标本馆藏地等信息, 方便查阅。

1 新发表物种的基本状况

2020年是1990年以来中国高等植物新种发表数量最多的一年, 达到312个。其原因与分类学文章发表数量显著提高(平均为200篇/年)和类群专著(Harber, 2020)中大量物种集中发表有直接关系。

2020年发表的312个新种中, 苔类植物门有3个、藓类植物门3个、蕨类植物门6个、被子植物门299个, 以及裸子植物门1个新杂交种。苔藓植物、蕨类植物和裸子植物的新种发表数量显著少于被子植物。312个新种中有86个在发表文献中提供了详细的分子系统学研究证据, 占新物种总数的27.6%。这些包含分子系统学证据的新种全部发表在期刊中, 特别是被SCI收录的期刊, 发表在专著中的新种则基本没有包含或引用分子证据。在发表新分类群时, 叶绿体基因组的 *rbcL*、*matK*、*trnH-psbA*、*trnL-F* 和核基因组的ITS片段最常作为构建系统发育树的序列。尽管还有近3/4的物种依据形态学(也包括种皮、孢粉、叶表皮等微形态特征)证据发表, 但分子系统学证据已逐渐成为国际期刊审稿人关注的重要证据之一。

312个新种有115个依据IUCN标准评估了濒危等级, 其中39个被评为极危(CR)、17个为濒危(EN)、18个为易危(VU)、4个为近危(NT)、10个为无危(LC)、27个数据缺乏(DD); 剩余197个物种没有评估, 但有4个被认为属于濒危, 但没有依据IUCN标准给出依据。可见新发表的物种中超过1/4在发表时已经处于受威胁状态。

312个新种中有235个是基于作者团队自己采集到的标本描述发表, 占总数的75.3%, 其他77个是依据其他团队采集的馆藏标本描述发表。这些新物种中有14种在采集的当年被发表, 共170种在采集后3年内发表, 196种在采集后5年内发表, 243种在采集后10年内发表, 289种在采集后30年内发表, 仅有5个新种的模式标本采自于100年前(最早的标本采于1904年)。出现次数最多的采集队是Boufford主导的中美联合植物考察队, 其他如青藏高原采集队、高黎贡山采集队等均只有零星出现。

一个物种从标本采集到最终被描述发表的时间被称为物种的“橱柜时间”。所有生物类群的平均橱柜时间为21年, 植物的平均橱柜时间则超过了30年(Fontaine et al, 2012)。1970–2010年间, 仅有16%

的植物物种在被采集到的5年内得到初步描述发表, 大约1/4植物物种的橱柜时间则超过了50年(Bebber et al, 2010)。我们的统计数据显示, 2020年新发表中国植物物种的橱柜时间显著缩短至10.8年, 62.8%的植物物种在被采集到的5年内得到描述发表, 77%的物种在被采集到的10年内得到描述发表。这些数据表明, 近些年来中国植物分类学工作者的野外采集活动比较活跃, 采集到的标本也能够及时处理。此外采集新鲜材料可提供分子及细胞学研究为物种的发表提供更客观的证据, 也是将模式指定为新近采集标本的原因之一。仅有不到8%的物种是根据或引证采集30年以上的标本发表, 也暴露出学者们对标本馆丰富历史标本研究的缺位。

2 新发表的属级分类群

2020年中国高等植物共发表了22个新属名, 代表了21个新的属级分类群, 以及1个属因重名而给出的新名称。这些新属都属于维管植物, 其中蕨类植物门3个, 被子植物门18个。除了Nesom (2020a, b, c, d, e, f, g)发表的10个自菊科紫菀属(*Aster* L.)独立出的小属(表1)外, 余下的11属均有详细的分子系统学及形态学证据, 并且都是自传统的形态学中独立出来的单系类群。这11个单系新属包括:

(1)菊科: 广义鸦葱属(*Scorzonera* L. s. l.)独立出拐轴鸦葱属(*Lipschitzia* Zaika, Sukhor. & N. Kilian), 并恢复毛鸦葱属(*Gelasia* Cass.)、鸦葱属(*Takhtajaniantha* Nazarova)、假柄果菊属(*Pseudopodospermum* Kuth.)等几个单系小属的属级地位(Zaika et al, 2020); 曾经被分散置于莴苣属(*Lactuca* L.)和耳菊属(*Nabalus* Cass.)的单系群合并组建中国苣属(*Sinoseris* N. Kilian, Ze H. Wang & H. Peng) (Wang ZH et al, 2020); 橐吾属(*Ligularia* Cass.)线苞组(Sect. *Stenostegia* Pojark.)提升为无鞘橐吾属(*Vickifunkia* C. Ren, Long Wang, I. D. Illar. & Q. E. Yang) (Ren et al, 2020)。

(2)兰科: 并系类群羊耳蒜属(*Liparis* Rich.)睫唇兰组(Sect. *Blepharoglossum* Schltr.)提升为睫唇兰属(*Blepharoglossum* (Schltr.) L. Li) (Li L et al, 2020); 拟万代兰属(*Vandopsis* Pfitz.)独立出船唇兰属(*Cymbilabia* D. K. Liu & Ming H. Li) (Liu et al, 2020)。

(3)水龙骨科: 瓦韦属(*Lepisorus* (J. Sm.) Ching)

表1 G. L. Nesom 2020年发表的新属中涉及中国类群的统计

Table 1 New genus based on Chinese taxa published by G. L. Nesom in 2020

中文属名 Chinese name of the genus	属学名 Scientific name of the genus	模式种基名 Basionym of type species	包含物种数量 Number of species
东风菜属	<i>Cardiagyris</i> G. L. Nesom	<i>Aster scaber</i> Thunb.	4
镰叶紫菀属	<i>Chaosienchangia</i> G. L. Nesom	<i>Aster falcifolius</i> Hand.-Mazz.	1
长柄马兰属	<i>Cordiofontis</i> G. L. Nesom	<i>Aster peduncularis</i> Wall. ex Nees	1
巴塘紫菀属	<i>Geothamnus</i> G. L. Nesom	<i>Aster batangensis</i> Bureau & Franch.	1
褐毛紫菀属	<i>Griersonia</i> G. L. Nesom	<i>Aster fuscescens</i> Bureau & Franch.	3
重羽紫菀属	<i>Iteroloba</i> G. L. Nesom	<i>Aster bipinnatisectus</i> Ludlow ex Grierson	1
灰枝紫菀属	<i>Sinobouffordia</i> G. L. Nesom	<i>Aster poliothamnus</i> Diels	2
小舌紫菀属	<i>Sinosidus</i> G. L. Nesom	<i>Amphirhapis albescens</i> DC.	8 (9变种 9 varieties)
重冠紫菀属	<i>Tibetiodus</i> G. L. Nesom	<i>Heterochaeta diplostephioides</i> DC.	25
横斜紫菀属	<i>Yonglingia</i> G. L. Nesom	<i>Aster hersileoides</i> C. K. Schneid.	2

独立出印度瓦韦属(*Ellipinema* Li Bing Zhang & Liang Zhang) (Zhang L et al, 2020a); 宽带蕨属(*Platygyria* Ching & S. K. Wu) 耳基宽带蕨(*Platygyria* × *inaequibasis* Ching & S. K. Wu)被确认为印度瓦韦属和瓦韦属属间杂交新属耳基宽带蕨(×*Ellipisorus* Li Bing Zhang & Liang Zhang; ×*Lepinema* Li Bing Zhang & Liang Zhang nom. illeg.) (Zhang & Zhang, 2020a, b)。

(4)木樨科: 木樨属(*Osmanthus* Lour.)圆锥花序组(Sect. *Leiolea* (Spach) P. S. Green)被提升为万钧木属(*Chengiodendron* C. B. Shang, X. R. Wang, Yi F. Duan & Yong F. Li) (Li YF et al, 2020)。

(5)瓶尔小草科: 小阴地蕨属(*Botrychium* Sw.)中独立出单系分支劲直阴地蕨属(*Sahashia* Li Bing Zhang & Liang Zhang) (Zhang L et al, 2020b)。

(6)禾本科: 竹亚科箬竹属(*Indocalamus* Nakai)中新成立单型属雷文竹属(*Ravenochloa* D. Z. Li & Y. X. Zhang) (Zhang YX et al, 2020); 赤竹属(*Sasa* Makino & Shibata)中国类群新成立单系类群华赤竹属(*Sinosasa* L. C. Chia ex N. H. Xia, Q. M. Qin & Y. H. Tong) (Qin et al, 2020)。

3 新分类群所属的科属统计

2020年发表的338个种及种下新分类群隶属于78科161属。除Harber (2020)在小檗科专著中集中发表的63个新种外, 其他类群仍然集中在传统的兰科、菊科、天门冬科、毛茛科、禾本科、蔷薇科、伞形科、豆科、唇形科等物种较多的大科。中国西南地区的热带、亚热带石灰岩地区多样性水平较高的苦苣苔科、凤仙花科、秋海棠科、报春花科、马

兜铃科也有较多的新分类群。

小檗科发表的63个新种全部属于小檗属(*Berberis* L.)。分布于甘肃(南部)、青海、四川、西藏、云南等青藏高原及横断山地区。

苦苣苔科共发表42个新种和1个新变种, 最多的2个属是马铃苣苔属(*Oreocharis* Benth.)和报春苣苔属(*Primulina* Hance), 各10个新种。主要分布在广西、贵州、西藏、云南等中国西南热带、亚热带地区。

兰科共发表20个新种、1个新杂交种、6个新变种、1个新变型, 最多的2个属是石豆兰属(*Bulbophyllum* Thouars) (3新种、1新变种)和兰属(*Cymbidium* Sw.) (3新种、1新杂交种)。主要分布在台湾、西藏、云南等中国南方地区。

菊科共发表20个新种, 最多的3个属是风毛菊属(*Saussurea* DC.) (5种)、紫菀属(*Aster* L.) (3种)和蒲公英属(*Taraxacum* F. H. Wigg.) (3种)。主要分布在新疆、西藏等高海拔地区和中国南方地区。

凤仙花科共发表13个新种, 全部属于凤仙花属(*Impatiens* L.)。主要分布在广西、西藏等中国西南热带、亚热带地区。

秋海棠科共发表12个新种, 全部属于秋海棠属(*Begonia* L.)。主要分布在广西、云南等中国西南热带、亚热带地区。

发表5个及以上新分类群的科还有天门冬科(8种)、毛茛科(8种)、禾本科(7新种、1新变种)、蔷薇科(4新种、1新亚种、1新变型)、伞形科(5种)、豆科(5种)、唇形科(5种)、报春花科(5种)和马兜铃科(5种)。

4 新分类群和新记录物种的省级分布

2020年发表的中国高等植物新物种、国家级新

记录物种以及新种下等级类群主要分布在云南、西藏、广西、四川等西南省区。云南省内发表了97个新物种、5个种下新分类群(1个新亚种和4个新变种)以及11个国家级新记录物种, 大约占到了当年中国植物新物种数量的1/3。此外西藏(36个新种、1个新亚种、1个新变种和14个新记录)、广西(38个新种、1个新亚种、2个新变种和10个新记录)、四川(42个新种、1个新记录)等也发现了大量的新物种和新记录物种。总面积仅占中国陆地总面积1/4的4个省区新物种发表数量占到了当年中国植物新物种数量的2/3。总体上, 物种发表数量从西南到东北呈现减少趋势(图1)。

排除面积因素, 新物种发现数量最多的5个省级单位分别是云南、海南(8个新种、1个新变种和3个新记录)、广西、浙江(17个新种、3个新亚种、4个新变种、2个新变型和3个新记录)和台湾(7个新种、1个新变种、2个新变型和6个新记录)。云南省属于热带及亚热带山地, 地形复杂, 被国内外学者广泛重视, 是单位面积发现物种最多的省份。海南省和台湾省因属于南部岛屿并具有丰富的生境以及与大陆隔离, 也有很高的物种发现密度。浙江省位于中国东部沿海, 物种多样性水平理论上应与邻近的自然条件基本一致的安徽(2个新种、1个新变种、1个新变型和1个新记录)、福建(5个新种和1个新

变种)和江西(4个新种)基本相当, 但物种发现密度高于邻近省区。这种情况可能与该省植物学者全力推动《浙江植物志》再版工作有很大关系: 因为该植物志不在正文或附录中处理类群, 所有的分类学处理均另文在期刊中提前发表(丁炳扬, 2020)。

发表新物种最多的县级行政单位是西藏自治区的墨脱县, 2020年有超过19个高等植物新种被发表, 但其中16个是由国外学者研究并发表在国外期刊上。特别是在被非法占据的中国领土上, 丰富的生物多样性无法被中国学者及时研究, 令人非常遗憾。此外云南省西北部的香格里拉(10个)、贡山(5个), 东南部的麻栗坡(9个)、文山(6个)、河口(4个), 西部的盈江(5个), 四川省西部的康定(6个)、木里(4个), 广西壮族自治区西南部的靖西(5个), 海南省东南部的陵水(4个)和浙江省西南部的景宁(4个)都有较多的高等植物新种发表。

北京、天津、上海、宁夏、河北、黑龙江、吉林、山西和澳门没有任何有关于新物种、国家级新记录物种的报道。这些省、区、市大都位于中东部地区, 植物多样性调查已经基本完成。

5 发表植物新分类群的学者

2020年发表的338个种及种下新分类群由238个中外作者团队发表。其中210个中国作者团队发

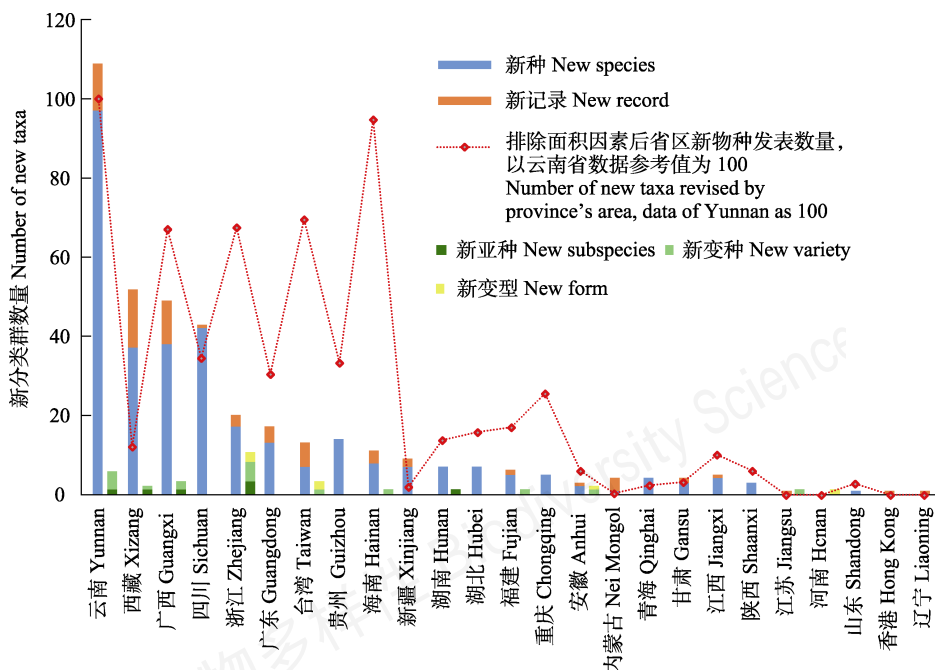


图1 2020年中国各省区发表的新分类群和国家级新记录物种数量

Fig. 1 The provincial number of Chinese new taxa and new recorded species published in 2020

表了243个种及种下新分类群, 23个国外作者团队发表了90个种及种下新分类群, 5个中外合作团队发表了剩下的5个新分类群。这些中外作者团队中有中国学者298人, 外国学者44人。2020年发表中国植物物种数量最多的中国学者是陈征海(Z. H. Chen, 19个种及种下新分类群), 外国学者是Julian F. Harber (Harber, 63个种及种下新分类群)。发表5个以上分类群的作者见表2。

2020年参与高等植物命名的中国学者有298人, 其中100人是第一次参与命名的学者。这些首次参与命名的学者大多是年轻的植物分类学者或植物分类学专业的研究生。2000年以来平均每年有62位新增学者参与到维管植物的命名工作中来, 2007年以来每年增加人数都超过了平均值, 2019年甚至达到了新增117人的历史极值。但这些新增学者中大多数仅发表过1个分类群, 并且之后不再参与植物命名工作。图2展示了1916年以来每年新参与命名

的中国维管植物命名人数。

6 中国高等植物新组合(等级)、新名称及新异名发表情况

2020年中国高等植物新发表了217个新组合(等级)和13个新名称(全部属于维管植物), 有2个新名称是为了建立新属或替代不合法属名而进行的名称替代, 代表了195个种(185个组合、11个新名称, 其中1个物种被组合了2次)、1个亚种、25个变种和6个变型的名称变化。185个物种的组合和11个物种的新名称有77个是因建立新属而进行的名称组合。

新组合(等级)名称及新名称带来的名称变化主要集中在菊科(77个)、木兰科(33个)、五加科(19个)、蔷薇科(19个)、兰科(13个)、豆科(11个)等几个较受关注的科。前6个科共有172个名称组合, 约占当年度名称组合总量的3/4, 剩余29个科发表了剩余55个名称组合。被关注的类群集中程度较新物种发表更大。

表2 2020年发表5个及以上新分类群的中外学者统计

Table 2 Statistics of Chinese and foreign authors who published five new taxa or more in 2020

标准拼写 Stand name	姓名 Name	西文拼写 Roma name	研究领域 Research area	研究地区 Research region	新分类群数 No. of new taxa
Z. H. Chen	陈征海	Chen, Zheng Hai	浙江植物 Plants of Zhejiang	浙江 Zhejiang	19
Yan Liu	刘演	Liu, Yan	广西植物 Plants of Guangxi	广西 Guangxi	16
F. Wen	温放	Wen, Fang	苦苣苔科和荨麻科 Gesneriaceae and Urticaceae	中国 China	13
Lei Cai	蔡磊	Cai, Lei	天门冬科和苦苣苔科 Asparagaceae and Gesneriaceae	中国 China	10
W. H. Chen	陈文红	Chen, Wen Hong	云南植物 Plants of Yunnan	云南 Yunnan	10
Y. M. Shui	税玉民	Shui, Yu Min	云南植物 Plants of Yunnan	云南 Yunnan	10
X. F. Jin	金孝锋	Jin, Xiao Feng	浙江植物 Plants of Zhejiang	浙江 Zhejiang	8
G. Y. Li	李根有	Li, Gen You	浙江植物 Plants of Zhejiang	浙江 Zhejiang	7
W. T. Wang	王文采	Wang, Wen Tsai	毛茛科 Ranunculaceae	中国 China	7
C. I Peng	彭镜毅†	Peng, Ching I	台湾植物 Plants of Taiwan	台湾 Taiwan	6
W. Y. Xie	谢文远	Xie, Wen Yuan	浙江植物 Plants of Zhejiang	浙江 Zhejiang	6
Z. B. Xin	辛子兵	Xin, Zi Bing	苦苣苔科 Gesneriaceae	广西 Guangxi	6
B. Pan	盘波	Pan, Bo	天门冬科和苦苣苔科 Asparagaceae and Gesneriaceae	广西 Guangxi	5
D. G. Zhang	张代贵	Zhang, Dai Gui	湖南植物 Plants of Hunan	中国 China	5
P. L. Chiu	裘宝林	Chiu, Pao Ling	浙江植物 Plants of Zhejiang	浙江 Zhejiang	5
Y. F. Lu	鲁益飞	Lu, Yi Fei	浙江植物 Plants of Zhejiang	浙江 Zhejiang	5
Z. L. Dao	刀志灵	Dao, Zhi Ling	天门冬科和苦苣苔科 Asparagaceae and Gesneriaceae	四川和云南 Sichuan and Yunnan	5
N. H. Xia	夏念和	Xia, Nian He	杜鹃花科和禾本科 Ericaceae and Poaceae	中国 China	5
Harber		Harber, Julian F.	小檗科 Berberidaceae	中国和越南 China and Vietnam	63
D. Borah		Borah, Dipankar	中国和印度植物 Plants of India and China	中国和印度 China and India	6
Taram		Taram, Momang	中国和印度植物 Plants of India and China	中国和印度 China and India	5

† 彭镜毅(1950–2018), 中国台湾著名植物分类学家, 2020年发表类群为与其他学者合作发表。

† Ching I Peng (1950–2018) is a well-known plant taxonomist in Taiwan of China. The taxa published by C. I Peng were completed with other collaborators in 2020.

表3 2020年发表5个及以上新组合的中外学者统计

Table 3 Statistics of Chinese and foreign authors who published five new combinations or more in 2020

标准拼写 Stand name	姓名 Name	西文拼写 Roma name	研究领域 Research area	研究地区 Research region	发表新组合数量 New combinations
B. B. Liu	刘彬彬	Liu, Bin Bin	蔷薇科 Rosaceae	全球 Global	16
Z. H. Chen	陈征海	Chen, Zheng Hai	浙江植物 Plants of Zhejiang	浙江 Zhejiang	8
H. Yu	余鸿	Yu, Hong	木兰科和兰科 Magnoliaceae and Orchidaceae	云南 Yunnan	6
K. W. Jiang	蒋凯文	Jiang, Kai Wen	豆科 Fabaceae	中国 China	6
Sima	司马永康	Sima, Yong Kang	木兰科 Magnoliaceae	云南 Yunnan	6
B. Y. Ding	丁炳扬	Ding, Bing Yang	天南星科和千屈菜科 Araceae and Lythraceae	浙江 Zhejiang	5
C. Ren	任琛	Ren, Chen	菊科 Asteraceae	亚洲 Asia	5
Long Wang	王龙	Wang, Long	菊科 Asteraceae	亚洲 Asia	5
Q. E. Yang	杨亲二	Yang, Qin Er	菊科和毛茛科 Asteraceae and Ranunculaceae	中国 China	5
C. B. Callaghan		Callaghan, Chris B.	木兰科 Magnoliaceae	亚洲 Asia	25
Png		Png, Siak Khoon	木兰科 Magnoliaceae	亚洲 Asia	25
G. M. Plunkett		Plunkett, Gregory M.	伞形科和五加科 Apiaceae and Araliaceae	全球 Global	17
Lowry		Lowry, Porter Prescott	五加科 Araliaceae	全球 Global	17
J. Wen	文军	Wen, Jun	蔷薇科 Rosaceae	全球 Global	16
Li Bing Zhang	张丽兵	Zhang, Li Bing	蕨类植物 Pteridophytes	全球 Global	6
I. D. Illar.		Illarionova, Irina D.	菊科 Asteraceae	全球 Global	5
M. C. Pace		Pace, Matthew C.	兰科 Orchidaceae	全球 Global	5
N. Kilian		Kilian, Norbert	菊科 Asteraceae	全球 Global	5

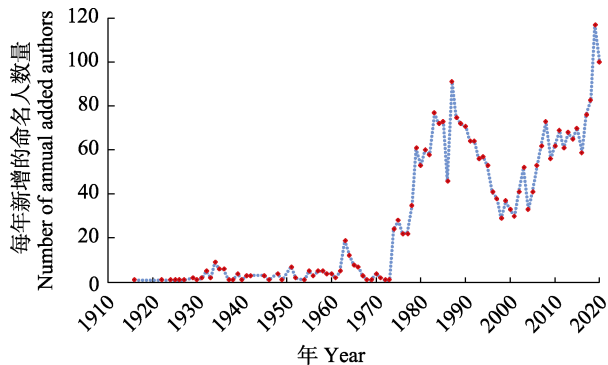


图2 1916年以来中国维管植物命名人年度新增人数

Fig. 2 Annual number of new added authors of Chinese vascular plants since 1916

菊科有77个植物名称被转移, 其中因为建立新属而进行名称组合的有13个属的64个名称。兰科有13个植物名称被转移, 其中2个属的5个名称是因为建立新属而进行的名称组合。

2020年发表的228个种及种下等级新名称组合由61个中外学者团队发表, 其中36个中国学者团队发表了67个, 18个国外学者团队发表了133个, 7个中外合作团队发表了28个。G. L. Nesom发表了62个菊科植物组合, 全部是基于他本人建立的新属; C. B. Callaghan和Png团队发表了25个木兰科的新组合; Lowry和G. M. Plunkett团队发表了17个五加科的新

组合; 刘彬彬(B. B. Liu)和文军(J. Wen)团队发表了16个蔷薇科的植物新组合。发表5个以上新组合的中外作者情况见表3。总体而言, 发表新组合的学者一般都对某个类群进行过非常深入的研究, 发表名称组合的学者数量显著少于发表新物种的学者。2020年参与命名新组合的中国学者有65人, 其中仅10人是2020年首次参与植物命名工作。

2020年有85个过去发表的植物名称被处理为65个名称的异名, 除去被处理为其他物种异名的物种, 再排除中国分布的类群, 2020年中国高等植物净增加数量为294个分类群, 占全国高等植物数量的0.79%。当年新发表的研究论文和专著中的名称组合、新异名归并, 导致313个高等植物名称发生变动, 占全国总数的0.84%, 需要引起相关应用者和研究人员的高度重视。

2020年有14个曾经错误定名的物种重新被厘定。这些名称订正一般都在植物名称的文献引证中以固定格式出现, 一般不容易引起非专业人士的重视。但这类订正对名称的正确应用有重要价值, 特别是涉及到国家保护植物、珍稀濒危植物或有重要经济价值植物的名实问题时尤需重视。例如红椿(*Toona ciliata* M. Roem.)属于国家二级保护野生植

物,继2017年湖北省第二次重点保护野生植物资源调查中将野外的“红椿”定为红花香椿(*Toona fargesii* A. Chev.),2020年正式确认《浙江植物志》之前记载的“毛红椿”(*Toona ciliata* M. Roem. var. *pubescens* (Franch.) Hand.-Mazz.)实为红花香椿之误订(陈锋等,2020)。

此外还有147个名称进行了后选模式和新模式的指定。尽管这些模式化工作都是在分类学处理过程中的附带工作,但因其发表分散而很难完全被检索。国际植物分类学会刊物*Taxon*在每一期的最后也会在给出新物种和新名称索引外还给出当期所有进行模式化物种的名称索引。我们也有必要对涉及中国植物物种的模式化工作进行系统的整理。

值得一提的是2020年有2个物种被报道重新发现。1920年发表的贝叶芒毛苣苔(*Aeschynanthus monetaria* Dunn)在发表后100年未被再次采集到,曾经一度被认为仅存在于印度。Hu等(2020)重新采集到新鲜材料,并确认该物种只存在于中国西藏自治区的墨脱县境内,纠正了产于印度的错误记录。2001年发表的孟连苞叶兰(*Brachycorythis menglianensis* Y. Y. Qian)发表后20年没有再次被采集到,甚至被处理为长叶苞叶兰(*Brachycorythis henryi* (Schltr.) Summerh.)的异名(Pedersen, 2010))。Wang YQ等(2020)重新采集到新鲜材料,除了能够提供更详细的研究信息外,还确认了该物种应当给予种的分属学地位。还有2个藓类植物门和1个苔类植物门的物种排除了中国的分布,此类报道在国内植物文献中较少出现(Wang & Jia, 2020; Bai et al, 2020)。

7 发表中国高等植物名称论文的出版物

发表有关于植物名称变化的出版物主要有期刊和专著两种形式,由于专著传播的速度一般慢于期刊,不容易被及时索引,一般不作为物种发表的主要媒介。2000年以来仅有19%的植物名称发表在专著中,2020年发表在专著中的物种名称占比为21%,与历年数据基本持平。剩余79%的物种名称则发表在66种国际、国内期刊中。2020年涉及到高等植物的新分类群(新属、新杂交属、新种、新杂交种、新亚种、新变种、新变型)、新组合(等级)名称、新名称、国家级新记录、新异名、后选(新)模式指定、名称应用订正等资料的期刊论文有405篇。

发表中国植物新分类群论文的期刊比较集中。统计发现,16种中外期刊包揽了85%的文章,其余50种期刊只占15%。2000年以来发表植物分类学相关论文的中外期刊有231个,但绝大多数中国植物名称相关的论文都发表在少数几个刊物上(图3)。2020年有293篇涉及中国植物名称的研究论文发表在被SCI收录的刊物上,占当年论文总数的近3/4。非SCI收录的中文刊物主要由中国学者发表,主要是新种下等级、国家级新记录、后选模式指定等;西文刊物主要由外国学者发表,一般是大篇幅的分类学修订或者使用非英语作为主体语言。

发表新分类群最多的刊物是2009年创刊于新西兰的*Phytotaxa*,其办刊宗旨就是快速发表植物新分类群。该刊物2020年发表中国植物分类学相关的论文128篇,包含84个新种。该刊物是新千年来发表中国植物最多的期刊,至今已发表涉及中国植物类群的论文794篇,发表新种589个。由于该刊物发表周期短,发文量大,可以选择付费开放获取,已经成为中国植物学者发表新分类群的重要平台。

2010年由Pensoft出版机构创办的开放获取刊物*PhytoKeys*,自2018年以来受到了中国分类学者的广泛关注。尽管文章出版需要数百欧元的处理费,但2020年仍接受了70篇涉及中国植物分类群的文章,其中包括59个新种。由于该刊物发表周期短,发文量大,成为中国植物学者发表新分类群的另一个重要平台。

北欧传统分类学刊物*Nordic Journal of Botany*、*Annales Botanici Fennici*和中国台湾的*Taiwania*等几个历史悠久的分类学期刊,由于版面限制,涉及中国分类群的文章数量保持在20篇左右。美国密苏里植物园主办的植物分类学期刊*Novon*近年来更多关注热带美洲和非洲的类群,涉及中国植物类群的文章较前10年明显减少。

中国本土的《广西植物》《热带亚热带植物学报》《植物科学学报》《西北植物学报》《植物研究》等植物学刊物近年来刊登的分类学文章数量明显下降,其中发表的植物新分类群基本上是基于形态描述,很少利用分子数据进行系统的研究。这些国内刊物上刊登的分类学相关文章基本上是以报道种下新分类群、国家级或省级新记录物种为主。

总而言之,《中国植物志》和*Flora of China*的编写完成并不代表中国植物家底全部清楚了。我们

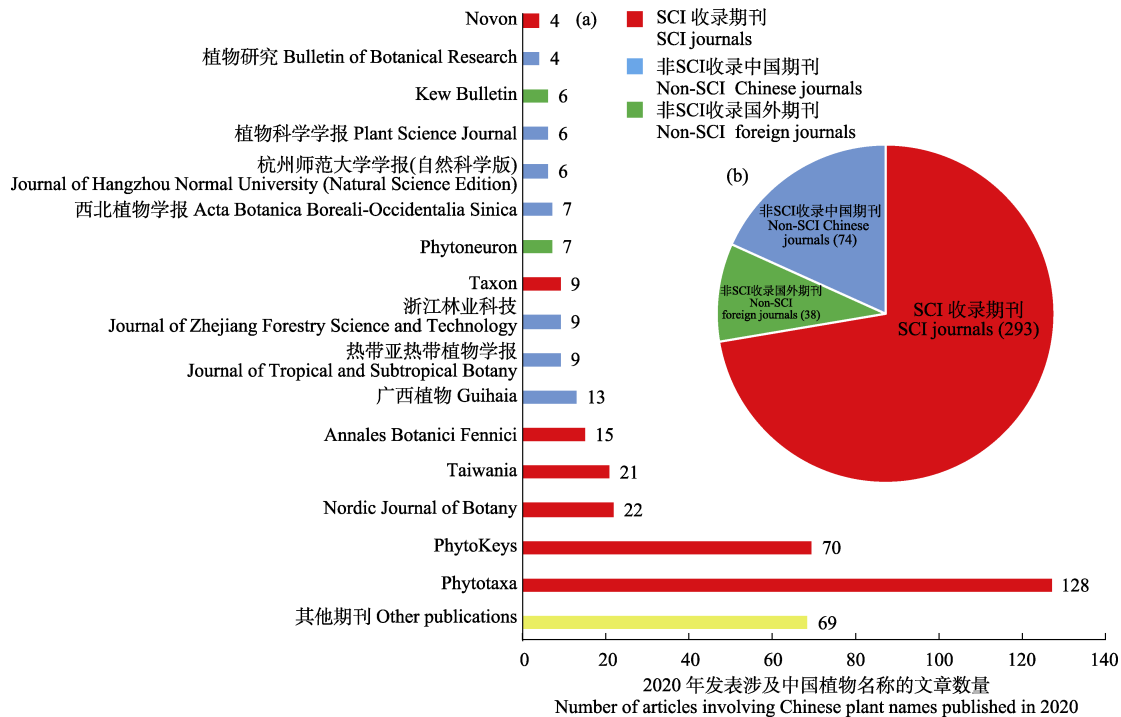


图3 2020年发表的涉及中国植物名称相关论文最多的16个期刊(a)及所有分类学论文发表刊物分类情况(b)

Fig. 3 Top 16 journals in which new names and name changes of Chinese vascular plants were published (a), and journals classification of all Chinese taxonomic articles (b) in 2020

的新种数据搜集整理工作表明, 中国植物仍然有许多新物种有待发现。同时, 分子系统学研究的深入带来的分类学修订也导致大量的名称出现变化。要想完整地摸清中国植物的家底, 尚需相当时日。四代植物学家70年持续接力编写纸质版植物志的时代已经过去, 现代可能更应该思考的是如何将动态的植物信息完整、及时地展现在人们面前, 利用现代信息技术手段编制新一代的可实时更新的数字化植物志, 则显得更加必要。

致谢: 本文原始文献查阅和获取得到了众多国内外学者的支持, 特别是提供了很多国内机构没有订阅的文献原文; 一些前辈学者得知我们在进行年度物种整理时, 将所在机构发表的所有的新分类群发表资料归类整理打包发送给我们, 在此向这些前辈和所有的支持者致以诚挚的谢意!

参考文献

- Antonelli A, Fry C, Smith RJ, Simmonds MSJ, Kersey PJ, Pritchard HW, Abbo MS, Acedo C, Adams J, Ainsworth AM, and other 201 authors (2020) State of the World's Plants and Fungi 2020. Royal Botanic Gardens, Kew, London.
- Bai Y, Qian K, Xiang YL, Yang ZW, Sulayman M, Li W, Shu L, Zhu RL (2020) *Porella pinnata* (Porellaceae) excluded from the liverwort flora of Asia. Nova Hedwigia, Beiheft 150, 193–200.
- Bebber DP, Carine MA, Wood JRI, Wortley AH, Harris DJ, Prance GT, Davidse G, Paige J, Pennington TD, Robson NKB, Scotland RW (2010) Herbaria are a major frontier for species discovery. Proceedings of the National Academy of Sciences, USA, 107, 22169–22171.
- Chen F, Xie WY, Zhang SL, Zhang FY, Chen ZH (2020) Additional notes on the seed plants in Zhejiang (II). Journal of Hangzhou Normal University (Natural Science Edition), 19, 96–102. (in Chinese with English abstract) [陈锋, 谢文远, 张水利, 张芬耀, 陈征海 (2020) 浙江种子植物资料订补(II). 杭州师范大学学报(自然科学版), 19, 96–102.]
- Ding BY (2020) Flora of Zhejiang (new edition), Vol. 7. Zhejiang Science and Technology Press, Hangzhou. (in Chinese) [丁炳扬 (2020) 浙江植物志 (新编) 第七卷. 浙江科学技术出版社, 杭州.]
- Du C, Liao S, Boufford DE, Ma JS (2020) Twenty years of Chinese vascular plant novelties, 2000 through 2019. Plant Diversity, 42, 393–398.
- Fontaine B, Perrard A, Bouchet P (2012) 21 years of shelf life between discovery and description of new species. Current Biology, 22, R943–R944.
- Harber JF (2020) The *Berberis* of China and Vietnam, A revision. Monographs in Systematic Botany from the Missouri Botanical Garden, Vol. 136. Missouri Botanical

Garden Press, St. Louis.

- Hong DY, Blackmore S (2015) *Plants of China: A Companion to the Flora of China*. Cambridge University Press, Cambridge & New York.
- Hu J, Xiong YN, Li L, Liu Q, Wen F (2020) Rediscovery of *Aeschynanthus monetaria* (Gesneriaceae) in Southeast Tibet, China after more than 100 years. *Phytotaxa*, 450, 109–114.
- Li L, Chung SW, Li B, Zeng SJ, Yan HF, Li SJ (2020) New insight into the molecular phylogeny of the genus *Liparis* s. l. (Orchidaceae: Malaxideae) with a new generic segregate: *Blepharoglossum*. *Plant Systematics and Evolution*, 306, 54.
- Li YF, Zhang M, Wang XR, Sylvester SP, Xiang QB, Li X, Li M, Zhu H, Zhang C, Chen L, Yi XG, Mao LF, Duan YF (2020) Revisiting the phylogeny and taxonomy of *Osmanthus* (Oleaceae) including description of the new genus *Chengiodendron*. *Phytotaxa*, 436, 283–292.
- Liu DK, Tu XD, Zhao Z, Zeng MY, Zhang S, Ma L, Zhang GQ, Wang MM, Liu ZJ, Lan SR, Li MH, Chen SP (2020) Plastid phylogenomic data yield new and robust insights into the phylogeny of *Cleisostoma-Gastrochilus* clades (Orchidaceae, Aseridinae). *Molecular Phylogenetics and Evolution*, 145, 106729.
- Nesom GL (2020a) *Yonglingia*, *Chaochienchangia*, and *Sinobouffordia* (Asteraceae: Astereae), new genera segregated from *Aster* in China. *Phytoneuron*, 57, 1–25.
- Nesom GL (2020b) *Metamyriactis* (Asteraceae, Astereae), a new genus of Southeast Asian *Asters*. *Phytoneuron*, 58, 1–36.
- Nesom GL (2020c) *Chlamyditis* (Asteraceae: Astereae) revived. *Phytoneuron*, 59, 1–14.
- Nesom GL (2020d) *Cordiofontis* (Asteraceae: Astereae), a new genus of Himalayan species segregated from *Aster*. *Phytoneuron*, 60, 1–20.
- Nesom GL (2020e) *Cardiagyris* (Asteraceae: Astereae), a new genus for the *Doellingeria*-like species of Asia. *Phytoneuron*, 61, 1–26.
- Nesom GL (2020f) *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 species of Himalayan *Aster*. *Phytoneuron*, 63, 1–30.
- Nesom GL (2020g) New genera from Asian *Aster* (Asteraceae: Astereae). *Phytoneuron*, 64, 1–44.
- Pedersen HÆ (2010) Species delimitation and recognition in the *Brachycorythis helferi* complex (Orchidaceae) resolved by multivariate morphometric analysis. *Botanical Journal of the Linnean Society*, 162, 64–76.
- Qin QM, Tong YH, Zheng XR, Ni JB, Xia NH (2020) *Sinosasa* (Poaceae: Bambusoideae), a new genus from China. *Taxon*, 70, 27–47.
- Ren C, Wang L, Illarionova ID, Yang QE (2020) Circumscription and phylogenetic position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) based on morphological, cytological, and molecular phylogenetic evidence. *Taxon*, 69, 739–755.
- The Biodiversity Committee of Chinese Academy of Sciences (2020) Catalogue of Life China: 2020 Annual Checklist. Beijing. <http://www.sp2000.org.cn/CoLChina/>. (accessed on 2021-04-01)
- Wang QH, Jia Y (2020) A taxonomic study of the genus *Orthotrichum* (Orthotrichaceae, Moss) in China. *Acta Bryolichenologica Asiatica*, 9, 19–166.
- Wang YQ, Liu Q, Wu XF, Li JL, Wang BY, Pan B (2020) Rediscovery of *Brachycorythis menglianensis* (Orchidaceae) with additional descriptive notes. *Guihaia*, 40, 1623–1627.
- Wang ZH, Kilian N, Chen YP, Peng H (2020) *Sinoseris* (Crepidinae, Cichorieae, Asteraceae), a new genus of three species endemic to China, one of them new to science. *Willdenowia*, 50, 91–110.
- Willis KJ, Bachman S (2016) The State of the World's Plants Report-2016. Royal Botanic Gardens, Kew, London.
- Willis KJ (2017) The State of the World's Plants Report-2017. Royal Botanic Gardens, Kew, London.
- Zaika MA, Kilian N, Jones K, Krinitsina AA, Nilova MV, Speranskaya AS, Sukhorukov AP (2020) *Scorzonera* sensu lato (Asteraceae, Cichorieae)—Taxonomic reassessment in the light of new molecular phylogenetic and carpological analyses. *PhytoKeys*, 137, 1–85.
- Zhang L, Zhou XM, Liang ZL, Fan XP, Lu NT, Song MS, Knapp R, Gao XF, Sun H, Zhang LB (2020a) Phylogeny and classification of the tribe Lepisoreae (Polypodiaceae; Pteridophyta) with the description of a new genus, *Ellipinema* gen. nov., segregated from *Lepisorus*. *Molecular Phylogenetics and Evolution*, 148, 106803.
- Zhang L, Fan XP, Petchsri S, Zhou L, Pollawatn R, Zhang X, Zhou XM, Lu NT, Knapp R, Chantanaorrapint S, Limpanasittichai P, Sun H, Gao XF, Zhang LB (2020b) Evolutionary relationships of the ancient fern lineage the adder's tongues (Ophioglossaceae) with description of *Sahashia* gen. nov. *Cladistics*, 36, 380–393.
- Zhang YX, Guo C, Li DZ (2020) A new subtribal classification of Arundinarieae (Poaceae, Bambusoideae) with the description of a new genus. *Plant Diversity*, 42, 127–134.
- Zhang L, Zhang LB (2020a) \times *Ellipisorus* nom. nov. for \times *Lepinema* (Polypodiaceae) and \times *Ellipisorus inaequibasis* com. nov. from China. *Phytotaxa*, 464, 299–300.
- Zhang L, Zhang LB (2020b) Fern nothogenera and \times *Lepinema*, a new hybrid genus between *Ellipinema* and *Lepisorus* (Polypodiaceae). *Phytotaxa*, 455, 262–266.

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附录 Supplementary Material

附录1 2020年中国植物新分类群文献目录

Appendix 1 Bibliography of new taxa and name changes for Chinese plants in 2020
<http://www.biodiversity-science.net/fileup/PDF/2021122-1.pdf>

附录1 2020年中国植物新分类群文献目录

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Acanthaceae 爵床科

Eranthemum macrophyllum Wall. ex Nees 大叶可爱花 [New Record]

GONG Qiang-bang, MA Xing-da, YIN Hai-jun, WANG Wen-guang, DUAN Chun-cheng, DENG Yun-fei, SHI Gan-mo, SHEN Jian-yong, *Eranthemum macrophyllum* Wall. ex Nees (Acanthaceae), a Newly Recorded Species from China. *Journal of Tropical and Subtropical Botany* 28 (6): 624-627. 2020 [625] doi: 10.11926/jtsb.4191
CHINA (Yunnan); MYANMAR*

Eranthemum macrophyllum Wall. ex Nees 大叶可爱花 [Typification]

GONG Qiang-bang, MA Xing-da, YIN Hai-jun, WANG Wen-guang, DUAN Chun-cheng, DENG Yun-fei, SHI Gan-mo, SHEN Jian-yong, *Eranthemum macrophyllum* Wall. ex Nees (Acanthaceae), a Newly Recorded Species from China. *Journal of Tropical and Subtropical Botany* 28 (6): 624-627. 2020 [625] doi: 10.11926/jtsb.4191
CHINA (Yunnan); MYANMAR*

Gymnostachyum morsei Y. F. Deng 龙州裸柱草 [New Species] IUCN: CR: B2a, b(i); Evidence: Morphology

DENG Yun-fei, TAN Yun-hong, LIN Zhe-li, HUANG Yun-feng, *Gymnostachyum morsei* (Acanthaceae: Andrographideae), a New Species from Guangxi, China. *Kew Bulletin* 75 (59): 1-6. 2020 [2] doi: 10.1007/S12225-020-09920-5
CHINA (Guangxi*)

Pseuderanthemum album (Nees) Radlk. [Typification]

BORAH Dipankar, SINGH Rajeev Kumar, TARAM Momang, *Pseuderanthemum arunachalense*, a New Species from Eastern Himalaya, India and Typification of Some Names in *Pseuderanthemum* (Acanthaceae). *Indian Forester* 146 (7): 660-664. 2020 [662] doi: 10.36808/if/2020/v146i7/149848
CHINA (Xizang*); BANGLADESH, INDIA, MYANMAR

Pseuderanthemum arunachalense D. Borah, R. Kr. Singh & Taram [New Species] IUCN: NE; Evidence: Morphology

BORAH Dipankar, SINGH Rajeev Kumar, TARAM Momang, *Pseuderanthemum arunachalense*, a New Species from Eastern Himalaya, India and Typification of Some Names in *Pseuderanthemum* (Acanthaceae). *Indian Forester* 146 (7): 660-664. 2020 [660] doi: 10.36808/if/2020/v146i7/149848
CHINA (Xizang*)

Pseuderanthemum leptanthus (C. B. Clarke) Lindau [Typification]

BORAH Dipankar, SINGH Rajeev Kumar, TARAM Momang, *Pseuderanthemum arunachalense*, a New Species from Eastern Himalaya, India and Typification of Some Names in *Pseuderanthemum* (Acanthaceae). *Indian Forester* 146 (7): 660-664. 2020 [662] doi: 10.36808/if/2020/v146i7/149848
CHINA (Xizang*); MYANMAR

Rungia stolonifera C. B. Clarke [New Synonyms]

S.: *Rungia axilliflora* H. S. Lo; *Rungia densiflora* H. S. Lo; *Rungia evrardii* Benoist
LIN Zhe-li, HAI Do Van, DENG Yun-fei, Three New Synonyms of *Rungia stolonifera* (Acanthaceae) from China and Vietnam. *Nordic Journal of Botany* 38 (e02649): 1-5. 2020 [3] doi: 10.1111/njb.02649
CHINA (Anhui, Guangdong, Guangxi, Guizhou, Jiangxi, Yunnan, Zhejiang); INDIA*, THAILAND, VIET NAM

Strobilanthes sunhangii T. Deng, J. T. Chen & Y. F. Deng [New Species] IUCN: DD; Evidence: Morphology

CHEN Jun-tong, HUANG Xian-han, LV Zhen-yu, KUANG Tian-hui, LUO Jian, DENG Yun-fei, DENG Tao, *Strobilanthes sunhangii* (Acanthaceae), a New Species from Tibet, China. *PhytoKeys* 166: 117-127. 2020 [119] doi: 10.3897/phytokeys.166.58831
CHINA (Xizang*)

Actinidiaceae 猕猴桃科

Actinidia macrosperma C. F. Liang 大籽猕猴桃 [New Synonyms]

S.: *Actinidia valvata* Dunn. var. *longipedicellata* L. L. Yu

CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [68] doi: 10.3969/j.issn.1001-3776.2020.04.012
CHINA (Zhejiang*)

Adoxaceae 五福花科

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Viburnum fengyangshanense Z. H. Chen, P. L. Chiu & L. X. Ye 凤阳山荚蒾 [New Species] IUCN: NE; Evidence: Morphology
QIU Bao-lin, YE Li-xin, CHEN Feng, XIE Wen-yuan, CHEN Zheng-hai, Additional Notes on *Viburnum* L. in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 261-266. 2020 [261] doi: 10.12191/j.issn.1674-232X.2020.03.008 CHINA (Zhejiang*)

Viburnum thunbergianum Z. H. Chen & P. L. Chiu 蝴蝶荚蒾 [New Name]

R.: *Viburnum tomentosum* Thunb.

QIU Bao-lin, YE Li-xin, CHEN Feng, XIE Wen-yuan, CHEN Zheng-hai, Additional Notes on *Viburnum* L. in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 261-266. 2020 [261] doi: 10.12191/j.issn.1674-232X.2020.03.008 CHINA (Zhejiang)

Amaryllidaceae 石蒜科

Allium xinlongense D. F. Xie & X. J. He [New Species] IUCN: NE; Evidence: ITS, rpl32-trnL; Morphology

XIE Deng-feng, XIE Fu-min, JIA Sheng-bin, LI Hao, YANG Xin, ZHANG Xiang-yi, ZHOU Song-dong, HE Xing-jin, *Allium xinlongense* (Amaryllidaceae, Alliioideae), a New Species from Western Sichuan. *Phytotaxa* 432 (3): 274-282. 2020 [280] doi: 10.11646/phytotaxa.432.3.4 CHINA (Sichuan*)

Lycoris tsinlingensis P. C. Zhang, Yi Jun Lu & Ting Wang bis [New Species] IUCN: NE; Evidence: Morphology

LU Yi-jun, WANG, Ting, WANG Yi-chen, ZHANG, Peng-chong, *Lycoris tsinlingensis* (Amaryllidaceae), a New Species from Shaanxi, China. *Annales Botanici Fennici* 57 (4-6): 193-196. 2020 [193] doi: 10.5735/085.057.0424 CHINA (Shaanxi*)

Annonaceae 番荔枝科

Polyalthiopsis chinensis (S. K. Wu ex P. T. Li) B. Xue & Y. H. Tan 西藏疣叶木 [New Combination]

B.: *Polyalthia chinensis* S. K. Wu & P. T. Li

XUE Bin-e, DING Hong-bo, YAO Gang, SHAO Yun-yun, FAN Xiao-jing, TAN Yun-hong, From *Polyalthia* to *Polyalthiopsis* (Annonaceae): Transfer of Species Enlarges a Previously Monotypic Genus. *PhytoKeys* 148: 71-91. 2020 [82] doi: 10.3897/phytokeys.148.50929 CHINA (Xizang*)

Polyalthiopsis verrucipes (C. Y. Wu ex P. T. Li) B. Xue & Y. H. Tan 疣叶木 [New Combination]

B.: *Polyalthia verrucipes* C. Y. Wu ex P. T. Li

XUE Bin-e, DING Hong-bo, YAO Gang, SHAO Yun-yun, FAN Xiao-jing, TAN Yun-hong, From *Polyalthia* to *Polyalthiopsis* (Annonaceae): Transfer of Species Enlarges a Previously Monotypic Genus. *PhytoKeys* 148: 71-91. 2020 [82] doi: 10.3897/phytokeys.148.50929 CHINA (Yunnan*)

Polyalthiopsis verrucipes (C. Y. Wu ex P. T. Li) B. Xue & Y. H. Tan 疣叶木 [Typification]

XUE Bin-e, DING Hong-bo, YAO Gang, SHAO Yun-yun, FAN Xiao-jing, TAN Yun-hong, From *Polyalthia* to *Polyalthiopsis* (Annonaceae): Transfer of Species Enlarges a Previously Monotypic Genus. *PhytoKeys* 148: 71-91. 2020 [82] doi: 10.3897/phytokeys.148.50929 CHINA (Yunnan*)

Apiaceae 伞形科

Angelica yanyuanensis (F. T. Pu) Jing Zhou [New Combination]

B.: *Ligusticum yanyuanense* F. T. Pu

ZHOU Jing, GAO Yu-zhen, WEI Jin, LIU Zhen-wen, DOWNIE Stephen R., Molecular Phylogenetics of *Ligusticum* (Apiaceae) Based on rDNA ITS Sequences: Rampant Polyphyly, Placement of the Chinese Endemic Species, and a Much-Reduced Circumscription of the Genus. *International Journal of Plant Sciences* 181 (3): 306-323. 2020 [321] doi: 10.1086/706851 CHINA (Sichuan*)

Cuminum borszczowii (Regel & Schmalh.) Koso-Pol. 长毛孜然芹 [New Record]

QIU Juan, LI Wen-jun, YANG Zong-zong, TAN Dun-yan, *Cuminum borszczowii* (Regel et Schmalh.) Koso-Pol., a Newly Recorded Species of Apiaceae from China. *Journal of Tropical and Subtropical Botany* 28 (1): 101-104. 2020 [102] doi: 10.11926/jtsb.4084 CHINA (Xinjiang); KAZAKHSTAN*

Hymenidium apiolens (C. B. Clarke) Pimenov & Kljuykov [New Synonyms]

S.: *Hymenidium pilosum* (C. B. Clarke ex H. Wolff) Pimenov & Kljuykov; *Pleurospermum pilosum* C. B. Clarke ex H. Wolff

GUO Xian-lin, GOU Wei, XIE Fu-min, ZHOU Song-dong, HE Xing-jin, *Hymenidium pilosum* (Apiaceae) Is a Synonym of *H. apiolens* Based on Morphology and Molecular Data. *Nordic Journal of Botany* 38 (e02864): 1-9. 2020 [7] doi: 10.1111/njb.02864

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Xizang); INDIA*, NEPAL

Hymenidium dentatum (Wall. ex DC.) Pimenov & Kljuykov [New Record]

GUO Xian-lin, GOU Wei, PENG Chang, ZHOU Song-dong, HE Xing-jin, New insights into the Phylogenetic Position of *Hymenidium dentatum* (Apiaceae, Apiaceae) Inferred from nrDNA and Morphological Evidence. *Phytotaxa* 452 (1): 46-54. 2020 [52] doi: 10.11646/phytotaxa.452.1.4

CHINA (Xizang); NEPAL*

Ligusticum litangense F. T. Pu [New Synonyms]

S.: *Hansenia forrestii* (H. Wolff) Pimenov & Kljuykov

ZHOU Jing, GAO Yu-zhen, WEI Jin, LIU Zhen-wen, DOWNIE Stephen R., Molecular Phylogenetics of *Ligusticum* (Apiaceae) Based on nrDNA ITS Sequences: Rampant Polyphyly, Placement of the Chinese Endemic Species, and a Much-Reduced Circumscription of the Genus. *International Journal of Plant Sciences* 181 (3): 306-323. 2020 [321] doi: 10.1086/706851

CHINA (Sichuan*)

Meeboldia linearis X. L. Guo, W. Gou & X. J. He 线叶滇芹 [New Species] IUCN: DD; Evidence: ITS; Morphology

GUO Xian-lin, GOU Wei, XIE Fu-min, ZHOU Song-dong, HE Xing-jin, *Meeboldia linearis* sp. nov. (Apiaceae) from Xizang, China. *Nordic Journal of Botany* 38 (e02635): 1-7. 2020 [6] doi: 10.1111/njb.02635

CHINA (Xizang*)

Peucedanum huangshanense Lu Q. Huang, H. S. Peng & S. S. Chu [New Species] IUCN: NE; Evidence: ITS; Morphology

CHU Shan-shan, WANG De-qun, PENG Hua-sheng, HUANG Lu-qi, *Peucedanum huangshanense* (Apiaceae), a New Species from Anhui, China. *Phytotaxa* 430 (1): 17-24. 2020 [21] doi: 10.11646/phytotaxa.430.1.3

CHINA (Anhui*)

Pleurospormopsis bicolor (Franch.) Jing Zhou & J. Wei [New Combination]

B.: *Pleurospormum govanianum* Benth. ex C. B. Clarke var. *bicolor* Franch.

ZHOU Jing, WEI Jin, LIU Zhen-wen, An Expanded Circumscription for the Previously Monotypic *Pleurospormopsis* (Apiaceae) Based on nrDNA ITS Sequences and Morphological Evidence. *Phytotaxa* 460 (2): 129-136. 2020 [131] doi: 10.11646/phytotaxa.460.2.2

CHINA (Yunnan*); BHUTAN, INDIA

Pternopetalum paucifoliolatum J. F. Ye, X. Jie Li & Ce H. Li 少羽囊瓣芹 [New Species] IUCN: CR: C2a(ii); Evidence: Morphology

YE Jian-fei, CHEN Liang, SHAN Zhang-jian, LI Xiao-jie, LI Ce-hong, *Pternopetalum paucifoliolatum* (Apiaceae), a New Critically Endangered Species from Sichuan, China. *PhytoKeys* 166: 97-103. 2020 [99] doi: 10.3897/phytokeys.166.54646

CHINA (Sichuan*)

Tetrataenium wallichii (DC.) Manden. 须弥四带芹 [New Record]

LIU Cheng, YA Ji-dong, GUO Yong-jie, CAI Jie, ZHANG Ting, Newly recorded species of seed plants from Xizang, China. *Biodiversity Science* 28 (10): 1238-1245. 2020 [1239] doi: 10.17520/biods.2020161

CHINA (Xizang); BUTAN, INDIA, NEPAL*

Tongoloa arguta L. J. Gui & X. J. He [New Species] IUCN: NT; Evidence: ITS; Morphology

GUI Ling-jian, WEN Jun, XIAO Yan-ping, REN Ting, ZHENG Hong-yi, HE Xing-jin, *Tongoloa arguta* (Apiaceae), a New Species from Southwest China. *PhytoKeys* 164: 11-19. 2020 [14] doi: 10.3897/phytokeys.164.54927

CHINA (Sichuan*)

Tongoloa tagongensis L. J. Gui & X. J. He 塔公东俄芹 [New Species] IUCN: NE; Evidence: ITS; Morphology

GUI Ling-jian, JIA Sheng-bin, GUO Xian-lin, PRICE Megan, ZHOU Song-dong, HE Xing-jin, *Tongoloa tagongensis* (Apiaceae), a New Species from the Hengduan Mountains, China. *Phytotaxa* 461 (1): 12-20. 2020 [17] doi: 10.11646/phytotaxa.461.1.2

CHINA (Sichuan*)

Apocynaceae 夹竹桃科

Hoya gaoligongensis M. X. Zhao & Y. H. Tan 高黎贡球兰 [New Species] IUCN: VU; Evidence: Morphology

ZHAO Ming-Xu, WANG Heng-Ying, YIN Zhi-Jian, WANG Meng-Jun, YANG Jin-Chao, TAN Yun-Hong, *Hoya gaoligongensis* (Apocynaceae, Asclepiadoideae), a New Species from Yunnan, SW China. *Phytotaxa* 459 (3): 219-226. 2020 [220] doi: 10.11646/phytotaxa.459.3.3

CHINA (Yunnan*)

Hoya longicalyx Hui Wang bis & E. F. Huang 长萼球兰 [New Species] IUCN: DD; Evidence: ITS; Morphology

HUANG Er-feng, YANG Lei-lei, XI Wang, LIU Yi-ye, Hui WANG Hui, *Hoya longicalyx*, a New Species of *Hoya* (Apocynaceae: Asclepiadoideae) from Yunnan, China. *Taiwania* 65 (3): 353-359. 2020 [354] doi: 10.6165/tai.2020.65.353

CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Hoya nyingchiensis Y. W. Zuo & H. P. Deng [New Species] IUCN: NE; Evidence: Morphology
ZUO You-wei, LAN Xiao-zhong, DENG Hong-ping, ZHAO Fang-yu, YUAN Xiao-feng, *Hoya nyingchiensis* (Apocynaceae, Asclepiadoideae), a New Species from Tibet, China. *Phytotaxa* 468 (1): 130-136. 2020 [130] doi: 10.11646/phytotaxa.468.1.9
CHINA (Xizang*)

Aquifoliaceae 冬青科

Ilex fargesii Franch. subsp. *fargesii* [New Synonyms]
S.: *Ilex fargesii* Franch. var. *angustifolia* Z. Ying Zhang; *Ilex fargesii* Franch. var. *brevifolia* S. Andrews
YANG Yi, CHEN Li, SUN Lu, PENG Hua, Taxonomic Notes on *Ilex* sect. *Ilex* (Aquifoliaceae) from China II: Revision of *I. fargesii* and Related Species Based on Molecular and Morphological Evidence. *Phytotaxa* 432 (1): 47-64. 2020 [55] doi: 10.11646/phytotaxa.432.1.5
CHINA (Chongqing*, Gansu, Hubei, Hunan, Guizhou, Shaanxi, Sichuan, Yunnan)

Ilex jiangmenensis Lei Jiang & K. W. Xu 江门冬青 [New Species] IUCN: NE; Evidence: Morphology
JIANG Lei, WU Lin-fang, HUANG Guan-yun, YU Jia-rong, HE BI-SHENG, XU Ke-wang, A New Species of *Ilex* sect. *Ilex* (Aquifoliaceae) from Guangdong, China. *Phytotaxa* 428 (2): 153-158. 2020 [153] doi: 10.11646/phytotaxa.428.2.10
CHINA (Guangdong*)

Ilex wattii Loes. [Typification]
YANG Yi, CHEN Li, SUN Lu, PENG Hua, Taxonomic Notes on *Ilex* sect. *Ilex* (Aquifoliaceae) from China II: Revision of *I. fargesii* and Related Species Based on Molecular and Morphological Evidence. *Phytotaxa* 432 (1): 47-64. 2020 [60] doi: 10.11646/phytotaxa.432.1.5
CHINA (Yunnan); INDIA*

Ilex wattii Loes. subsp. *marlipoensis* (H. W. Li ex Y. R. Li) Yi Yang & H. Peng [New Combination]
B.: *Ilex marlipoensis* H. W. Li ex Y. R. Li
YANG Yi, CHEN Li, SUN Lu, PENG Hua, Taxonomic Notes on *Ilex* sect. *Ilex* (Aquifoliaceae) from China II: Revision of *I. fargesii* and Related Species Based on Molecular and Morphological Evidence. *Phytotaxa* 432 (1): 47-64. 2020 [60] doi: 10.11646/phytotaxa.432.1.5
CHINA (Yunnan*)

Ilex wattii Loes. subsp. *marlipoensis* (H. W. Li ex Y. R. Li) Yi Yang & H. Peng [New Synonyms]
S.: *Ilex cupreonitens* C. Y. Wu ex Y. R. Li
YANG Yi, CHEN Li, SUN Lu, PENG Hua, Taxonomic Notes on *Ilex* sect. *Ilex* (Aquifoliaceae) from China II: Revision of *I. fargesii* and Related Species Based on Molecular and Morphological Evidence. *Phytotaxa* 432 (1): 47-64. 2020 [60] doi: 10.11646/phytotaxa.432.1.5
CHINA (Yunnan*)

Ilex wattii Loes. subsp. *wattii* [New Synonyms]
S.: *Ilex gintungensis* H. W. Li ex Y. R. Li; *Ilex venosa* C. Y. Wu ex Y. R. Li
YANG Yi, CHEN Li, SUN Lu, PENG Hua, Taxonomic Notes on *Ilex* sect. *Ilex* (Aquifoliaceae) from China II: Revision of *I. fargesii* and Related Species Based on Molecular and Morphological Evidence. *Phytotaxa* 432 (1): 47-64. 2020 [60] doi: 10.11646/phytotaxa.432.1.5
CHINA (Yunnan); INDIA*

Araceae 天南星科

Alocasia lihengiae C. L. Long & Q. Fang [New Species] IUCN: NE; Evidence: Morphology
FANG Qiong, YANG Jun, LONG Chun-lin, *Alocasia lihengiae*, a New Species of Araceae from Southern Yunnan. *Phytotaxa* 436 (2): 97-103. 2020 [98] doi: 10.11646/phytotaxa.436.2.1
CHINA (Yunnan*)

Alocasia yunqiana Z. X. Ma, Yi F. Li & J. T. Yin 运气海芋 [New Species] IUCN: NE; Evidence: Morphology
MA Zheng-xu, LI Yi-fan, DAO Bao-hui, YANG Wan-liu, LIU Bing, YIN Jian-tao, Taxonomic Notes on the *Alocasia-Colocasia* Clade (Araceae) in China I: *Alocasia yunqiana*, a New Species from Tongbiguan Nature Reserve, Yunnan Province. *Phytotaxa* 460 (4): 277-284. 2020 [278] doi: 10.11646/phytotaxa.460.4.5
CHINA (Yunnan*)

Arisaema bockii Engl. f. *viridescens* (D. D. Ma) W. Y. Xie & B. Y. Ding 绿苞灯台莲 [New Combination]
B.: *Arisaema sikokianum* Franch. & Sav. var. *viridescens* D. D. Ma
CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [69] doi: 10.3969/j.issn.1001-3776.2020.04.012

CHINA (Zhejiang*)

Araliaceae 五加科

Eleutherococcus nodiflorus (Dunn) S. Y. Hu var. *trifoliolatus* (C. B. Shang) Shui L. Zhang & Z. H. Chen 三叶五加 [New Combination]
B.: *Acanthopanax gracilistylus* W. W. Sm. var. *trifoliolatus* C. B. Shang

CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [98] doi: 10.12191/j.issn.1674-232X.2020.06.014

CHINA (Zhejiang*)

Heptapleurum brevipedicellatum (Harms) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera brevipedicellata* Harms

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [148] doi: 10.3417/2020612

CHINA (Yunnan); VIET NAM

Heptapleurum chap anum (Harms) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera chapana* Harms

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [150] doi: 10.3417/2020612

CHINA (Yunnan); VIET NAM

Heptapleurum fengii (C. J. Tseng & G. Hoo) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera fengii* C. J. Tseng & G. Hoo

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [153] doi: 10.3417/2020612

CHINA (Yunnan)

Heptapleurum glabrescens (C. J. Tseng & G. Hoo) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera impressa* (C. B. Clarke) Harms var. *glabrescens* C. J. Tseng & G. Hoo

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [153] doi: 10.3417/2020612

CHINA (Xizang, Yunnan); MYANMAR

Heptapleurum guizhouense (C. B. Shang) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera guizhouensis* C. B. Shang

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [154] doi: 10.3417/2020612

CHINA (Guizhou)

Heptapleurum hainanense (Merr. & Chun) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera hainanensis* Merr. & Chun

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [154] doi: 10.3417/2020612

CHINA (Hainan); VIET NAM

Heptapleurum hypoleucoides (Harms) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera hypoleucoides* Harms

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [155] doi: 10.3417/2020612

CHINA (Yunnan); THAILAND, VIET NAM

Heptapleurum insigne (C. N. Ho) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera insignis* C. N. Ho

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [155] doi: 10.3417/2020612

CHINA (Guangdong)

Heptapleurum marlipoense (C. J. Tseng & G. Hoo) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera marlipoensis* C. J. Tseng & G. Hoo

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [159] doi: 10.3417/2020612

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Yunnan)

Heptapleurum metcalifianum (Merr. ex H. L. Li) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera metcalifiana* Merr. ex H. L. Li

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [159] doi: 10.3417/2020612

CHINA (Yunnan)

Heptapleurum multinervium (H. L. Li) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera multinervia* H. L. Li

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [160] doi: 10.3417/2020612

CHINA (Yunnan)

Heptapleurum napuoense (C. B. Shang) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera napuoensis* C. B. Shang

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [160] doi: 10.3417/2020612

CHINA (Guangxi)

Heptapleurum petelotii (Merr.) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera petelotii* Merr.

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [162] doi: 10.3417/2020612

CHINA (Yunnan)

Heptapleurum rhododendrifolium (Griff.) Lowry & G. M. Plunkett [New Combination]

B.: *Panax rhododendrifolius* Griff.

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [164] doi: 10.3417/2020612

CHINA (Xizang); BHUTAN, INDIA, NEPAL

Heptapleurum shweliense (W. W. Sm.) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera shweliensis* W. W. Sm.

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [166] doi: 10.3417/2020612

CHINA (Yunnan); INDIA

Heptapleurum wardii (C. Marquand & Airy Shaw) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera wardii* Marquand & Airy Shaw

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [168] doi: 10.3417/2020612

CHINA (Xizang, Yunnan); MYANMAR

Heptapleurum zhuanum (Lowry & C. B. Shang) Lowry & G. M. Plunkett [New Combination]

B.: *Schefflera zhuanum* Lowry & C. B. Shang

LOWRY Porter P., PLUNKETT Gregory M., Resurrection of the Genus *Heptapleurum* for the Asian Clade of Species Previously Included in *Schefflera* (Araliaceae). *Novon* 28 (3): 143-170. 2020 [168] doi: 10.3417/2020612

CHINA (Xizang)

Arecaceae 棕榈科

Calamus nambariensis Becc. subsp. *arunachalensis* Deka, Borthakur & Tanti [New Subspecies]

DEKA Kishor, BORTHAKUR Sashin Kumar, TANTI Bhaben, Taxonomic Distinction of *Calamus nambariensis* Becc., in Northeast India Based on Morphological and Molecular Markers. *Taiwania* 65 (4): 529-540. 2020 [536] doi: 10.6165/tai.2020.65.529

CHINA (Xizang*); INDIA

Aristolochiaceae 马兜铃科

Aristolochia wenshanensis Lei Cai, D. M. He & Z. L. Dao 文山马兜铃 [New Species] IUCN: Endangered (NE); Evidence: Morphology

CAI Lei, HE De-ming, HUANG Yu-song, DAO Zhi-ling, *Aristolochia wenshanensis*, a New Species of Aristolochiaceae from Karst Region in Southeastern Yunnan, China. *Taiwania* 65 (1): 41-46. 2020 [41] doi: 10.6165/tai.2020.65.41

CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Aristolochia yachangensis B. G. Huang, Yan Liu & Y. S. Huang [New Species] IUCN: VU: D2; Evidence: Morphology
LUO Ya-jin, NI Shi-dong, JIANG Qiang, HUANG Bo-gao, LIU Yan, HUANG Yu-song, *Aristolochia yachangensis*, a New Species of
Aristolochiaceae from Limestone Areas in Guangxi, China. *PhytoKeys* 153: 49-61. 2020 [41] doi: 10.3897/phytokeys.153.52796
CHINA (Guangxi*)

Isotrema brevilimbium X. X. Zhu, Jun Wang tris & F. Cao 短檐关木通 [New Species] IUCN: DD; Evidence: Morphology
WANG Jun, YA Ji-dong, LIU Cheng, LIU Guang, CAO Feng, MA Jin-shuang, ZHU Xin-xin, Taxonomic Studies on the Genus *Isotrema*
(Aristolochiaceae) from China: II. *I. brevilimbium* (Aristolochiaceae), a New Species from Guizhou, China. *PhytoKeys* 152: 15-25.
2020 [16] doi: 10.3897/phytokeys.152.51760
CHINA (Guizhou*)

Isotrema hei Lei Cai & X. X. Zhu [New Species] IUCN: NE; Evidence: Morphology
CAI Lei, DAO Zhi-ling, ZHU Xin-xin, *Isotrema hei* (Aristolochiaceae), a New Species from Yunnan, China. *Annales Botanici Fennici*
57 (1-3): 125-129. 2020 [125] doi: 10.5735/085.057.0117
CHINA (Yunnan*)

Isotrema kechangense (Y. D. Peng & L. Y. Yu) X. X. Zhu, Jun Wang tris & J. S. Ma [New Combination]
B.: *Aristolochia kechangensis* Y. D. Peng & L. Y. Yu
WANG Jun, MA Jin-shuang, ZHU Xin-xin, Four New Combinations in *Isotrema* (Aristolochiaceae). *Phytotaxa* 437 (3): 174-176. 2020
[174] doi: 10.11646/phytotaxa.437.3.8
CHINA (Guangxi*)

Isotrema pseudotriforme (X. X. Zhu & J. S. Ma) X. X. Zhu, Jun Wang tris & J. S. Ma [New Combination]
B.: *Aristolochia pseudotriformis* X. X. Zhu & J. S. Ma
WANG Jun, MA Jin-shuang, ZHU Xin-xin, Four New Combinations in *Isotrema* (Aristolochiaceae). *Phytotaxa* 437 (3): 174-176. 2020
[174] doi: 10.11646/phytotaxa.437.3.8
CHINA (Yunnan*)

Isotrema wenshanense (Lei Cai, D. M. He & Z. L. Dao) X. X. Zhu, Jun Wang tris & J. S. Ma [New Combination]
B.: *Aristolochia wenshanensis* Lei Cai, D. M. He & Z. L. Dao
WANG Jun, MA Jin-shuang, ZHU Xin-xin, Four New Combinations in *Isotrema* (Aristolochiaceae). *Phytotaxa* 437 (3): 174-176. 2020
[174] doi: 10.11646/phytotaxa.437.3.8
CHINA (Yunnan*)

Isotrema yangii (X. X. Zhu & J. S. Ma) X. X. Zhu, Jun Wang tris & J. S. Ma [New Combination]
B.: *Aristolochia yangii* X. X. Zhu & J. S. Ma
WANG Jun, MA Jin-shuang, ZHU Xin-xin, Four New Combinations in *Isotrema* (Aristolochiaceae). *Phytotaxa* 437 (3): 174-176. 2020
[174] doi: 10.11646/phytotaxa.437.3.8
CHINA (Yunnan*)

Asparagaceae 天门冬科

Aspidistra brachypetala C. R. Lin & B. Pan 短瓣蜘蛛抱蛋 [New Species] IUCN: NE; Evidence: Morphology
PAN Bo, YUAN Quan, LIN Chun-rui, *Aspidistra brachypetala* (Asparagaceae), a New Species from Guangxi, China. *Taiwania* 65 (2):
195-198. 2020 [195] doi: 10.6165/tai.2020.65.195
CHINA (Guangxi*)

Aspidistra dahuaensis D. X. Nong & L. Y. Yu [New Species] IUCN: NE; Evidence: Morphology
NONG Dong-xin, PENG Yu-de, KE Fang, YU Li-ying, *Aspidistra dahuaensis* (Asparagaceae), a New Species from Guangxi, China.
Phytotaxa 472 (1): 84-86. 2020 [84] doi: 10.11646/phytotaxa.472.1.12
CHINA (Guangxi*)

Aspidistra jiangjinensis S. R. Yi & C. R. Lin [New Species] IUCN: NE; Evidence: Morphology
YI Si-yong, HUANG Ya, CHEN Hong-yuan, ZHOU Xiao-xu, LIN Chun-rui, *Aspidistra jiangjinensis* (Asparagaceae), a New Species
from Chongqing, China. *Phytotaxa* 437 (3): 164-168. 2020 [164] doi: 10.11646/phytotaxa.437.3.6
CHINA (Chongqing*)

Aspidistra longiconnectiva C. T. Lu, K. C. Chuang & J. C. Wang 长药隔蜘蛛抱蛋 [New Species] IUCN: EN: B1b(iii)B2b(iii) +C1;
Evidence: Morphology
LU Chang-tse, CHUANG Kuei-chun, TSENG Yen-hsueh, WANG Chao-chien Jenn-Che WANG Jenn-che, Taxonomic Revision of
Aspidistra Ker-Gawl. (Asparagaceae) in Taiwan. *Taiwania* 65 (3): 277-285. 2020 [281] doi: 10.6165/tai.2020.65.277
CHINA (Taiwan*)

Aspidistra xichouensis Lei Cai, Z. L. Dao & G. W. Hu 西畴蜘蛛抱蛋 [New Species] IUCN: NE; Evidence: Morphology

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CAI Lei, PAN Bo, LIN Chun-rui, DAO Zhi-ling, HU Guang-wan, *Aspidistra xichouensis* (Asparagaceae), a New Species from the Karst Region in Southeastern Yunnan, China. *Phytotaxa* 439 (2): 143-149. 2020 [145] doi: 10.11646/phytotaxa.439.2.5 CHINA (Yunnan*)

Peliosanthes ligniradicis N. Tanaka, M.T. aram & D. Borah [New Species] IUCN: NE; Evidence: Morphology
TARAM Momang, BORAH Dipankar, TANAKA Noriyuki, *Peliosanthes ligniradicis*, a New Species (Asparagaceae) from Arunachal Pradesh, NE India. *Phytotaxa* 438 (1): 43-48. 2020 [44] doi: 10.11646/phytotaxa.438.1.5
CHINA (Xizang*)

Polygonatum daminense H. J. Yang & D. F. Cui 大皿黄精 [New Species] IUCN: DD; Evidence: rbcL, matK, psbA-trnH, trnC-petN; Morphology
YANG Hai-jun, WU Bao-huan, CHEN Zi-lin, WANG Pan, SHI Shi, LI Fei-fei, XU Han, CUI Da-fang, *Polygonatum daminense* (Asparagaceae), a New Species from China Based on Morphological and Molecular Evidence. *Phytotaxa* 449 (3): 287-294. 2020 [290] doi: 10.11646/phytotaxa.449.3.7
CHINA (Zhejiang*)

Tupistra cardinalis Aver., N.Tanaka & Son 红柱开口箭 [New Recorded]
NONG Dong-xin, PENG Yu-de, YU Li-ying, XU Wei-bin, Notes on *Tupistra* (Asparagaceae) in Guangxi. *Guihaia* 40 (7): 921-925. 2020 [922] doi: 10.11931/guihaia.gxzw201903048
CHINA (Guangxi); VIETNAM*

Tupistra nganii K. S. Nguyen, Aver., N. Tanaka & Nuraliev [New Species] IUCN: DD; Evidence: Morphology
AVERYANOV Leonid V., NGUYEN Khang Sinh, NURALIEV Maxim S., VISLOBOKOV Nikolay A., TANAKA Noriyuki, KOPYLOV-GUSKOV Yury O., LYSKOV Dmitry F., MAISAK Tatiana V., HIEU Nguyen Quang, KUZNETSOV Andrey N., KUZNETSOVA Svetlana P., THAI Tran Huy, *Tupistra nganii* (Asparagaceae), a New Species with Greenish Yellow Flowers from Northern Vietnam and Southwestern China. *Phytotaxa* 449 (2): 173-180. 2020 [174] doi: 10.11646/phytotaxa.449.2.5
CHINA (Yunnan); VIETNAM*

Tupistra stoliczkanii Kurz [New Synonyms]
S.: *Tupistra ashii* D. K. Roy, N. Odyuo & Aver.
BORAH Dipankar, TANAKA Noriyuki, AVERYANOV Leonid V., TARAM Momang, ROY Dilip Kumar, Rediscovery of *Tupistra stoliczkanii* (Asparagaceae) in Northeastern India and the Identity of *T. ashii*. *Phytotaxa* 443 (2): 207-210. 2020 [208] doi: 10.11646/phytotaxa.443.2.8
CHINA (Xizang); INDIA, MYANMAR*

Asphodelaceae 阿福花科

Hemerocallis lilioasphodelus L. var. *minor* (Mill.) M. N. Tamura [New Combination]
B.: *Hemerocallis minor* Mill.
MURAKAMI Sho, TAKAYAMA Koji, FUSE Shizuka, HIROTA Shun K., KOI Satoshi, IDENO Takahito, YAMAMOTO Takenori, TAMURA Minoru N., Recircumscription of Sections of *Hemerocallis* (Asphodelaceae) from Japan and Adjacent Regions Based on MIG-seq Data. *Acta Phytotaxonomica & Geobotanica* 71 (1): 1-11. 2020 [8] doi: 10.18942/apg.201913
CHINA (Gansu, Hebei, Heilongjiang, Jilin, Liaoning, Nei Mongol, Shaanxi, Shandong, Shanxi); KOREA, JAPAN, MONGOLIA, RUSSIA

Aspleniaceae 铁角蕨科

Asplenium normale D. Don f. *scythiforme* Z. X. Chang 镰羽铁角蕨 [New Form]
CHANG Zhi-xiang, KUO Li-yaung, LU Pi-fong, HUANG Yao-moan, New Addition to the *Asplenium normale* complex (Aspleniaceae): an Endemic Forma in Taiwan. *Taiwania* 65 (2): 253-260. 2020 [253] doi: 10.6165/tai.2020.65.253
CHINA (Taiwan*)

Asteraceae 菊科

Acmella brachyglossa Cass. 短舌花金钮扣 [New Record]
HE Chun-mei, TONG Yi-hua, XIA Jing, XIA Nian-he, Two Newly Naturalized Species of Asteraceae in Mainland China. *Journal of Tropical and Subtropical Botany* 28 (5): 523-526. 2020 [524] doi: 10.11926/jtsb.4254
CHINA (Guangdong, Taiwan); [AMERICA]

Ainsliaea daheishanensis Y. L. Peng, C. X. Yang & Y. Luo [New Species] IUCN: NE; Evidence: Morphology
PENG Yu-lan, YANG Chen-xuan, LUO Yan, *Ainsliaea daheishanensis* (Asteraceae): A New Species from China. *PhytoKeys* 138: 233-239. 2020 [234] doi: 10.3897/phytokeys.138.38566
CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Ainsliaea wuyuanensis Z. H. Chen, Y. L. Xu & X. F. Jin 婺源兔儿风 [New Species] IUCN: NE; Evidence: Morphology
XU Yue-liang, CHEN Feng, HONG Yuan-hua, CHEN Zheng-hai, JIN Xiao-feng, A New Species of *Ainsliaea* DC. (Asteraceae) from Northeast Jiangxi. *Guihaia* 40 (1): 95-98. 2020 [96] doi: 10.11931/guihaia.gxzw201907064
CHINA (Jiangxi*)

Artemisia rutifolia Steph. ex Spreng. var. *ruoqiangensis* Y. R. Ling [Typification]
GUO Xin-qiang, WANG Long, YANG Qin-er, Lectotypification of *Artemisia rutifolia* var. *ruoqiangensis* (Asteraceae, Anthemideae). *Phytotaxa* 453 (1): 49-51. 2020 [49] doi: 10.11646/phytotaxa.453.1.5
CHINA (Xinjiang*)

Artemisia sichuanensis Y. Ling & Y. R. Ling var. *tomentosa* Y. R. Ling [New Synonyms]
S.: *Artemisia erlangshanensis* Y. Ling & Y. R. Ling
GUO Xin-qiang, WANG Long, YANG Qin-er, Clarification of Morphological Distinction between *Artemisia sichuanensis* var. *sichuanensis* (Asteraceae, Anthemideae) and *A. sichuanensis* var. *tomentosa*, with Reduction of *A. erlangshanensis* to the Synonymy of the Latter Variety. *Phytotaxa* 453 (1): 16-30. 2020 [26] doi: 10.11646/phytotaxa.453.1.2
CHINA (Sichuan*)

Artemisia waltonii J. R. Drumm. ex Pamp. [Typification]
GUO Xin-qiang, WANG Long, YANG Qin-er, Taxonomic Notes on *Artemisia waltonii* (Asteraceae, Anthemideae), with Reduction of *A. kangmarensis* and *A. conaensis* to the Synonymy of Its Type Variety. *Phytotaxa* 450 (2): 149-172. 2020 [161] doi: 10.11646/phytotaxa.450.2.2
CHINA (Xizang*)

Artemisia waltonii J. R. Drumm. ex Pamp. var. *waltonii* [New Synonyms]
S.: *Artemisia kangmarensis* Y. Ling & Y. R. Ling; *Artemisia conaensis* Y. Ling & Y. R. Ling
GUO Xin-qiang, WANG Long, YANG Qin-er, Taxonomic Notes on *Artemisia waltonii* (Asteraceae, Anthemideae), with Reduction of *A. kangmarensis* and *A. conaensis* to the Synonymy of Its Type Variety. *Phytotaxa* 450 (2): 149-172. 2020 [169] doi: 10.11646/phytotaxa.450.2.2
CHINA (Xizang*)

Aster bodinieri H. Lév. [Typification]
NESOM Guy L., *Tibetiodendron* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Yunnan*)

Aster chuanshanensis W. P. Li [New Species] IUCN: NE; Evidence: ITS, ETS; Chromosome; Morphology
XIAO Jia-wei, ZHAO Qing-ya, XIONG Yi-chang, LI Wei-ping, *Aster chuanshanensis* (Asteraceae), a New Species from Shanxi and Sichuan, China. *Annales Botanici Fennici* 57 (4-6): 341-350. 2020 [342] doi: 10.5735/085.057.0417
CHINA (Shaanxi*, Sichuan)

Aster delavayi Franch. [Typification]
NESOM Guy L., *Tibetiodendron* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Yunnan*)

Aster flaccidus Bunge var. *fructu-glandulosus* Ostenf. [Typification]
NESOM Guy L., *Tibetiodendron* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [4]
CHINA (Xizang*)

Aster fordii Hemsl. [Typification]
NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [3]
CHINA (Guangdong*)

Aster huangpingensis W. P. Li & Z. Li 黄平紫菀 [New Species] IUCN: EN: D1; Evidence: ITS, ETS; Chromosome; Morphology
LI Zhi, XIONG Yi-chang, LIAO Jun-jie, XIAO Jia-wei, LI Wei-ping, *Aster huangpingensis* (Asteraceae, Astereae), a New Species from Guizhou, China. *Phytotaxa* 433 (3): 235-244. 2020 [242] doi: 10.11646/phytotaxa.433.3.5
CHINA (Guizhou*)

Aster kanoi S. W. Chung, W. J. Huang & T. C. Hsu 鹿野氏马兰 [New Species] IUCN: NT: B2b(iii); C2a(i); D; Evidence: Morphology
CHUNG Shih-wen, HUANG Wei-jie, HSU Tian-chuan, *Aster kanoi* (Asteraceae, Astereae), a New Species from Taiwan, with Lectotypification and Morphological Emendation of *Aster takasagomontanus*. *Taiwania* 65 (3): 315-320. 2020 [316] doi: 10.6165/tai.2020.65.315

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Taiwan*)

Aster mekongensis Onno [Typification]

NESOM Guy L., Tibetiodendron Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Yunnan*)

Aster nigrotinctus Y. Ling [Typification]

NESOM Guy L., Tibetiodendron Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [4]

CHINA (Xizang*)

Aster staticifolius Franch. [Typification]

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [1]

CHINA (Yunnan*)

Aster takasagomontanus Sasaki 雪山马兰 [Typification]

CHUNG Shih-wen, HUANG Wei-jie, HSU Tian-chuan, *Aster kanoi* (Asteraceae, Astereae), a New Species from Taiwan, with Lectotypification and Morphological Emendation of *Aster takasagomontanus*. *Taiwania* 65 (3): 315-320. 2020 [319] doi: 10.6165/tai.2020.65.315

CHINA (Taiwan*)

Aster vilmorinii Franch. [Typification]

NESOM Guy L., Tibetiodendron Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [7]

CHINA (Sichuan*)

Blumea hunanensis L. D. Duan & Yun Lin [New Species] IUCN: NE; Evidence: Morphology

DUAN Lin-dong, LIN Yun, YANG Zhi-rong, LU Zhen, *Blumea hunanensis* (Asteraceae: Inuleae), a New Species from Hunan, China. *Kew Bulletin* 75 (9): 1-8. 2020 [1] doi: 10.1007/S12225-020-9860-Z

CHINA (Hunan*)

Cardiogyris G. L. Nesom [New Genus]

NESOM Guy L., *Cardiogyris* (Asteraceae: Astereae), a New Genus for the Doellingeria-like Species of Asia. *Phytoneuron* (61): 1-26. 2020 [1]

CHINA

Cardiogyris dolichophylla (Y. Ling) G. L. Nesom [New Combination]

B.: *Aster dolichophyllus* Y. Ling

NESOM Guy L., *Cardiogyris* (Asteraceae: Astereae), a New Genus for the Doellingeria-like Species of Asia. *Phytoneuron* (61): 1-26. 2020 [5]

CHINA (Guangxi*)

Cardiogyris dolichophylla (Y. Ling) G. L. Nesom [New Combination]

B.: *Aster huangpingensis* W. P. Li & Zhi Li

NESOM Guy L., *Cardiogyris* (Asteraceae: Astereae), a New Genus for the Doellingeria-like Species of Asia. *Phytoneuron* (61): 1-26. 2020 [5]

CHINA (Guizhou*)

Cardiogyris marchandii (H. Lév.) G. L. Nesom [New Combination]

B.: *Aster marchandii* H. Lév.

NESOM Guy L., *Cardiogyris* (Asteraceae: Astereae), a New Genus for the Doellingeria-like Species of Asia. *Phytoneuron* (61): 1-26. 2020 [3]

CHINA (Fujian, Guangdong, Guangxi, Guizhou*, Hubei, Jiangxi, Sichuan, Zhejiang)

Cardiogyris scabra (Thunb.) G. L. Nesom [New Combination]

B.: *Aster scaber* Thunb.

NESOM Guy L., *Cardiogyris* (Asteraceae: Astereae), a New Genus for the Doellingeria-like Species of Asia. *Phytoneuron* (61): 1-26. 2020 [3]

CHINA (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Mongol, Shaanxi, Shandong, Shanxi, Sichuan, Zhejiang); JAPAN*, KOREA, RUSSIA

Chaochienchangia G. L. Nesom [New Genus]

NESOM Guy L., *Yonglingia*, *Chaochienchangia*, and *Sinobouffordia* (Asteraceae: Astereae), New Genera Segregated from *Aster* in China. *Phytoneuron* (57): 1-25. 2020 [9]

CHINA

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Chaochienchangia falcifolia (Hand.-Mazz.) G. L. Nesom [New Combination]

B.: *Aster falcifolius* Hand.-Mazz.

NESOM Guy L., Yonglingia, Chaochienchangia, and Sinobouffordia (Asteraceae: Astereae), New Genera Segregated from Aster in China. *Phytoneuron* (57): 1-25. 2020 [9]

CHINA (Gansu, Hubei*, Shaanxi, Sichuan)

Chlamyditis prainii J. R. Drumm. [Typification]

NESOM Guy L., Chlamyditis (Asteraceae: Astereae) Revived. *Phytoneuron* (59): 1-14. 2020 [2]

CHINA (Sichuan, Xizang*)

Chrysanthemum bizarre C. Z. Shen [New Species] IUCN: NE; Evidence: Morphology

MENG Shi-yong, WU Lei, SHEN Chu-ze, Chrysanthemum bizarre, a New Species of Chrysanthemum from Hunan, China. *Phytotaxa* 442 (3): 215-224. 2020 [220] doi: 10.11646/phytotaxa.442.3.7

CHINA (Hunan*)

Chrysanthemum bizarre C. Z. Shen [Typification]

MENG Shi-yong, WU Lei, SHEN Chu-ze, Chrysanthemum bizarre, a New Species of Chrysanthemum from Hunan, China. *Phytotaxa* 442 (3): 215-224. 2020 [220] doi: 10.11646/phytotaxa.442.3.7

CHINA (Hubei*)

Cordiofontis G. L. Nesom [New Genus]

NESOM Guy L., Cordiofontis (Asteraceae: Astereae), a New Genus of Himalayan Species Segregated from Aster. *Phytoneuron* (60): 1-20. 2020 [1]

CHINA

Cordiofontis longipetiolata (C. C. Chang) G. L. Nesom [New Combination]

B.: *Aster longipetiolatus* C. C. Chang

NESOM Guy L., Cordiofontis (Asteraceae: Astereae), a New Genus of Himalayan Species Segregated from Aster. *Phytoneuron* (60): 1-20. 2020 [3]

CHINA (Sichuan*, Yunnan)

Emilia praetermissa Milne-Redh. 粉黄缨绒花 [New Record]

HE Chun-mei, TONG Yi-hua, XIA Jing, XIA Nian-he, Two Newly Naturalized Species of Asteraceae in Mainland China. *Journal of Tropical and Subtropical Botany* 28 (5): 523-526. 2020 [524] doi: 10.11926/jtsb.4254

CHINA (Guangdong, Taiwan); [AFRICA]

Erigeron panduratus C. C. Chang [Typification]

NESOM Guy L., Metamyriactis (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [3]

CHINA (Guangxi*)

Gelasia circumflexa (Krasch. & Lipsch.) Zaika, Sukhor. & N. Kilian [New Combination]

B.: *Scorzonera circumflexa* Krasch. & Lipsch.

ZAICA Maxim A., KILIAN Norbert, JONES Katy, KRINITSA Anastasiya A., NILOVA Maya V., SPERANSKAYA Anna S., SUKHORUKOV Alexander P., Scorzonera sensu lato (Asteraceae, Cichorieae) – Taxonomic Reassessment in the Light of New Molecular Phylogenetic and Carpological Analyses. *PhytoKeys* 137: 1-85. 2020 [57] doi: 10.3897/phytokeys.137.46544

CHINA (Xinjiang); AFGHANISTAN, UZBEKISTAN

Gelasia ensifolia (M. Bieb.) Zaika, Sukhor. & N. Kilian [New Combination]

B.: *Scorzonera ensifolia* M. Bieb.

ZAICA Maxim A., KILIAN Norbert, JONES Katy, KRINITSA Anastasiya A., NILOVA Maya V., SPERANSKAYA Anna S., SUKHORUKOV Alexander P., Scorzonera sensu lato (Asteraceae, Cichorieae) – Taxonomic Reassessment in the Light of New Molecular Phylogenetic and Carpological Analyses. *PhytoKeys* 137: 1-85. 2020 [57] doi: 10.3897/phytokeys.137.46544

CHINA (Xinjiang); KAZAKHSTAN, RUSSIA

Geothamnus G. L. Nesom [New Genus]

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [1]

CHINA

Geothamnus batangensis (Bureau & Franch.) G. L. Nesom [New Combination]

B.: *Aster batangensis* Bureau & Franch.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [1]

CHINA (Sichuan*)

Griersonia G. L. Nesom [New Genus]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [31]
CHINA

Griersonia fuscescens (Bureau & Franch.) G. L. Nesom [New Combination]

B.: *Aster fuscescens* Bureau & Franch.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [31]
CHINA (Sichuan*, Yunnan)

Griersonia oblongifolia (Grierson) G. L. Nesom [New Combination]

B.: *Aster fuscescens* Bureau & Franch. var. *oblongifolius* Grierson

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [32]
CHINA (Sichuan*, Yunnan)

Griersonia senecioides (Franch.) G. L. Nesom [New Combination]

B.: *Aster senecioides* Franch.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [32]
CHINA (Yunnan*)

Iteroloba G. L. Nesom [New Genus]

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [7]
CHINA

Iteroloba bipinnatisecta (Ludlow ex Grierson) G. L. Nesom [New Combination]

B.: *Aster bipinnatisectus* Ludlow ex Grierson

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [7]
CHINA (Xizang*)

Jurinea auriculata (DC.) N. Garcia, Herrando & Susanna [New Combination]

B.: *Aplotaxis auriculata* DC.

HERRANDO-MORAIRA Sonia, CALLEJA Juan-Antonio, CHEN You-sheng, FUJIKAWA Kazumi, GALBANY-CASALS Mercè, GARCIA-JACAS Núria, KIM Seung-Chul, LIU Jian-quan, LÓPEZ-ALVARADO Javier, LÓPEZ-PUJOL Jordi, MANDEL Jennifer R., MEHREGAN Iraj, ROQUET Cristina, SENNIKOV, Generic Boundaries in subtribe Saussureinae (Compositae: Cardueae): Insights from Hyb-Seq Data. *Taxon* 69 (4): 694-714. 2020 [708] doi: 10.1002/tax.12314
CHINA (Xizang); BHUTAN, INDIA, NEPAL

Jurinea deltoidea (DC.) N. Garcia, Herrando & Susanna [New Combination]

B.: *Aplotaxis deltoidea* DC.

HERRANDO-MORAIRA Sonia, CALLEJA Juan-Antonio, CHEN You-sheng, FUJIKAWA Kazumi, GALBANY-CASALS Mercè, GARCIA-JACAS Núria, KIM Seung-Chul, LIU Jian-quan, LÓPEZ-ALVARADO Javier, LÓPEZ-PUJOL Jordi, MANDEL Jennifer R., MEHREGAN Iraj, ROQUET Cristina, SENNIKOV, Generic Boundaries in subtribe Saussureinae (Compositae: Cardueae): Insights from Hyb-Seq Data. *Taxon* 69 (4): 694-714. 2020 [708] doi: 10.1002/tax.12314
CHINA (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Henan, Hubei, Hunan, Jiangxi, Shaanxi, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang); BHUTAN, INDIA, LAOS, MYANMAR, NEPAL, PAKISTAN, THAILAND, VIETNAM

Jurinea peguensis (C. B. Clarke) N. Garcia, Herrando & Susanna [New Combination]

B.: *Saussurea peguensis* C. B. Clarke

HERRANDO-MORAIRA Sonia, CALLEJA Juan-Antonio, CHEN You-sheng, FUJIKAWA Kazumi, GALBANY-CASALS Mercè, GARCIA-JACAS Núria, KIM Seung-Chul, LIU Jian-quan, LÓPEZ-ALVARADO Javier, LÓPEZ-PUJOL Jordi, MANDEL Jennifer R., MEHREGAN Iraj, ROQUET Cristina, SENNIKOV, Generic Boundaries in subtribe Saussureinae (Compositae: Cardueae): Insights from Hyb-Seq Data. *Taxon* 69 (4): 694-714. 2020 [709] doi: 10.1002/tax.12314
CHINA (Guizhou, Yunnan); MYANMAR, THAILAND

Jurinea yakla (C. B. Clarke) N. Garcia, Herrando & Susanna [New Combination]

B.: *Saussurea yakla* C. B. Clarke

HERRANDO-MORAIRA Sonia, CALLEJA Juan-Antonio, CHEN You-sheng, FUJIKAWA Kazumi, GALBANY-CASALS Mercè, GARCIA-JACAS Núria, KIM Seung-Chul, LIU Jian-quan, LÓPEZ-ALVARADO Javier, LÓPEZ-PUJOL Jordi, MANDEL Jennifer R., MEHREGAN Iraj, ROQUET Cristina, SENNIKOV, Generic Boundaries in subtribe Saussureinae (Compositae: Cardueae): Insights from Hyb-Seq Data. *Taxon* 69 (4): 694-714. 2020 [709] doi: 10.1002/tax.12314
CHINA (Xizang); BHUTAN, INDIA, NEPAL

Lactuca hirsuta Franch. [Typification]

WANG Ze-huan, KILIAN Norbert, CHEN Ya-ping, PENG Hua, Sinoseris (Crepidinae, Cichorieae, Asteraceae), a New Genus of Three Species Endemic to China, One of Them New to Science. *Willdenowia* 50 (1): 91-110. 2020 [103] doi: 10.3372/wi.50.50109
CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Lipschitzia Zaika, Sukhor. & N. Kilian [New Genus]

ZAICA Maxim A., KILIAN Norbert, JONES Katy, KRINITSINA Anastasiya A., NILOVA Maya V., SPERANSKAYA Anna S., SUKHORUKOV Alexander P., *Scorzonera sensu lato* (Asteraceae, Cichorieae) – Taxonomic Reassessment in the Light of New Molecular Phylogenetic and Carpological Analyses. *PhytoKeys* 137: 1-85. 2020 [61] doi: 10.3897/phytokeys.137.46544
CHINA

Lipschitzia divaricata (Turcz.) Zaika, Sukhor. & N. Kilian [New Combination]

B.: *Scorzonera divaricata* Turcz.

ZAICA Maxim A., KILIAN Norbert, JONES Katy, KRINITSINA Anastasiya A., NILOVA Maya V., SPERANSKAYA Anna S., SUKHORUKOV Alexander P., *Scorzonera sensu lato* (Asteraceae, Cichorieae) – Taxonomic Reassessment in the Light of New Molecular Phylogenetic and Carpological Analyses. *PhytoKeys* 137: 1-85. 2020 [62] doi: 10.3897/phytokeys.137.46544
CHINA (Hebei, Shaanxi, Shanxi, Nei Mongol); MONGOLIA

Metamyriactis nigromontana (Dunn) G. L. Nesom [New Combination]

B.: *Aster nigromontanus* Dunn

NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [4]
CHINA (Yunnan*)

Metamyriactis pandurata (Nees ex Walp.) G. L. Nesom [New Combination]

B.: *Aster pandurata* Nees ex Walp.

NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [3]
CHINA (Fujian, Gansu, Guangdong*, Guangxi, Guizhou, Hong Kong, Hubei, Henan, Jiangsu, Jiangxi, Sichuan, Xizang, Yunnan, Zhejiang); THAILAND

Metamyriactis pycnophylla (Franch. ex Diels) G. L. Nesom [New Combination]

B.: *Aster pycnophyllus* Franch. ex Diels

NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [3]
CHINA (Yunnan*)

Metamyriactis sikkimensis (Hook. f.) G. L. Nesom [New Combination]

B.: *Aster sikkimensis* Hook. f.

NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [4]
CHINA (Xizang); INDIA*, NEPAL

Metamyriactis sikkimensis (Hook. f.) G. L. Nesom [Typification]

NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [4]
CHINA (Xizang); INDIA*, NEPAL

Metamyriactis pycnophylla (Hutch. & J. R. Drumm. ex G. J. Zhang & T. G. Gao) G. L. Nesom [New Combination]

B.: *Aster veitchiana* Hutch. & J. R. Drumm. ex G. J. Zhang & T. G. Gao

NESOM Guy L., *Metamyriactis* (Asteraceae, Astereae), a New Genus of Southeast Asian Asters. *Phytoneuron* (58): 1-36. 2020 [4]
CHINA (Sichuan*)

Pertya cordifolia Mattf. [Typification]

ZHANG Cai-fei, LIU Sheng-long, LI Liang-qian, *Pertya ferruginea* (Asteraceae: Pertyeae), a New Species from Southeastern China, with a Revision of *P. cordifolia* and *P. pubescens*. *Phytotaxa* 474 (3): 235-249. 2020 [236] doi: 10.11646/phytotaxa.474.3.3
CHINA (Guangdong, Guangxi, Hunan*)

Pertya ferruginea Cai F. Zhang 锈毛帚菊 [New Species] IUCN: VU: B2ab(ii, iii); Evidence: Morphology

ZHANG Cai-fei, LIU Sheng-long, LI Liang-qian, *Pertya ferruginea* (Asteraceae: Pertyeae), a New Species from Southeastern China, with a Revision of *P. cordifolia* and *P. pubescens*. *Phytotaxa* 474 (3): 235-249. 2020 [242] doi: 10.11646/phytotaxa.474.3.3
CHINA (Fujian, Jiangxi, Zhejiang*)

Pertya huangii Huan C. Wang & Q. P. Wang [New Species] IUCN: NE; Evidence: Morphology

PAN Bo, XU Mei-zhen, TANG Wen-xiu, YANG Li-hua, *Pertya huangii* (Asteraceae), a New Species from Yunnan, Southwest China. *Annales Botanici Fennici* 57 (1-3): 87-91. 2020 [87] doi: 10.5735/085.057.0112
CHINA (Yunnan*)

Pseudopodospermum inconspicuum (Lipsch.) Zaika, Sukhor. & N. Kilian [New Combination]

B.: *Scorzonera inconspicua* Lipsch.

ZAICA Maxim A., KILIAN Norbert, JONES Katy, KRINITSINA Anastasiya A., NILOVA Maya V., SPERANSKAYA Anna S., SUKHORUKOV Alexander P., *Scorzonera sensu lato* (Asteraceae, Cichorieae) – Taxonomic Reassessment in the Light of New Molecular Phylogenetic and Carpological Analyses. *PhytoKeys* 137: 1-85. 2020 [69] doi: 10.3897/phytokeys.137.46544
CHINA (Xinjiang); KAZAKHSTAN, KYRGYZSTAN, TAJIKISTAN, UZBEKISTAN

Pseudopodospermum pubescens (DC.) Zaika, Sukhor. & N. Kilian [New Combination]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

B.: *Scorzonera pubescens* DC.

ZAIIKA Maxim A., KILIAN Norbert, JONES Katy, KRINITSIYA Anastasiya A., NILOVA Maya V., SPERANSKAYA Anna S., SUKHORUKOV Alexander P., *Scorzonera sensu lato* (Asteraceae, Cichorieae) – Taxonomic Reassessment in the Light of New Molecular Phylogenetic and Carpological Analyses. *PhytoKeys* 137: 1-85. 2020 [69] doi: 10.3897/phytokeys.137.46544

CHINA (Xinjiang); KAZAKHSTAN, KYRGYZSTAN, RUSSIA, TAJIKISTAN

Saussurea sagittifolia Y. S. Chen & S. R. Yi 戟叶风毛菊 [New Species] IUCN: EN: B2ab; Evidence: Morphology

XU Lian-sheng, YI Si-rong, CHEN You-sheng, *Saussurea sagittifolia* (Asteraceae, Cardueae), a New Species from the Bashan Mountains Region of China. *Phytotaxa* 472 (3): 295-298. 2020 [295] doi: 10.11646/phytotaxa.472.3.9

CHINA (Sichuan*)

Saussurea solaris Raab-Straube & Lidén [New Species] IUCN: EN: B1a;D; Evidence: Morphology

RAAB-STRAUBE Eckhard von, LIDÉN, Magnus, *Saussurea solaris* (Asteraceae, Cardueae), a New Species from East Himalaya First Collected by Francis Kingdon-Ward in 1938 and rediscovered in 2013. *Symbolae Botanicae Upsalienses, Acta Universitatis Upsaliensis* 40: 130-132. 2020 [130]

CHINA (Xizang*)

Saussurea xinjiangensis Y. S. Chen [New Species] IUCN: DD; Evidence: Chloroplast WGS; Morphology

CHEN You-sheng, XU Lian-sheng, *Saussurea xinjiangensis* sp. nov. (Asteraceae, Cardueae), a New Species from Xinjiang, China.

Nordic Journal of Botany 38 (e02711): 1-7. 2020 [2] doi: 10.1111/njb.02711

CHINA (Xinjiang*)

Saussurea yilingii Y. S. Chen [New Species] IUCN: CR; Evidence: Morphology

CHEN You-sheng, *Saussurea yilingii* (Asteraceae, Cardueae), a New Species from Sichuan, China. *Phytotaxa* 452 (3): 236-240. 2020 [236] doi: 10.11646/phytotaxa.452.3.7

CHINA (Sichuan*)

Saussurea yiwuensis L. Q. Zhao & R. Xu [New Species] IUCN: NE; Evidence: Morphology

RI Xu, ZHAO Li-qing, QING Hua, *Saussurea yiwuensis* (Asteraceae), a New Species from Xinjiang, China. *Annales Botanici Fennici* 57 (1-3): 159-161. 2020 [159] doi: 10.5735/085.057.0121

CHINA (Xinjiang*)

Senecio pelleifolius King ex J. R. Drumm. [Typification]

Fei Wen-qun, Tang Ming, Wu Xing, Ren Chen, Proposal to Conserve the Name *Senecio palmatisectus* (*Parasenecio palmatisectus*) against *S. pelleifolius* (Asteraceae). *Taxon* 69 (1): 202-203. 2020 [202] doi: 10.1002/tax.12192

CHINA (Xizang*)

Sinobouffordia G. L. Nesom [New Genus]

NESOM Guy L., Yonglingia, Chaochienchangia, and *Sinobouffordia* (Asteraceae: Astereae), New Genera Segregated from *Aster* in China. *Phytoneuron* (57): 1-25. 2020 [15]

CHINA

Sinobouffordia poliothamnus (Diels) G. L. Nesom [New Combination]

B.: *Aster poliothamnus* Diels

NESOM Guy L., Yonglingia, Chaochienchangia, and *Sinobouffordia* (Asteraceae: Astereae), New Genera Segregated from *Aster* in China. *Phytoneuron* (57): 1-25. 2020 [16]

CHINA (Gansu, Qinghai, Shaanxi, Sichuan*, Xizang)

Sinobouffordia sikuensis (W. W. Smith & Farrer) G. L. Nesom [New Combination]

B.: *Aster sikuensis* W. W. Smith & Farrer

NESOM Guy L., Yonglingia, Chaochienchangia, and *Sinobouffordia* (Asteraceae: Astereae), New Genera Segregated from *Aster* in China. *Phytoneuron* (57): 1-25. 2020 [16]

CHINA (Gansu*, Shaanxi, Sichuan)

Sinosenecio ovatifolius C. Y. Zou, Yan Liu & Ying Liu [New Species] IUCN: NE; Evidence: nrITS; Chromosome; Morphology

ZOU Chun-yu, LIU Yan, LIU Ying, *Sinosenecio ovatifolius* (Asteraceae), a New Species from Guangxi, China. *Phytotaxa* 460 (2): 149-159. 2020 [155] doi: 10.11646/phytotaxa.460.2.5

CHINA (Guangxi*)

Sinoseris N. Kilian, Ze H. Wang & H. Peng [New Genus]

WANG Ze-huan, KILIAN Norbert, CHEN Ya-ping, PENG Hua, *Sinoseris* (Crepidinae, Cichorieae, Asteraceae), a New Genus of Three Species Endemic to China, One of Them New to Science. *Willdenowia* 50 (1): 91-110. 2020 [100] doi: 10.3372/wi.50.50109

CHINA

Sinoseris changii Ze H. Wang, N. Kilian & H. Peng [New Species] IUCN: NE; Evidence: ITS, trnL-F, psbA-trnH, matK; Morphology

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

WANG Ze-huan, KILIAN Norbert, CHEN Ya-ping, PENG Hua, Sinoseris (Crepidinae, Cichorieae, Asteraceae), a New Genus of Three Species Endemic to China, One of Them New to Science. *Willdenowia* 50 (1): 91-110. 2020 [108] doi: 10.3372/wi.50.50109 CHINA (Yunnan*)

Sinoseris muliensis (Y. S. Chen, L. S. Xu & R. Ke) Ze H. Wang, N. Kilian & H. Peng [New Combination]

B.: *Nabalus muliensis* Y. S. Chen, L. S. Xu & R. Ke

WANG Ze-huan, KILIAN Norbert, CHEN Ya-ping, PENG Hua, Sinoseris (Crepidinae, Cichorieae, Asteraceae), a New Genus of Three Species Endemic to China, One of Them New to Science. *Willdenowia* 50 (1): 91-110. 2020 [105] doi: 10.3372/wi.50.50109 CHINA (Sichuan*, Yunnan)

Sinoseris scandens (C. C. Chang) Ze H. Wang, N. Kilian & H. Peng [New Combination]

B.: *Lactuca scandens* C. C. Chang

WANG Ze-huan, KILIAN Norbert, CHEN Ya-ping, PENG Hua, Sinoseris (Crepidinae, Cichorieae, Asteraceae), a New Genus of Three Species Endemic to China, One of Them New to Science. *Willdenowia* 50 (1): 91-110. 2020 [103] doi: 10.3372/wi.50.50109 CHINA (Sichuan*, Yunnan)

Sinoseris scandens (C. C. Chang) Ze H. Wang, N. Kilian & H. Peng [Typification]

WANG Ze-huan, KILIAN Norbert, CHEN Ya-ping, PENG Hua, Sinoseris (Crepidinae, Cichorieae, Asteraceae), a New Genus of Three Species Endemic to China, One of Them New to Science. *Willdenowia* 50 (1): 91-110. 2020 [103] doi: 10.3372/wi.50.50109 CHINA (Sichuan*, Yunnan)

Sinosidus G. L. Nesom [New Genus]

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [12] CHINA

Sinosidus albescens (DC.) G. L. Nesom [New Combination]

B.: *Amphirhapis albescens* DC.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [12] CHINA (Gansu, Guizhou, Hubei, Shaanxi, Sichuan, Xizang, Yunnan); BHUTAN, INDIA, MYANMAR, NEPAL*

Sinosidus albescens (DC.) G. L. Nesom var. *discolor* (Y. Ling) G. L. Nesom [New Combination]

B.: *Aster albescens* (DC.) Wall. ex Hand.-Mazz. var. *discolor* Y. Ling

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Xizang*)

Sinosidus albescens (DC.) G. L. Nesom var. *glabratus* (Diels) G. L. Nesom [New Combination]

B.: *Aster harrowianus* Diels var. *glabratus* Diels

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Yunnan*)

Sinosidus albescens (DC.) G. L. Nesom var. *glandulosus* (Hand.-Mazz.) G. L. Nesom [New Combination]

B.: *Aster albescens* (DC.) Wall. ex Hand.-Mazz. var. *glandulosus* Hand.-Mazz.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Xizang*)

Sinosidus albescens (DC.) G. L. Nesom var. *gracilior* (Hand.-Mazz.) G. L. Nesom [New Combination]

B.: *Aster limprichtii* Diels var. *gracilior* Hand.-Mazz.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Sichuan*)

Sinosidus albescens (DC.) G. L. Nesom var. *glabratus* (Diels) G. L. Nesom [New Combination]

B.: *Aster limprichtii* Diels

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Xizang*)

Sinosidus albescens (DC.) G. L. Nesom var. *megaphyllus* (Y. Ling) G. L. Nesom [New Combination]

B.: *Aster albescens* (DC.) Wall. ex Hand.-Mazz. var. *megaphyllus* Y. Ling

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Sichuan*)

Sinosidus albescens (DC.) G. L. Nesom var. *pilosus* (Hand.-Mazz.) G. L. Nesom [New Combination]

B.: *Aster albescens* (DC.) Wall. ex Hand.-Mazz. var. *pilosus* Hand.-Mazz.

NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13] CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Sinosidus albescens (DC.) G. L. Nesom var. *rugosus* (Y. Ling) G. L. Nesom [New Combination]
B.: *Aster albescens* (DC.) Wall. ex Hand.-Mazz. var. *rugosus* Y. Ling
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13]
CHINA (Sichuan*)

Sinosidus albescens (DC.) G. L. Nesom var. *salignus* (Franch.) G. L. Nesom [New Combination]
B.: *Inula cuspidata* (DC.) C. B. Clarke var. *saligna* Franch.
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13]
CHINA (Xizang*)

Sinosidus argyropholis (Hand.-Mazz.) G. L. Nesom [New Combination]
B.: *Aster argyropholis* Hand.-Mazz.
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13]
CHINA (Sichuan*)

Sinosidus fulgidulus (Grierson) G. L. Nesom [New Combination]
B.: *Aster fulgidulus* Grierson
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13]
CHINA (Xizang*)

Sinosidus hypoleucus (Hand.-Mazz.) G. L. Nesom [New Combination]
B.: *Aster hypoleucus* Hand.-Mazz.
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13]
CHINA (Xizang*)

Sinosidus lavandulifolius (Hand.-Mazz.) G. L. Nesom [New Combination]
B.: *Aster lavandulifolius* Hand.-Mazz.
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [14]
CHINA (Sichuan*)

Sinosidus lavandulifolius (Hand.-Mazz.) G. L. Nesom [Typification]
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [14]
CHINA (Sichuan*)

Sinosidus motuoensis (Y. L. Chen) G. L. Nesom [New Combination]
B.: *Aster motuoensis* Y. L. Chen
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [14]
CHINA (Xizang*)

Sinosidus paradoxus (Y. Ling) G. L. Nesom [New Combination]
B.: *Aster argyropholis* Hand.-Mazz. var. *paradoxus* Y. Ling
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [13]
CHINA (Sichuan*)

Sinosidus polius (C. K. Schneid.) G. L. Nesom [New Combination]
B.: *Aster polius* C. K. Schneid.
NESOM Guy L., New Genera from Asian Aster (Asteraceae: Astereae). *Phytoneuron* (64): 1-44. 2020 [14]
CHINA (Sichuan*)

Synotis duclouxii (Dunn) C. Jeffrey & Y. L. Chen [New Synonyms]
S.: *Synotis longipes* C. Jeffrey & Y. L. Chen
LIU Yu-lin, ZHANG Rui, REN Chen, LIU Bing, ZHANG Yu, TANG Ming, On the Specific Identity of Chinese Endemic Species
Synotis longipes (Compositae- Senecioneae). *Phytotaxa* 472 (3): 269-276. 2020 [271] doi: 10.11646/phytotaxa.472.3.5
CHINA (Sichuan, Yunnan*)

Synotis panzhouensis M. Tang & H. L. Zheng 盘州合耳菊 [New Species] IUCN: CR: B+C; Evidence: Morphology
LI Zhi, ZHENG Hai-lei, TANG Ming, *Synotis panzhouensis* (Asteraceae, Senecioneae), a Distinct New Species with Red-purple
Pappus from Southwestern Guizhou, China. *PhytoKeys* 166: 79-86. 2020 [80] doi: 10.3897/phytokeys.166.58654
CHINA (Guizhou*)

Taraxacum dilutissimum Kirschner & Štěpánek [New Species] IUCN: NE; Evidence: Morphology
KIRSCHNER Jan, ŠTĚPÁNEK Jan, KLIMEŠ Leoš, DVORSKÝ Miroslav, BRŮNA Josef, MACEK Martin, KOPECKÝ Martin, The
Taraxacum Flora of Ladakh, with Notes on the Adjacent Regions of the West Himalaya. *Phytotaxa* 457 (1): 1-409. 2020 [227] doi:
10.11646/phytotaxa.457.1.1
CHINA (Xizang); INDIA*, UZBEKISTAN

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Taraxacum hedinii G. Haglund ex Kirschner & Štěpánek [New Species] IUCN: NE; Evidence: Morphology
KIRSCHNER Jan, ŠTĚPÁNEK Jan, KLIMEŠ Leoš, DVORSKÝ Miroslav, BRŮNA Josef, MACEK Martin, KOPECKÝ Martin, The
Taraxacum Flora of Ladakh, with Notes on the Adjacent Regions of the West Himalaya. *Phytotaxa* 457 (1): 1-409. 2020 [185] doi:
10.11646/phytotaxa.457.1.1
CHINA (Xinjiang); INDIA*

Taraxacum tubulosum Kirschner & Štěpánek [New Species] IUCN: NE; Evidence: Morphology
KIRSCHNER Jan, ŠTĚPÁNEK Jan, KLIMEŠ Leoš, DVORSKÝ Miroslav, BRŮNA Josef, MACEK Martin, KOPECKÝ Martin, The
Taraxacum Flora of Ladakh, with Notes on the Adjacent Regions of the West Himalaya. *Phytotaxa* 457 (1): 1-409. 2020 [63] doi:
10.11646/phytotaxa.457.1.1
CHINA (Xinjiang); INDIA*

Tibetiodies G. L. Nesom [New Genus]
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [2]
CHINA

Tibetiodies angustior (Hand.-Mazz.) G. L. Nesom [New Combination]
B.: *Aster yunnanensis* Franch. var. *angustior* Hand.-Mazz.
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [2]
CHINA (Sichuan, Yunnan*)
Tibetiodies asteroides (DC.) G. L. Nesom [New Combination]
B.: *Heterochaeta asteroides* DC.
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [2]
CHINA (Gansu, Qinghai, Sichuan, Xizang, Yunnan); BHUTAN, INDIA, NEPAL

Tibetiodies bietii (Franch.) G. L. Nesom [New Combination]
B.: *Aster bietii* Franch.
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Xizang, Yunnan*)

Tibetiodies brachytricha (Franch.) G. L. Nesom [New Combination]
B.: *Aster brachytricha* Franch.
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Guizhou, Sichuan, Yunnan*); MYANMAR

Tibetiodies brachytricha (Franch.) G. L. Nesom [Typification]
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Guizhou, Sichuan, Yunnan*); MYANMAR

Tibetiodies brevis (Hand.-Mazz.) G. L. Nesom [New Combination]
B.: *Aster brevis* Hand.-Mazz.
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Yunnan*)

Tibetiodies bulleyana (Jeffrey ex Diels) G. L. Nesom [New Combination]
B.: *Aster bulleyanus* Jeffrey ex Diels
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Yunnan*)

Tibetiodies diplostephioides (DC.) G. L. Nesom [New Combination]
B.: *Heterochaeta diplostephioides* DC.
NESOM Guy L., *Tibetiodies* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [3]
CHINA (Gansu, Qinghai, Sichuan, Xizang, Yunnan); BHUTAN, INDIA, NEPAL, PAKISTAN

Tibetiodies farreri (W. W. Smith & Jeffrey) G. L. Nesom [New Combination]

B.: *Aster farreri* W. W. Smith & Jeffrey

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [4]

CHINA (Gansu, Hubei, Qinghai, Shanxi, Sichuan, Xizang*)

Tibetiodes farreri (W. W. Smith & Jeffrey) G. L. Nesom [Typification]

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [4]

CHINA (Gansu, Hubei, Qinghai, Shanxi, Sichuan, Xizang*)

Tibetiodes flaccida (Bunge) G. L. Nesom [New Combination]

B.: *Aster flaccidus* Bunge

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [4]

CHINA (Gansu, Hebei, Qinghai, Shaanxi, Shanxi, Sichuan, Xinjiang, Xizang, Yunnan); BHUTAN, INDIA, IRAN, KASHMIR, KAZAKHSTAN, MONGOLIA, NEPAL, PAKISTAN, RUSSIA*, UZBEKISTAN

Tibetiodes glandulosa (Keissl.) G. L. Nesom [New Combination]

B.: *Aster flaccidus* Bunge var. *glandulosus* Keissl.

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [4]

CHINA (Xizang*)

Tibetiodes himalaica (C. B. Clarke) G. L. Nesom [New Combination]

B.: *Aster himalaicus* C. B. Clarke

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Sichuan, Xizang, Yunnan); BHUTAN, INDIA*, MYANMAR, NEPAL

Tibetiodes himalaica (C. B. Clarke) G. L. Nesom [Typification]

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Sichuan, Xizang, Yunnan); BHUTAN, INDIA*, MYANMAR, NEPAL

Tibetiodes jeffreyana (Diels) G. L. Nesom [New Combination]

B.: *Aster jeffreyana* Diels

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Guizhou, Sichuan, Yunnan*)

Tibetiodes labrangensis (Hand.-Mazz.) G. L. Nesom [New Combination]

B.: *Aster labrangensis* Hand.-Mazz.

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Gansu, Qinghai, Sichuan, Xizang*)

Tibetiodes latibracteata (Franch.) G. L. Nesom [New Combination]

B.: *Aster latibracteata* Franch.

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Yunnan*); MYANMAR

Tibetiodes latisquamatum (C. E. C. Fisch.) G. L. Nesom [New Combination]

B.: *Doronicum latisquamatum* C. E. C. Fisch.

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [5]

CHINA (Xizang); INDIA*

Tibetiodes likiangensis (Franch.) G. L. Nesom [New Combination]

B.: *Aster likiangensis* Franch.

NESOM Guy L., *Tibetiodes* Nesom, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1-30. 2020 [6]

CHINA (Sichuan, Xizang, Yunnan*); BHUTAN

Tibetiodes likiangensis (Franch.) G. L. Nesom [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [6]

CHINA (Sichuan, Xizang, Yunnan*); BHUTAN

Tibetiodes lipskii (Komarov) G. L. Nesom [New Combination]

B.: *Aster lipskii* Komarov

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [6]

CHINA (Gansu, Qinghai)

Tibetiodes retusa (Ludlow) G. L. Nesom [New Combination]

B.: *Aster retusus* Ludlow

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [6]

CHINA (Xizang*)

Tibetiodes salwinensis (Onno) G. L. Nesom [New Combination]

B.: *Aster salwinensis* Onno

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [6]

CHINA (Sichuan, Xizang, Yunnan*); MYANMAR

Tibetiodes salwinensis (Onno) G. L. Nesom [Typification]

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [6]

CHINA (Sichuan, Xizang, Yunnan*); MYANMAR

Tibetiodes setchuenensis (Franch.) G. L. Nesom [New Combination]

B.: *Aster setchuenensis* Franch.

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [6]

CHINA (Sichuan*)

Tibetiodes stracheyi (Hook. f.) G. L. Nesom [New Combination]

B.: *Aster stracheyi* Hook. f.

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]

CHINA (Xizang); BHUTAN, INDIA*, NEPAL

Tibetiodes stracheyi (Hook. f.) G. L. Nesom [Typification]

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]

CHINA (Xizang); BHUTAN, INDIA*, NEPAL

Tibetiodes techinensis (Y. Ling) G. L. Nesom [New Combination]

B.: *Aster techinensis* Y. Ling

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]

CHINA (Yunnan*)

Tibetiodes tientschwanensis (Hand.-Mazz.) G. L. Nesom [New Combination]

B.: *Aster tientschwanensis* Hand.-Mazz.

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]

CHINA (Sichuan*)

Tibetiodes tsarungensis (Grierson) G. L. Nesom [New Combination]

B.: *Aster flaccidus* Bunge subsp. *tsarungensis* Grierson

NESOM Guy L., *Tibetiodes Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]

CHINA (Sichuan, Xizang*, Yunnan)

Tibetiodes yunnanensis (Franch.) G. L. Nesom [New Combination]

B.: *Aster yunnanensis* Franch.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

NESOM Guy L., *Tibetiodos Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]
CHINA (Yunnan*)

Tibetiodos yunnanensis (Franch.) G. L. Nesom [Typification]

NESOM Guy L., *Tibetiodos Nesom*, gen. nov. (Asteraceae: Astereae), including 27 Species of Himalayan Aster. *Phytoneuron* (63): 1–30. 2020 [7]
CHINA (Yunnan*)

Tricholepis tibetica Hook. f. & Thomson ex C. B. Clarke [Typification]

KAZEM Negaresh, Lectotypification of *Tricholepis eburnea* Rech. F. and *T. tibetica* Hook. F. & Thomson ex C.B. Clarke (Asteraceae). *Annales Botanici Fennici* 57 (1-3): 177-180. 2020 [177] doi: 10.5735/085.057.0124
CHINA (Xizang); INDIA*

Vickifunkia C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [New Name]

R.: *Ligularia* sect. *Stenostegia* Pojark.

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [748] doi: 10.1002/tax.12280
CHINA

Vickifunkia narynensis (C. Winkl.) C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [New Combination]

B.: *Senecio narynensis* C. Winkl.

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [749] doi: 10.1002/tax.12280
CHINA (Xinjiang); KYRGYZSTAN*

Vickifunkia schischkinii (Rubtz.) C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [New Combination]

B.: *Ligularia schischkinii* Rubtz.

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [749] doi: 10.1002/tax.12280
CHINA (Xinjiang); KAZAKHSTAN*

Vickifunkia songarica (Fisch.) C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [New Combination]

B.: *Senecio songaricus* Fisch.

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [749] doi: 10.1002/tax.12280
CHINA (Xinjiang); KAZAKHSTAN*

Vickifunkia thomsonii (C. B. Clarke) C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [New Combination]

B.: *Senecio thomsonii* C. B. Clarke

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [749] doi: 10.1002/tax.12280
CHINA (Xinjiang); INDIA

Vickifunkia thomsonii (C. B. Clarke) C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [Typification]

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [749] doi: 10.1002/tax.12280
CHINA (Xinjiang); INDIA

Vickifunkia tianschanica (Chang Y. Yang & S. L. Keng) C. Ren, Long Wang, I. D. Illar. & Q. E. Yang [New Combination]

B.: *Ligularia tianschanica* Chang Y. Yang & S. L. Keng

REN Chen, WANG Long, ILLARIONOVA Irina D., YANG Qin-er, Circumscription and Phylogenetic Position of *Ligularia* sect. *Stenostegia* (Asteraceae: Senecioneae) Based on Morphological, Cytological, and Molecular Phylogenetic Evidence. *Taxon* 69 (4): 739-755. 2020 [749] doi: 10.1002/tax.12280
CHINA (Xinjiang*)

Yonglingia G. L. Nesom [New Genus]

NESOM Guy L., *Yonglingia*, *Chaochienchangia*, and *Sinobouffordia* (Asteraceae: Astereae), New Genera Segregated from *Aster* in China. *Phytoneuron* (57): 1-25. 2020 [1]
CHINA

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Yonglingia hersileoides (C. K. Schneid.) G. L. Nesom [New Combination]

B.: *Aster hersileoides* C. K. Schneid.

NESOM Guy L., Yonglingia, Chaochienchangia, and Sinobouffordia (Asteraceae: Astereae), New Genera Segregated from Aster in China. *Phytoneuron* (57): 1-25. 2020 [2]

CHINA (Sichuan*)

Yonglingia nitida (C. C. Chang) G. L. Nesom [New Combination]

B.: *Aster nitidus* C. C. Chang

NESOM Guy L., Yonglingia, Chaochienchangia, and Sinobouffordia (Asteraceae: Astereae), New Genera Segregated from Aster in China. *Phytoneuron* (57): 1-25. 2020 [2]

CHINA (Chongqing*, Sichuan)

Balsaminaceae 凤仙花科

Impatiens bomiensis Y. Y. Cong & Y. C. Peng 波密凤仙花 [New Species] IUCN: NE; Evidence: ITS, atpB–rbcL; Morphology

PENG Yang-cheng, PENG Shuai, YANG Ning, XU Zhi-gao, CONG Yi-yan, *Impatiens bomiensis* (Balsaminaceae), a New Species from Xizang, China. *Nordic Journal of Botany* 38 (e02761): 1-5. 2020 [2] doi: 10.1111/njb.02761

CHINA (Xizang*)

Impatiens dasyvexilla Q. L. Gan & Xin W. Li [New Species] IUCN: NE; Evidence: Morphology

GAN Qi-liang, LI Xin-wei, *Impatiens dasyvexilla*, a New Species of *Impatiens* (Balsaminaceae) from Hubei, China. *Novon* 28 (4): 253-255. 2020 [253] doi: 10.3417/2020578

CHINA (Hubei*)

Impatiens gongchengensis Z. C. Lu, B. Pan & Yan Liu 恭城凤仙花 [New Species] IUCN: NE; Evidence: Morphology

LU Zhao-cen, PAN Bo, HUANG Fu-zhao, LIU Yan, *Impatiens gongchengensis* (Balsaminaceae), a New Species from Guangxi, Southern China. *Taiwania* 65 (1): 1-4. 2020 [1] doi: 10.6165/tai.2020.65.1

CHINA (Guangxi*)

Impatiens longipes Hook. f. & Thomson [Typification]

GOGOI Rajib, SHERPA Norbu, BORAH Souravjyoti, Taxonomic Note on *Impatiens longipes* (Balsaminaceae) and Description of the New Species *I. pseudolongipes*. *Phytotaxa* 429 (3): 217-224. 2020 [218] doi: 10.11646/phytotaxa.429.3.3

CHINA (Xizang); BHUTAN, INDIA*

Impatiens longlinensis S. X. Yu [New Species] IUCN: CR; Evidence: ITS, atpB–rbcL, trnL-F; Morphology

XUE Tian-tian, XIA Chang-ying, LIDÉN Magnus, XU Wei-bin, LU Zhao-cen, CHEN Hai-ling, LI Shu-wan, YU Sheng-xiang, Ignored Biodiversity in Acid Soil Islands in Karst Areas, South China: *Impatiens longlinensis* (Balsaminaceae), a New Critically Endangered Species. *Systematic Botany* 45 (4): 891-899. 2020 [894] doi: 10.1600/036364420X16033962925222

CHINA (Guangxi*)

Impatiens macrantha S. X. Yu & Ying Qin [New Species] IUCN: NE; Evidence: ITS, atpB–rbcL, trnL-F; Morphology

QIN Ying, XIA Chang-ying, YANG Xu-dong, TRIBOUN Pramote, SON Hoang Thanh, WU Xue-xue, PEI Zi-xin, YU Sheng-xiang, *Impatiens macrantha* (Balsaminaceae) sp. nov., a New Species from Limestone Areas in Guangxi, China. *Nordic Journal of Botany* 38 (e02784): 1-7. 2020 [2] doi: 10.1111/njb.02784

CHINA (Guangxi*)

Impatiens plicatisepala C. Y. Zou, Yan Liu & S. X. Yu 褶萼凤仙花 [New Species] IUCN: NE; Evidence: Morphology

ZOU Chun-yu, LIU Yan, LI Jin, YU Sheng-xiang, *Impatiens plicatisepala* (Balsaminaceae), a New Species from Guangxi, China. *Taiwania* 65 (4): 544-547. 2020 [544] doi: 10.6165/tai.2020.65.544

CHINA (Guangxi*)

Impatiens porrecta Wall. ex Hook. f. & Thomson 伸展凤仙花 [New Record]

ZHANG Cai-fei, PENG Shuai, TIAN Jing, HU Guang-wan, WANG Qing-feng, a New Species and a Newly Recorded Species of *Impatiens* (Balsaminaceae) from Yunnan, China. *Plant Science Journal* 38 (4): 437-447. 2020 [444] doi: 10.11913/PSJ.2095-0837.2020.40437

CHINA (Xizang, Yunnan); BANGLADESH*, INDIA, LAOS, MYANMAR, NEPAL

Impatiens pseudolongipes Gogoi, Sherpa & Borah [New Species] IUCN: NE; Evidence: Morphology

GOGOI Rajib, SHERPA Norbu, BORAH Souravjyoti, Taxonomic Note on *Impatiens longipes* (Balsaminaceae) and Description of the New Species *I. pseudolongipes*. *Phytotaxa* 429 (3): 217-224. 2020 [218] doi: 10.11646/phytotaxa.429.3.3

CHINA (Xizang*)

Impatiens quintadecimacopii G. W. Hu & Q. F. Wang 滇红凤仙花 [New Species] IUCN: NE; Evidence: ITS, atpB–rbcL; Morphology

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

ZHANG Cai-fei, PENG Shuai, TIAN Jing, HU Guang-wan, WANG Qing-feng, A New Species and a Newly Recorded Species of *Impatiens* (Balsaminaceae) from Yunnan, China. *Plant Science Journal* 38 (4): 437-447. 2020 [440] doi: 10.11913/PSJ.2095-0837.2020.40437

CHINA (Yunnan*)

Impatiens shenglanii Q. L. Gan & Xin W. Li [New Species] IUCN: NE; Evidence: ITS, atpB–rbcL, trnL-F; Morphology
GAN Qi-liang, KE Zun-wei, LI Xin-wei, *Impatiens shenglanii* (Balsaminaceae), a New Species from Central China and Its Phylogenetic Position. *Annales Botanici Fennici* 57 (4-6): 217-221. 2020 [218] doi: 10.5735/085.057.0404

CHINA (Hubei*)

Impatiens shiyomiensis Hareesh & M. Sabu [New Species] IUCN: NE; Evidence: Morphology
HAREESH Vadakkoot Sankaran, SABU Mamiyil, Two New Balsams (Balsaminaceae) from Eastern Himalayas, India. *Phytotaxa* 437 (5): 291-300. 2020 [294] doi: 10.11646/phytotaxa.437.5.3

CHINA (Xizang*)

Impatiens tirbinensis Hareesh & M. Sabu [New Species] IUCN: NE; Evidence: Morphology
HAREESH Vadakkoot Sankaran, SABU Mamiyil, Two New Balsams (Balsaminaceae) from Eastern Himalayas, India. *Phytotaxa* 437 (5): 291-300. 2020 [291] doi: 10.11646/phytotaxa.437.5.3

CHINA (Xizang*)

Impatiens tripetala Roxb. & DC. 三瓣凤仙花 [New Record]

ZHANG Qin-you, PENG Shuai, PENG Yang-cheng, CAI Xiu-zhen, CONG Yi-yan, *Impatiens tripetala* (Balsaminaceae), a New Record Species of *Impatiens* from China. *Plant Science Journal* 38 (3): 320-322. 2020 [321] doi: 10.11913/PSJ.2095-0837.2020.30320

CHINA (Yunnan); BHUTAN, INDIA

Impatiens wuyiensis Jian S. Wang, Y. F. Lu & X. F. Jin 武夷凤仙花 [New Species] IUCN: NE; Evidence: ITS, atpB–rbcL, trnL-F; Morphology

WANG Jian-sheng, LU Yi-fei, XU Yue-liang, JIN Shui-hu, JIN Xiao-feng, *Impatiens wuyiensis* (Balsaminaceae), a New Species from Fujian of Southeast China, Based on Morphological and Molecular Evidences. *Botanical Studies (Taipei)* 61 (29): 1-12. 2020 [3] doi: 10.1186/s40529-020-00306-1

CHINA (Fujian*)

Impatiens zhuxiensis Q. L. Gan & Xin W. Li [New Species] IUCN: NE; Evidence: ITS, atpB–rbcL, trnL-F; Morphology
GAN Qi-liang, LI Xin-wei, *Impatiens zhuxiensis* (Balsaminaceae), a New Species of Hubei, China. *Nordic Journal of Botany* 38 (e02686): 1-5. 2020 [2] doi: 10.1111/njb.02686

CHINA (Hubei*)

Begoniaceae 秋海棠科

Begonia aurora C. I Peng, Yan Liu & W. B. Xu 极光秋海棠 [New Species] IUCN: NE; Evidence: ndhA, ndhF–rpl32, rpl32–trnL; Morphology

LIU Yan, TSENG Yu-hsin, YANG Hsun-an, HU Ai-qun, XU Wei-bin, LIN Che-wei, KONO Yoshiko, CHANG Chiung-chih, PENG Ching-i, CHUNG Kuo-fang, Six New Species of *Begonia* from Guangxi, China. *Botanical Studies (Taipei)* 61 (21): 1-23. 2020 [3] doi: 10.1186/s40529-020-00298-y

CHINA (Guangxi*)

Begonia circumlobata Hance [New Synonyms]

S.: *Begonia lipingensis* Irmsch.

TIAN Dai-ke, XIAO Yan, LI Yan-ci, YAN Ke-jian, Several New Records, Synonyms, and Hybrid-origin of Chinese *Begonias*. *PhytoKeys* 153: 13-35. 2020 [18] doi: 10.3897/phytokeys.153.50805

CHINA (Guangdong*, Guizhou)

Begonia depingiana Y. H. Tan & H. B. Ding [New Species] IUCN: VU: D2; Evidence: Morphology

DING Hong-bo, GONG Yan-xiong, PAN Rui, LU Xiao-qiang, TAN Yun-hong, A New Tuberous Species of *Begonia* L. (Begoniaceae) from Southern Yunnan, China. *Phytotaxa* 474 (1): 81-86. 2020 [82] doi: 10.11646/phytotaxa.474.1.8

CHINA (Yunnan*)

Begonia dioica Buch.-Ham. ex D. Don 走茎秋海棠 [New Record]

TIAN Dai-ke, XIAO Yan, LI Yan-ci, YAN Ke-jian, Several New Records, Synonyms, and Hybrid-origin of Chinese *Begonias*. *PhytoKeys* 153: 13-35. 2020 [14] doi: 10.3897/phytokeys.153.50805

CHINA (Xizang); BHUTAN, INDIA, NEPAL, PAKISTAN

Begonia flagellaris H. Hara 鞭状秋海棠 [New Record]

TIAN Dai-ke, XIAO Yan, LI Yan-ci, YAN Ke-jian, Several New Records, Synonyms, and Hybrid-origin of Chinese *Begonias*. *PhytoKeys* 153: 13-35. 2020 [16] doi: 10.3897/phytokeys.153.50805

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Xizang); NEPAL

Begonia guangdongensis W. H. Tu, B. M. Wang & Yu L. Li [New Species] IUCN: CR: B2ab(iii); Evidence: Morphology
TU Wen-hui, WANG Bing-mou, HUANG Yi, YAO Gang, HUANG Jiu-xiang, LI Yu-ling, *Begonia guangdongensis*, a New Species of
Begonia (Begoniaceae) from Guangdong, China. *PhytoKeys* 162: 29-36. 2020 [30] doi: 10.3897/phytokeys.162.51913
CHINA (Guangdong*)

Begonia larvata C. I Peng, Yan Liu & W. B. Xu 果子狸秋海棠 [New Species] IUCN: NE; Evidence: ndhA, ndhF-rpl32, rpl32-trnL;
Morphology
LIU Yan, TSENG Yu-hsin, YANG Hsun-an, HU Ai-qun, XU Wei-bin, LIN Che-wei, KONO Yoshiko, CHANG Chiung-chih, PENG
Ching-i, CHUNG Kuo-fang, Six New Species of *Begonia* from Guangxi, China. *Botanical Studies (Taipei)* 61 (21): 1-23. 2020 [7]
doi: 10.1186/s40529-020-00298-y
CHINA (Guangxi*)

Begonia longiciliata C. Y. Wu [New Synonyms]
S.: *Begonia sizemoreae* Kiew (R. Kiew 5304, holotype: SING; isotype: HN)
TIAN Dai-ke, XIAO Yan, LI Yan-ci, YAN Ke-jian, Several New Records, Synonyms, and Hybrid-origin of Chinese *Begonias*.
PhytoKeys 153: 13-35. 2020 [21] doi: 10.3897/phytokeys.153.50805
CHINA (Guangxi, Guizhou*, Yunnan); LAOS, VIET NAM

Begonia longiornithophylla C. I Peng, W. B. Xu & Yan Liu 长茎鸟叶秋海棠 [New Species] IUCN: NE; Evidence: ndhA, ndhF-rpl32,
rpl32-trnL; Chromosome; Morphology
LIU Yan, TSENG Yu-hsin, YANG Hsun-an, HU Ai-qun, XU Wei-bin, LIN Che-wei, KONO Yoshiko, CHANG Chiung-chih, PENG
Ching-i, CHUNG Kuo-fang, Six New Species of *Begonia* from Guangxi, China. *Botanical Studies (Taipei)* 61 (21): 1-23. 2020 [10]
doi: 10.1186/s40529-020-00298-y
CHINA (Guangxi*)

Begonia lui S. M. Ku, C. I Peng & Yan Liu 陆氏秋海棠 [New Species] IUCN: NE; Evidence: ndhA, ndhF-rpl32, rpl32-trnL;
Morphology
LIU Yan, TSENG Yu-hsin, YANG Hsun-an, HU Ai-qun, XU Wei-bin, LIN Che-wei, KONO Yoshiko, CHANG Chiung-chih, PENG
Ching-i, CHUNG Kuo-fang, Six New Species of *Begonia* from Guangxi, China. *Botanical Studies (Taipei)* 61 (21): 1-23. 2020 [13]
doi: 10.1186/s40529-020-00298-y
CHINA (Guangxi*)

Begonia manhaoensis S. H. Huang & Y. M. Shui [New Synonyms]
S.: *Begonia naga* N. Krishna & Pradee
AUNG Aung, CHEN Wen-hong, SHUI Yu-min, *Begonia naga*, a Synonym of *B. manhaoensis* (Begoniaceae). *Phytotaxa* 429 (4): 297-
300. 2020 [297] doi: 10.11646/phytotaxa.429.4.4
CHINA (Yunnan*); INDIA

Begonia mengdongensis H. H. Xi 猛洞秋海棠 [New Species] IUCN: CR: B2b(iii, iv, v); C2a(i); Evidence: Morphology
XI Hui-hui, XIAO Si-yue, WANG Yi-qing, XIAO Bo, WANG Wen-guang, *Begonia mengdongensis*, a New Tuberous Species of
Begonia (Begoniaceae) from Southeastern Yunnan, China. *Nordic Journal of Botany* 38 (e02645): 1-7. 2020 [2] doi:
10.1111/njb.02645
CHINA (Yunnan*)

Begonia oyuniae Taram & N. Krishna [New Species] IUCN: NE; Evidence: Morphology
TARAM M., BORAH D., KRISHNA N., PRADEEP A. K., AMRUTHA A., HUGHES M., *Begonia oyuniae* (*Begonia* sect.
Monophyllon, Begoniaceae), a Remarkable New Species from Northeast India. *The Gardens' Bulletin Singapore* 72 (1): 109-115.
2020 [110] doi: 10.26492/gbs72(1).2020-10
CHINA (Xizang*)

Begonia puerensis W. G. Wang, X. D. Ma & J. Y. Shen 普洱秋海棠 [New Species] IUCN: EN: B2a; C2a(i); Evidence: Morphology
WANG Wen-guang, MA Xing-da, LI Ren-kun, SHI Ji-pu, ZHANG Shou-zhou, SHEN Jian-yong, *Begonia puerensis* sp. nov.
(Begoniaceae), a New Tuberous Species from Yunnan, China. *Nordic Journal of Botany* 38 (e02618): 1-6. 2020 [2] doi:
10.1111/njb.02618
CHINA (Yunnan*)

Begonia scabrifolia C. I Peng, Yan Liu & C. W. Lin 涩叶秋海棠 [New Species] IUCN: NE; Evidence: ndhA, ndhF-rpl32, rpl32-trnL;
Morphology
LIU Yan, TSENG Yu-hsin, YANG Hsun-an, HU Ai-qun, XU Wei-bin, LIN Che-wei, KONO Yoshiko, CHANG Chiung-chih, PENG
Ching-i, CHUNG Kuo-fang, Six New Species of *Begonia* from Guangxi, China. *Botanical Studies (Taipei)* 61 (21): 1-23. 2020 [16]
doi: 10.1186/s40529-020-00298-y
CHINA (Guangxi*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Begonia taliensis Gagnep. [New Synonyms]

S.: *Begonia muliensis* T. T. Yu

TIAN Dai-ke, XIAO Yan, LI Yan-ci, YAN Ke-jian, Several New Records, Synonyms, and Hybrid-origin of Chinese Begonias.

PhytoKeys 153: 13-35. 2020 [25] doi: 10.3897/phytokeys.153.50805

CHINA (Sichuan, Yunnan*)

Begonia taliensis Gagnep. [Typification]

TIAN Dai-ke, XIAO Yan, LI Yan-ci, YAN Ke-jian, Several New Records, Synonyms, and Hybrid-origin of Chinese Begonias.

PhytoKeys 153: 13-35. 2020 [25] doi: 10.3897/phytokeys.153.50805

CHINA (Sichuan, Yunnan*)

Begonia xishuangbannaensis W. G. Wang & Li J. Jiang [New Species] IUCN: NE; Evidence: Morphology

WANG Wen-guang, JIANG Li-ju, HE Kai-hong, SHI Ji-pu, SHEN Jian-yong, *Begonia xishuangbannaensis* (Begoniaceae), a New Tuberous Species from Yunnan, China. *Annales Botanici Fennici* 57 (4-6): 249-253. 2020 [249] doi: 10.5735/085.057.0409

CHINA (Yunnan*)

Begonia zhuoyuniae C. I Peng, Yan Liu & K. F. Chung 倬云秋海棠 [New Species] IUCN: NE; Evidence: ndhA, ndhF-rpl32, rpl32-trnL; Chromosome; Morphology

LIU Yan, TSENG Yu-hsin, YANG Hsun-an, HU Ai-qun, XU Wei-bin, LIN Che-wei, KONO Yoshiko, CHANG Chiung-chih, PENG Ching-i, CHUNG Kuo-fang, Six New Species of *Begonia* from Guangxi, China. *Botanical Studies (Taipei)* 61 (21): 1-23. 2020 [16] doi: 10.1186/s40529-020-00298-y

CHINA (Guangxi*)

Berberidaceae 小檗科

Berberis baiyuensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [140] doi: 9781935641186

CHINA (Sichuan*)

Berberis barkamensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [140] doi: 9781935641186

CHINA (Sichuan*)

Berberis basumchuensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [141] doi: 9781935641186

CHINA (Xizang*)

Berberis baxoiensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [142] doi: 9781935641186

CHINA (Xizang*)

Berberis biguensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [142] doi: 9781935641186

CHINA (Yunnan*)

Berberis bouffordii Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [144] doi: 9781935641186

CHINA (Qinghai*)

Berberis cornuta Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [164] doi: 9781935641186

CHINA (Xizang*)

Berberis dahaiensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [165] doi: 9781935641186

CHINA (Yunnan*)

Berberis degenensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [171] doi: 9781935641186

CHINA (Yunnan*)

Berberis difficilis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [176] doi: 9781935641186

CHINA (Sichuan*)

Berberis dulongjiangensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [180] doi: 9781935641186

CHINA (Yunnan*)

Berberis ebianensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [61] doi: 9781935641186

CHINA (Sichuan*)

Berberis elliptifolia Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [180] doi: 9781935641186

CHINA (Qinghai*)

Berberis emeishanensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [181] doi: 9781935641186

CHINA (Sichuan*)

Berberis epedicellata Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [182] doi: 9781935641186

CHINA (Sichuan*)

Berberis exigua Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [184] doi: 9781935641186

CHINA (Yunnan*)

Berberis gaoshanensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [188] doi: 9781935641186

CHINA (Sichuan*)

Berberis gongshanensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [192] doi: 9781935641186

CHINA (Yunnan*)

Berberis gyaitangensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [192] doi: 9781935641186

CHINA (Yunnan*)

Berberis heishuiensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [194] doi: 9781935641186

CHINA (Sichuan*)

Berberis hubianensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [199] doi: 9781935641186

CHINA (Yunnan*)

Berberis kangwuensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [208] doi: 9781935641186

CHINA (Sichuan*)

Berberis lhunzensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [213] doi: 9781935641186

CHINA (Xizang*)

Berberis lhunzhubensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [214] doi: 9781935641186

CHINA (Xizang*)

Berberis lixianensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [215] doi: 9781935641186

CHINA (Sichuan*)

Berberis longipedicellata Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [215] doi: 9781935641186

CHINA (Sichuan*)

Berberis mabiluoensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [217] doi: 9781935641186

CHINA (Yunnan*)

Berberis markamensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [218] doi: 9781935641186

CHINA (Xizang*)

Berberis monticola Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [223] doi: 9781935641186

CHINA (Yunnan*)

Berberis nanifolia Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [227] doi: 9781935641186

CHINA (Yunnan*)

Berberis ngawaica Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [228] doi: 9781935641186

CHINA (Sichuan*)

Berberis ninglangensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [229] doi: 9781935641186

CHINA (Yunnan*)

Berberis nujiangensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [92] doi: 9781935641186

CHINA (Xizang*)

Berberis nyingchiensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [229] doi: 9781935641186

CHINA (Xizang*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Berberis pluvisylvatica Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [234] doi: 9781935641186
CHINA (Xizang*)

Berberis polybotrys Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [235] doi: 9781935641186
CHINA (Yunnan*)

Berberis pratensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [238] doi: 9781935641186
CHINA (Sichuan*)

Berberis pruinifolia Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [240] doi: 9781935641186
CHINA (Sichuan*)

Berberis purpureocaulis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [243] doi: 9781935641186
CHINA (Sichuan*)

Berberis qamdoensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [243] doi: 9781935641186
CHINA (Xizang*)

Berberis qinghaiensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [245] doi: 9781935641186
CHINA (Qinghai*)

Berberis saltuensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [248] doi: 9781935641186
CHINA (Sichuan*)

Berberis saxatilis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [249] doi: 9781935641186
CHINA (Yunnan*)

Berberis scribthalis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [249] doi: 9781935641186
CHINA (Yunnan*)

Berberis taoensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [257] doi: 9781935641186
CHINA (Gansu*)

Berberis tengchongensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [259] doi: 9781935641186
CHINA (Yunnan*)

Berberis tengii Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [111] doi: 9781935641186
CHINA (Guizhou*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Berberis tenuispina Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [260] doi: 9781935641186
CHINA (Yunnan*)

Berberis tianchiensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [262] doi: 9781935641186
CHINA (Yunnan*)

Berberis wenchuanensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [273] doi: 9781935641186
CHINA (Sichuan*)

Berberis wui Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [117] doi: 9781935641186
CHINA (Yunnan*)

Berberis xiangchengensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [280] doi: 9781935641186
CHINA (Sichuan*)

Berberis xiaozhongdianensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [280] doi: 9781935641186
CHINA (Yunnan*)

Berberis yaanica Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [281] doi: 9781935641186
CHINA (Sichuan*)

Berberis yalongensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [281] doi: 9781935641186
CHINA (Sichuan*)

Berberis yanyuanensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [282] doi: 9781935641186
CHINA (Sichuan*)

Berberis yarigongensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [282] doi: 9781935641186
CHINA (Sichuan*)

Berberis yingii Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [283] doi: 9781935641186
CHINA (Sichuan*)

Berberis yingjunshengii Harber [New Name]

R.: *Berberis yingii* Harber

HARBER Julian, *Berberis yingjunshengii*, a New Name for *B. yingii* (Berberidaceae). *Novon* 28 (3): 179-179. 2020 [179] doi: 10.3417/2020613
CHINA (Sichuan*)

Berberis yulongshanensis Harber [New Species] IUCN: NE; Evidence: Morphology

HARBER Julian, The Berberis of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [284] doi: 9781935641186
CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Berberis yushuensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The *Berberis* of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [286] doi: 9781935641186
CHINA (Qinghai*)

Berberis zhaoui Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The *Berberis* of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [287] doi: 9781935641186
CHINA (Yunnan*)

Berberis zhenxiongensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The *Berberis* of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [122] doi: 9781935641186
CHINA (Yunnan*)

Berberis zhongdianensis Harber [New Species] IUCN: NE; Evidence: Morphology
HARBER Julian, The *Berberis* of China and Vietnam, a Revision. *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 1-360. 2020 [288] doi: 9781935641186
CHINA (Yunnan*)

Betulaceae 桦木科

Carpinus gigabracteatus Z. Qiang Lu 大苞鹅耳枥 [New Species] IUCN: CR; Evidence: Morphology
LU Zhi-qiang, *Carpinus gigabracteatus*, a New Species from Southeast Yunnan, China. *PhytoKeys* 145: 47-56. 2020 [50] doi: 10.3897/phytokeys.145.49488
CHINA (Yunnan*)

Blepharostomataceae 睫毛苔科

Blepharostoma neglecta Vilnet & Bakalin [New Species] IUCN: NE; Evidence: ITS1-2, trnL-F; Morphology
BAKALIN Vadim A. VILNET Anna A, CHOI Seung Se, NGUYEN Van Sinh, *Blepharostoma trichophyllum* S.L. (Marchantiophyta): The Complex of Sibling Species and Hybrids. *Plants* 9 (1423): 1-26. 2020 [22] doi: 10.3390/plants9111423
CHINA (Sichuan, Yunnan); RUSSIA*

Boraginaceae 紫草科

Euploca marifolia (J. Koenig ex Retz.) Ancy & P. Javad [New Combination]
B.: *Heliotropium marifolium* J. Koenig ex Retz.
ANTONY Anna Ancy, JAVAD P., The *Heliotropium marifolium* Complex in India and Five New Combinations in *Euploca* (Heliotropiaceae) from H. sect. *Orthostachys* (Boraginaceae s.l.). *Nordic Journal of Botany* 38 (e02913): 1-6. 2020 [2] doi: 10.1111/njb.02913
CHINA (Hainan); INDIA, MALAYA, PAKISTAN, SRI LANKA, THAILAND

Omphalotrigonotis taishunensis Shao Z. Yang, W. W. Pan & J. P. Zhong 泰顺皿果草 [New Species] IUCN: NE; Evidence: Morphology
YANG Shao-zong, PAN Wen-wen, LIU Xi, WANG Jun-feng, SUN Xiao-xia, DING Bing-yang, *Omphalotrigonotis taishunensis*, a New Species of Boraginaceae from Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 258-260. 2020 [258] doi: 10.12191/j.issn.1674-232X.2020.03.007
CHINA (Zhejiang*)

Onosma fuyunensis Yi He & Q. R. Liu [New Species] IUCN: LC; Evidence: Morphology
HE Yi, XU Xue-min, ZHOU Yu, LIU Quan-ru, *Onosma fuyunensis* (Boraginaceae), a New Species from Xinjiang, China. *PhytoKeys* 144: 11-22. 2020 [13] doi: 10.3897/phytokeys.144.33287
CHINA (Xinjiang*)

Onosma wardii (W. W. Sm.) I. M. Johnst. [New Synonyms]
S.: *Onosma mertensoides* I. M. Johnst.; *Onosma tenuicaulis* Riedl; *Onosma zayuensis* Y. L. Liu; *Onosma xiangchengensis* W. T. Wang
HE Yi, LIU Dan-hui, HUANG Ti-ran, LIU Quan-ru, Taxonomic Notes on *Onosma wardii* (Boraginaceae) from Southwestern China. *Phytotaxa* 433 (4): 277-287. 2020 [285] doi: 10.11646/phytotaxa.433.4.3
CHINA (Sichuan, Xizang, Yunnan*)

Trigonotis motuoensis Q. R. Liu & Xue M. Xu [New Species] IUCN: LC; Evidence: nrITS; Morphology
XU Xue-min, LIU Dan-hui, HE Yi, LIU Quan-ru, *Trigonotis motuoensis* (Boraginaceae), a New Species from Xizang, China. *Phytotaxa* 461 (4): 233-242. 2020 [237] doi: 10.11646/phytotaxa.461.4.1

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Xizang*)

Burmanniaceae 水玉簪科

Burmannia decurrens Xiao Juan Li & D. X. Zhang [New Species] IUCN: LC; Evidence: nrDNA; Morphology

LI Xiao-juan, ZHANG Kai, QIAN Xin, WU Ming-song, ZHANG Dian-xiang, *Burmannia decurrens* (Burmanniaceae), a New Mycoheterotrophic Species from Southwestern Guangdong, China. *Nordic Journal of Botany* 38 (e02718): 1-6. 2020 [3] doi: 10.1111/njb.02718

CHINA (Guangdong*)

Thismia jianfenglingensis Han Xu, H. J. Yang & S. Q. Fang 尖峰水玉杯 [New Species] IUCN: NE; Evidence: Morphology

XU Han, YANG Hai-jun, LIN Ming-xian, CORRALES Adriana, HOGAN James Aaron, LI Yi-de, FANG Su-qin, *Thismia jianfenglingensis* (Thismiaceae), a New Species of Fairy Lantern from Hainan Island, China. *Phytotaxa* 429 (2): 179-185. 2020 [180] doi: 10.11646/phytotaxa.429.2.9

CHINA (Hainan*)

Buxaceae 黄杨科

Buxus harlandii Hance 匙叶黄杨 [Correction]

A.: *Buxus bodinieri* auct. non. H. Lévl.: Z. Wei & Y. B. Zhang in Z. Wei & Y. Q. He, Fl. Zhejiang 3: 497. 1993

CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [96] doi: 10.12191/j.issn.1674-232X.2020.06.014

CHINA (Zhejiang)

Cactaceae 仙人掌科

Opuntia cespitosa Raf. 二色仙人掌 [New Record]

LI Xin-hua, ZHOU Wen, GUO Jia-cheng, JIA Shuang, HUANG Si-yu, *Opuntia cespitosa* Rafinesque, a New Naturalized Species of Cactaceae from China. *Journal of Tropical and Subtropical Botany* 28 (2): 192-196. 2020 [193] doi: 10.11926/jtsb.4168

CHINA (Jiangsu); UNITED STATES*

Cannabaceae 大麻科

Cannabis sativa L. var. *afghanica* (Vavilov) McPartl. & E. Small [New Combination]

B.: *Cannabis sativa* L. f. *afghanica* Vavilov

MCPARTLAND John M., SMALL Ernest, A Classification of Endangered High-THC Cannabis (*Cannabis sativa* subsp. *indica*) Domesticates and Their Wild Relatives. *PhytoKeys* 144: 81-112. 2020 [97] doi: 10.3897/phytokeys.144.46700

CHINA (Xinjiang); AFGHANISTAN*

Caprifoliaceae 忍冬科

Acanthocalyx delavayi (Franch.) M. J. Cannon [Typification]

MU Qi-yong, YU Chih-chieh, XING Yao-wu, Notes on the Type Specimen of *Acanthocalyx delavayi* (Caprifoliaceae) at Herbarium of the National Museum of Natural History in Paris (P). *Phytotaxa* 451 (1): 90-92. 2020 [90] doi: 10.11646/phytotaxa.451.1.9

CHINA (Yunnan*)

Lonicera omissa P. L. Chiu, Z. H. Chen & Y. L. Xu 无毛忍冬 [New Species] IUCN: NE; Evidence: Morphology

LIU Ju-lian, XU Yue-liang, CHEN Feng, XIE Wen-yuan, CHEN Zheng-hai, A New Species of *Lonicera* L. from the Southeast of China. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 253-257. 2020 [253] doi: 10.12191/j.issn.1674-232X.2020.03.006

CHINA (Zhejiang*)

Caryophyllaceae 石竹科

Pseudostellaria heterantha (Maxim.) Pax 异花孩儿参 [New Synonyms]

S.: *Pseudostellaria tianmushanensis* G. H. Xia & G. Y. Li

XIE Wen-yuan, CHEN Feng, ZHANG Fen-yao, XU Shao-qing, CHEN Zheng-hai, Correction and Supplement of the Seed Plant Flora in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 247-252. 2020 [247] doi: 10.12191/j.issn.1674-232X.2020.03.005

CHINA (Zhejiang); JAPAN*

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Shivparvatia glanduligera (Edgew.) Pusalkar & D. K. Singh [Typification]

XUE Bin-e, WANG Long-yuan, YAO Gang, Re-lectotypification of *Shivparvatia glanduligera*, the Type of the Genus *Shivparvatia* (Alsineae, Caryophyllaceae). *PhytoKeys* 166: 129-134. 2020 [133] doi: 10.3897/phytokeys.166.58710

CHINA (Xizang); INDIA, NEPAL

Silene ohwii T. C. Hsu, C. K. Liao & S. W. Chung [New Name]

R.: *Melandrium nubigenum* Ohwi

HSU Tian-chuan, LIAO Chun-kuei, CHUNG Shih-wen, HUANG Wei-jie, *Silene ohwii* (Caryophyllaceae), a Replaced Name for *Melandrium nubigenum*. *Phytotaxa* 432 (3): 296-300. 2020 [296] doi: 10.11646/phytotaxa.432.3.7

CHINA (Taiwan*)

Silene ohwii T. C. Hsu, C. K. Liao & S. W. Chung [Typification]

HSU Tian-chuan, LIAO Chun-kuei, CHUNG Shih-wen, HUANG Wei-jie, *Silene ohwii* (Caryophyllaceae), a Replaced Name for *Melandrium nubigenum*. *Phytotaxa* 432 (3): 296-300. 2020 [296] doi: 10.11646/phytotaxa.432.3.7

CHINA (Taiwan*)

Stellaria amplexicaulis (Hand.-Mazz.) Huan C.Wang & Feng Yang [New Combination]

B.: *Stellaria saxatilis* Buch.-Ham. ex D. Don var. *amplexicaulis* Hand.-Mazz.

YANG Feng, LIU Xiao-lan, LI Yu-ran, Tian ye, WANG Huan-chong, *Stellaria procumbens* sp. nov. and *S. amplexicaulis* comb. & stat. nov. (Caryophyllaceae) from Southwest China. *Phytotaxa* 435 (2): 192-202. 2020 [197] doi: 10.11646/phytotaxa.435.2.6

CHINA (Sichuan*, Yunnan)

Stellaria amplexicaulis (Hand.-Mazz.) Huan C.Wang & Feng Yang [Typification]

YANG Feng, LIU Xiao-lan, LI Yu-ran, Tian ye, WANG Huan-chong, *Stellaria procumbens* sp. nov. and *S. amplexicaulis* comb. & stat. nov. (Caryophyllaceae) from Southwest China. *Phytotaxa* 435 (2): 192-202. 2020 [197] doi: 10.11646/phytotaxa.435.2.6

CHINA (Sichuan*, Yunnan)

Stellaria depressa Schmid [Typification]

WANG Wen-qiao, SU Zhi-wei, MA Zhong-hui, Lectotypification of Five Names in the Genus *Stellaria* (Caryophyllaceae) in China. *PhytoKeys* 170: 71-81. 2020 [72] doi: 10.3897/phytokeys.175.59527

CHINA (Xinjiang*)

Stellaria ebracteata Kom. [Typification]

WANG Wen-qiao, SU Zhi-wei, MA Zhong-hui, Lectotypification of Five Names in the Genus *Stellaria* (Caryophyllaceae) in China. *PhytoKeys* 170: 71-81. 2020 [75] doi: 10.3897/phytokeys.175.59527

CHINA (Heilongjiang); KOREA*

Stellaria filicaulis Makino [Typification]

WANG Wen-qiao, SU Zhi-wei, MA Zhong-hui, Lectotypification of Five Names in the Genus *Stellaria* (Caryophyllaceae) in China. *PhytoKeys* 170: 71-81. 2020 [75] doi: 10.3897/phytokeys.175.59527

CHINA (Hebei, Heilongjiang, Jilin, Liaoning, Nei Mongol, Shanxi); JAPAN*, KOREA

Stellaria multipartita Bo Xu bis & Meng Li [New Species] IUCN: DD; Evidence: ITS; Morphology

SONG Yan-feng, LI Meng, XU Bo, CHEN Shui-fei, CHEN Lin, XIE Chun-ping, *Stellaria multipartita* (Caryophyllaceae), a New Species from Chongqing, China. *Phytotaxa* 442 (3): 196-204. 2020 [198] doi: 10.11646/phytotaxa.442.3.5

CHINA (Chongqing*)

Stellaria pentastyla W. Q. Wang, Han F. Xu & Z. H. Ma [New Species] IUCN: DD; Evidence: ITS, trnL-F, matK; Morphology

WANG Wen-qiao, XU Han-feng, SHEN Kang-long, SU Zhi-wei, MA Zhong-hui, *Stellaria pentastyla* (Caryophyllaceae), a New Species from Yunnan (China). *Phytotaxa* 435 (1): 69-75. 2020 [71] doi: 10.11646/phytotaxa.435.1.9

CHINA (Yunnan*)

Stellaria procumbens Huan C. Wang & Feng Yang [New Species] IUCN: NE; Evidence: Morphology

YANG Feng, LIU Xiao-lan, LI Yu-ran, Tian ye, WANG Huan-chong, *Stellaria procumbens* sp. nov. and *S. amplexicaulis* comb. & stat. nov. (Caryophyllaceae) from Southwest China. *Phytotaxa* 435 (2): 192-202. 2020 [195] doi: 10.11646/phytotaxa.435.2.6

CHINA (Sichuan, Yunnan*)

Stellaria pusilla Schmid [Typification]

WANG Wen-qiao, SU Zhi-wei, MA Zhong-hui, Lectotypification of Five Names in the Genus *Stellaria* (Caryophyllaceae) in China. *PhytoKeys* 170: 71-81. 2020 [79] doi: 10.3897/phytokeys.175.59527

CHINA (Xizang*)

Stellaria yunnanensis Franch. [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

WANG Wen-qiao, SU Zhi-wei, MA Zhong-hui, Lectotypification of Five Names in the Genus *Stellaria* (Caryophyllaceae) in China. *PhytoKeys* 170: 71-81. 2020 [72] doi: 10.3897/phytokeys.175.59527
CHINA (Yunnan*)

Celastraceae 卫矛科

Parnassia nubicola Wall. ex Royle [New Synonyms]

S.: *Parnassia tibetana* C. P. Tsien ex T. C. Ku; *Parnassia nubicola* Wall. subsp. *occidentalis* Schönbeck-Temesy; *Parnassia nubicola* Wall. var. *nana* T. C. Ku

MA Yong-hong, ZHOU Han-lu, SHU Yu-min, Taxonomic Note on *Parnassia* (Celastraceae): the Identity of *P. nubicola*. *PhytoKeys* 154: 103-109. 2020 [105] doi: 10.3897/phytokeys.154.54042

CHINA (Xizang, Yunnan); NEPAL*

Salacia malipoensis X. D. Ma & J. Y. Shen [New Species] IUCN: NE; Evidence: Morphology

MA Xing-da, WANG Wen-guang, SHI Ji-pu, SHEN Jian-yong, *Salacia malipoensis* (Celastraceae), a New Species from Yunnan, China. *Annales Botanici Fennici* 57 (1-3): 109-113. 2020 [110] doi: 10.5735/085.057.0115

CHINA (Yunnan*)

Combretaceae 使君子科

Combretum densiflorum (Wall. ex Planch. & Miq.) I. M. Turner [New Combination]

B.: *Quisqualis densiflora* Wall. ex Planch. & Miq.

MAURIN Olivier, TURNER Ian M., BOATWRIGHT James S., CHRISTENHUSZ Maarten J. M., New Combinations in Combretaceae subtribe Combretinae from Africa and Asia. *Phytotaxa* 451 (3): 231-237. 2020 [233] doi: 10.11646/phytotaxa.451.3.6

CHINA (Yunnan); MALAYSIA*

Combretum densiflorum (Wall. ex Planch. & Miq.) I. M. Turner [Typification]

MAURIN Olivier, TURNER Ian M., BOATWRIGHT James S., CHRISTENHUSZ Maarten J. M., New Combinations in Combretaceae subtribe Combretinae from Africa and Asia. *Phytotaxa* 451 (3): 231-237. 2020 [233] doi: 10.11646/phytotaxa.451.3.6

CHINA (Yunnan); MALAYSIA*

Quisqualis grandiflora Miq. [Typification]

MAURIN Olivier, TURNER Ian M., BOATWRIGHT James S., CHRISTENHUSZ Maarten J. M., New Combinations in Combretaceae subtribe Combretinae from Africa and Asia. *Phytotaxa* 451 (3): 231-237. 2020 [233] doi: 10.11646/phytotaxa.451.3.6

CHINA ([unclear])

Quisqualis sinensis Lindl. [Typification]

MAURIN Olivier, TURNER Ian M., BOATWRIGHT James S., CHRISTENHUSZ Maarten J. M., New Combinations in Combretaceae subtribe Combretinae from Africa and Asia. *Phytotaxa* 451 (3): 231-237. 2020 [233] doi: 10.11646/phytotaxa.451.3.6

CHINA ([unclear])

Commelinaceae 鸭跖草科

Commelina erecta L. 直立鸭跖草 [New Record]

CHEN Po-hao, CHUNG An-ching, WANG Chih-chiang, YANG Sheng-zehn, *Commelina erecta* L. (Commelinaceae), a Newly Naturalized Species in Taiwan. *Taiwan Journal of Biodiversity* 22 (2): 151-158. 2020 [153]

CHINA (Taiwan); [AMERICA]

Cornaceae 山茱萸科

Alangium confertiflorum Y. H. Tan & H. B. Ding 密花八角枫 [New Species] IUCN: EN: B2ab(i, ii, iii, iv); Evidence: Morphology

DING Hong-bo, YANG Bin, WANG Ping-yuan, GAN Zhong-li, YAN Guang, LU Xiao-qiang, TAN Yun-hong, *Alangium confertiflorum*, a New Species of *Alangium* sect. *Alangium* (Cornaceae) from China-Laos Transboundary Region. *Taiwania* 65 (4): 517-520. 2020 [517] doi: 10.6165/tai.2020.65.517

CHINA (Yunnan*); LAOS

Crassulaceae 景天科

Phedimus yangshanicus Z. Chao [New Species] IUCN: NE; Evidence: ITS; Morphology

CHAO Zhi, *Phedimus yangshanicus* (Crassulaceae), a New Species from Limestone Hills in Guangdong, China. *Phytotaxa* 429 (2): 148-156. 2020 [153] doi: 10.11646/phytotaxa.429.2.5

CHINA (Guangdong*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Rhodiola humilis (Hook. f. & Thomson) S. H. Fu var. *jialiensis* Hao Wang, X. Z. Lan & H. P. Deng 嘉黎红景天 [New Variety]
WANG Hao, LAN Xiao-zhong, DENG Hong-ping, A New Variety of *Rhodiola* in Tibet —— *Rhodiola humilis* (HK. f. et Thoms.) S. H. Fu var. *jialiensis* H. Wang, X. Z. Lan & H. P. Deng. *Acta Botanica Boreali-Occidentalia Sinica* 40 (1): 174-180. 2020 [175] doi: 10.7606/j.issn.1000-4025.2020.01.0174
CHINA (Xizang)

Sedum nanlingense Yan Liu & C. Y. Zou [New Species] IUCN: NE; Evidence: ITS; Morphology
ZOU Chun-yu, MENG Shi-yong, LU Zhao-cen, LIU Yan, *Sedum nanlingense* (Crassulaceae), a New Species from Guangxi, China. *Phytotaxa* 447 (3): 176-184. 2020 [183] doi: 10.11646/phytotaxa.447.3.3
CHINA (Guangxi*)

Cucurbitaceae 葫芦科

Trichosanthes glandulosa G. Q. Zhu, H. Z. Peng & X. H. Liu 腺栝楼 [New Species] IUCN: NE; Evidence: Morphology
ZHU Guang-quan, PENG Hua-zheng, LIU Xin-hong, *Trichosanthes glandulosa*, a New Species of *Trichosanthes* L. *Journal of Zhejiang Forestry Science and Technology* 40 (3): 91-94. 2020 [91] doi: 10.3969/j.issn.1001-3776.2020.04.016
CHINA (Zhejiang*)

Cupressaceae 柏科

Cupressus × *wangii* J. Hoch, Maerki & Rushforth [New Nothospecies]
H.: *Cupressus fallax* Franco × *Cupressus funebris* Endl.
HOCH J., MAERKI D., About *Cupressus jiangensis* N. Zhao. *Bulletin of the Cupressus Conservation Project* 9 (2): 15-22. 2020 [20]
CHINA ([unclear])

Cupressus fallax Franco [New Synonyms]
S.: *Cupressus jiangensis* N. Chao; *Cupressus chengiana* S. Y. Hu var. *jiangensis* (N. Chao) Silba; *Cupressus chengiana* S. Y. Hu subsp. *jiangensis* (N. Chao) Silba
HOCH J., MAERKI D., About *Cupressus jiangensis* N. Zhao. *Bulletin of the Cupressus Conservation Project* 9 (2): 15-22. 2020 [18]
CHINA (Sichuan)

Cupressus gansuensis Maerki & J. Hoch [New Species] IUCN: NE; Evidence: RAPD; Morphology
HOCH J., MAERKI D., Taxonomy of the Cupresses of Sichuan and Gansu. *Bulletin of the Cupressus Conservation Project* 9 (1): 3-12. 2020 [4]
CHINA (Gansu*)

Juniperus pingii W. C. Cheng [Typification]
YANG Yong, HOCH Jean, Typification of *Juniperus pingii* W. C. Cheng (Cupressaceae). *PhytoKeys* 170: 39-43. 2020 [42] doi: 10.3897/phytokeys.170.59775
CHINA (Sichuan*)

Cyatheaceae 桫欏科

Gymnosphaera bonii (Christ) S. Y. Dong 结脉黑桫欏 [New Combination]
B.: *Cyathea bonii* Christ
DONG Shi-yong, ZUO Zheng-yu, XIAO Yong, HUANG Ling, PHAM Van The, PHAN Ke Loc, KANG Ming, A Contribution to *Gymnosphaera* (Cyatheaceae) in Mainland Asia: Two New Species, Reinstatement of *Cyathea bonii*, and Their Phylogenetic Positions. *Journal of Systematics and Evolution* 10.1111/jse.12679: 1-12. 2020 [10] doi: 10.1111/jse.12679
CHINA (Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hongkong, Yunnan); VIET NAM*

Gymnosphaera henryi (Baker) S. R. Ghosh [Typification]
DONG Shi-yong, HAQUE A.K.M. Kamrul, RAHMAN Mohammad Sayedur, The True Identity of the *Gymnosphaera gigantea* (Cyatheaceae) in China. *Phytotaxa* 449 (1): 15-22. 2020 [18] doi: 10.11646/phytotaxa.449.1.2
CHINA (Guangdong, Guangxi, Hainan, Yunnan*); LAOS, MYANMAR, VIETNAM
Gymnosphaera saxicola S. Y. Dong & Z. Y. Zuo 岩生黑桫欏 [New Species] IUCN: NE; Evidence: rbcL, rbcL-accD, rbcL-atpB, trnG-trnR, trnL-trnF; Morphology
DONG Shi-yong, ZUO Zheng-yu, XIAO Yong, HUANG Ling, PHAM Van The, PHAN Ke Loc, KANG Ming, a Contribution to *Gymnosphaera* (Cyatheaceae) in Mainland Asia: Two New Species, Reinstatement of *Cyathea bonii*, and Their Phylogenetic Positions. *Journal of Systematics and Evolution* 10.1111/jse.12679: 1-12. 2020 [9] doi: 10.1111/jse.12679
CHINA (Yunnan*)

Cyperaceae 莎草科

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Carex austrosibirica Melnikov [New Name]

R.: *Elyna filifolia* Turcz.

MELNIKOV D. G., KRUPKINA L. I., Transfer of the Kobresia Taxa of the Flora of Russia and Adjacent Countries to the Genus Carex (Cyperaceae). *Novosti Sistematiki Vysshikh Rastenii* 51 (1): 125-129. 2020 [127] doi: 10.31111/novitates/2020.51.125

CHINA (Gansu, Hebei, Nei Mongol, Shanxi); RUSSIA

Carex caucasigena Melnikov [New Name]

R.: *Elyna schoenoides* C. A. Mey

MELNIKOV D. G., KRUPKINA L. I., Transfer of the Kobresia Taxa of the Flora of Russia and Adjacent Countries to the Genus Carex (Cyperaceae). *Novosti Sistematiki Vysshikh Rastenii* 51 (1): 125-129. 2020 [127] doi: 10.31111/novitates/2020.51.125

CHINA (Gansu, Qinghai, Sichuan, Xinjiang, Xizang, Yunnan); AFGHANISTAN, BHUTAN, INDIA, KAZAKHSTAN, KYRGYZSTAN, MONGOLIA, NEPAL, PAKISTAN, RUSSIA, TAJIKISTAN, UZBEKISTAN

Carex delavayi Franch. [Typification]

LU Yi-fei, JIN Shui-hu, JIN Xiao-feng, Lectotypification of the Name Carex delavayi (Cyperaceae). *Phytotaxa* 441 (1): 105-107. 2020 [105] doi: 10.11646/phytotaxa.441.1.11

CHINA (Yunnan*)

Carex iranica Melnikov [New Name]

R.: *Kobresia persica* Kük. & Bornm.

MELNIKOV D. G., KRUPKINA L. I., Transfer of the Kobresia Taxa of the Flora of Russia and Adjacent Countries to the Genus Carex (Cyperaceae). *Novosti Sistematiki Vysshikh Rastenii* 51 (1): 125-129. 2020 [127] doi: 10.31111/novitates/2020.51.125

CHINA (Xizang); INDIA, NEPAL

Carex ledongensis H. B. Yang & G. D. Liu 乐东藁草 [New Species] IUCN: NE; Evidence: Morphology

YANG Hu-biao, LIU Guo-dao, Carex ledongensis (Cyperaceae), a New Sedge from Hainan Isl. of South China. *Phytotaxa* 461 (2): 72-78. 2020 [72] doi: 10.11646/phytotaxa.461.2.1

CHINA (Hainan*)

Carex pingleensis Z. C. Lu, Y. F. Lu & X. F. Jin 平乐藁草 [New Species] IUCN: DD; Evidence: Morphology

LU Zhao-cen, SU Yu-lan, LU Yi-fei, JIN Xiao-feng, Carex pingleensis (Carex sect. Mitratae), a New Species of Cyperaceae from Guangxi, China. *Taiwania* 65 (3): 391-395. 2020 [391] doi: 10.6165/tai.2020.65.391

CHINA (Guangxi*)

Carex retrofracta Kük. subsp. *glabrifolia* Y. F. Lu, Hong Wang & X. F. Jin [New Subspecies]

JIN Xiao-feng, LIU Yong-di, LU Yi-fei, SUN Wen-yan, WANG Hong, Notes on Carex (Cyperaceae) from China (VI): the Identity of Carex retrofracta Kük. (sect. Confertiflorae). *Phytotaxa* 429 (2): 135-147. 2020 [144] doi: 10.11646/phytotaxa.429.2.4

CHINA (Guangxi, Hunan*)

Carex retrofracta Kük. subsp. *retrofracta* [New Synonyms]

S.: *Carex purpureotincta* Ohwi; *Carex haematorrhyncha* Ohwi & T. Koyama; *Carex purpureotincta* Ohwi var. *sphaerocarpa* Ohwi ex T. Koyama; *Carex xiangxiensis* Z. P. Wang

JIN Xiao-feng, LIU Yong-di, LU Yi-fei, SUN Wen-yan, WANG Hong, Notes on Carex (Cyperaceae) from China (VI): the Identity of Carex retrofracta Kük. (sect. Confertiflorae). *Phytotaxa* 429 (2): 135-147. 2020 [142] doi: 10.11646/phytotaxa.429.2.4

CHINA (Anhui, Guizhou, Hubei, Hunan, Sichuan, Taiwan, Zhejiang*)

Carex tsushimensis (Ohwi) Ohwi 对马藁草 [New Record]

ZHANG Xiu-yue, LU Yi-fei, LIU Ju-lian, CHEN Wei-jie, JIN Xiao-feng, ZHENG Zi-hong, Carex tsushimensis (Ohwi) Ohwi, a Newly Recorded Species of Cyperaceae from Zhejiang in East China, with Morphological Comparisons among Related Species. *Plant Science Journal* 38 (5): 599-603. 2020 [600] doi: 10.11913/PSJ.2095-0837.2020.50599

CHINA (Zhejiang); JAPAN*

Daphniphyllaceae 虎皮楠科

Daphniphyllum peltatum Yan Liu & T. Meng 盾叶虎皮楠 [New Species] IUCN: CR: C2a(i);D; Evidence: Morphology

MENG Tao, NONG Dong-xin, YUAN Quan, LIU Yan, Daphniphyllum peltatum, a New Species of Daphniphyllaceae from Limestone Areas in Southwestern Guangxi, China. *Taiwania* 65 (2): 232-236. 2020 [232] doi: 10.6165/tai.2020.65.232

CHINA (Guangxi*)

Dryopteridaceae 鳞毛蕨科

Cyrtomium semifertile Jian X. Li & Xiao J. Li [New Species] IUCN: NE; Evidence: Morphology

LI Xiao-juan, LI Jian-xiu, Cyrtomium Presl (Dryopteridaceae) - a New Species from China. *Bangladesh Journal of Botany* 49 (3): 703-708. 2020 [703]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Shandong*)

Encalyptaceae 大帽蕨科

Encalypta papillosa C. Feng, J. Kou & B. Niu [New Species] IUCN: NE; Evidence: Morphology

KOU Jin, FENG Chao, NIU Ben, XIAO Hong-xing, *Encalypta papillosa* C. Feng, J. Kou & B. Niu (Encalyptaceae, Musci), a New Species from Tibet, China. *Journal of Bryology* 42 (4): 326-332. 2020 [327] doi: 10.1080/03736687.2020.1802184
CHINA (Xizang*)

Encalypta pilifera Funck [New Record]

FENG Chao, KOU Jin, WU Ting-ting, WANG Zi, XIAO Hong-xing, *Encalypta pilifera* New to China and Range Extension of Two Rare Species. *Herzogia* 33 (1): 240-247. 2020 [241] doi: 10.13158/heia.33.1.2020.240
CHINA (Nei Mongol, Xizang); [AFRICA], [ASIA], [EUROPE], [AMERICA]

Ericaceae 杜鹃花科

Rhododendron mucronatum (Blume) G. Don. f. *ruyangense* X. J. Zhou 汝阳白杜鹃 [New Form]

ZHOU Xiao-jun, LU Xiao-yu, FU Peng-cheng, A New Form of the Genus *Rhododendron* L. in Henan, China. *Northern Horticulture* (9): 79-81. 2020 [79] doi: 10.11937/bfyy.20192657
CHINA (Henan)

Rhododendron pudingense X. Y. Dai, C. H. Yang & Y. P. Ma 普定杜鹃 [New Species] IUCN: EN: B2ab(iii);D; Evidence: Morphology
DAI Xiao-yong, YANG Cheng-hua, YANG Bing, CHEN Pu, MA Yong-peng, A New Species of *Rhododendron* (Ericaceae) from Guizhou, China. *PhytoKeys* 146: 53-59. 2020 [54] doi: 10.3897/phytokeys.146.51342
CHINA (Guizhou*)

Rhododendron xishuiense C. H. Yang & C. D. Yang 习水杜鹃 [New Species] IUCN: NE; Evidence: Morphology

TONG Yi-hua, YANG Cheng-hua, XIA Nian-he, Validation of the Name *Rhododendron xishuiense* (Ericaceae). *Phytotaxa* 429 (3): 248-250. 2020 [248] doi: 10.11646/phytotaxa.429.3.7
CHINA (Guizhou*)

Vaccinium bullatum (Dop) Sleumer 泡泡叶越橘 [Typification]

NURALIEV Maxim S., FRITSCH Peter W., BEER Anton S., TONG Yi-hua, AVERYANOV Leonid V., KUZNETSOV Andrey N., KUZNETSOVA Svetlana P., A Revision of *Vaccinium bullatum* (Ericaceae): Floral Morphology, Distribution and Typification. *Phytotaxa* 433 (1): 55-66. 2020 [56] doi: 10.11646/phytotaxa.433.1.6
CHINA (Guangxi); VIETNAM*

Vaccinium napoense Y. H. Tong & N. H. Xia [New Species] IUCN: NE; Evidence: Morphology

TONG Yi-hua, HUANG Yu-song, YE Xue-he, CAI Zhuo-yu, XIA Nian-he, *Vaccinium napoense*, a New Species of *V.* sect. *Conchophyllum* (Ericaceae) from Guangxi, China. *Nordic Journal of Botany* 38 (e02773): 1-4. 2020 [2] doi: 10.1111/njb.02773
CHINA (Guangxi*)

Euphorbiaceae 大戟科

Croton capitatus Michx. 头序巴豆 [New Record]

XIA Chang-ying, ZHANG Si-yu, WANG Zhen-hua, LI Qiao, WANG Qin, WU Xue-xue, LI Zhen-yu, YU Sheng-xiang, *Croton capitatus* (Euphorbiaceae), a Newly Naturalized Alien Species in China. *Plant Quarantine* 34 (1): 54-56. 2020 [54] doi: 10.19662/j.cnki.issn1005-2755.2020.01.009
CHINA (Anhui); UNITED STATES*

Euphorbia xianxialingensis F. Y. Zhang, W. Y. Xie & Z. H. Chen 仙霞岭大戟 [New Species] IUCN: NE; Evidence: Morphology

ZHANG Fen-yao, CHEN Feng, XIE Wen-yuan, ZHENG Zhi-xin, MAO Mei-hong, CHEN Zheng-hai, *Euphorbia xianxialingensis* (Euphorbiaceae), a New Species from Zhejiang. *Journal of Zhejiang Forestry Science and Technology* 40 (1): 82-85. 2020 [82] doi: 10.3969/j.issn.1001-3776.2020.01.013
CHINA (Zhejiang*)

Mallotus japonicus (L. f.) Müll. Arg. 日本野桐 [New Synonyms]

S.: *Mallotus tenuifolius* Pax var. *subjaponicus* Croizat

ZHANG Fen-yao, CHEN Feng, XIE Wen-yuan, CHEN Zheng-hai, New Judgements on Some Species of Euphorbiaceae in Zhejiang. *Journal of Zhejiang University (Science Edition)* 47 (6): 743-748. 2020 [745] doi: 10.3785/j.issn.1008-9497.2020.06.012
10.3785/j.issn.1008-9497.2020.06.012
10.3785/j.issn.1008-9497.2020.06.012
CHINA (Taiwan, Zhejiang); JAPAN, KOREA

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Phyllanthus glaucus Wall. ex Müll. Arg. var. *trichocladus* P. L. Chiu ex Z. H. Chen 毛枝叶下珠 [New Variety]
ZHANG Fen-yao, CHEN Feng, XIE Wen-yuan, CHEN Zheng-hai, New Judgements on Some Species of Euphorbiaceae in Zhejiang. *Journal of Zhejiang University (Science Edition)* 47 (6): 743-748. 2020 [747] doi: 10.3785/j.issn.1008-9497.2020.06.012
10.3785/j.issn.1008-9497.2020.06.012
10.3785/j.issn.1008-9497.2020.06.012
CHINA (Zhejiang*)

Fabaceae 豆科

Astragalus cicer L. 鹰嘴黄耆 [New Record]
LI Ding-nan, ZHANG Shu-mei, LI Hong-bo, GUAN Pei-fu, A Newly Naturalized Species of *Astragalus* L. in China -- *Astragalus cicer* L. *Journal of Liaoning Normal University (Natural Science Edition)* 43 (3): 365-371. 2020 [365] doi: 10.11679/lxsbk2020030368
CHINA (Liaoning); [EUROPE]

Astragalus habaheensis Y. X. Liou [Correction]
A.: *Astragalus arcuatus* auct. non Kar. & Kir.: L. R. Xu & Podlech, *Fl. China*, 10: 420, 2010; *Astragalus subarcuatus* auct. non Popov: S. B. Ho, *Bull. Bot. Res.*, Harbin, 3, 1: 47, 1983, S. B. Ho, *Fl. Reipubl. Popularis Sin.* 42 (1): 280, 1993.
KNYAZEV M. S., *Astragalus habaheensis* (sect. *Erioceras*, Fabaceae) in Mongolia and China. *Novosti Ssistematiki Vysshikh Rastenii* 51 (1): 39-42. 2020 [40] doi: 10.31111/novitates/2020.51.39
CHINA (Xinjiang*)

Astragalus shaerqinensis Lei Liu & Zhi Yong Li [New Species] IUCN: NE; Evidence: Morphology
LIU Lei, LI Zhi-yong, SHI, Wen-gui, *Astragalus shaerqinensis* (Fabaceae), a New Species from Inner Mongolia, China. *Annales Botanici Fennici* 57 (1-3): 181-183. 2020 [181] doi: 10.5735/085.057.0125
CHINA (Nei Mongol*)

Brachypterum eriocarpum (F. C. How) Adema & Sirich. [New Combination]
B.: *Derris eriocarpa* F. C. How
SIRICHAMORN Yotsawate, ADEMA Frits, Four New Combinations in the Legume Genus *Brachypterum*. *Thai Forest Bulletin* 48 (1): 57-60. 2020 [58] doi: 10.20531/tfb.2020.48.1.10
CHINA (Guangxi*); LAOS, VIET NAM

Caesalpinia morsei Dunn [Typification]
LEWIS G. P., New Combinations in *Guilandina* (Leguminosae: Caesalpinioideae). *Kew Bulletin* 75 (10): 1-3. 2020 [2] doi: 10.1007/S12225-020-9865-7
CHINA (Guangxi*); VIET NAM

Campylotropis albopubescens (Iokawa & H. Ohashi) M. Liao & Bo Xu bis [New Combination]
B.: *Campylotropis pinetorum* (Kurz) Schindl. var. *albopubescens* Iokawa & H. Ohashi
LIAO Min, XU Bo, *Campylotropis albopubescens* stat. nov. (Leguminosae: Papilionoideae: Desmodieae): the Only Species in the Genus Reproduced via Rootstocks. *Phytotaxa* 454 (3): 226-230. 2020 [227] doi: 10.11646/phytotaxa.454.3.5
CHINA (Yunnan*)

Flemingia kweichowensis Tang & F. T. Wang ex Y. T. Wei & S. K. Lee [New Synonyms]
S.: *Flemingia kradungensis* Niyomdham
DO Truong Van, GAO Xin-fen, Taxonomic Revision of the Genus *Flemingia* (Leguminosae) from Indo-Chinese Floristic Region. *Phytotaxa* 429 (1): 1-38. 2020 [26] doi: 10.11646/phytotaxa.429.1.1
CHINA (Guizhou*, Yunnan); THAILAND

Flemingia nana Roxb. ex W. T. Aiton [New Record]
DO Truong Van, GAO Xin-fen, Taxonomic Revision of the Genus *Flemingia* (Leguminosae) from Indo-Chinese Floristic Region. *Phytotaxa* 429 (1): 1-38. 2020 [24] doi: 10.11646/phytotaxa.429.1.1
CHINA (Hainan); INDIA*

Flemingia strobilifera (L.) W. T. Aiton [New Synonyms]
S.: *Flemingia tiliacea* Niyomdham
DO Truong Van, GAO Xin-fen, Taxonomic Revision of the Genus *Flemingia* (Leguminosae) from Indo-Chinese Floristic Region. *Phytotaxa* 429 (1): 1-38. 2020 [19] doi: 10.11646/phytotaxa.429.1.1
CHINA (Yunnan); CAMBODIA, INDIA*, LAOS, MYANMAR, THAILAND, VIET NAM

Flemingia weii T. V. Do & X. F. Gao [New Species] IUCN: NE; Evidence: Morphology
DO Truong Van, GAO Xin-fen, Taxonomic Revision of the Genus *Flemingia* (Leguminosae) from Indo-Chinese Floristic Region. *Phytotaxa* 429 (1): 1-38. 2020 [29] doi: 10.11646/phytotaxa.429.1.1

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Yunnan*)

Guilandina minax (Hance) G. P. Lewis [New Combination]

B.: *Caesalpinia minax* Hance

LEWIS G. P., New Combinations in *Guilandina* (Leguminosae: Caesalpinioideae). *Kew Bulletin* 75 (10): 1-3. 2020 [2] doi: 10.1007/S12225-020-9865-7

CHINA (Guangxi); VIET NAM

Indigofera yuanjiangensis X. F. Gao & X. L. Zhao [New Species] IUCN: NE; Evidence: Morphology

ZHAO Xue-li, JIANG Li-sha, GAO Xin-fen, *Indigofera yuanjiangensis* (Fabaceae: Papilionoideae), a New Species from Yunnan, China. *Phytotaxa* 455 (3): 235-239. 2020 [235] doi: 10.11646/phytotaxa.455.3.7

CHINA (Yunnan*)

Mucuna guangxiensis K. W. Jiang & Y. Feng Huang 广西油麻藤 [New Species] IUCN: DD; Evidence: Morphology

JIANG Kai-wen, HUANG Yun-feng, MOURA Tânia M., *Mucuna guangxiensis*, a New Species of *Mucuna* subg. *Macrocarpa* (Leguminosae-Papilionoideae) from China. *Phytotaxa* 433 (2): 145-152. 2020 [149] doi: 10.11646/phytotaxa.433.2.5

CHINA (Guangxi*)

Oxytropis shennongjiaensis D. G. Zhang, J. T. Chen, T. Deng & H. Sun 神农架棘豆 [New Species] IUCN: DD; Evidence: ITS, trnL-F, psbA-trnH; Morphology

CHEN Jun-tong, ZHANG Dai-gui, LV Zhen-yu, HUANG Xian-han, LIU Peng-ju, YANG Jia-Ning, YANG Jing-yuan, TOJIBAEV Komiljon, DENG Tao, SUN Hang, *Oxytropis shennongjiaensis* (Fabaceae), a New Species from Hubei, Central China. *PhytoKeys* 149: 117-128. 2020 [120] doi: 10.3897/phytokeys.149.49533

CHINA (Hubei*)

Phanera apertilobata (Merr. & F. P. Metcalf) K. W. Jiang [New Combination]

B.: *Bauhinia apertilobata* Merr. & F. P. Metcalf

JIANG Kai-wen, New Combinations in the Genus *Phanera* (Fabaceae: Cercidoideae) of China. *The Journal of Japanese Botany* 95 (4): 211-213. 2020 [212]

CHINA (Fujian, Jiangxi, Guangdong*, Guangxi)

Phanera cercidifolia (D. X. Zhang) K. W. Jiang [New Combination]

B.: *Bauhinia cercidifolia* D. X. Zhang

JIANG Kai-wen, New Combinations in the Genus *Phanera* (Fabaceae: Cercidoideae) of China. *The Journal of Japanese Botany* 95 (4): 211-213. 2020 [212]

CHINA (Guangxi*)

Phanera delavayi (Franch.) Sinou & Bruneau [New Combination]

B.: *Bauhinia delavayi* Franch.

SINOUE Carole, CARDINAL-MCTEAGUE Warren, BRUNEAU Anne, Testing Generic Limits in Cercidoideae (Leguminosae): Insights from Plastid and Duplicated Nuclear Gene Sequences. *Taxon* 69 (1): 67-86. 2020 [80] doi: 10.1002/tax.12207

CHINA (Yunnan)

Phanera esquirolii (Gagnep.) Sinou & Bruneau [New Combination]

B.: *Bauhinia esquirolii* Gagnep.

SINOUE Carole, CARDINAL-MCTEAGUE Warren, BRUNEAU Anne, Testing Generic Limits in Cercidoideae (Leguminosae): Insights from Plastid and Duplicated Nuclear Gene Sequences. *Taxon* 69 (1): 67-86. 2020 [80] doi: 10.1002/tax.12207

CHINA (Guizhou, Yunnan)

Phanera hypoglaucula (Tang & F.T.Wang ex T.C.Chen) K. W. Jiang [New Combination]

B.: *Bauhinia hypoglaucula* Tang & F. T. Wang ex T. C. Chen

JIANG Kai-wen, New Combinations in the Genus *Phanera* (Fabaceae: Cercidoideae) of China. *The Journal of Japanese Botany* 95 (4): 211-213. 2020 [212]

CHINA (Yunnan*)

Phanera lingyuenensis (T. C. Chen) K. W. Jiang [New Combination]

B.: *Bauhinia lingyuenensis* T. C. Chen

JIANG Kai-wen, New Combinations in the Genus *Phanera* (Fabaceae: Cercidoideae) of China. *The Journal of Japanese Botany* 95 (4): 211-213. 2020 [212]

CHINA (Guangxi*)

Phanera longistipes (T. C. Chen) K. W. Jiang [New Combination]

B.: *Bauhinia longistipes* T. C. Chen

JIANG Kai-wen, New Combinations in the Genus *Phanera* (Fabaceae: Cercidoideae) of China. *The Journal of Japanese Botany* 95 (4): 211-213. 2020 [212]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Yunnan*)

Phanera venustula (T. C. Chen) K. W. Jiang [New Combination]

B.: *Bauhinia venustula* T. C. Chen

JIANG Kai-wen, New Combinations in the Genus *Phanera* (Fabaceae: Cercidoideae) of China. *The Journal of Japanese Botany* 95 (4): 211-213. 2020 [212]

CHINA (Guangxi*)

Rhynchosia acuminatifolia Makino [Typification]

MISHRA Ajay K., GUPTA Vedhika, WAGH Vjay V., Lectotypification of *Rhynchosia acuminatifolia* (Leguminosae). *Phytotaxa* 472 (3): 292-294. 2020 [292] doi: 10.11646/phytotaxa.472.3.8

CHINA (Anhui, Guizhou, Jiangsu, Zhejiang); JAPAN*

Fagaceae 壳斗科

Cyclobalanopsis reclinatocaulis M. M. Lin 软枝青冈 [New Species] IUCN: VU; Evidence: Morphology

LIN Qin-wen, ZHONG Yi-xin, LIN Mu-mu, *Cyclobalanopsis reclinatocaulis*, a New Species of Fagaceae from Fujian Province. *Bulletin of Botanical Research* 40 (1): 10-14. 2020 [11] doi: 10.7525/j.issn.1673-5102.2020.01.003

CHINA (Fujian*)

Quercus baloot Griff. 巴洛特栎 [New Record]

LIU Cheng, YA Ji-dong, GUO Yong-jie, CAI Jie, ZHANG Ting, Newly recorded species of seed plants from Xizang, China. *Biodiversity Science* 28 (10): 1238-1245. 2020 [1239] doi: 10.17520/biods.2020161

CHINA (Xizang); AFGHANISTAN, INDIA*, PAKISTAN

Quercus dehangensis G. X. Chen, D. G. Zhang & B. Z. Wang 德夯栎 [New Species] IUCN: CR; Evidence: Morphology

XIANG Xiao-mei, WANG Ben-zhong, ZHANG Ji-yuan, ZHANG Dai-gui, CHEN Gong, *Quercus dehangensis*: a New Species of *Quercus* (Fagaceae) from Hunan Province, China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (10): 1778-1783. 2020 [1781] doi: 10.7606/j.issn.1000-4025.2020.10.1778

CHINA (Hunan*)

Fissidentaceae 凤尾蕨科

Fissidens gracilifolius Brugg.-Nann. & Nyholm [New Record]

TANG Qi-Ming, HO Boon-Chuan, WEI Yu-Mei, New National Records and Range Extensions of the Moss Genus *Fissidens* (Fissidentaceae) from Guangxi, China. *Hattoria* 11: 41-60. 2020 [43]

CHINA (Guangxi*); JAPAN, [EUROPE]

Fissidens laxitextus Broth. ex Gangulee [New Record]

TANG Qi-Ming, HO Boon-Chuan, WEI Yu-Mei, New National Records and Range Extensions of the Moss Genus *Fissidens* (Fissidentaceae) from Guangxi, China. *Hattoria* 11: 41-60. 2020 [49]

CHINA (Guangxi*); INDIA, JAPAN, NEPAL

Fissidens pseudoclosteri Z. Iwats. & S. S. Kumar [New Record]

TANG Qi-Ming, HO Boon-Chuan, WEI Yu-Mei, New National Records and Range Extensions of the Moss Genus *Fissidens* (Fissidentaceae) from Guangxi, China. *Hattoria* 11: 41-60. 2020 [52]

CHINA (Guangxi*); INDIA, JAPAN

Funariaceae 葫芦藓科

Entosthodon elimbatus W. Z. Ma, Shevock & S. He 无边梨蒴藓 [New Species] IUCN: DD; Evidence: Morphology

MA Wen-zhang, Shevock James R., HE Si, LIU Yan, *Entosthodon elimbatus* (Bryophyta, Funariaceae), a New Species from the Subalpine Region in Yunnan and *E. physcomitrioides* New for Mainland China. *Phytotaxa* 451 (2): 103-112. 2020 [108] doi: 10.11646/phytotaxa.451.2.1

CHINA (Yunnan *)

Gentianaceae 龙胆科

Swertia angustifolia Buch.-Ham. ex D. Don [Typification]

HUSAIN Danish, BARIK Saroj Kanta, SRIVASTAVA Abhai K., KATIYAR Pushpendra, SAHOO Dinabandhu, HUSAIN Tariq, AGNIHOTRI Priyanka, Nomenclature and Typification of *Swertia angustifolia* (Gentianaceae), Its Intraspecific Taxa and Synonyms. *Taxon* 69 (5): 1085-1091. 2020 [831] doi: 10.1002/tax.12276

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Fujian, Guangdong, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Yunnan); BHUTAN, INDIA, MYANMAR, NEPAL*, VIETNAM

Swertia angustifolia Buch.-Ham. ex D. Don var. *pulchella* (D. Don) Burkill [Typification]

HUSAIN Danish, BARIK Saroj Kanta, SRIVASTAVA Abhai K., KATIYAR Pushpendra, SAHOO Dinabandhu, HUSAIN Tariq, AGNIHOTRI Priyanka, Nomenclature and Typification of *Swertia angustifolia* (Gentianaceae), Its Intraspecific Taxa and Synonyms. *Taxon* 69 (5): 1085-1091. 2020 [831] doi: 10.1002/tax.12276

CHINA (Fujian, Guangdong, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Yunnan); BHUTAN, INDIA, NEPAL*

Gesneriaceae 苦苣苔科

Aeschynanthus monetaria Dunn 贝叶芒毛苣苔 [Rediscovery]

HU Jun, XIONG Yu-ning, LI Li, LIU Qing, WEN Fang, Rediscovery of *Aeschynanthus monetaria* (Gesneriaceae) in Southeast Tibet, China after more than 100 Years. *Phytotaxa* 450 (1): 109-114. 2020 [110] doi: 10.11646/phytotaxa.450.1.9

CHINA (Xizang*); INDIA

Allocheilos maguanensis W. H. Chen & Y. M. Shui [New Species] IUCN: CR: B1ab(iii)+2ab(iii); Evidence: Morphology

CHEN Wen-hong, GUO Shi-wei, WU Jian-yong, CHEN Li, SHUI Yu-min, Two New Species of *Allocheilos* (Gesneriaceae) from the Karst Regions in Yunnan, China. *PhytoKeys* 157: 155-166. 2020 [158] doi: 10.3897/phytokeys.157.32729

CHINA (Yunnan*)

Allocheilos rubroglandulosus W. H. Chen & Y. M. Shui [New Species] IUCN: CR: B1b(v)+2b(v); Evidence: Morphology

CHEN Wen-hong, GUO Shi-wei, WU Jian-yong, CHEN Li, SHUI Yu-min, Two New Species of *Allocheilos* (Gesneriaceae) from the Karst Regions in Yunnan, China. *PhytoKeys* 157: 155-166. 2020 [161] doi: 10.3897/phytokeys.157.32729

CHINA (Yunnan*)

Beccarinda cordifolia (Anthony) B. L. Burt [New Record]

XU Yuan, CHOUDHARY Ritesh Kumar, HAO Gang, HU Chi-ming, *Primula subansirica* G. D. Pal Is not a *Primula* (Primulaceae), But Rather Belongs to Gesneriaceae. *Nordic Journal of Botany* 38 (e02612): 1-4. 2020 [2] doi: 10.1111/njb.02612

CHINA (Xizang); INDIA, MYANMAR*

Beccarinda cordifolia (Anthony) B. L. Burt [New Synonyms]

S.: *Primula subansirica* G. D. Pal

XU Yuan, CHOUDHARY Ritesh Kumar, HAO Gang, HU Chi-ming, *Primula subansirica* G. D. Pal Is not a *Primula* (Primulaceae), But Rather Belongs to Gesneriaceae. *Nordic Journal of Botany* 38 (e02612): 1-4. 2020 [2] doi: 10.1111/njb.02612

CHINA (Xizang); INDIA, MYANMAR*

Boeica arunachalensis D. Borah, R. Kr. Singh, Taram & A. P. Das [New Species] IUCN: NE; Evidence: Morphology

BORAH Dipankar, SINGH Rajeev Kumar, TARAM Momang, DAS Abhaya Prasad, *Boeica arunachalensis* (Gesneriaceae), a New Species from Indian Eastern Himalaya and Typification of Five Names in *Boeica*. *Indian Forester* 146 (9): 871-874. 2020 [871] doi: 10.36808/if/2020/v146i9/150712

CHINA (Xizang*)

Boeica fulva C. B. Clarke [Typification]

BORAH Dipankar, SINGH Rajeev Kumar, TARAM Momang, DAS Abhaya Prasad, *Boeica arunachalensis* (Gesneriaceae), a New Species from Indian Eastern Himalaya and Typification of Five Names in *Boeica*. *Indian Forester* 146 (9): 871-874. 2020 [872] doi: 10.36808/if/2020/v146i9/150712

CHINA (Xizang); BHUTAN, INDIA*

Boeica porosa C. B. Clarke [Typification]

BORAH Dipankar, SINGH Rajeev Kumar, TARAM Momang, DAS Abhaya Prasad, *Boeica arunachalensis* (Gesneriaceae), a New Species from Indian Eastern Himalaya and Typification of Five Names in *Boeica*. *Indian Forester* 146 (9): 871-874. 2020 [874] doi: 10.36808/if/2020/v146i9/150712

CHINA (Yunnan); INDIA, MYANMAR*, VIETNAM

Deinostigma fasciculatum W. H. Chen & Y. M. Shui 簇花奇柱苣苔 [New Species] IUCN: CR: C2+a+ii/B2+b+iii; Evidence: Morphology

SHUI Yu-min, WU Jian-yong, YU Zhi-yong, GUO Shi-wei, CHEN Li, WEN Fang, CHEN Wen-hong, *Deinostigma fasciculatum*, a New Species of Gesneriaceae in Yunnan, China. *PhytoKeys* 157: 199-206. 2020 [201] doi: 10.3897/phytokeys.157.32683

CHINA (Yunnan*)

Didymocarpus lobulatus F. Wen, Xin Hong & W. Y. Xie [New Species] IUCN: VU: D2; Evidence: Morphology

XIE Wen-yuan, ZHOU Jia-jun, HONG Xin, WEN Fang, *Didymocarpus lobulatus* (Gesneriaceae), a New Species from Zhejiang Province, East China. *PhytoKeys* 157: 145-153. 2020 [147] doi: 10.3897/phytokeys.157.30349

CHINA (Zhejiang*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Didymocarpus longicalyx G. W. Hu & Q. F. Wang [New Species] IUCN: NE; Evidence: Morphology
ZHANG Cai-fei, TIAN Jing, PENG Shuai, WANG Jun-jie, WANG Yan, HU Guang-wan, WANG Qing-feng, *Didymocarpus longicalyx* (Gesneriaceae), a New Species from Southwestern Yunnan, China. *Phytotaxa* 475 (1): 59-66. 2020 [62] doi: 10.11646/phytotaxa.475.1.6
CHINA (Yunnan*)

Didymocarpus sinoindicus N. S. Prasanna, Lei Cai & V. Gowda [New Species] IUCN: DD; Evidence: Morphology
PRASANNA N. S., LIU De-tuan, SARYAN P., DUAN Shao-zhong, CAI Lei, GOWDA V., *Didymocarpus sinoindicus* (Gesneriaceae), a New Species from India and China. *Rheedea* 30 (1): 135-142. 2020 [136] doi: 10.22244/rheedea.2020.30.01.07
CHINA (Yunnan); INDIA*

Hemiboea guangdongensis (Z. Yu Li) Xiao Qian Li & X. G. Xiang 广东半蒴苣苔 [New Combination]
B.: *Hemiboea henryi* C. B. Clarke var. *guangdongensis* Z. Yu Li
LI Xiao-qian, GUO Zhi-you, LI Yang, ZHOU Peng, CHEN Xu-hui, LI Zhen-yu, XIANG Xiao-guo, *Hemiboea guangdongensis* comb. & stat. nov., a Cryptic Species Segregated from *H. subcapitata* (Gesneriaceae) Based on Morphological and Molecular Data. *Nordic Journal of Botany* 37 (e02574): 1-7. 2020 [5] doi: 10.1111/njb.02574
CHINA (Guangdong*)

Hemiboea yongfuensis Z. P. Huang & Y. B. Lu [New Species] IUCN: CR; Evidence: ITS, trnL, trnL-F; Morphology
HUANG Zhang-ping, LI Jia-hui, PAN Bo, QIN Xin-mei, ZHANG Qiang, LU Yong-bin, *Hemiboea yongfuensis* (Gesneriaceae): A Cryptic and Critically Endangered New Species from North Guangxi, China. *Nordic Journal of Botany* 38 (e02435): 1-8. 2020 [3] doi: 10.1111/njb.02435
CHINA (Guangxi*)

Henckelia anachoreta (Hance) D. J. Middleton & Mich. Möller [New Synonyms]
S.: *Didymostigma trichanthera* C. X. Ye & X. G. Shi
YANG Li-hua, FENG Chen, KANG Ming, WEN Fang, The Taxonomic Identity of *Didymostigma trichanthera* (Gesneriaceae). *PhytoKeys* 157: 191-197. 2020 [195] doi: 10.3897/phytokeys.157.32577
CHINA (Guangdong*, Guangxi); LAOS, MYANMAR, THAILAND, VIET NAM

Henckelia oblongifolia (Roxb.) D. J. Middleton & Mich. Möller 长圆叶汉克苣苔 [New Synonyms]
S.: *Lysionotus bijantiae* D. Borah & A. Joe
CAI Lei, BORAH Dipankar, DAO Zhi-ling, WEN Fang, *Lysionotus bijantiae* Is Identified as a New Synonym of *Henckelia oblongifolia* (Gesneriaceae). *Guihaia* 40 (10): 1402-1408. 2020 [1404] doi: 10.11931/guihaia.gxzw201902 016
CHINA (Xizang); BANGLADESH, INDIA, MYANMAR

Henckelia siangensis Taram, D. Borah & Tag [New Species] IUCN: NE; Evidence: Morphology
TARAM Momang, BORAH Dipankar, TAKU Ojar, TAG Hui, *Henckelia siangensis* (Gesneriaceae): A Remarkable New Species from Northeast India. *PhytoKeys* 160: 1-6. 2020 [2] doi: 10.3897/phytokeys.160.54459
CHINA (Xizang*)

Lysionotus coccineus G. W. Hu & Q. F. Wang 猩红吊石苣苔 [New Species] IUCN: NE; Evidence: Morphology
TIAN Jing, ZHANG Cai-fei, PENG Shuai, WANG Jun-jie, WANG Yan, HU Guang-wan, WANG Qing-feng, *Lysionotus coccineus* (Gesneriaceae), a New Species from Southwestern Yunnan, China. *Nordic Journal of Botany* 38 (e02912): 1-6. 2020 [2] doi: 10.1111/njb.02912
CHINA (Yunnan*)

Oreocharis aimodisca Lei Cai, Z. L. Dao & F. Wen 滇东马铃苣苔 [New Species] IUCN: CR: B2(a); Evidence: Morphology
CAI Lei, HUANG Zhang-jie, WEN Fang, DAO Zhi-ling, Two New Species of *Oreocharis* (Gesneriaceae) from Karst Regions in Yunnan and Notes on *O. tetraptera* and *O. brachypoda* from China. *PhytoKeys* 162: 1-12. 2020 [3] doi: 10.3897/phytokeys.162.52174
CHINA (Yunnan*)

Oreocharis argentifolia Lei Cai & Z. L. Dao 银叶马铃苣苔 [New Species] IUCN: NE; Evidence: Morphology
Cai Lei, Dao Zhi-ling, *Oreocharis argentifolia* (Gesneriaceae), a New Species from the Karst Region in Southeastern Yunnan, China. *Nordic Journal of Botany* 38 (e02699): 1-7. 2020 [2] doi: 10.1111/njb.02699
CHINA (Yunnan*)

Oreocharis baolianis (Qin W. Lin) Li H. Yang & M. Kang [New Combination]
B.: *Beccarinda baolianis* Qin W. Lin
YANG Li-hua, WEN Fang, KONG Hang-hui, SUN Zhi-xia, SU Lan-ying, KANG Ming, Two New Combinations in *Oreocharis* (Gesneriaceae) Based on Morphological, Molecular and Cytological Evidence. *PhytoKeys* 157: 43-58. 2020 [54] doi: 10.3897/phytokeys.157.32609
CHINA (Fujian*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Oreocharis eriocarpa W. H. Chen & Y. M. Shui [New Species] IUCN: VU: D1+D2; Evidence: ITS, trnL-F; Morphology
CHEN Wen-hong, ZHANG Ya-mei, HE De-ming, LI Yong-liang, SHUI Yu-min, Four New Species of *Oreocharis* (Gesneriaceae) in Yunnan province, China. *PhytoKeys* 157: 83-99. 2020 [89] doi: 10.3897/phytokeys.157.32284
CHINA (Yunnan*)

Oreocharis flavovirens Xin Hong [New Species] IUCN: NE; Evidence: Morphology
QIN Wei-hua, DING Dong-dong, LI Zhong-lin, GAO Yun-feng, LI Shu, HONG Xin, *Oreocharis flavovirens*, a New Species of Gesneriaceae from Southern Gansu Province, China. *PhytoKeys* 157: 101-112. 2020 [102] doi: 10.3897/phytokeys.157.31732
CHINA (Gansu*)

Oreocharis fulva W. H. Chen & Y. M. Shui [New Species] IUCN: CR: B1ab(iii)+C2a(ii); Evidence: ITS, trnL-F; Morphology
CHEN Wen-hong, ZHANG Ya-mei, HE De-ming, LI Yong-liang, SHUI Yu-min, Four New Species of *Oreocharis* (Gesneriaceae) in Yunnan province, China. *PhytoKeys* 157: 83-99. 2020 [91] doi: 10.3897/phytokeys.157.32284
CHINA (Yunnan*)

Oreocharis guileana (B. L. Burt) Li H. Yang & F. Wen [New Combination]
B.: *Boeica guileana* B. L. Burt
YANG Li-hua, WEN Fang, KONG Hang-hui, SUN Zhi-xia, SU Lan-ying, KANG Ming, Two New Combinations in *Oreocharis* (Gesneriaceae) Based on Morphological, Molecular and Cytological Evidence. *PhytoKeys* 157: 43-58. 2020 [52] doi: 10.3897/phytokeys.157.32609
CHINA (Guangdong, Hong Kong*)

Oreocharis jasminina S. J. Ling, F. Wen & M. X. Ren 迎春花马铃苣苔 [New Species] IUCN: VU; Evidence: ITS, trnL-F; Morphology
LING Shao-jun, GUAN Shu-ping, WEN Fang, SHUI Yu-min, REN Ming-xun, *Oreocharis jasminina* (Gesneriaceae), a New Species from Mountain Tops of Hainan Island, South China. *PhytoKeys* 157: 121-135. 2020 [102] doi: 10.3897/phytokeys.157.50246
CHINA (Hainan*)

Oreocharis lacerata W. H. Chen & Y. M. Shui [New Species] IUCN: VU: D; Evidence: ITS, trnL-F; Morphology
CHEN Wen-hong, ZHANG Ya-mei, HE De-ming, LI Yong-liang, SHUI Yu-min, Four New Species of *Oreocharis* (Gesneriaceae) in Yunnan province, China. *PhytoKeys* 157: 83-99. 2020 [93] doi: 10.3897/phytokeys.157.32284
CHINA (Yunnan*)

Oreocharis longipedicellata Lei Cai & F. Wen 长梗马铃苣苔 [New Species] IUCN: DD; Evidence: Morphology
CAI Lei, HUANG Zhang-jie, WEN Fang, DAO Zhi-ling, Two New Species of *Oreocharis* (Gesneriaceae) from Karst Regions in Yunnan and Notes on *O. tetraptera* and *O. brachypoda* from China. *PhytoKeys* 162: 1-12. 2020 [7] doi: 10.3897/phytokeys.162.52174
CHINA (Yunnan*)

Oreocharis wenshanensis W. H. Chen & Y. M. Shui [New Species] IUCN: CR: D1+D2; Evidence: ITS, trnL-F; Morphology
CHEN Wen-hong, ZHANG Ya-mei, HE De-ming, LI Yong-liang, SHUI Yu-min, Four New Species of *Oreocharis* (Gesneriaceae) in Yunnan province, China. *PhytoKeys* 157: 83-99. 2020 [96] doi: 10.3897/phytokeys.157.32284
CHINA (Yunnan*)

Oreocharis wumengensis Lei Cai & Z. L. Dao 乌蒙马铃苣苔 [New Species] IUCN: NE; Evidence: Morphology
CAI Lei, LIU Fang-pu, YI Xiang-bo, DAO Zhi-ling, *Oreocharis wumengensis*, a New Species of Gesneriaceae from northeastern Yunnan, China. *PhytoKeys* 157: 113-119. 2020 [114] doi: 10.3897/phytokeys.157.33071
CHINA (Yunnan*)

Paraboea brevipedunculata Y. M. Shui & W. H. Chen [New Species] IUCN: NE; Evidence: Morphology
SHUI Yu-min, GUO Shi-wei, CHEN Li, CHEN Wen-hong, Two New Species of *Paraboea* (Gesneriaceae) in Caryota Obtusa Forests in Southwest China, with Compound and Simple Dichasia, Respectively. *PhytoKeys* 157: 207-216. 2020 [212] doi: 10.3897/phytokeys.157.32534
CHINA (Yunnan*)

Paraboea dolomitica Z. Yu Li, X. G. Xiang & Z. Y. Guo [New Species] IUCN: VU: D1; Evidence: ITS, trnL-F; Morphology
GUO Zhi-you, WU Zhao-wen, XU Wei-bin, LI Zhen-yu, XIANG Xiao-guo, *Paraboea dolomitica* (Gesneriaceae), a New Species from Guizhou, China. *PhytoKeys* 153: 37-48. 2020 [41] doi: 10.3897/phytokeys.153.50933
CHINA (Guizhou*)

Paraboea minutiflora D. J. Middleton 微花蛛毛苣苔 [New Recorded]
LU Zhao-cen, LIU En-de, HAN Meng-qi, ZHU Xin-xin, NGUYEN Khang Sinh, XU Wei-bin, Discovery of *Paraboea minutiflora* (Gesneriaceae) from Southeast Yunnan, China with Supplementary Description. *Guihaia* 40 (10): 1438-1444. 2020 [1439] doi: 10.11931/guihaia.gxzw201909027

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Yunnan); VIETNAM*

Paraboea myriantha Y. M. Shui & W. H. Chen [New Species] IUCN: NE; Evidence: Morphology
SHUI Yu-min, GUO Shi-wei, CHEN Li, CHEN Wen-hong, Two New Species of *Paraboea* (Gesneriaceae) in Caryota Obtusa Forests in Southwest China, with Compound and Simple Dichasia, Respectively. *PhytoKeys* 157: 207-216. 2020 [209] doi: 10.3897/phytokeys.157.32534
CHINA (Yunnan*)

Paraboea nanxiensis Lei Cai & Gui L. Zhang 南溪蛛毛苣苔 [New Species] IUCN: CR: B2a; Evidence: Morphology
ZHANG Gui-liang, CAI Lei, WANG Yi-zhi, ZHANG Gui-sheng, *Paraboea nanxiensis* (Gesneriaceae), a New Species from Southeastern Yunnan Province, China. *Guihaia* 40 (10): 1423-1428. 2020 [1424] doi: 10.11931/guihaia.gxzw202002034
CHINA (Yunnan*)

Petrocodon chishuiensis Z. B. Xin, F. Wen & S. B. Zhou 赤水石山苣苔 [New Species] IUCN: CR: B2ab(iii); Evidence: Morphology
XIN Zi-bing, FU Long-fei, HUANG Zhang-jie, LI Shu, MACIEJEWSKI Stephen, WEN Fang, ZHOU Shou-biao, *Petrocodon chishuiensis* (Gesneriaceae), a New Species Endemic to Guizhou, China. *Taiwania* 65 (2): 181-186. 2020 [181] doi: 10.6165/tai.2020.65.181
CHINA (Guizhou*)

Petrocodon ionophyllus F. Wen, S. Li & B. Pan [New Species] IUCN: EN: D; Evidence: Morphology
LI Shu, PAN Bo, XIN Zi-bing, FU Long-fei, HUANG Zhang-jie, WEN Fang, *Petrocodon ionophyllus*, a New Species of Gesneriaceae from the Limestone Areas of South China. *Rheedeia* 30 (1): 150-158. 2020 [151] doi: 10.22244/rheedeia.2020.30.01.09
CHINA (Guangxi*)

Petrocodon luteoflorus Lei Cai & F. Wen 小黄花石山苣苔 [New Species] IUCN: LC; Evidence: Morphology
FAN Zhi-wei, CAI Lei, YANG Jia-wen, TANG Sheng-hu, WEN Fang, *Petrocodon luteoflorus* (Gesneriaceae), a New Species from Karst Region in Guizhou, China. *PhytoKeys* 157: 167-173. 2020 [169] doi: 10.3897/phytokeys.157.32316
CHINA (Guizhou*)

Petrocodon rubiginosus Y. G. Wei & R. L. Zhang 锈梗石山苣苔 [New Species] IUCN: EN: B2ab(ii, iii); Evidence: Morphology
ZHANG Rui-li, LI Shu, MACIEJEWSKI Stephen, WEI Yi-gang, *Petrocodon rubiginosus*, a New Species of Gesneriaceae from Guangxi, China. *PhytoKeys* 157: 175-181. 2020 [176] doi: 10.3897/phytokeys.157.32270
CHINA (Guangxi*)

Petrocodon wenshanensis Xin Hong, W. H. Qin & F. Wen 文山石山苣苔 [New Species] IUCN: CR: B2ab(iii); Evidence: Morphology
LI Zheng-long, QIN Wei-hua, WEN Fang, HE De-ming, HONG Xin, *Petrocodon wenshanensis*, a New Species of Gesneriaceae from Southwestern China. *PhytoKeys* 157: 183-189. 2020 [185] doi: 10.3897/phytokeys.157.39624
CHINA (Guangxi*)

Petrocosmea chiwui M. Q. Han, H. Jiang & Yan Liu 启无石蝴蝶 [New Species] IUCN: NE; Evidence: Morphology
JIANG Hong, HAN Meng-qi, DONG Zhen, HAN Zhou-dong, LIU Yan, Two New Species of *Petrocosmea* (Gesneriaceae) from Yunnan, China. *Nordic Journal of Botany* 38 (e02847): 1-7. 2020 [2] doi: 10.1111/njb.02847
CHINA (Yunnan*)

Petrocosmea nanchuanensis Z. Y. Liu, Z. Yu Li & Z. J. Qiu [New Species] IUCN: CR: A2c; Evidence: ITS, atpI-atpH, PeCYC1D, matK, trnH-psbA, rps16 intron, trnL-F, trnT-L; Morphology
QIU Zhi-jing, ZHANG Jun, BASKARAN Xavier-Ravi, HU Jin, LI Zhen-yu, LIU Zheng-yu, *Petrocosmea nanchuanensis* (Gesneriaceae), a New Species from Chongqing, China. *PhytoKeys* 157: 137-144. 2020 [138] doi: 10.3897/phytokeys.157.33625
CHINA (Chongqing*)

Petrocosmea rotundifolia M. Q. Han, H. Jiang & Yan Liu 圆叶石蝴蝶 [New Species] IUCN: NE; Evidence: Morphology
JIANG Hong, HAN Meng-qi, DONG Zhen, HAN Zhou-dong, LIU Yan, Two New Species of *Petrocosmea* (Gesneriaceae) from Yunnan, China. *Nordic Journal of Botany* 38 (e02847): 1-7. 2020 [2] doi: 10.1111/njb.02847
CHINA (Yunnan*)

Primulina flexusa F. Wen, T. Peng & B. Pan 曲管报春苣苔 [New Species] IUCN: CR: C1; Evidence: Morphology
PENG Tao, PAN Bo, MACIEJEWSKI Stephen, WEN Fang, *Primulina flexusa* sp. nov. (Gesneriaceae) from Guizhou Province, China. *PhytoKeys* 159: 61-69. 2020 [62] doi: 10.3897/phytokeys.159.55386
CHINA (Guizhou*)

Primulina hochiensis (Chang C. Huang & X. X. Chen) Mich. Möller & A. Webe var. *ochroleuc* F. Wen, Y. Z. Ge & Z. B. Xin 黄花河池报春苣苔 [New Variety]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

GE Yu-zhen, XIN Zi-bing, FU Long-fei, CHOU Wei-chuen, HUANG Yi, HUANG Zhang-jie, MACIEJEWSKI Stephen, WEN Fang, *Primulina hochiensis* var. *ochroleuca* (Gesneriaceae), a New Variety from a Limestone Area of Guangxi, China, and Errata on Five New Species of *Primulina*. *PhytoKeys* 152: 111-120. 2020 [113] doi: 10.3897/phytokeys.152.50968
CHINA (Guangxi*)

Primulina huangjiniana W. B. Liao, Q. Fan & C. Y. Huang 黄进报春苣苔 [New Species] IUCN: CR: B2a; Evidence: Morphology
HUANG Cui-ying, MENG Kai-kai, GUO Jian-qiang, CHEN Fang, LIAO Wen-bo, FAN Qiang, *Primulina huangjiniana* (Gesneriaceae), a New Species from Guangdong, China. *Guihaia* 40 (10): 1429-1437. 2020 [1432] doi: 10.11931/guihaia.gxzw202003032
CHINA (Guangdong*)

Primulina inflata Li H. Yang & M. Z. Xu 粗筒小花苣苔 [New Species] IUCN: CR: B2a,b(iii,v);C2a(i); Evidence: Morphology
XU Mei-zhen, KONG Hang-hui, KANG Ming, YANG Li-hua, A New Species of *Primulina* (Gesneriaceae) from Danxia landform in Jiangxi, China. *Taiwania* 65 (2): 163-166. 2020 [163] doi: 10.6165/tai.2020.65.163
CHINA (Guangdong*)

Primulina jiuyishanica Kun Liu bis, D. C. Meng & Z. B. Xin 九嶷山报春苣苔 [New Species] IUCN: LC; Evidence: Morphology
LIU Kun, MENG De-chang, HUANG Zhang-jie, MACIEJEWSKI Stephen, XIN Zi-bing, *Primulina jiuyishanica* (Gesneriaceae), a New Species from Hunan, China. *PhytoKeys* 162: 37-44. 2020 [39] doi: 10.3897/phytokeys.162.53763
CHINA (Guangdong*)

Primulina qintangensis Z. B. Xin, W. C. Chou & F. Wen 覃塘报春苣苔 [New Species] IUCN: VU: C1; Evidence: Morphology
XIN Zi-bing, HUANG Zhang-jie, CHOU Wei-chuen, HUANG Yi, MENG De-chang, WEN Fang, *Primulina qintangensis* (Gesneriaceae), a New Species from Limestone Areas of Guangxi, China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (8): 1424-1427. 2020 [1425] doi: 10.7606/j.issn.1000-4025.2020.08.1424
CHINA (Guangxi*)

Primulina spiradicioides Z. B. Xin & F. Wen [New Species] IUCN: NE; Evidence: Morphology
XIN Zi-bing, HUANG Zhang-jie, FU Long-fei, LI Shu, WANG Bing-mou, WEN Fang, *Primulina spiradicioides* (Gesneriaceae), a New Species from limestone areas in Guangxi, China. *Annales Botanici Fennici* 57 (4-6): 245-248. 2020 [245] doi: 10.5735/085.057.0408
CHINA (Guangxi*)

Primulina titan Z. B. Xin, W. C. Chou & F. Wen [New Species] IUCN: VU: D1; Evidence: Morphology
XIN Zi-bing, FU Long-fei, HUANG Zhang-jie, CHOU Wei-chuen, HUANG Yi, WEN Fang, *Primulina titan* sp. nov. (Gesneriaceae) from a Limestone Area in Northern Guangxi, China. *Journal of Botanical Research* 2 (3): 1-4. 2020 [2] doi: 10.30564/jrb.v2i3.1994
CHINA (Guangxi*)

Primulina yulinensis Ying Qin & Yan Liu 玉林小花苣苔 [New Species] IUCN: NE; Evidence: Morphology
QIN Ying, YE Xiao-xia, XU Wei-bin, LIU Yan, *Primulina yulinensis*, a New Species of Gesneriaceae from Guangxi, China. *Taiwania* 65 (1): 5-9. 2020 [5] doi: 10.6165/tai.2020.65.5
CHINA (Guangxi*)

Primulina zixingensis Li H. Yang & B. Pan [New Species] IUCN: NE; Evidence: Morphology
PAN Bo, XU Mei-zhen, TANG Wen-xiu, YANG Li-hua, *Primulina zixingensis* (Gesneriaceae), a New Species from Hunan, China. *Annales Botanici Fennici* 57 (1-3): 55-59. 2020 [55] doi: 10.5735/085.057.0107
CHINA (Hunan*)

Rhynchoetechum nirijuliense Taram & D. Borah [New Species] IUCN: DD; Evidence: Morphology
TARAM M., BORAH D., *Rhynchoetechum nirijuliense* (Gesneriaceae), a New Species from Northeast India. *The Gardens' Bulletin Singapore* 72 (1): 125-129. 2020 [126] doi: 10.26492/gbs72(1).2020-12
CHINA (Xizang*)

Rhynchoetechum parviflorum Blume 小花线柱苣苔 [New Recorded]
HONG Xin, WANG Xiu-ping, WEN Fang, *Rhynchoetechum parviflorum* Blume, a Newly Recorded Species of Gesneriaceae from China. *Guihaia* 40 (10): 1417-1422. 2020 [1418] doi: 10.11931/guihaia.gxzw202003050
CHINA (Guangdong, Guangxi, Hainan, Hong Kong, Xizang); INDIA, INDONESIA*

Gnetaceae 买麻藤科

Gnetum chinense Y. Yang, Bing Liu & S. Z. Zhang [New Species] IUCN: LC; Evidence: ITS, matK, rpoC1, psbB-rps12, trnF-trnV; Morphology
JIN Wei-yin, LIU Bing, ZHANG Shou-zhou, WAN Tao, HOU Chen, YANG Yong, *Gnetum chinense*, a New Species of Gnetaceae from Southwestern China. *PhytoKeys* 148: 105-117. 2020 [109] doi: 10.3897/phytokeys.148.48510
CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Grimmiaceae 紫萼藓科

Grimmia capillata De Not. [New Recorded]

ATIGUL Maola, TIAN Xin-min, AYNUR Turgun, MAMTIMIN Sulayman, Four New Records of *Grimmia* Hedw. (Grimmiaceae, Musci) in Xinjiang, Northwest China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (7): 1246-1254. 2020 [1247] doi: 10.7606/j.issn.1000-4025.2020.07.124

CHINA (Xinjiang); [ASIA], [AFRICA], [EUROPE]

Grossulariaceae 茶藨子科

Ribes fragrans Pall. 白花茶藨子 [New Record]

DENG Rui, ZHANG Mei-li, ZHOU Ming, ZHENG Bao-jiang, A Newly Recorded Plant of the Genus *Ribes* from China. *Journal of Nanjing Forestry University (Natural Sciences Edition)*: 1-5. 2020 [2] doi: 10.3969/j.issn.1000-2006.202004060

CHINA (Nei Mongol); MONGOLIA, RUSSIA

Hydrangeaceae 绣球花科

Hydrangea chinensis Maxim. var. *patentihirsuta* Z. H. Chen 展毛中国绣球 [New Variety]

CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [70] doi: 10.3969/j.issn.1001-3776.2020.04.012

CHINA (Zhejiang*)

Hymenophyllaceae 膜蕨科

Crepidomanes shenzhenense Hui Wang bis & X. Yun Wang [New Species] IUCN: EN: C2a; Evidence: Morphology

WANG Hui, ZHAO Guo-hua, RAVI Baskaran Xavier, LU Shu-gang, *Crepidomanes shenzhenense* (subg. *Crepidomanes*; Hymenophyllaceae), a New Filmy Fern Species from Guangdong, Southern China. *Phytotaxa* 440 (2): 101-107. 2020 [102] doi: 10.11646/phytotaxa.440.2.2

CHINA (Guangdong*)

Iridaceae 鸢尾科

Iris dabashanensis C. A. Wilson [New Species] IUCN: LC; Evidence: matK, trnK, trnL-F; Morphology

WILSON Carol A., Two New Species in *Iris* series *Chinenses* (Iridaceae) from South-central China. *PhytoKeys* 161: 41-60. 2020 [49] doi: 10.3897/phytokeys.161.55483

CHINA (Sichuan*)

Iris probstii C. A. Wilson [New Species] IUCN: VU: D2; Evidence: matK, trnK, trnL-F; Morphology

WILSON Carol A., Two New Species in *Iris* series *Chinenses* (Iridaceae) from South-central China. *PhytoKeys* 161: 41-60. 2020 [53] doi: 10.3897/phytokeys.161.55483

CHINA (Guizhou*)

Iris zhaoana M. B. Crespo, Alexeeva & Y. E. Xiao [New Name]

R.: *Iris potaninii* Maxim. var. *ionantha* Y. T. Zhao

CRESPO Manuel B., ALEXEEVA Nina B., XIAO Yue-e, *Iris zhaoana*, a New Name for *Iris potaninii* var. *ionantha* (I. sect. *Pseudoregelia* ser. *Tigridiae*, Iridaceae) from China: Evidence from Morphological and Plastid DNA Data. *Phytotaxa* 470 (4): 282-289. 2020 [284] doi: 10.11646/phytotaxa.470.4.2

CHINA (Gansu, Qinghai*, Xinjiang, Xizang); MONGOLIA, RUSSIA

Lamiaceae 唇形科

Caryopteris alternifolia Y. S. Chen & C. L. Xiang 互叶蕈 [New Species] IUCN: EN: B2ab, D; Evidence: ITS, ETS; Morphology

CHEN You-sheng, XIANG Chun-lei, XU Lian-sheng, JIN Zi-chao, *Caryopteris alternifolia* (Ajugoideae, Lamiaceae), a Distinct New Species from Guangdong, China. *Phytotaxa* 461 (1): 62-68. 2020 [64] doi: 10.11646/phytotaxa.461.1.8

CHINA (Guangdong*)

Clinopodium nepalense (Kitam. & Murata) Bräuchler & Heub 尼泊尔姜味草 [New Record]

LIU Cheng, YA Ji-dong, GUO Yong-jie, CAI Jie, ZHANG Ting, Newly recorded species of seed plants from Xizang, China. *Biodiversity Science* 28 (10): 1238-1245. 2020 [1239] doi: 10.17520/biods.2020161

CHINA (Xizang); NEPAL*

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Hanceola suffruticosa Y. P. Chen, A. J. Paton & C. L. Xiang 木茎四轮香 [New Species] IUCN: NE; Evidence: Morphology
CHEN Ya-ping, PATON Alan J., XIANG Chun-lei, *Hanceola suffruticosa* (Lamiaceae, Nepetoideae), a New Species from the Sino-Vietnamese Border. *PhytoKeys* 145: 131-138. 2020 [133] doi: 10.3897/phytokeys.145.49995
CHINA (Yunnan*)

Isodon brevipedunculatus Y. P. Chen & C. L. Xiang 短梗香茶菜 [New Species] IUCN: NE; Evidence: ITS, ETS; Morphology
CHEN Ya-ping, HUANG Cun-zhong, ZHAO Yue, XIANG Chun-lei, Molecular and Morphological Evidence for a New Species of *Isodon* (Lamiaceae) from Southern China. *Plant Diversity* 43 (x): 1/9-9/9. 2020 [5/9] doi: 10.1016/j.pld.2020.06.004
CHINA (Guangdong*, Hunan)

Meehania zheminiensis A. Takano, Pan Li & G. H. Xia 浙闽龙头草 [New Species] IUCN: NE; Evidence: ITS, ETS; Morphology
TAKANO Atsuko, SAKAGUCHI Shota, LI Pan, MATSUO Ayumi, SUYAMA Yoshihisa, XIA Guo-hua, LIU Xi, ISAGI Yuji, A Narrow Endemic or a Species Showing Disjunct Distribution? Studies on *Meehania montis-koyae* Ohwi (Lamiaceae). *Plants* 9 (1159): 1-16. 2020 [9] doi: 10.3390/plants9091159
CHINA (Fujian, Zhejiang*)

Paraphlomis kuankuoshuiensis R. B. Zhang, Tan Deng & C. B. Ma [New Species] IUCN: NT; Evidence: Morphology
ZHANG Ren-bo, DENG Tan, DOU Quan-li, WEI Ruo-xun, HE Lin, MA Chong-bo, ZHAO Sheng, HU Shun, *Paraphlomis kuankuoshuiensis* (Lamiaceae), a New Species from the Limestone Areas of Northern Guizhou, China. *PhytoKeys* 139: 13-20. 2020 [15] doi: 10.3897/phytokeys.139.47055
CHINA (Guizhou*)

Premna wui Boufford & B. M. Barthol. [New Synonyms]
S.: *Premna cordiformis* Li Bing Zhang & Yi F. Duan [nom. illeg. superfl.]; *Premna wuana* Q. Wang [nom. illeg. superfl.]
WANG Ying-hui, WANG Qiang, A Superfluous Name of *Premna* (Lamiaceae). *Phytotaxa* 449 (1): 95-96. 2020 [95] doi: 10.11646/phytotaxa.449.1.10
CHINA (Yunnan*)

Scutellaria barbata D. Don [New Synonyms]
S.: *Scutellaria taipeiensis* T. C. Huang, A. Hsiao & M. J. Wu
CHAO Chien-ti, HUANG Bing-hong, CHANG Jui-tse, LIAO Pei-chun, Taxonomic Notes on *Scutellaria taipeiensis* (Lamiaceae) from Morphological and Molecular Data. *PhytoKeys* 140: 33-45. 2020 [41] doi: 10.3897/phytokeys.140.48578
CHINA (Taiwan); NEPAL

Lauraceae 樟科

Alseodaphnopsis maguanensis Lang Li & J. Li [New Species] IUCN: CR: C2a(i); Evidence: ITS, LEAFY intron II; Morphology
LI Lang, TAN Yun-hong, MENG Hong-hu, MA Hui, LI Jie, Two New Species of *Alseodaphnopsis* (Lauraceae) from Southwestern China and Northern Myanmar: Evidence from Morphological and Molecular Analyses. *PhytoKeys* 138: 27-39. 2020 [31] doi: 10.3897/phytokeys.138.38569
CHINA (Yunnan*)

Lindera reflexa Hemsl. var. *impressivena* G. Y. Li & J. F. Wang 陷脉山柃 [New Variety]
CHEN Zheng-hai, ZHOU Qing, CHEN Gao-kun, XIE Wen-yuan, LI Gen-you, Notes on Seed Plant in Zhejiang Province (VI). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 73-77. 2020 [75] doi: 10.3969/j.issn.1001-3776.2020.04.013
CHINA (Zhejiang*)

Litsea verticillata Hance [Typification]
KUMAR Anand, Second-step Lectotypification of Six Names of *Litsea* (Lauraceae). *Phytotaxa* 460 (3): 214-224. 2020 [225] doi: 10.11646/phytotaxa.460.3.4
CHINA (Guangdong*)

Phoebe hekouensis Bing Liu, W. Y. Jin, L. N. Zhao & Y. Yang [New Species] IUCN: CR; Evidence: ITS, psbA-trnH; Morphology
LIU Bing, JIN Wei-yin, ZHAO Li-na, YANG Yong, A New Species of *Phoebe* (Lauraceae) from South-western China. *PhytoKeys* 140: 101-106. 2020 [102] doi: 10.3897/phytokeys.140.47664
CHINA (Yunnan*)

Lejeuneaceae 细鳞苔科

Frullania dasyueshanensis Schäf.-Verw. & G. Winter bis. [New Species] IUCN: NE; Evidence: Morphology
SCHÄFER-VERWIM Alfons, WINTER Gerhard, SCHÄFER-VERWIM Alfons, WINTER Gerhard, *Frullania dasyueshanensis*, a New Species with Terete Perianth from Taiwan (Marchantiophyta: Frullaniaceae). *Frahmia* 20: 1-14. 2020 [2]
CHINA (Taiwan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Spruceanthus planifolius (Horik.) X. Q. Shi, R. L. Zhu & Gradst. [New Record]

TU Shu-wen, SHI Rui-ping, TANG Lu-yan, LI Lu-yan, LI Yi-heng, TANG Xia, DAI Zun, XING Shi-chen, SHI Xue-qin, GRADSTEIN S. Robbert, WANG Jian, Floristic Habitat Sampling Yielded *Spruceanthus planifolius* (Lejeuneaceae, Marchantiophyta) New to China. *Phytotaxa* 455 (3): 229-234. 2020 [230]
CHINA (Zhejiang); JAPAN, KOREA

Liliaceae 百合科

Lilium sealyi Y. D. Gao [New Name]

R.: *Lilium farreri* (W. E. Evans) Y. D. Gao [nom. illeg.]; *Nomocharis farreri* (W. E. Evans) Harrow; *Nomocharis pardanthina* Franch. var. *farreri* W. E. Evans

GAO Yun-dong, GAO Xin-fen, *Lilium sealyi* Y. D. Gao, A New Name for *Lilium farreri* (W. E. Evans) Y. D. Gao. *Phytotaxa* 449 (3): 299-300. 2020 [299] doi: 10.11646/phytotaxa.449.3.9
CHINA (Yunnan); MYANMAR*

Lilium sealyi Y. D. Gao [Typification]

GAO Yun-dong, GAO Xin-fen, *Lilium sealyi* Y. D. Gao, A New Name for *Lilium farreri* (W. E. Evans) Y. D. Gao. *Phytotaxa* 449 (3): 299-300. 2020 [299] doi: 10.11646/phytotaxa.449.3.9

CHINA (Yunnan); MYANMAR*

Lilium tenii H. Lév. [New Synonyms]

S.: *Lilium lijiangense* L. J. Peng

GAO Yun-dong, GAO Xin-fen, Restore the Name *Lilium tenii* H. Lév. (Liliaceae), Which Has Priority Over the Later Synonym *L. lijiangense* L. J. Peng. *Phytotaxa* 428 (3): 295-300. 2020 [298] doi: 10.11646/phytotaxa.428.3.11
CHINA (Sichuan, Yunnan*)

Notholirion bulbuliferum (Lingelsh.) Stearn [New Synonyms]

S.: *Notholirion campanulatum* Cotton & Stearn

LI Juan, ZHOU Song-dong, YANG Mei, XIE Deng-feng, HE Xing-jin, *Notholirion campanulatum* Is Co-Specific with *N. bulbuliferum* (Liliaceae) Based on Morphology and Molecular Data. *Phytotaxa* 471 (3): 234-246. 2020 [284] doi: 10.11646/phytotaxa.471.3.5
CHINA (Shanxi, Sichuan*, Xizang)

Tricyrtis chinensis Hir. Takah. bis var. *glandulosa* Z. H. Chen, G. Y. Li & W. Y. Xie 毛果油点草 [New Variety]

CHEN Zheng-hai, ZHOU Qing, CHEN Gao-kun, XIE Wen-yuan, LI Gen-you, Notes on Seed Plant in Zhejiang Province (VI). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 73-77. 2020 [76] doi: 10.3969/j.issn.1001-3776.2020.04.013
CHINA (Zhejiang*)

Loganiaceae 马钱科

Mitreola crystallina Y. M. Shui & W. H. Chen 水晶度量草 [New Species] IUCN: DD; Evidence: Morphology

YOU Jian-rong, RAN Juan, LIU Cheng, SHUI Yu-min, LI Jia-xiang, WU Lei, Validation of the Name *Mitreola crystallina* (Loganiaceae), a New Species Endemic to Southwestern China. *Phytotaxa* 471 (2): 139-144. 2020 [140] doi: 10.11646/phytotaxa.471.2.4

CHINA (Yunnan*)

Lythraceae 千屈菜科

Lagerstroemia limii Merr. f. *albiflora* G. Y. Li & Z. H. Chen 白花福建紫薇 [New Form]

CHEN Zheng-hai, ZHOU Qing, CHEN Gao-kun, XIE Wen-yuan, LI Gen-you, Notes on Seed Plant in Zhejiang Province (VI). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 73-77. 2020 [76] doi: 10.3969/j.issn.1001-3776.2020.04.013
CHINA (Zhejiang*)

Sonneratia × *zhongcairongii* Y. S. Wang & S. H. Shi [New Nothospecies]

H.: *Sonneratia alba* Griff. × *Sonneratia apetala* Buch.-Ham.

ZHONG Cai-rong, LI Dong-lin, ZHANG Ying, Description of a New Natural *Sonneratia* Hybrid from Hainan Island, China. *PhytoKeys* 154: 1-9. 2020 [3] doi: 10.3897/phytokeys.154.53223
CHINA (Hainan*)

Trapa dimorphocarpa Z. S. Diao [New Species] IUCN: NE; Evidence: Morphology

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [9] doi: 10.11931/guihaia.gxzw201901002

CHINA (Fujian*)

Trapa dimorphocarpa Z. S. Diao [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [9] doi: 10.11931/guihaia.gxzw201901002
CHINA (Fujian*)

Trapa japonica Flerov [Typification]

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [10] doi: 10.11931/guihaia.gxzw201901002
CHINA; JAPAN*

Trapa natans L. 欧菱 [New Synonyms]

S.: *Trapa saissanica* (Flerow) V. N. Vassil.

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [5] doi: 10.11931/guihaia.gxzw201901002
CHINA (Hebei, Heilongjiang, Hubei, Jiangsu, Jiangxi, Jilin, Liaoning, Shaanxi, Shandong, Xinjiang); JAPAN, KOREA, RUSSIA; [EUROPE]; [AFRICA]

Trapa natans L. var. *bispinosa* (Roxb.) Makino 菱 [New Synonyms]

S.: *Trapa bicornis* Osbeck; *Trapa chinensis* Lour.; *Trapa cochinchinensis* Lour.; *Trapa taiwanensis* Nakai; *Trapa bicornis* Osbeck var. *taiwanensis* (Nakai) Z. T. Xiong

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [9] doi: 10.11931/guihaia.gxzw201901002
CHINA (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Mongol, Shaanxi, Shandong, Sichuan, Taiwan, Xinjiang, Xizang, Yunnan, Zhejiang); JAPAN, KOREA, RUSSIA, INDONESIA, MALAYSIA, PHILLIPPINES, VIETNAM, LAOS

Trapa natans L. var. *bispinosa* (Roxb.) Makino 菱 [Typification]

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [9] doi: 10.11931/guihaia.gxzw201901002
CHINA (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Nei Mongol, Shaanxi, Shandong, Sichuan, Taiwan, Xinjiang, Xizang, Yunnan, Zhejiang); JAPAN, KOREA, RUSSIA, INDONESIA, MALAYSIA, PHILLIPPINES, VIETNAM, LAOS

Trapa natans L. var. *complanata* (Z. T. Xiong) B. Y. Ding & X. F. Jin 格菱 [New Combination]

B.: *Trapa pseudoincisa* Nakai var. *complanata* Z. T. Xiong

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [13] doi: 10.11931/guihaia.gxzw201901002
CHINA (Anhui, Heilongjiang, Hubei*, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Shaanxi, Shandong, Shanghai, Zhejiang); JAPAN, KOREA, RUSSIA

Trapa natans L. var. *complanata* (Z. T. Xiong) B. Y. Ding & X. F. Jin 格菱 [New Synonyms]

S.: *Trapa pseudoincisa* Nakai var. *aspinta* Z. T. Xiong; *Trapa pseudoincisa* Nakai var. *nanchangensis* W. H. Wan

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [13] doi: 10.11931/guihaia.gxzw201901002
CHINA (Anhui, Heilongjiang, Hubei*, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Shaanxi, Shandong, Shanghai, Zhejiang); JAPAN, KOREA, RUSSIA

Trapa natans L. var. *komarovii* (Skvortsov) B. Y. Ding & X. F. Jin 四角菱 [New Combination]

B.: *Trapa amurensis* Flerow var. *komarovii* Skvortsov

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [7] doi: 10.11931/guihaia.gxzw201901002
CHINA (Anhui, Fujian, Hainan, Hebei, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Shanghai, Yunnan, Zhejiang); INDIA, JAPAN, RUSSIA, THAILAND

Trapa natans L. var. *komarovii* (Skvortsov) B. Y. Ding & X. F. Jin 四角菱 [New Synonyms]

S.: *Trapa acornis* Nakano; *Trapa quadrispinosa* Roxb.; *Trapa bicornis* Flerow var. *quadrispinosa* (Roxb.) Z. T. Xiong; *Trapa quadrispinosa* Roxb. var. *yongxiensis* W. H. Wan

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [7] doi: 10.11931/guihaia.gxzw201901002
CHINA (Anhui, Fujian, Hainan, Hebei, Hubei, Hunan, Jiangsu, Jiangxi, Jilin, Liaoning, Shanghai, Yunnan, Zhejiang); INDIA, JAPAN, RUSSIA, THAILAND

Trapa natans L. var. *magnicorona* (Z. T. Xiong) B. Y. Ding & X. F. Jin 冠菱 [New Combination]

B.: *Trapa japonica* Flerow var. *magnicorona* Z. T. Xiong

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [7] doi: 10.11931/guihaia.gxzw201901002

CHINA (Heilongjiang, Henan, Hubei*, Jiangxi, Jilin, Liaoning); JAPAN, KOREA, RUSSIA

Trapa natans L. var. *magnicorona* (Z. T. Xiong) B. Y. Ding & X. F. Jin 冠菱 [New Synonyms]

S.: *Trapa japonica* Flerow var. *longicollum* Z. T. Xiong (Z. T. Xiong 443, holotype: WH)

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [7] doi: 10.11931/guihaia.gxzw201901002

CHINA (Heilongjiang, Henan, Hubei*, Jiangxi, Jilin, Liaoning); JAPAN, KOREA, RUSSIA

Trapa natans L. var. *quadricaudata* (Glück) B. Y. Ding & X. F. Jin 野菱 [New Combination]

B.: *Trapa incisa* Siebold & Zucc. var. *quadricaudata* Glück

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [12] doi: 10.11931/guihaia.gxzw201901002

CHINA (Anhui, Fujian, Guizhou, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shanghai, Sichuan*, Yunnan, Zhejiang); JAPAN, VIETNAM

Trapa natans L. var. *quadricaudata* (Glück) B. Y. Ding & X. F. Jin 野菱 [New Synonyms]

S.: *Trapa maximowiczii* Korsh.; *Trapa natans* L. var. *pumila* Nakano

DING Bing-yang, JIN Xiao-feng, Taxonomic Notes on Genus *Trapa* L. (Trapaceae) in China. *Guihaia* 40 (1): 1-15. 2020 [12] doi: 10.11931/guihaia.gxzw201901002

CHINA (Anhui, Fujian, Guizhou, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shanghai, Sichuan*, Yunnan, Zhejiang); JAPAN, VIETNAM

Magnoliaceae 木兰科

Houpoea cathayana (D. L. Fu & T. B. Chao) Sima & H. Yu [New Combination]

B.: *Magnolia cathayana* D. L. Fu & T. B. Chao

SIMA Yong-kang, YU Hong, MA Hui-fen, HAO Jia-bo, CHEN Shao-yu, LI Shao-wen, FU Yu-pin, New Combinations in Magnoliaceae. *Journal of West China Forestry Science* 49 (4): 29-40. 2020 [32] doi: 10.16473/j.cnki.xblykx1972.2020.04.005

CHINA (Hunan*)

Houpoea officinalis (Rehder & E. H. Wilson) N. H. Xia & C. Y. Wu var. *biloba* (Rehder & E. H. Wilson) Sima & H. Yu [New Combination]

B.: *Magnolia officinalis* Rehder & E. H. Wilson var. *biloba* Rehder & E. H. Wilson

SIMA Yong-kang, YU Hong, MA Hui-fen, HAO Jia-bo, CHEN Shao-yu, LI Shao-wen, FU Yu-pin, New Combinations in Magnoliaceae. *Journal of West China Forestry Science* 49 (4): 29-40. 2020 [32] doi: 10.16473/j.cnki.xblykx1972.2020.04.005

CHINA (Jiangxi*)

Lirianthe shangsiensis (Y. W. Law, R. Z. Zhou & H. F. Chen) Sima & H. Yu [New Combination]

B.: *Magnolia shangsiensis* Y. W. Law, R. Z. Zhou & H. F. Chen

SIMA Yong-kang, YU Hong, MA Hui-fen, HAO Jia-bo, CHEN Shao-yu, LI Shao-wen, FU Yu-pin, New Combinations in Magnoliaceae. *Journal of West China Forestry Science* 49 (4): 29-40. 2020 [33] doi: 10.16473/j.cnki.xblykx1972.2020.04.005

CHINA (Guangxi*)

Magnolia admirabilis (Y. W. Law & R. Z. Zhou ex L. Fu, Q. W. Zeng & X. M. Hu) C. B. Callaghan & Png 奇异木莲 [New Combination]

B.: *Manglietia admirabilis* Y. W. Law & R. Z. Zhou ex L. Fu, Q. W. Zeng & X. M. Hu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [5] doi: 10.3897/phytokeys.146.52114

CHINA (Yunnan*)

Magnolia albistaminea (Y. W. Law, R. Z. Zhou & X. S. Qin) C. B. Callaghan & Png 白蕊木莲 [New Combination]

B.: *Manglietia albistaminea* Y. W. Law, R. Z. Zhou & X. S. Qin

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [6] doi: 10.3897/phytokeys.146.52114

CHINA (Guangdong*)

Magnolia baotaina (D. L. Fu, Qun Zhang & M. Xu) C. B. Callaghan & Png 宝台山玉兰 [New Combination]

B.: *Yulania baotaina* D. L. Fu, Qun Zhang & M. Xu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [6] doi: 10.3897/phytokeys.146.52114

CHINA (Yunnan*)

Magnolia calopectila (Y. W. Law & Y. F. Wu) C. B. Callaghan & Png 美毛含笑 [New Combination]

B.: *Michelia calopectila* Y. W. Law & Y. F. Wu

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [7] doi: 10.3897/phytokeys.146.52114
CHINA (Jiangxi*)

Magnolia cathcartii (Hook. f. & Thomson) Noot. [Typification]

KUMAR Anand, BHARATI Kumar Avinash, Typification of the Names *Michelia cathcartii* and *Magnolia gustavii* (Magnoliaceae). *Phytotaxa* 437 (3): 169-173. 2020 [169] doi: 10.11646/phytotaxa.435.2.6
CHINA (Xizang, Yunnan); INDIA*

Magnolia caudata (M. H. Wu, X. H. Wu & G. Y. Li) C. B. Callaghan & Png 尾叶含笑 [New Combination]

B.: *Michelia caudata* M. H. Wu, X. H. Wu & G. Y. Li

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [7] doi: 10.3897/phytokeys.146.52114
CHINA (Zhejiang*)

Magnolia cylindrica E. H. Wilson f. *purpurascens* (Ya L. Wang & S. Z. Zhang) G. Y. Li & Z. H. Chen 紫黄山木兰 [New Combination]

B.: *Magnolia cylindrica* E. H. Wilson var. *purpurascens* Ya L. Wang & S. Z. Zhang

CHEN Zheng-hai, ZHOU Qing, CHEN Gao-kun, XIE Wen-yuan, LI Gen-you, Notes on Seed Plant in Zhejiang Province (VI). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 73-77. 2020 [76] doi: 10.3969/j.issn.1001-3776.2020.04.013
CHINA (Zhejiang*)

Magnolia fallax (Dandy) C. B. Callaghan & Png 灰绒含笑 [New Combination]

B.: *Michelia fallax* Dandy

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [8] doi: 10.3897/phytokeys.146.52114
CHINA (Hunan*)

Magnolia gelida (T. B. Chao, Zhi X. Chen & D. L. Fu) C. B. Callaghan & Png 耐冬含笑 [New Combination]

B.: *Michelia gelida* T. B. Chao, Zhi X. Chen & D. L. Fu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [10] doi: 10.3897/phytokeys.146.52114
CHINA (Henan*)

Magnolia guangnanica (Da X. Li & R. Z. Zhou ex X. M. Hu, Q. W. Zeng & L. Fu) C. B. Callaghan & Png 广南木莲 [New Combination]

B.: *Manglietia guangnanica* Da X. Li & R. Z. Zhou ex X. M. Hu, Q. W. Zeng & L. Fu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [10] doi: 10.3897/phytokeys.146.52114
CHINA (Yunnan*)

Magnolia hunanensis (C. L. Peng & L. H. Yan) C. B. Callaghan & Png 湖南含笑 [New Combination]

B.: *Michelia hunanensis* C. L. Peng & L. H. Yan

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [11] doi: 10.3897/phytokeys.146.52114
CHINA (Hunan*)

Magnolia jinggangshanensis (R. L. Liu & Z. X. Zhang) C. B. Callaghan & Png 井冈山木莲 [New Combination]

B.: *Manglietia jinggangshanensis* R. L. Liu & Z. X. Zhang

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [12] doi: 10.3897/phytokeys.146.52114
CHINA (Jiangxi*)

Magnolia maguanica (Hung T. Chang & B. L. Chen) C. B. Callaghan & Png 马关木莲 [New Combination]

B.: *Manglietia maguanica* Hung T. Chang & B. L. Chen

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [13] doi: 10.3897/phytokeys.146.52114
CHINA (Yunnan*)

Magnolia maudiae (Dunn) Figlar var. *rubicunda* (T. P. Yi & J. C. Fan) C. B. Callaghan & Png 红花深山含笑 [New Combination]

B.: *Michelia maudiae* Dunn var. *rubicunda* T. P. Yi & J. C. Fan

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [13] doi: 10.3897/phytokeys.146.52114
CHINA (Sichuan*)

Magnolia multitepala (R. Z. Zhou & S. G. Jian) C. B. Callaghan & Png 多瓣含笑 [New Combination]

B.: *Michelia multitepala* R. Z. Zhou & S. G. Jian

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [14] doi: 10.3897/phytokeys.146.52114

CHINA (Yunnan*)

Magnolia officinalis Rehder & E. H. Wilson f. *rubicunda* (T. P. Yi) G. Y. Li & Z. H. Chen 红花凹叶厚朴 [New Combination]

B.: *Magnolia officinalis* Rehder & E. H. Wilson var. *rubicunda* T. P. Yi

CHEN Zheng-hai, ZHOU Qing, CHEN Gao-kun, XIE Wen-yuan, LI Gen-you, Notes on Seed Plant in Zhejiang Province (VI). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 73-77. 2020 [76] doi: 10.3969/j.issn.1001-3776.2020.04.013

CHINA (Sichuan*)

Magnolia pendula (D. L. Fu) C. B. Callaghan & Png 垂枝玉兰 [New Combination]

B.: *Yulania pendula* D. L. Fu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [14] doi: 10.3897/phytokeys.146.52114

CHINA (Sichuan*)

Magnolia pilocarpa Z. Z. Zhao & Z. W. Xie var. *ellipticifolia* (D. L. Fu, T. B. Chao & J. Zhao) C. B. Callaghan & Png 椭圆叶罗田玉兰 [New Combination]

B.: *Yulania pilocarpa* (Z. Z. Zhao & Z. W. Xie) D. L. Fu var. *ellipticifolia* D. L. Fu, T. B. Chao & J. Zhao

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [15] doi: 10.3897/phytokeys.146.52114

CHINA (Henan*)

Magnolia platypetala (Hand.-Mazz.) C. B. Callaghan & Png 阔瓣含笑 [New Combination]

B.: *Michelia platypetala* Hand.-Mazz.

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [16] doi: 10.3897/phytokeys.146.52114

CHINA (Hunan*)

Magnolia puberula (D. L. Fu) C. B. Callaghan & Png 短毛玉兰 [New Combination]

B.: *Yulania puberula* D. L. Fu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [17] doi: 10.3897/phytokeys.146.52114

CHINA (Hubei*)

Magnolia pubipedunculata (Q. W. Zeng & X. M. Hu) C. B. Callaghan & Png 柔毛花梗木莲 [New Combination]

B.: *Manglietia pubipedunculata* Q. W. Zeng & X. M. Hu

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [18] doi: 10.3897/phytokeys.146.52114

CHINA (Yunnan*)

Magnolia pubipetala (Q. W. Zeng) C. B. Callaghan & Png 毛瓣木莲 [New Combination]

B.: *Manglietia pubipetala* Q. W. Zeng

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [19] doi: 10.3897/phytokeys.146.52114

CHINA (Yunnan*)

Magnolia rubriflora (Y. W. Law & R. Z. Zhou ex F. G. Wang, Q. W. Zeng, R. Z. Zhou & F. W. Xing) C. B. Callaghan & Png 红花含笑 [New Combination]

B.: *Michelia rubriflora* Y. W. Law & R. Z. Zhou ex F. G. Wang, Q. W. Zeng, R. Z. Zhou & F. W. Xing

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [19] doi: 10.3897/phytokeys.146.52114

CHINA (Hainan*)

Magnolia rufisyncarpa (Y. W. Law, R. Z. Zhou & F. G. Wang) C. B. Callaghan & Png 红雌蕊木莲 [New Combination]

B.: *Manglietia rufisyncarpa* Y. W. Law, R. Z. Zhou & F. G. Wang

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [21] doi: 10.3897/phytokeys.146.52114

CHINA (Yunnan*)

Magnolia septipetala (Z. L. Nong) C. B. Callaghan & Png 七瓣含笑 [New Combination]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

B.: *Michelia septipetala* Z. L. Nong

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [22] doi: 10.3897/phytokeys.146.52114

CHINA (Jiangxi*)

Magnolia sinoconifera (F. N. Wei) C. B. Callaghan & Png 那坡木莲 [New Combination]

B.: *Manglietia sinoconifera* F. N. Wei

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [24] doi: 10.3897/phytokeys.146.52114

CHINA (Guangxi*)

Magnolia urceolata (D. L. Fu, B. H. Xiong & X. Chen) C. B. Callaghan & Png 宽瓣玉兰 [New Combination]

B.: *Yulania urceolata* D. L. Fu, B. H. Xiong & X. Chen

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [25] doi: 10.3897/phytokeys.146.52114

CHINA (Guizhou*)

Magnolia xinningia (Y. W. Law & R. Z. Zhou ex Q. X. Ma, Q. W. Zeng, R. Z. Zhou & F. W. Xing) C. B. Callaghan & Png 新宁含笑 [New Combination]

B.: *Michelia xinningia* Y. W. Law & R. Z. Zhou ex Q. X. Ma, Q. W. Zeng, R. Z. Zhou & F. W. Xing

CALLAGHAN Christopher B., PNG Siak K., Twenty-six Additional New Combinations in the Magnolia (Magnoliaceae) of China and Vietnam. *PhytoKeys* 146: 1-35. 2020 [25] doi: 10.3897/phytokeys.146.52114

CHINA (Hunan*)

Yulania biondii (Pamp.) D. L. Fu var. *purpurascens* (Ya L. Wang & S. Z. Zhang) Sima & H. Yu [New Combination]

B.: *Magnolia biondii* Pamp. var. *purpurascens* Ya L. Wang & S. Z. Zhang

SIMA Yong-kang, YU Hong, MA Hui-fen, HAO Jia-bo, CHEN Shao-yu, LI Shao-wen, FU Yu-pin, New Combinations in Magnoliaceae. *Journal of West China Forestry Science* 49 (4): 29-40. 2020 [39] doi: 10.16473/j.cnki.xblykx1972.2020.04.005

CHINA (Shaanxi*)

Yulania cylindrica (E. H. Wilson) D. L. Fu var. *purpurascens* (Ya L. Wang & S. Z. Zhang) Sima & H. Yu [New Combination]

B.: *Magnolia cylindrica* E. H. Wilson var. *purpurascens* Ya L. Wang & S. Z. Zhang

SIMA Yong-kang, YU Hong, MA Hui-fen, HAO Jia-bo, CHEN Shao-yu, LI Shao-wen, FU Yu-pin, New Combinations in Magnoliaceae. *Journal of West China Forestry Science* 49 (4): 29-40. 2020 [39] doi: 10.16473/j.cnki.xblykx1972.2020.04.005

CHINA (Zhejiang*)

Yulania denudata (Desr.) D. L. Fu var. *glabrata* (Ya L. Wang & S. Z. Zhang) Sima & H. Yu [New Combination]

B.: *Magnolia denudata* Desr. var. *glabrata* Ya L. Wang & S. Z. Zhang

SIMA Yong-kang, YU Hong, MA Hui-fen, HAO Jia-bo, CHEN Shao-yu, LI Shao-wen, FU Yu-pin, New Combinations in Magnoliaceae. *Journal of West China Forestry Science* 49 (4): 29-40. 2020 [39] doi: 10.16473/j.cnki.xblykx1972.2020.04.005

CHINA (Hunan*)

Malvaceae 锦葵科

Firmiana daweishanensis Gui L. Zhang & J. Y. Xiang [New Species] IUCN: EN: B; Evidence: Morphology

ZHANG Gui-liang, CAI Lei, DUAN Jie-qiu, WANG Ting, XIANG Jian-ying, *Firmiana daweishanensis* sp. nov. (Malvaceae) from Southeast Yunnan, China. *Phytotaxa* 456 (2): 215-218. 2020 [215] doi: 10.11646/phytotaxa.456.2.10

CHINA (Yunnan*)

Thespesia populnea (L.) Sol. ex Corrêa [Typification]

ARECES-BERAZAIN Fabiola, ACKERMAN James D., A Revision of *Thespesia* and allied genera in Tribe Gossypieae (Malvaceae-Malvoideae). *Brittonia* 72 (1): 62-110. 2020 [94] doi: 10.1186/s40529-020-00298-y

CHINA (Guangdong, Hainan, Hong Kong, Taiwan); CAMBODIA, INDIA, JAPAN, PHILIPPINES, SRI LANKA*, THAILAND, VIETNAM; [AFRICA]; [AMERICA]

Tilia oblongifolia Rehder 矩圆叶椴 [New Synonyms]

S.: *Tilia tuan* Szyszyl. subsp. *oblongifolia* (Rehder) Pigott

ZHANG Zhong-zhao, CHEN Zheng-hai, CHEN Feng, XIE Wen-yuan, LI Gen-you, Additional Notes on the Seed Plant Flora of Zhejiang (VII). *Journal of Zhejiang Forestry Science and Technology* 40 (6): 52-55. 2020 [53] doi: 10.3969/j.issn.1001-3776.2020.06.008

CHINA (Anhui*, Hunan, Zhejiang)

Marattiaceae 合囊蕨科

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Angiopteris tamdaoensis (Hayata) J. Y. Xiang & Ting Wang tris [New Combination]

B.: *Archangiopteris tamdaoensis* Hayata

WANG Ting, XIAO Bo, LIU En-de, NGUYEN Khang Sinh, DUAN Jie-qiu, WANG Kang-lin, YAN Yue-hong, XIANG Jian-ying, Rediscovery of *Angiopteris tonkinensis* (Marattiaceae) after 100 Years, and Its Revision. *PhytoKeys* 161: 1-9. 2020 [7] doi: 10.3897/phytokeys.161.54912

CHINA (Hainan); VIET NAM

Angiopteris tonkinensis (Hayata) J. M. Camus [New Record]

WANG Ting, XIAO Bo, LIU En-de, NGUYEN Khang Sinh, DUAN Jie-qiu, WANG Kang-lin, YAN Yue-hong, XIANG Jian-ying, Rediscovery of *Angiopteris tonkinensis* (Marattiaceae) after 100 Years, and Its Revision. *PhytoKeys* 161: 1-9. 2020 [7] doi: 10.3897/phytokeys.161.54912

CHINA (Yunnan); VIET NAM*

Mayacaceae 花水蘚科

Mayaca fluviatilis Aubl. [New Record]

SU Fan, GUO Ya-nan, ZHOU Xin-xin, WANG Rui-jiang, Mayacaceae, a Newly Naturalized Family for the Flora of China. *Phytotaxa* 447 (1): 77-80. 2020 [77] doi: 10.11646/phytotaxa.447.1.9

CHINA (Guangdong); FRENCH GUIANA*

Melanthiaceae 藜芦科

Chamaelirium shimentaiense Y. H. Tong, C. M. He & Y. Q. Li 石门台白丝草 [New Species] IUCN: VU: D2; Evidence: Morphology TONG Yi-hua, LI Yuan-qiu, GUO Guo-xin, DAI Ke-yuan, ZENG Yang-jin, HE Chun-mei, *Chamaelirium shimentaiense* (Melanthiaceae), a New Species from Guangdong, China. *Nordic Journal of Botany* 38 (e02634): 1-3. 2020 [2] doi: 10.1111/njb.02634

CHINA (Guangdong*)

Melastomataceae 野牡丹科

Anplectrum yunnanense Kraenzl. [Typification]

KARTONEGORO Abdulrohman, LIU Ying, OLIVEIRA de Sylvia Mota, WELZEN Peter Van, A Taxonomic Revision of *Pseudodissochaeta* (Melastomataceae, Dissochaeteae). *Phytotaxa* 468 (2): 159-174. 2020 [167] doi: 10.11646/phytotaxa.468.2.1

CHINA (Yunnan*)

Bredia hispida J. H. Dai & Ying Liu [New Species] IUCN: NE; Evidence: nrITS; Morphology

DAI Jin-hong, ZHOU Qiu-jie, ZHOU Ren-chao, LIU Ying, A New Species of *Bredia* (Sonerileae, Melastomataceae) from Sichuan, China. *PhytoKeys* 152: 1-14. 2020 [9] doi: 10.3897/phytokeys.152.53512

CHINA (Sichuan*)

Bredia reniformis C. M. He, Y. H. Tong & S. Jin Zeng [New Species] IUCN: DD; Evidence: Morphology

HE Chun-mei, ZENG Si-jin, LI Shu-wan, TONG Yi-hua, *Bredia reniformis* (Melastomataceae), A New Species from Guangxi, China. *Nordic Journal of Botany* 38 (e02525): 1-3. 2020 [2] doi: 10.1111/njb.02525

CHINA (Guangxi*)

Melastoma candidum D. Don f. *albiflorum* J. C. Ou 白花野牡丹 [Typification]

ZHANG Xin-jian, DAI Jin-hong, LIU Xiao-zhou, LI Zi-hua, LEE Shiou-yih, ZHOU Ren-chao, TAN Guang-wen, Lectotypification of the Name *Melastoma candidum* f. *albiflorum* and Its Taxonomic Status. *PhytoKeys* 146: 47-52. 2020 [50] doi: 10.3897/phytokeys.146.49929

CHINA (Taiwan*)

Meliaceae 楝科

Toona fargesii A. Chev. 红花香椿 [Correction]

A.: *Toona ciliata* M. Roem. var. *pubescens* auct. non. (Franch.) Hand.-Mazz.: Z. Wei & Y. B. Zhang in Z. Wei & Y. Q. He, *Fl. Zhejiang* 3: 452. 1993

CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [97] doi: 10.12191/j.issn.1674-232X.2020.06.014

CHINA (Zhejiang)

Meteoriaceae 蔓蘚科

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Neodictyella capillicaulis (Renauld & Cardot) G. W. Naren & Y. Jia [New Combination]

B.: *Aerobryum capillicaulis* Renauld & Cardot

NAREN Gao Wa, JIA Yu, Taxonomic Study on Meteoriaceae I. Reappraisal of Some Species of *Barbella* and *Pseudotrachypus*. *Journal of Bryology* 42 (4): 333-342. 2020 [341] doi: 10.1080/03736687.2020.1839247

CHINA (Fujian, Guangxi, Jiangxi, Yunnan); JAPAN, MADAGASCAR*

Neodictyella capillicaulis (Renauld & Cardot) G. W. Naren & Y. Jia [New Record]

NAREN Gao Wa, JIA Yu, Taxonomic Study on Meteoriaceae I. Reappraisal of Some Species of *Barbella* and *Pseudotrachypus*. *Journal of Bryology* 42 (4): 333-342. 2020 [341] doi: 10.1080/03736687.2020.1839247

CHINA (Fujian, Guangxi, Jiangxi, Yunnan); JAPAN, MADAGASCAR*

Mniaceae 提灯藓科

Orthomnion elimbatum (Nog.) T. J. Kop. [New Record]

YI Yan-jun, XIAO Xiao-xuan, LI Yan, HE Si, *Orthomnion elimbatum* (Mniaceae, Bryophyta), a Malesian and Australian Species New to China and Vietnam Based on Molecular Data. *Phytotaxa* 451 (3): 206-214. 2020 [209] doi: 10.11646/phytotaxa.451.3.3

CHINA (Xizang, Yunnan); PAPUA NEW GUINEA

Pohlia tundrae A. J. Shaw 冻原丝瓜藓 [New Record]

WANG Xiao-rui, FAN Ying-jie, ZHAO Jian-cheng, SHAO Xiao-ming, *Pohlia tundrae* A. J. Shaw (Mielichhoferiaceae, Bryophyta), a New Recorded Species to China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (6): 1070-1074. 2020 [1071] doi: 10.7606/j.issn.1000-4025.2020.06.1070

CHINA (Xizang); [ASIA], [EUROPE]

Moraceae 桑科

Ficus howii Merr. & Chun [New Synonyms]

S.: *Ficus pubigera* (Miq.) Wall. ex Brandis var. *reticulata* S. S. Chang

ZHANG Zhen, LIAO Shuai, LI Hong-qing, ZHANG De-shun, Identifications and Typifications of *Ficus pubigera* var. *maliformis* and Related Names. *Phytotaxa* 464 (1): 102-108. 2020 [105] doi: 10.11646/phytotaxa.464.1.9

CHINA (Guangxi, Guizhou, Hainan, Xizang, Yunnan*); INDIA, LAOS, MYANMAR, THAILAND

Ficus jingningensis X. D. Mei, Z. H. Chen & G. Y. Li 景宁榕 [New Species] IUCN: NE; Evidence: Morphology

CHEN Zheng-hai, MEI Xu-dong, CHEN Feng, XIE Wen-yuan, LI Gen-you, *Ficus jingningensis* (Moraceae), a New Species from Zhejiang. *Journal of Zhejiang Forestry Science and Technology* 40 (5): 52-54. 2020 [53] doi: 10.3969/j.issn.1001-3776.2020.05.009

CHINA (Zhejiang*)

Ficus pubigera (Miq.) Wall. ex Brandis var. *maliformis* (King) Corner [New Synonyms]

S.: *Ficus yunnanensis* S. S. Chang

ZHANG Zhen, LIAO Shuai, LI Hong-qing, ZHANG De-shun, Identifications and Typifications of *Ficus pubigera* var. *maliformis* and Related Names. *Phytotaxa* 464 (1): 102-108. 2020 [102] doi: 10.11646/phytotaxa.464.1.9

CHINA (Yunnan); INDIA*, MYANMAR

Ficus pubigera (Miq.) Wall. ex Brandis var. *maliformis* (King) Corner [Typification]

ZHANG Zhen, LIAO Shuai, LI Hong-qing, ZHANG De-shun, Identifications and Typifications of *Ficus pubigera* var. *maliformis* and Related Names. *Phytotaxa* 464 (1): 102-108. 2020 [102] doi: 10.11646/phytotaxa.464.1.9

CHINA (Yunnan); INDIA*, MYANMAR

Maclura montana Z. P. Lei, G. Y. Li & Z. H. Chen 山地柘 [New Species] IUCN: NE; Evidence: Morphology

LEI Zu-pei, CHEN Zheng-hai, XIE Wen-yuan, MEI Xu-dong, LIN Li-si, LI Gen-you, A New Species of *Maclura* Nutt. (Moraceae) from Mountains in Southern Zhejiang. *Journal of Zhejiang Forestry Science and Technology* 40 (6): 61-63. 2020 [62] doi: 10.3969/j.issn.1001-3776.2020.06.010

CHINA (Zhejiang*)

Maclura orientalis G. Y. Li, W. Y. Xie & Z. H. Chen 东部藤柘 [New Species] IUCN: NE; Evidence: Morphology

CHEN Zheng-hai, LEI Zu-pei, XIE Wen-yuan, MEI Xu-dong, LIU Xi, LI Gen-you, A New Species of *Maclura* Nutt. (Moraceae) from China. *Journal of Zhejiang Forestry Science and Technology* 40 (5): 55-58. 2020 [56] doi: 10.3969/j.issn.1001-3776.2020.05.010

CHINA (Zhejiang*)

Myrtaceae 桃金娘科

Syzygium jambos (L.) Alston [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

SINGH Rajeev Kumar, ARIGELA Ravi kiran, Lectotypifications and New Synonyms in Indian Syzygium (Myrtaceae). *Phytotaxa* 429 (3): 200-216. 2020 [210] doi: 10.11646/phytotaxa.429.3.2
CHINA (Yunnan); INDIA, SRI LANKA*

Syzygium tetragonum Wall. ex Wight [Typification]

SINGH Rajeev Kumar, ARIGELA Ravi kiran, Lectotypifications and New Synonyms in Indian Syzygium (Myrtaceae). *Phytotaxa* 429 (3): 200-216. 2020 [213] doi: 10.11646/phytotaxa.429.3.2
CHINA (Guangxi, Hainan, Xizang, Yunnan); BHUTAN, INDIA*, MYANMAR, NEPAL, THAILAND

Syzygium verticillatum (C. Chen) G. Y. Li & Z. H. Chen 轮叶赤楠 [New Combination]

B.: *Syzygium buxifolium* Hook. & Arn. var. *verticillatum* C. Chen

CHEN Zheng-hai, ZHOU Qing, CHEN Gao-kun, XIE Wen-yuan, LI Gen-you, Notes on Seed Plant in Zhejiang Province (VI). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 73-77. 2020 [76] doi: 10.3969/j.issn.1001-3776.2020.04.013
CHINA (Anhui, Fujian, Guangdong, Guangxi*, Guizhou, Hunan, Jiangxi, Zhejiang)

Syzygium tetragonum (L.) DC. [Typification]

SINGH Rajeev Kumar, ARIGELA Ravi kiran, Lectotypifications and New Synonyms in Indian Syzygium (Myrtaceae). *Phytotaxa* 429 (3): 200-216. 2020 [213] doi: 10.11646/phytotaxa.429.3.2
CHINA (Guangdong, Guangxi); CAMBODIA, INDIA, INDONESIA, LAOS, MALAYSIA, MYANMAR, SRI LANKA*, THAILAND, VIETNAM

Oleaceae 木樨科

Chengiodendron C. B. Shang, X. R. Wang, Yi F. Duan & Yong F. Li [New Genus]

LI Yong-fu, ZHANG Min, WANG Xian-rong, SYLVESTER Steven Paul, XIANG Qi-bai, LI Xuan, LI Meng, ZHU Hong, ZHANG Cheng, CHEN Lin, YI Xian-gui, MAO Ling-feng, DUAN Yi-fan, Revisiting the phylogeny and Taxonomy of Osmanthus (Oleaceae) including Description of the New Genus Chengiodendron. *Phytotaxa* 436 (3): 283-292. 2020 [289] doi: 10.11646/phytotaxa.436.3.6
CHINA

Chengiodendron marginatum (Champ. ex Benth.) C. B. Shang, X. R. Wang, Yi F. Duan & Yong F. Li [New Combination]

B.: *Olea marginata* Champ. ex Benth.

LI Yong-fu, ZHANG Min, WANG Xian-rong, SYLVESTER Steven Paul, XIANG Qi-bai, LI Xuan, LI Meng, ZHU Hong, ZHANG Cheng, CHEN Lin, YI Xian-gui, MAO Ling-feng, DUAN Yi-fan, Revisiting the phylogeny and Taxonomy of Osmanthus (Oleaceae) including Description of the New Genus Chengiodendron. *Phytotaxa* 436 (3): 283-292. 2020 [289] doi: 10.11646/phytotaxa.436.3.6
CHINA (Hong Kong*)

Chengiodendron matsumuranum (Hayata) C. B. Shang, X. R. Wang, Yi F. Duan & Yong F. Li [New Combination]

B.: *Osmanthus matsumuranus* Hayata

LI Yong-fu, ZHANG Min, WANG Xian-rong, SYLVESTER Steven Paul, XIANG Qi-bai, LI Xuan, LI Meng, ZHU Hong, ZHANG Cheng, CHEN Lin, YI Xian-gui, MAO Ling-feng, DUAN Yi-fan, Revisiting the phylogeny and Taxonomy of Osmanthus (Oleaceae) including Description of the New Genus Chengiodendron. *Phytotaxa* 436 (3): 283-292. 2020 [290] doi: 10.11646/phytotaxa.436.3.6
CHINA (Anhui, Guangdong, Guangxi, Guizhou, Jiangxi, Taiwan, Yunnan, Zhejiang); CAMBODIA, INDIA, VIET NAM*

Chengiodendron minor (P. S. Green) C. B. Shang, X. R. Wang, Yi F. Duan & Yong F. Li [New Combination]

B.: *Osmanthus minor* P. S. Green

LI Yong-fu, ZHANG Min, WANG Xian-rong, SYLVESTER Steven Paul, XIANG Qi-bai, LI Xuan, LI Meng, ZHU Hong, ZHANG Cheng, CHEN Lin, YI Xian-gui, MAO Ling-feng, DUAN Yi-fan, Revisiting the phylogeny and Taxonomy of Osmanthus (Oleaceae) including Description of the New Genus Chengiodendron. *Phytotaxa* 436 (3): 283-292. 2020 [290] doi: 10.11646/phytotaxa.436.3.6
CHINA (Guangdong*)

Jasminum chiaie Kai Zhang & D. X. Zhang [New Species] IUCN: CR; Evidence: Morphology

ZHANG Kai, WU Ming-song, QIAN Xin, ZHANG Dian-xiang, *Jasminum chiaie* sp. nov. (Oleaceae), from a Tropical Limestone Area in Yunnan, China. *Nordic Journal of Botany* 38 (e02857): 1-6. 2020 [3] doi: 10.1111/njb.02857
CHINA (Yunnan*)

Jasminum parceflorum Kai Zhang & D. X. Zhang [New Species] IUCN: VU: D1; Evidence: Morphology

ZHANG Kai, WU Ming-song, PAN Bo, ZHOU Lian-xuan, ZHANG Dian-xiang, *Jasminum parceflorum* (Oleaceae), a New Species from Southern Yunnan, China. *PhytoKeys* 146: 109-115. 2020 [110] doi: 10.3897/phytokeys.146.49625
CHINA (Yunnan*)

Ligustrum purpurascens Yen C. Yang 紫枝女贞 [Correction]

A.: *Ligustrum robustum* auct., non (Roxb.) Blume: M. C. Chang & L. Q. Qiu in Fl. Reipubl. Popularis Sin. 61: 155. 1992.

CHEN Lin, ZHEN Shuang-long, XIE Wen-yuan, LIN Feng, CHEN Zheng-hai, Additional Notes on the Seed Plant Flora in Zhejiang (V). *Journal of Wenzhou University (Natural Science Edition)* 41 (4): 33-38. 2020 [33] doi: 10.3875/j.issn.1674-3563.2020.04.006

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Anhui, Fujian, Gangdong, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Sichuan*, Yunnan)

Onagraceae 柳叶菜科

Chamaenerion speciosum (Decaisne) Hoch & K. Gandhi [New Combination]

B.: *Epilobium speciosum* Decaisne

HOCH Peter C., GANDHI Kanchi, Nomenclatural Changes in Onagraceae. *PhytoKeys* 145: 57-62. 2020 [60] doi: 10.3897/phytokeys.145.51139

CHINA (Xizang); INDIA*

Ophioglossaceae 瓶尔小草科

Sahashia Li Bing Zhang & Liang Zhang [New Genus]

ZHANG Liang, FAN Xue - ping, PETCHSRI Sahanat, ZHOU Lin, POLLAWATN Rossarin, ZHANG Xin, ZHOU Xin - mao, LU Ngan Thi, KNAPP Ralf, CHANTANAORRAPINT Sahut, LIMPANASITTICHAI Ponpipat, SUN Hang, GAO Xin - fen, ZHANG Li - bing, Evolutionary Relationships of the Ancient Fern Lineage the Adder's Tongues (Ophioglossaceae) with Description of *Sahashia* gen. nov. *Cladistics* 36 (4): 380-393. 2020 [387] doi: 10.1111/cld.12408

CHINA

Sahashia stricta (Underw.) Li Bing Zhang & Liang Zhang [New Combination]

B.: *Botrychium strictum* Underw.

ZHANG Liang, FAN Xue - ping, PETCHSRI Sahanat, ZHOU Lin, POLLAWATN Rossarin, ZHANG Xin, ZHOU Xin - mao, LU Ngan Thi, KNAPP Ralf, CHANTANAORRAPINT Sahut, LIMPANASITTICHAI Ponpipat, SUN Hang, GAO Xin - fen, ZHANG Li - bing, Evolutionary Relationships of the Ancient Fern Lineage the Adder's Tongues (Ophioglossaceae) with Description of *Sahashia* gen. nov. *Cladistics* 36 (4): 380-393. 2020 [388] doi: 10.1111/cld.12408

CHINA (Chongqing, Gansu, Heilongjiang, Henan, Hubei, Jilin, Liaoning, Nei Mongol, Shaanxi, Sichuan); KOREA, JAPAN*, RUSSIA

Orchidaceae 兰科

Arundina graminifolia (D. Don) Hochr. var. *jiningensis* W. H. Rao & Y. Y. Pan 金平竹叶兰 [New Variety]

RAO Wen-hui, CHEN Jian-bing, KONG De-min, HUANG Jie, LI Li-qiang, PAN Yun-yun, "Arundina graminifolia var. jiningensis, a New Variety of Arundina from Yunnan, China". *Forest Science and Technology* (8): 101-102. 2020 [101] doi: 10.13456/j.cnki.lykt.2019.08.08.0001

CHINA (Yunnan*)

Blepharoglossum (Schltr.) L. Li [New Genus]

LI Lin, CHUNG Shih-wen, LI Bo, ZENG Song-jun, YAN Hai-fei, LI Shi-jin, New insight into the Molecular Phylogeny of the Genus *Liparis* s. l. (Orchidaceae: Malaxideae) with a New Generic Segregate: *Blepharoglossum*. *Plant Systematics and Evolution* 306 (54): 1-10. 2020 [6] doi: 10.1007/s00606-020-01679-3

CHINA

Blepharoglossum condylobulbon (Rchb. f.) L. Li [New Combination]

B.: *Liparis condylobulbon* Rchb. f.

LI Lin, CHUNG Shih-wen, LI Bo, ZENG Song-jun, YAN Hai-fei, LI Shi-jin, New insight into the Molecular Phylogeny of the Genus *Liparis* s. l. (Orchidaceae: Malaxideae) with a New Generic Segregate: *Blepharoglossum*. *Plant Systematics and Evolution* 306 (54): 1-10. 2020 [7] doi: 10.1007/s00606-020-01679-3

CHINA (Taiwan); INDIA, INDONESIA*, PHILIPPINES

Blepharoglossum fissilabrum (T. Tang & F. T. Wang) L. Li [New Combination]

B.: *Liparis fissilabris* T. Tang & F. T. Wang

LI Lin, CHUNG Shih-wen, LI Bo, ZENG Song-jun, YAN Hai-fei, LI Shi-jin, New insight into the Molecular Phylogeny of the Genus *Liparis* s. l. (Orchidaceae: Malaxideae) with a New Generic Segregate: *Blepharoglossum*. *Plant Systematics and Evolution* 306 (54): 1-10. 2020 [8] doi: 10.1007/s00606-020-01679-3

CHINA (Hainan)

Blepharoglossum grossum (Rchb. f.) L. Li [New Combination]

B.: *Liparis grossa* Rchb. f.

LI Lin, CHUNG Shih-wen, LI Bo, ZENG Song-jun, YAN Hai-fei, LI Shi-jin, New insight into the Molecular Phylogeny of the Genus *Liparis* s. l. (Orchidaceae: Malaxideae) with a New Generic Segregate: *Blepharoglossum*. *Plant Systematics and Evolution* 306 (54): 1-10. 2020 [8] doi: 10.1007/s00606-020-01679-3

CHINA (Taiwan); MYANMAR*

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Blepharoglossum latifolium (Lindl.) L. Li [New Combination]

B.: *Liparis latifolia* Lindl.

LI Lin, CHUNG Shih-wen, LI Bo, ZENG Song-jun, YAN Hai-fei, LI Shi-jin, New insight into the Molecular Phylogeny of the Genus *Liparis* s. l. (Orchidaceae: Malaxideae) with a New Generic Segregate: *Blepharoglossum*. *Plant Systematics and Evolution* 306 (54): 1–10. 2020 [8] doi: 10.1007/s00606-020-01679-3

CHINA (Hainan); INDONESIA*, MALAYSIA

Brachycorythis menglianensis Y. Y. Qian 孟连苞叶兰 [Rediscovery]

WANG Yu-qian, LIU Qiang, WU Xun-feng, LI Jin-long, WANG Bo-yi, PAN Bo, Rediscovery of *Brachycorythis menglianensis* (Orchidaceae) with Additional Descriptive Notes. *Guihaia* 40 (11): 1623–1627. 2020 [1624] doi: 10.11931/guihaia.gxzw201906049

CHINA (Yunnan*)

Bulbophyllum gedangense Y. Luo, J. P. Deng & Jian W. Li [New Species] IUCN: DD; Evidence: Morphology

LUO Yan, DENG Jian-ping, PENG Yu-lan, YAN Li-chun, LI Jian-wu, *Bulbophyllum gedangense* (Orchidaceae, Epidendroideae, Malaxideae), a New Species from Tibet, China. *Phytotaxa* 453 (2): 145–150. 2020 [146] doi: 10.11646/phytotaxa.453.2.6

CHINA (Xizang*)

Bulbophyllum lingii M. Z. Huang, G. S. Yang & J. M. Yin 凌氏石豆兰 [New Species] IUCN: DD; Evidence: Morphology

HUANG Ming-zhong, YANG Guang-sui, LAN Si-ren, YIN Jun-mei, *Bulbophyllum lingii*, a New Species (Malaxideae, Epidendroideae, Orchidaceae) from Hainan, China. *Phytotaxa* 452 (2): 185–188. 2020 [185] doi: 10.11646/phytotaxa.452.2.8

CHINA (Hainan*)

Bulbophyllum linzhiense Liang Ma & S. P. Chen 林芝石豆兰 [New Species] IUCN: CR; Evidence: ITS, matK, atpI-atpH, trnL-F; Morphology

MA Liang, ZHANG Sai, ZHOU Zhuang, LAN Si-ren, CHEN Shi-pin, *Bulbophyllum linzhiense* (Orchidaceae, Malaxideae), a New Species from China. *Phytotaxa* 429 (4): 281–288. 2020 [287] doi: 10.11646/phytotaxa.429.4.4

CHINA (Xizang*)

Bulbophyllum omerandrum Hayata var. *macropetalum* Liang Ma, Xin Y. Chen & S. P. Chen 大瓣卷瓣兰 [New Variety]

MA Liang, CHEN Xin-yan, TU Xiong-de, CHEN Shi-pin, LAN Si-ren, *Bulbophyllum omerandrum* var. *macropetalum*, a New Variety of Orchidaceae from Fujian, China. *Journal of Fujian Agriculture and Forestry University (Natural Science Edition)* 49 (5): 597–599. 2020 [597] doi: 10.13323/j.cnki.j.fafu(nat.sci.)2020.05.004

CHINA (Fujian*)

Calanthe sieboldopsis Bo Y. Yang & Bo Li 异大黄花虾脊兰 [New Species] IUCN: CR; D; Evidence: Morphology

YANG Bo-yun, LUO Huo-lin, HUANG Wei-chang, XIONG Dong-jin, TAN Shao-lin, LI Bo, *Calanthe sieboldopsis* (Orchidaceae, Epidendroideae, Collabieae), a New Species from Luoxiao Mountains, Eastern China. *PhytoKeys* 145: 37–45. 2020 [39] doi: 10.3897/phytokeys.145.49386

CHINA (Jiangxi*)

Calanthe tsiana Y. Q. Chen, J. W. Zhai & S. R. Lan 吉氏虾脊兰 [New Species] IUCN: NE; Evidence: rITS, matK, trnL-trnF, rbcL; Morphology

CHEN Yan-qiong, ZHU Ya-ting, ZHONG Hui, LI Ze-xin, LIU Zhong-jian, ZHAI Jun-wen, LAN Si-ren, *Calanthe tsiana*, a New Orchid Species from China (Epidendroideae: Collabieae): Evidence from Morphological and Molecular Analyses. *Phytotaxa* 428 (1): 67–72. 2020 [70] doi: 10.11646/phytotaxa.428.1.7

CHINA (Yunnan*)

Cheirostylis barbata Q. Liu & X. F. Wu 流苏叉柱兰 [New Species] IUCN: DD; Evidence: Morphology

WU Xun-feng, LIU Qiang, LI Jin-long, TANG Zong-ying, XING Xiao-ke, *Cheirostylis barbata*, a New Species Orchidaceae (Goodyerinae) from Yunnan, China. *Phytotaxa* 436 (3): 293–297. 2020 [290] doi: 10.11646/phytotaxa.436.3.7

CHINA (Yunnan*)

Cheirostylis liukuensis Masam. var. *nantouensis* (T. P. Lin) T. P. Lin 南投指柱兰 [New Combination]

B.: *Cheirostylis nantouensis* T. P. Lin

LIN Tsan-piao, New Additions of *Oreorchis*, *Cheirostylis*, and *Cymbidium* (Orchidaceae) from Taiwan. *Taiwania* 65 (4): 463–472. 2020 [471] doi: 10.6165/tai.2020.65.463

CHINA (Taiwan*)

Cheirostylis tortilacinia C. S. Leou var. *rubrifolia* (T. P. Lin & W. M. Lin) T. P. Lin 红衣指柱兰 [New Combination]

B.: *Cheirostylis rubrifolia* T. P. Lin & W. M. Lin

LIN Tsan-piao, New Additions of *Oreorchis*, *Cheirostylis*, and *Cymbidium* (Orchidaceae) from Taiwan. *Taiwania* 65 (4): 463–472. 2020 [469] doi: 10.6165/tai.2020.65.463

CHINA (Taiwan*)

Cheirostylis tortilacinia C. S. Leou var. *wutaiensis* T. P. Lin 拟红衣指柱兰 [New Variety]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

LIN Tsan-piao, New Additions of *Oreorchis*, *Cheirostylis*, and *Cymbidium* (Orchidaceae) from Taiwan. *Taiwania* 65 (4): 463-472. 2020 [469] doi: 10.6165/tai.2020.65.463
CHINA (Taiwan*)

Cionisaccus procera (Ker Gawl.) M. C. Pace [New Combination]

B.: *Neottia procera* Ker Gawl.

PACE Matthew C., A Recircumscription of *Goodyera* (Orchidaceae), including the Description of *Paorchis* gen. nov., and Resurrection of *Cionisaccus*, *Eucosia*, and *Salacistis*. *Brittonia* 72 (3): 257-267. 2020 [263] doi: 10.1007/s12228-020-09623-y

CHINA (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Sichuan, Taiwan, Xizang, Yunnan, Zhejiang); BANGLADESH, BHUTAN, CAMBODIA, INDIA, INDONESIA, JAPAN, LAOS, MYANMAR, NEPAL*, PHILIPPINES, SRI LANKA, THAILAND, VIETNAM

Cleisostoma hainanense M. Z. Huang, D. K. Liu & G. S. Yang 海南隔距兰 [New Species] IUCN: Endangered (No evidence); Evidence: nrITS, atpI-atpH, matK, psbA-trnH, trnL-F; Morphology

HUANG Ming-zhong, LIU Ding-kun, YIN Jun-mei, YANG Guang-sui, *Cleisostoma hainanense*, a New Species (Orchidaceae: Epidendroideae) from Hainan, China: Evidence from Morphological and DNA Analyses. *Phytotaxa* 428 (3): 263-270. 2020 [270] doi: 10.11646/phytotaxa.428.3.7

CHINA (Hainan*)

Crepidium josephianum (Rchb.f.) Marg. 大花沼兰 [New Record]

LIU Wen-jian, WANG Li-yan, WU Lei, JIN Xiao-hua, *Crepidium josephianum*, a New Record Of Orchidaceae from China. *Plant Science Journal* 38 (3): 316-319. 2020 [317] doi: 10.11913/PSJ.2095-0837.2020.30316

CHINA (Yunnan); INDIA*

Cymbidium × malipoense L. J. Chen, Hong B. Zhou & Z. J. Liu 麻栗坡长叶兰 [New Nothospecies]

H.: *Cymbidium erythraeum* Lindl. × *Cymbidium eburneum* Lindl. var. *longzhouense* Z. J. Liu & S. C. Chen

CHEN Li-jun, ZHOU Hong-bo, LIU Zhong-jian, ZHENG Fang, WANG Yu, RAO Wen-hui, *Cymbidium × malipoense* a New Hybrid of Orchidaceae from Yunnan China. *Plant Science Journal* 38 (2): 181-184. 2020 [182] doi: 10.11913/PSJ.2095-0837.2020.20181

CHINA (Yunnan*)

Cymbidium biflorens D. Y. Zhang, S. R. Lan & Z. J. Liu 两季兰 [New Species] IUCN: Endangered (No evidence); Evidence: nrITS, matK, rbcL; Morphology

ZHANG Di-yang, TU Xiong-de, LIU Bin, LIAO Xing-yu, LAN Si-ren, LIU Zhong-jian, *Cymbidium biflorens* (Orchidaceae: Epidendroideae), a New Species from China: Evidence from Morphological and Molecular Data. *Phytotaxa* 428 (3): 271-278. 2020 [274] doi: 10.11646/phytotaxa.428.3.8

CHINA (Yunnan*)

Cymbidium brevifolium Zhuang Zhou, S. R. Lan & Z. J. Liu 小蕙兰 [New Species] IUCN: NE; Evidence: nrITS, matK, rbcL; Morphology

ZHOU Zhuang, ZHANG Di-yang, CHEN Gui-zhen, YU Xia, LI Cheng-ru, LAN Si-ren, LIU Zhong-jian, *Cymbidium brevifolium* (Orchidaceae: Epidendroideae), a New Species from China: Evidence from Morphological and Molecular Data. *Phytotaxa* 464 (3): 236-242. 2020 [240] doi: 10.11646/phytotaxa.464.3.5

CHINA (Hubei*)

Cymbidium codonanthum Y. T. Jiang, Liang Ma & S. P. Chen 钟花兰 [New Species] IUCN: Endangered (No evidence); Evidence: nrITS, matK, rbcL; Morphology

JIANG Yu-ting, MA Liang, LIN Ru-qiang, XIONG Yuan-fang, JIANG Shu-zhen, LIU Bin, LIU Zhong-Jian, CHEN Shi-pin, *Cymbidium codonanthum* (Orchidaceae: Epidendroideae; Cymbidiinae), a New Species from China: Evidence from Morphological and Molecular Analyses. *Phytotaxa* 453 (3): 275-283. 2020 [281] doi: 10.11646/phytotaxa.453.3.9

CHINA (Yunnan*)

Cymbidium dayanum Rchb. f. f. *albiflorum* (S. S. Ying) O. Gruss & N. H. Tuan [New Combination]

B.: *Cymbidium dayanum* Rchb. f. var. *albiflorum* S. S. Ying

TUAN Nguyen Hoang, GRUSS Olaf, HUYEN Le Dang, CANH Chu Xuan, *Cymbidium dayanum* f. *flavoviride*, eine Gelbgrüne Farbform aus Vietnam. *Die Orchidee (Herausgeber)* 6 (24): 201-208. 2020 [205]

CHINA (Taiwan)

Cymbilabia D. K. Liu & Ming H. Li [New Genus]

LIU Ding-kun, TU Xiong-de, ZHAO Zhuang, ZENG Meng-yao, ZHANG Sai, MA Liang, ZHANG Guo-qiang, WANG Miao-miao, LIU Zhong-jian, LAN Si-ren, LI Ming-he, CHEN Shi-pin, Plastid Phylogenomic Data Yield New and Robust Insights into the Phylogeny of *Cleisostoma*–*Gastrochilus* Clades (Orchidaceae, Aeridinae). *Molecular Phylogenetics and Evolution* 145 (106729): 1–9. 2020 [7] doi: 10.1016/j.ympev.2019.106729

CHINA

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Cymbilabia undulata (Lindl.) D. K. Liu & Ming H. Li [New Combination]

B.: *Vanda undulata* Lindl.

LIU Ding-kun, TU Xiong-de, ZHAO Zhuang, ZENG Meng-yao, ZHANG Sai, MA Liang, ZHANG Guo-qiang, WANG Miao-miao, LIU Zhong-jian, LAN Si-ren, LI Ming-he, CHEN Shi-pin, Plastid Phylogenomic Data Yield New and Robust Insights into the Phylogeny of Cleisostoma–Gastrochilus Clades (Orchidaceae, Aeridinae). *Molecular Phylogenetics and Evolution* 145 (106729): 1–9. 2020 [7] doi: 10.1016/j.ympev.2019.106729

CHINA (Xizang, Yunnan)

Cypripedium segawae Masam. 宝岛杓兰 [New Record]

ZHANG Di-yang, LIU Zhong-jian, YIN Wei-lun, LAN Si-ren, *Cypripedium segawae*, a New Record of *Cypripedium* (Orchidaceae) from Mainland China. *Journal of Fujian Agriculture and Forestry University (Natural Science Edition)* 49 (6): 779–781. 2020 [780] doi: 10.13323/j.cnki.j.fafu(nat.sci.)2020.06.010

CHINA (Gansu, Taiwan)

Dendrobium jinghuanum B. Q. Zheng & Yan Wang 景华石斛 [New Species] IUCN: EN: D; Evidence: nrITS, matK, trnL, rbcL; Morphology

ZHENG Bao-qiang, ZOU Long-hai, WAN Xiao, WANG Yan, *Dendrobium jinghuanum*, a New Orchid Species from Yunnan, China: Evidence from both Morphology and DNA. *Phytotaxa* 428 (1): 30–42. 2020 [40] doi: 10.11646/phytotaxa.428.1.3

CHINA (Yunnan*)

Dendrobium naungmungense Q. Liu & X. H. Jin 瑙蒙石斛 [New Record]

MA Liang, DONG Jian-wen, CHEN Shi-pin, ZHUANG Li-bin, *Dendrobium naungmungense* Q. Liu & X. H. Jin, a New Record of Orchidaceae from China. *Journal of Tropical and Subtropical Botany* 28 (2): 201–202. 2020 [201] doi: 10.11926/jtsb.4109

CHINA (Yunnan); MYANMAR*

Dendrobium yongjiaense Zhuang Zhou & S. R. Lan 永嘉石斛 [New Species] IUCN: CR; Evidence: nrITS, matK, trnL-F; Morphology

ZHOU Zhuang, ZHANG Sai, YANG Yan-ping, MA Liang, LAN Si-ren, Morphological and Molecular Evidence for a New Species from China: *Dendrobium yongjiaense* (Orchidaceae: Malaxideae). *Phytotaxa* 441 (2): 203–210. 2020 [209] doi: 10.11646/phytotaxa.441.2.7

CHINA (Zhejiang*)

Epipogium taiwanense T. C. Hsu 台湾虎舌兰 [New Record]

WU Xun-feng, LIU Qiang, TANG Ying, CHI Kuan-bo, WANG Yu-qian, PANG Xin, HUANG Yao-hua, PENG Pei-hao, *Epipogium taiwanense*, a Detail Morphological Description and Additional New Record to Mainland China. *Phytotaxa* 453 (1): 43–48. 2020 [44] doi: 10.11646/phytotaxa.453.1.4

CHINA (Sichuan, Taiwan*, Yunnan)

Eucosia seikomontana (Yamam.) M. C. Pace [New Combination]

B.: *Goodyera seikomontana* Yamam.

PACE Matthew C., A Recircumscription of *Goodyera* (Orchidaceae), including the Description of *Paorchis* gen. nov., and Resurrection of *Cionisaccus*, *Eucosia*, and *Salacistis*. *Brittonia* 72 (3): 257–267. 2020 [263] doi: 10.1007/s12228-020-09623-y

CHINA (Hong Kong, Taiwan*)

Eucosia viridiflora (Blume) M. C. Pace [New Combination]

B.: *Neottia viridiflora* Blume

PACE Matthew C., A Recircumscription of *Goodyera* (Orchidaceae), including the Description of *Paorchis* gen. nov., and Resurrection of *Cionisaccus*, *Eucosia*, and *Salacistis*. *Brittonia* 72 (3): 257–267. 2020 [264] doi: 10.1007/s12228-020-09623-y

CHINA (Fujian, Guangdong, Hainan, Jiangxi, Taiwan, Yunnan); BHUTAN, INDIA, INDONESIA*, S JAPAN, MALAYSIA, NEPAL, NEW GUINEA, PHILIPPINES, THAILAND, VIETNAM; AUSTRALIA

Gastrodia flexistyla T. C. Hsu & C. M. Kuo 折柱天麻 [New Record]

QIN Ying, CHEN Hai-ling, HUANG Yu-song, LIU Yan, New Record of *Gastrodia* (Orchidaceae) from Mainland, China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (7): 1255–1258. 2020 [1255] doi: 10.7606/j.issn.1000-4025.2020.07.1255

CHINA (Guangxi, Taiwan*)

Gastrodia shimizuana Tuyama 叉脊天麻 [New Record]

QIN Ying, CHEN Hai-ling, HUANG Yu-song, LIU Yan, New Record of *Gastrodia* (Orchidaceae) from Mainland, China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (7): 1255–1258. 2020 [1256] doi: 10.7606/j.issn.1000-4025.2020.07.1255

CHINA (Guangxi, Taiwan*); JAPAN

Gastrodia uraiensis T. C. Hsu & C. M. Kuo 乌来天麻 [New Record]

QIN Ying, LI Fu-wen, QIU Shao-jun, HUANG Yu-zhao, LIU Yan, *Gastrodia uraiensis*, a Newly Recorded Species of *Gastrodia* from Mainland, China. *Guihaia* 40 (8): 1123–1126. 2020 [1124] doi: 10.11931/guihaia.gxzw201902016

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Guangxi, Taiwan*)

Goodyera brachystegia Hand.-Mazz. [New Synonyms]

S.: *Goodyera rosulacea* Y. N. Lee

ZHOU Shan, ZHOU Xiao-xu, JIN Yue, SO Ji-Hyeon, LEE Nam-Sook, SCHUITEMAN André, KUMAR Pankaj, TIAN Huai-zhen, On the Identity of *Goodyera rosulacea* (Orchidaceae: Orchidoideae: Cranichideae: Goodyerinae). *Kew Bulletin* 75 (3): 1-6. 2020 [3] doi: 10.1007/S12225-019-9855-9

CHINA (Anhui, Gansu, Guizhou, Henan, Hubei, Shanxi, Shaanxi, Sichuan, Taiwan, Yunnan*, Xizang); KOREA

Goodyera nanshanensis Xi L. Wang & X. H. Jin 南山斑叶兰 [New Species] IUCN: DD; Evidence: Morphology

WANG Xi-long, CHEN Juan, JIN Xiao-hua, *Goodyera nanshanensis* (Orchidaceae, Orchidoideae, Cranichideae, Goodyerinae), a New Species from Hunan, China. *Phytotaxa* 460 (4): 296-300. 2020 [296] doi: 10.11646/phytotaxa.460.4.7

CHINA (Hunan*)

Habenaria dentata Schltr. var. *malipoense* W. H. Rao & Jie Huang tris 麻栗坡玉凤花 [New Variety]

RAO Wen-hui, CHEN Jian-bing, KONG De-min, HUANG Jie, PAN Yun-yun, LI Li-qiang, "Habenaria dentata var. malipoense, a New Variety of *Habenaria* from Yunnan, China". *Forest Science and Technology* (10): 88-88. 2020 [88] doi: 10.13456/j.cnki.lykt.2019.09.19.0006

CHINA (Yunnan*)

Liparis mae X. D. Tu, M. Z. Huang & Ming H. Li 麻氏羊耳蒜 [New Species] IUCN: NE; Evidence: nrITS, matK; Morphology

TU Xiong-de, HUANG Ming-zhong, LIU Ding-kun, MA Liang, LI Ming-he, *Liparis mai* (Orchidaceae; Malaxideae), a New Species from China: Evidence from Morphological and Molecular Analyses. *Phytotaxa* 435 (3): 235-242. 2020 [236] doi: 10.11646/phytotaxa.435.3.3

CHINA (Guangxi*)

Luisia yunnanensis Jie Huang tris & D. H. Peng 云南钗子股 [New Species] IUCN: NE; Evidence: nrITS, rbcL, matK; Morphology

HUANG Jie, YU Yu-yun, CHEN Gui-zhen, LIAO Xing-yu, LIU Zhong-jian, PENG Dong-hui, *Luisia yunnanensis* (Orchidaceae; Epidendroideae), a New Species from China: Evidence from Morphology and DNA Analyses. *Phytotaxa* 475 (1): 52-58. 2020 [54] doi: 10.11646/phytotaxa.475.1.5

CHINA (Yunnan*)

Oberonia delacourii Gagnep. 凭祥鸢尾兰 [New Record]

LI Yu-ling, LIN Ying, ZHENG Han-yue, WANG Bo, LIU Dong-ming, XING Fu-wu, Two Newly Recorded Species of *Oberonia* Lindl. (Orchidaceae) from China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (9): 1613-1616. 2020 [1614] doi: 10.7606/j.issn.1000-4025.2020.09.1613

CHINA (Guangxi); LAOS*

Oberonia formosana Hayata f. *viridiflora* T. P. Lin 绿花台湾莪白兰 [New Form]

LIN Tsan-piao, New Additions of *Oreorchis*, *Cheirostylis*, and *Cymbidium* (Orchidaceae) from Taiwan. *Taiwania* 65 (4): 463-472. 2020 [471] doi: 10.6165/tai.2020.65.463

CHINA (Taiwan*)

Oberonia integrilabris Yu L. Li & F. W. Xing [New Species] IUCN: EN: B2ab(iii); Evidence: Morphology

LI Yu-ling, TONG Yi, YE De-ping, YAO Gang, XING Fu-wu, *Oberonia integrilabris* (Orchidaceae), a New Species from China. *Phytotaxa* 432 (1): 104-110. 2020 [105] doi: 10.11646/phytotaxa.432.1.9

CHINA (Yunnan*)

Oberonia orbicularis Hook. f. 心唇鸢尾兰 [New Record]

LI Yu-ling, LIN Ying, ZHENG Han-yue, WANG Bo, LIU Dong-ming, XING Fu-wu, Two Newly Recorded Species of *Oberonia* Lindl. (Orchidaceae) from China. *Acta Botanica Boreali-Occidentalia Sinica* 40 (9): 1613-1616. 2020 [1614] doi: 10.7606/j.issn.1000-4025.2020.09.1613

CHINA (Yunnan); INDIA*

Oreorchis wumanae T. P. Lin 吴厓山兰 [New Species] IUCN: NE; Evidence: Morphology

LIN Tsan-piao, New Additions of *Oreorchis*, *Cheirostylis*, and *Cymbidium* (Orchidaceae) from Taiwan. *Taiwania* 65 (4): 463-472. 2020 [463] doi: 10.6165/tai.2020.65.463

CHINA (Taiwan*)

Paphiopedilum delenatii Guillaumin var. *funingensis* Y. Y. Pan & W. H. Rao 富宁兜兰 [New Variety]

PAN Yun-yun, CHEN Jian-bing, KONG De-min, RAO Wen-hui, "Paphiopedilum delenatii var. funingensis, a New Variety of *Paphiopedilum* from Yunnan, China". *Forest Science and Technology* (8): 100-101. 2020 [100] doi: 10.13456/j.cnki.lykt.2019.08.14.0001

CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Paphiopedilum gratrixianum (Mast.) Rolfe var. *simaoense* W. H. Rao & Jie Huang tris 思茅兜兰 [New Variety]

RAO Wen-hui, CHEN Jian-bing, KONG De-min, HUANG Jie, LI Li-qiang, *Paphiopedilum gratrixianum* var. *simaoense*, a New Variety of *Paphiopedilum* in China. *Protection Forest Science and Technology* (1): 75-76. 2020 [75] doi: 10.13601/j.issn.1005-5215.2020.01.029

CHINA (Yunnan*)

Platanthera jiuwanshanensis Ying Qin & Yan Liu 九万山舌唇兰 [New Species] IUCN: DD; Evidence: Morphology

QIN Ying, HUANG Yu-song, MENG Tao, LIU Yan, *Platanthera jiuwanshanensis* (Orchidaceae), a New Species from Guangxi, China. *Phytotaxa* 436 (1): 72-78. 2020 [72] doi: 10.11646/phytotaxa.436.1.7

CHINA (Guangxi*)

Salacistis fumata (Thwaites) M. C. Pace [New Combination]

B.: *Goodyera fumata* Thwaites

PACE Matthew C., A Recircumscription of *Goodyera* (Orchidaceae), including the Description of *Paorchis* gen. nov., and Resurrection of *Cionisaccus*, *Eucosia*, and *Salacistis*. *Brittonia* 72 (3): 257-267. 2020 [266] doi: 10.1007/s12228-020-09623-y

CHINA (Hainan, Taiwan, Xizang, Yunnan); INDIA, INDONESIA, JAPAN, MALAYSIA, MYANMAR, PHILIPPINES, SRI LANKA*, THAILAND, VIETNAM

Salacistis rubicunda (Blume) M. C. Pace [New Combination]

B.: *Neottia rubicunda* Blume

PACE Matthew C., A Recircumscription of *Goodyera* (Orchidaceae), including the Description of *Paorchis* gen. nov., and Resurrection of *Cionisaccus*, *Eucosia*, and *Salacistis*. *Brittonia* 72 (3): 257-267. 2020 [266] doi: 10.1007/s12228-020-09623-y

CHINA (Taiwan, Yunnan); INDIA, INDONESIA*, JAPAN, MALAYSIA, PAPUA NEW GUINEA, PHILIPPINES, VIETNAM; [AUSTRALIA]

Spathoglottis arunachalensis Tsering & K. Prasad [New Species] IUCN: CR: B1B2a,b(iii); Evidence: Morphology

TSERING Jambey, PRASAD Kothareddy, *Spathoglottis arunachalensis* (Orchidaceae), a New Species from Arunachal Pradesh, India. *Phytotaxa* 432 (3): 289-295. 2020 [289] doi: 10.11646/phytotaxa.432.3.6

CHINA (Xizang*)

Stereochilus arunachalensis Chowlu & A. N. Rao [New Species] IUCN: NE; Evidence: Morphology

CHOWLU Krishna, RAO A. Nageswara, *Stereochilus arunachalensis*, a New Orchid Species of Orchidaceae (Epidendroideae: Vandeae: Aeridinae) from Arunachal Pradesh, India. *Phytotaxa* 433 (2): 177-180. 2020 [177] doi: 10.11646/phytotaxa.433.2.10

CHINA (Xizang*)

Tainia acuminata Aver. 中越带唇兰 [New Record]

YUAN Quan, TAN Fei, QIN Ying, LIU Yan, *Tainia acuminata*, a Newly Recorded Species of Orchidaceae from China. *Journal of Tropical and Subtropical Botany* 28 (3): 245-247. 2020 [245] doi: 10.11926/jtsb.4168

CHINA (Guangxi); VIETNAM*

Vanda bicolor Griff. 双色万代兰 [New Recorded]

DENG Jie-ling, HUANG Chang-yan, CUI Xue-qiang, ZHANG Zi-bin, *Vanda bicolor*, A Newly Recorded Species of *Vanda* from China.

Guihaia 40 (2): 282-284. 2020 [283] doi: 10.11931/guihaia.gxzw201811001

CHINA (Xizang); BHUTAN, INDIA, MYANMAR, NEPAL

Orthotrichaceae 木灵藓科

Orthotrichum brassii E. B. Bartram [Excluded from China]

WANG Qing-hua, JIA Yu, A Taxonomic Study of the Genus *Orthotrichum* (Orthotrichaceae, Moss) in China. *Acta Bryolichenologica Asiatica* 9: 1-166. 2020 [147]

PAPUA NEW GUINEA

Orthotrichum erubescens Müll. Hal. [New Synonyms]

S.: *Orthotrichum crispifolium* Broth.; *Orthotrichum griffithii* Mitt. ex Dixon; *Orthotrichum sinuosum* Lewinsky

WANG Qing-hua, JIA Yu, A Taxonomic Study of the Genus *Orthotrichum* (Orthotrichaceae, Moss) in China. *Acta Bryolichenologica Asiatica* 9: 1-166. 2020 [64]

CHINA (Chongqing, Gansu, Hunan, Jiangxi, Shannxi, Sichuan, Xizang, Yunnan, Zhejiang); BHUTAN, INDIA, JAPAN

Orthotrichum pamiricum Plášek & Sawicki [Excluded from China]

WANG Qing-hua, JIA Yu, A Taxonomic Study of the Genus *Orthotrichum* (Orthotrichaceae, Moss) in China. *Acta Bryolichenologica Asiatica* 9: 1-166. 2020 [150]

[ASIA]

Orthotrichum stramineum Hornsch. ex Brid. [New Synonyms]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

S.: *Orthotrichum notabile* Lewinsky-Haapasaari

WANG Qing-hua, JIA Yu, A Taxonomic Study of the Genus *Orthotrichum* (Orthotrichaceae, Moss) in China. *Acta Bryolichenologica Asiatica* 9: 1-166. 2020 [134]

CHINA (Gansu, Sichuan, Xizang); JAPAN, [EUROPE], [AMERICA]

Orobanchaceae 列当科

Pedicularis chumbica Prain [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [79] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang*); INDIA

Pedicularis confertiflora Prain [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [80] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang*); INDIA

Pedicularis daltonii Prain [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [80] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang); BHUTAN, INDIA*

Pedicularis daltonii Prain [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [81] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang); INDIA*

Pedicularis flexuosa Hook. f. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [82] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang); BHUTAN, INDIA*, NEPAL

Pedicularis furfuracea Wall. ex Benth. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [82] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang); BHUTAN, INDIA, NEPAL*

Pedicularis gracilis Wall. ex Benth. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [82] doi: 10.11646/phytotaxa.430.2.1

CHINA (Sichuan, Xizang. Yunnan); AFGHANISTAN, BHUTAN, INDIA, NEPAL*, PAKISTAN

Pedicularis hongii Kottaim. [New Name]

R.: *Pedicularis multicaulis* W. B. Yu, Hong Wang bis & D. Z. Li

KOTTAIMUTHU Ramalingam, BASU Muthuramalingam Jothi, *Pedicularis hongii* Kottaim., a New Name for *P. multicaulis* W. B. Yu, H. Wang & D. Z. Li (Orobanchaceae). *Annales Botanici Fennici* 57 (4-6): 209-210. 2020 [209] doi: 10.5735/085.057.0403

CHINA (Yunnan*)

Pedicularis khoiyangii D. Borah & R. Kr. Singh [New Species] IUCN: VU: D; Evidence: Morphology

BORAH Dipankar, GAP Neelam, SINGH Rajeev Kumar, *Pedicularis khoiyangii* (Orobanchaceae), a New Species from the Eastern Himalaya, India. *Phytotaxa* 430 (4): 287-293. 2020 [288] doi: 10.11646/phytotaxa.430.4.3

CHINA (Xizang*)

Pedicularis lachnoglossa Hook. f. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [86] doi: 10.11646/phytotaxa.430.2.1

CHINA (Sichuan, Xizang. Yunnan); BHUTAN, INDIA*, NEPAL

Pedicularis mollis Wall. ex Benth. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in *Pedicularis* (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [86] doi: 10.11646/phytotaxa.430.2.1

CHINA (Xizang); BHUTAN, INDIA, NEPAL*

Pedicularis odontophora Prain [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [87] doi: 10.11646/phytotaxa.430.2.1
CHINA (Xizang); INDIA*

Pedicularis prainiana Maxim. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [88] doi: 10.11646/phytotaxa.430.2.1
CHINA (Xizang*)

Pedicularis rex C. B. Clarke ex Maxim. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [89] doi: 10.11646/phytotaxa.430.2.1
CHINA (Guizhou, Yunnan*)

Pedicularis robusta Hook. f. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [90] doi: 10.11646/phytotaxa.430.2.1
CHINA (Xizang); INDIA*

Pedicularis schizorrhyncha Prain [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [90] doi: 10.11646/phytotaxa.430.2.1
CHINA (Xizang*)

Pedicularis siphonantha D. Don [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [91] doi: 10.11646/phytotaxa.430.2.1
CHINA (Sichuan, Xizang, Yunnan); BHUTAN, INDIA, NEPAL*

Pedicularis tenuicaulis Prain [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [91] doi: 10.11646/phytotaxa.430.2.1
CHINA (Xizang*)

Pedicularis trichoglossa Hook. f. [Typification]

GARG Arti, SINGH Rajeev Kumar, Typification of Fifty One Names in Pedicularis (Orobanchaceae). *Phytotaxa* 430 (2): 61-94. 2020 [91] doi: 10.11646/phytotaxa.430.2.1
CHINA (Sichuan, Xizang, Yunnan); BHUTAN, INDIA*, MYANMAR, NEPAL

Striga asiatica (L.) Kuntze [Typification]

SINGH Rajeev Kumar, New Lectotypification of the Linnaean Name *Buchnera asiatica* (Orobanchaceae). *Kew Bulletin* 75 (23): 1-3. 2020 [3] doi: 10.1007/S12225-020-9872-8
CHINA (Fujian, Guangdong, Guangxi, Guizhou, Hunan, Jiangxi, Taiwan, Yunnan); BHUTAN, CAMBODIA, INDIA, NEPAL, PHILIPPINES, SRI LANKA, THAILAND, VIETNAM; [AFRICA]; [AMERICA]

Oxalidaceae 酢浆草科

Oxalis articulata Savigny 关节酢浆草 [Correction]

A.: *Oxalis martiana* auct. non. Zucc.: Z. Wei & Y. B. Zhang in Z. Wei & Y. Q. He, *Fl. Zhejiang* 3: 399. 1993
CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [98] doi: 10.12191/j.issn.1674-232X.2020.06.014
CHINA (Zhejiang)

Oxalis obtriangulata Maxim. 三角叶酢浆草 [Correction]

A.: *Oxalis acetosella* L. subsp. *japonica* auct. non. H. Hara: C. C. Huang & al. in L. R. Xu & C. C. Huang, *Fl. Reipubl. Popularis Sin.* 43 (1): 9. 1998
CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [97] doi: 10.12191/j.issn.1674-232X.2020.06.014
CHINA (Zhejiang)

Oxalis shibeishanensis Huan C. Wang & Y. Tian 石碑山酢浆草 [New Species] IUCN: NE; Evidence: Morphology

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TIAN Ye, YANG Feng, LIU Xiao-lan, WANG Huan-chong, *Oxalis shibeishanensis* (Oxalidaceae), a New Species from Yunnan, Southwest China. *Taiwania* 65 (3): 360-363. 2020 [354] doi: 10.6165/tai.2020.65.360
CHINA (Yunnan*)

Papaveraceae 罂粟科

Corydalis paeoniifolia (Steph.) Pers. 芍叶紫堇 [New Record]

LI Shi-feng, ZHAO Jian-xin, ZHOU Ming, GAO Jian-zhi, JIN Dong-qiang, CHEN Guan-Jun, GONG Kui-lin, A New Record of *Corydalis* from China — *Corydalis paeoniifolia* (Steph.) Pers. *Inner Mongolia Forestry Investigation and Design* 43 (1): 32-34. 2020 [32] doi: 10.13387/j.cnki.nmld.2020.01.014
CHINA (Nei Mongol); MONGOLIA, RUSSIA

Ichtyoselmis macrantha (Oliver) Lidén subsp. *porphyrantha* J. Y. Shen & Q. B. Gong 紫花黄药 [New Subspecies]

GONG Qiang-bang, MA Xing-da, WANG Wen-guang, SHI Ji-pu, YIN Hai-jun, DUAN Chun-cheng, SHEN Jian-yong, *Ichtyoselmis macrantha* subsp. *porphyrantha* (Papaveraceae), a New Subspecies from West Yunnan and North Myanmar. *Taiwania* 65 (3): 423-425. 2020 [423] doi: 10.6165/tai.2020.65.423
CHINA (Yunnan*); MYANMAR

Pentaphylacaceae 五列木科

Cleyera japonica Thunb. subsp. *pleiopetala* Z. H. Chen, P. L. Chiu & G. Y. Li 多瓣杨桐 [New Subspecies]

XIE Wen-yuan, CHEN Feng, ZHANG Fen-yao, XU Shao-qing, CHEN Zheng-hai, Correction and Supplement of the Seed Plant Flora in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 247-252. 2020 [250] doi: 10.12191/j.issn.1674-232X.2020.03.005
CHINA (Zhejiang*)

Eurya aureopunctata (Hung T. Chang) Z. H. Chen & P. L. Chiu 黄腺柃 [New Combination]

B.: *Eurya loquaiana* Dunn var. *aureopunctata* Hung T. Chang

XIE Wen-yuan, CHEN Feng, ZHANG Fen-yao, XU Shao-qing, CHEN Zheng-hai, Correction and Supplement of the Seed Plant Flora in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 247-252. 2020 [249] doi: 10.12191/j.issn.1674-232X.2020.03.005
CHINA (Guangdong*, Guangxi, Yunnan, Zhejiang)

Phyllanthaceae 叶下珠科

Bridelia tomentosa Blume [New Synonyms]

S.: *Berchemia sessiliflora* Benth.

DENG Yun-fei, *Berchemia sessiliflora* (Rhamnaceae) Is *Bridelia tomentosa* (Phyllanthaceae). *Phytotaxa* 442 (2): 128-132. 2020 [131] doi: 10.11646/phytotaxa.442.2.8
CHINA (Hong Kong); INDONESIA*

Glochidion ellipticum Wight [New Synonyms]

S.: *Glochidion ovalifolium* F. Y. Lu & Y. S. Hsu

YAO Gang, SONG Zhu-qiu, XUE Bin-e, SHI Shi, LI Yu-ling, LUO Shi-xiao, Taxonomic Revision of the Genus *Glochidion* (Phyllanthaceae) in Taiwan, China. *PhytoKeys* 159: 137-159. 2020 [143] doi: 10.3897/phytokeys.159.54839
CHINA (Taiwan); INDIA*

Glochidion lanceolatum Hayata [New Synonyms]

S.: *Glochidion kusukusense* Hayata

YAO Gang, SONG Zhu-qiu, XUE Bin-e, SHI Shi, LI Yu-ling, LUO Shi-xiao, Taxonomic Revision of the Genus *Glochidion* (Phyllanthaceae) in Taiwan, China. *PhytoKeys* 159: 137-159. 2020 [144] doi: 10.3897/phytokeys.159.54839
CHINA (Taiwan*)

Glochidion lanceolatum Hayata [Typification]

YAO Gang, SONG Zhu-qiu, XUE Bin-e, SHI Shi, LI Yu-ling, LUO Shi-xiao, Taxonomic Revision of the Genus *Glochidion* (Phyllanthaceae) in Taiwan, China. *PhytoKeys* 159: 137-159. 2020 [144] doi: 10.3897/phytokeys.159.54839
CHINA (Taiwan*)

Glochidion lanyuense Gang Yao & S. X. Luo [New Species] IUCN: NE; Evidence: Morphology

YAO Gang, SONG Zhu-qiu, XUE Bin-e, SHI Shi, LI Yu-ling, LUO Shi-xiao, Taxonomic Revision of the Genus *Glochidion* (Phyllanthaceae) in Taiwan, China. *PhytoKeys* 159: 137-159. 2020 [147] doi: 10.3897/phytokeys.159.54839
CHINA (Taiwan*)

Glochidion rubrum Blume [New Synonyms]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

S.: *Glochidion chademenosocarpum* Hayata

YAO Gang, SONG Zhu-qiu, XUE Bin-e, SHI Shi, LI Yu-ling, LUO Shi-xiao, Taxonomic Revision of the Genus *Glochidion* (Phyllanthaceae) in Taiwan, China. *PhytoKeys* 159: 137-159. 2020 [152] doi: 10.3897/phytokeys.159.54839
CHINA (Taiwan); INDONESIA*

Glochidion lanceolatum Hayata [Typification]

YAO Gang, SONG Zhu-qiu, XUE Bin-e, SHI Shi, LI Yu-ling, LUO Shi-xiao, Taxonomic Revision of the Genus *Glochidion* (Phyllanthaceae) in Taiwan, China. *PhytoKeys* 160: 1-6. 2020 [152] doi: 10.3897/phytokeys.160.54459
CHINA (Taiwan*)

Phytolaccaceae 商陆科

Phytolacca americana L. var. *huadongensis* X. H. Li 华东商陆 [New Variety]

LI Xin-hua, YIN Xiao-ming, *Phytolacca americana* var. *huadongensis* (Phytolaccaceae), a New Chinese Variety with Thyrsoid Inflorescences. *Phytotaxa* 475 (2): 109-116. 2020 [112] doi: 10.11646/phytotaxa.475.2.5
CHINA (Anhui, Jiangsu*)

Phytolacca yunnanensis X. H. Li & Wen Zhou [New Species] IUCN: NE; Evidence: Morphology

LI Xin-hua, ZHOU Wen, GUO Jia-cheng, YIN Xiao-ming, *Phytolacca yunnanensis* (Phytolaccaceae), a New Species from China with Distinctive Inflorescence Characteristics. *Phytotaxa* 446 (1): 49-54. 2020 [51] doi: 10.11646/phytotaxa.446.1.6
CHINA (Yunnan*)

Pinaceae 松科

Abies fanjingshanensis W. L. Huang, Y. L. Tu & S. Z. Fang 梵净山冷杉 [Typification]

YANG Yong, RUSHFORTH Keith, Lectotypification of *Abies fanjingshanensis* (Pinaceae). *PhytoKeys* 152: 105-110. 2020 [109] doi: 10.3897/phytokeys.152.51494
CHINA (Guizhou*)

Piperaceae 胡椒科

Peperomia japonica Makino [Typification]

LU Yu-chen, YANG Tsung-yu Aleck, Taxonomy of *Peperomia* (Piperaceae) in Taiwan. *Taiwania* 65 (4): 500-516. 2020 [511] doi: 10.6165/tai.2020.65.500
CHINA (Fujian, Taiwan); JAPAN*

Piper lanyuense K. N. Kung & Kun C. Chang [New Species] IUCN: NE; Evidence: Morphology

CHANG Kun-cheng, KUNG Kuan-ning, *Piper lanyuense* (Piperaceae), a New Species from Taiwan. *Annales Botanici Fennici* 57 (1-3): 93-96. 2020 [93] doi: 10.5735/085.057.0113
CHINA (Taiwan*)

Piper semi-transparente C. Y. Hao & Y. H. Tan [New Species] IUCN: NE; Evidence: ITS; Morphology

HAO Chao-yun, WU Bao-duo, QIN Xiao-wei, WU Gang, DENG Hai-yan, TAN Yun-hong, Morphological and Molecular Evidence for a New Species from China: *Piper semitransparens* (Piperaceae). *Phytotaxa* 429 (3): 191-199. 2020 [194] doi: 10.11646/phytotaxa.429.3.1
CHINA (Hainan*)

Plagiochilaceae 羽苔科

Plagiochila xerophila Bakalin & Vilnet [New Species] IUCN: NE; Evidence: Morphology

BAKALIN Vadim, VILNET Anna, *Plagiochila xerophila* (Plagiochilaceae, Marchantiophyta) - a Highly Xerophilous New Species from the Tibetan Spur (China). *Plant Ecology and Evolution* 153 (1): 120-131. 2020 [127] doi: 10.5091/plecevo.2020.1560
CHINA (Sichuan*)

Poaceae 禾本科

Calamagrostis hongii Paszko & Bing Liu 洪氏野青茅 [New Species] IUCN: NE; Evidence: Morphology

LIU Bing, PASZKO Beata, *Calamagrostis hongii* (Poaceae, Agrostidinae), a New Species from Southwestern China. *PhytoKeys* 166: 41-55. 2020 [43] doi: 10.3897/phytokeys.166.53010
CHINA (Chongqing, Guizhou, Sichuan, Xizang, Yunnan*)

Chloris pilosa Schumacher. 毛虎尾草 [New Record]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

LIAO Hsien-chun, CHAN Ming-hui, CHEN Chih-hui, Barcode of Nuclear Ribosomal Internal Transcribed Spacer Regions (ITS) as a Useful Tool to Recognize a Newly Naturalized and Potentially Invasive Weed, *Chloris pilosa* Schumacher. (Poaceae), in Taiwan. *Taiwania* 65 (2): 129-139. 2020 [137] doi: 10.6165/tai.2020.65.129
CHINA (Taiwan); [AFRICA]

Dendrocalamus latiflorus Munro var. *rongshuiensis* D. Y. Huang & al. 融水麻竹 [New Variety]
HUANG Da-yong, LI Li-jie, XU Zhen-guo, ZHOU Tong, LU Zong-jun, LUO Dong-sheng, A New Variety of *Dendrocalamus*: *D. latiflorus* var. *rongshuiensis*. *World Bamboo and Rattan* 18 (5): 62-63. 2020 [62] doi: 10.12168/sjztx.2020.05.012
CHINA (Guangxi)

Eriochloa contracta Hitchc. 扁野黍 [New Record]
JUNG Ming-je, Three Newly Naturalized *Eriochloa* Kunth Grasses (Poaceae) in Taiwan. *Taiwan Quarterly Journal of Forest Research* 42 (4): 215-228. 2020 [216]
CHINA (Taiwan); UNITED STATES

Eriochloa punctata (L.) Desv. ex Ham. 苍白野黍 [New Record]
JUNG Ming-je, Three Newly Naturalized *Eriochloa* Kunth Grasses (Poaceae) in Taiwan. *Taiwan Quarterly Journal of Forest Research* 42 (4): 215-228. 2020 [216]
CHINA (Taiwan); JAMAICA*

Eriochloa succincta (Trin.) Kunth 伏生野黍 [New Record]
JUNG Ming-je, Three Newly Naturalized *Eriochloa* Kunth Grasses (Poaceae) in Taiwan. *Taiwan Quarterly Journal of Forest Research* 42 (4): 215-228. 2020 [218]
CHINA (Taiwan); RUSSIA*

Fargesia purpurea D. Z. Li & Xia Y. Ye 紫鞘箭竹 [New Species] IUCN: NE; Evidence: Morphology
YE Xia-ying, ZHANG Yu-xiao, LI De-zhu, Two New Species of *Fargesia* (Poaceae, Bambusoideae) from Southwestern China. *PhytoKeys* 170: 25-37. 2020 [29] doi: 10.3897/phytokeys.170.58780
CHINA (Xizang*)

Fargesia viridis D. Z. Li & Xia Y. Ye 翠绿箭竹 [New Species] IUCN: NE; Evidence: Morphology
YE Xia-ying, ZHANG Yu-xiao, LI De-zhu, Two New Species of *Fargesia* (Poaceae, Bambusoideae) from Southwestern China. *PhytoKeys* 170: 25-37. 2020 [27] doi: 10.3897/phytokeys.170.58780
CHINA (Yunnan*)

Garnotia emodi (Arn. & Nees) Janowski 喜马拉雅耳稃草 [New Record]
LIU Cheng, YA Ji-dong, GUO Yong-jie, CAI Jie, ZHANG Ting, Newly recorded species of seed plants from Xizang, China. *Biodiversity Science* 28 (10): 1238-1245. 2020 [1239] doi: 10.17520/biods.2020161
CHINA (Xizang); INDIA*

Ravenochloa D. Z. Li & Y. X. Zhang 雷文竹属 [New Genus]
ZHANG Yu-xiao, GUO Cen, LI De-zhu, A New Subtribal Classification of Arundinarieae (Poaceae, Bambusoideae) with the Description of a New Genus. *Plant Diversity* 42 (3): 127-134. 2020 [132] doi: 10.1016/j.pld.2020.03.004
CHINA

Ravenochloa wilsonii (Rendle) D. Z. Li & Y. X. Zhang 雷文竹 [New Combination]
B.: *Arundinaria wilsonii* Rendle
ZHANG Yu-xiao, GUO Cen, LI De-zhu, A New Subtribal Classification of Arundinarieae (Poaceae, Bambusoideae) with the Description of a New Genus. *Plant Diversity* 42 (3): 127-134. 2020 [132] doi: 10.1016/j.pld.2020.03.004
CHINA (Chongqing, Huibei*)

Sinosasa L. C. Chia ex N. H. Xia, Q. M. Qin & Y. H. Tong 华赤竹属 [New Genus]
QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [31] doi: 10.1002/tax.12422
CHINA

Sinosasa fanjingshanensis N. H. Xia, Q. M. Qin & J. B. Ni 梵净山华赤竹 [New Species] GBSSI, *atpI-H*, *psaA-ORF170*, *rpl32-trnL*, *rpoB-trnC*, *rps16-trnQ*, *trnD-T*, *trnS-G*, *trnT-L*; Morphology
QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [34] doi: 10.1002/tax.12422
CHINA (Guizhou)

Sinosasa guangxiensis (C. D. Chu & C. S. Chao) N. H. Xia, Q. M. Qin & X. R. Zheng 广西华赤竹 [New Combination]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

B.: *Sasa guangxiensis* C. D. Chu & C. S. Chao

QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [34] doi: 10.1002/tax.12422

CHINA (Guangxi)

Sinosasa huapingensis N. H. Xia, Q. M. Qin & Y. H. Tong 花坪华赤竹 [New Species] GBSSI, atpI-H, psaA-ORF170, rpl32-trnL, rpoB-trnC, rps16-trnQ, trnD-T, trnS-G, trnT-L; Morphology

QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [39] doi: 10.1002/tax.12422

CHINA (Guangxi)

Sinosasa longiligulata (McClure) N. H. Xia, Q. M. Qin & J. B. Ni 华赤竹 [New Combination]

B.: *Sasa longiligulata* McClure

QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [33] doi: 10.1002/tax.12422

CHINA (Guangdong)

Sinosasa magninoda (T. H. Wen & G. L. Liao) N. H. Xia, Q. M. Qin & X. R. Zheng 大节华赤竹 [New Combination]

B.: *Sasa magninoda* T. H. Wen & G. L. Liao

QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [41] doi: 10.1002/tax.12422

CHINA (Jiangxi)

Sinosasa mingyueshanensis N. H. Xia, Q. M. Qin & X. R. Zheng 明月山华赤竹 [New Species] GBSSI, atpI-H, psaA-ORF170, rpl32-trnL, rpoB-trnC, rps16-trnQ, trnD-T, trnS-G, trnT-L; Morphology

QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [42] doi: 10.1002/tax.12422

CHINA (Jiangxi)

Sinosasa polytricha N. H. Xia, Q. M. Qin & X. R. Zheng 多毛华赤竹 [New Species] GBSSI, atpI-H, psaA-ORF170, rpl32-trnL, rpoB-trnC, rps16-trnQ, trnD-T, trnS-G, trnT-L; Morphology

QIN Qiao-mei, TONG Yi-hua, ZHENG Xi-rong, NI Jing-bo, XIA Nian-he, *Sinosasa* (Poaceae: Bambusoideae), a New Genus from China. *Taxon* 70 (1): 27-47. 2020 [43] doi: 10.1002/tax.12422

CHINA (Guangdong, Hunan)

Stipa × *consanguinea* Trin. ex Bunge [Typification]

NOBIS Marcin, GUDKOVA Polina D., NOWAK Arkadiusz, SAWICKI Jakub, NOBIS Agnieszka, A Synopsis of the Genus *Stipa* (Poaceae) in Middle Asia, Including a Key to Species Identification, an Annotated Checklist, and Phytogeographic Analyses. *Annals of the Missouri Botanical Garden* 105 (1): 1-63. 2020 [24] doi: 10.3417/2019378

CHINA (Xinjiang); MONGOLIA, RUSSIA

Stipa bungeana Trin. ex Bunge [Typification]

NOBIS Marcin, GUDKOVA Polina D., NOWAK Arkadiusz, SAWICKI Jakub, NOBIS Agnieszka, A Synopsis of the Genus *Stipa* (Poaceae) in Middle Asia, Including a Key to Species Identification, an Annotated Checklist, and Phytogeographic Analyses. *Annals of the Missouri Botanical Garden* 105 (1): 1-63. 2020 [18] doi: 10.3417/2019378

CHINA (Anhui, Gansu, Hebei, Henan, Jiangsu, Nei Mongol, Ningxia, Qinghai, Shaanxi, Shandong, Sichuan, Xinjiang, Xizang); KAZAKHSTAN, KYRGYZSTAN, MONGOLIA, PAKISTAN

Stipa richteriana Kar. & Kir. [Typification]

NOBIS Marcin, GUDKOVA Polina D., NOWAK Arkadiusz, SAWICKI Jakub, NOBIS Agnieszka, A Synopsis of the Genus *Stipa* (Poaceae) in Middle Asia, Including a Key to Species Identification, an Annotated Checklist, and Phytogeographic Analyses. *Annals of the Missouri Botanical Garden* 105 (1): 1-63. 2020 [43] doi: 10.3417/2019378

CHINA (Xinjiang); KAZAKHSTAN, UZBEKISTAN

Stipa sareptana A. K. Becker [Typification]

NOBIS Marcin, GUDKOVA Polina D., NOWAK Arkadiusz, SAWICKI Jakub, NOBIS Agnieszka, A Synopsis of the Genus *Stipa* (Poaceae) in Middle Asia, Including a Key to Species Identification, an Annotated Checklist, and Phytogeographic Analyses. *Annals of the Missouri Botanical Garden* 105 (1): 1-63. 2020 [45] doi: 10.3417/2019378

CHINA (Gansu, Hebei, Nei Mongol, Ningxia, Qinghai, Shanxi, Xinjiang, Xizang); KAZAKHSTAN, MONGOLIA, RUSSIA, TAJIKISTAN

Tripidium rufipilum (Steud.) Welker, Voronts. & E. A. Kellogg [New Combination]

B.: *Saccharum rufipilum* Steud.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

WELKER Cassiano A. Dorneles, VORONTSOVA Maria S., KELLOGG Elizabeth A., A New Combination in the Genus *Tripidium* (Poaceae: Andropogoneae). *Phytotaxa* 471 (3): 297-300. 2020 [297] doi: 10.11646/phytotaxa.471.3.12
CHINA (Gansu, Shaanxi, Sichuan, Xizang, Yunnan); BHUTAN, INDIA, MYANMAR, NEPAL*, PAKISTAN

Polygonaceae 蓼科

Polygonum nepalense Meisn. 尼泊尔蓼 [New Synonyms]

S.: *Polygonum minutissimum* Z. Wei & Y. B. Chang nom. illeg.

CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [68] doi: 10.3969/j.issn.1001-3776.2020.04.012

CHINA (Zhejiang); NEPAL*

Polypodiaceae 水龙骨科

× *Ellipsisorus* Li Bing Zhang & Liang Zhang [New Name]

R.: × *Lepinema* Li Bing Zhang & Liang Zhang

ZHANG Liang, ZHANG Li-bing, × *Ellipsisorus* nom. nov. for × *Lepinema* (Polypodiaceae) and × *Ellipsisorus inaequibasis* com. nov. from China. *Phytotaxa* 464 (4): 299-300. 2020 [299] doi: 10.11646/phytotaxa.464.4.4

CHINA

× *Ellipsisorus inaequibasis* (Ching & S. K. Wu) Li Bing Zhang & Liang Zhang [New Combination]

B.: *Platygyria* × *inaequibasis* Ching & S. K. Wu

ZHANG Liang, ZHANG Li-bing, × *Ellipsisorus* nom. nov. for × *Lepinema* (Polypodiaceae) and × *Ellipsisorus inaequibasis* com. nov. from China. *Phytotaxa* 464 (4): 299-300. 2020 [299] doi: 10.11646/phytotaxa.464.4.4

CHINA (Sichuan, Xizang, Yunnan*)

× *Ellipsisorus inaequibasis* (Ching & S. K. Wu) Li Bing Zhang & Liang Zhang [New Synonyms]

S.: × *Lepinema inaequibasis* (Ching & S. K. Wu) Li Bing Zhang & Liang Zhang

ZHANG Liang, ZHANG Li-bing, × *Ellipsisorus* nom. nov. for × *Lepinema* (Polypodiaceae) and × *Ellipsisorus inaequibasis* com. nov. from China. *Phytotaxa* 464 (4): 299-300. 2020 [299] doi: 10.11646/phytotaxa.464.4.4

CHINA (Sichuan, Xizang, Yunnan*)

× *Lepinema* Li Bing Zhang & Liang Zhang [New Genus]

H.: *Lepisorus* (J. Sm.) Ching × *Ellipinema* Li Bing Zhang & Liang Zhang

ZHANG Liang, ZHANG Li-bing, Fern nothogenera and × *Lepinema*, a New Hybrid Genus between *Ellipinema* and *Lepisorus* (Polypodiaceae). *Phytotaxa* 455 (4): 262-266. 2020 [264] doi: 10.11646/phytotaxa.455.4.3

CHINA

× *Lepinema inaequibasis* (Ching & S. K. Wu) Li Bing Zhang & Liang Zhang [New Combination]

B.: *Platygyria* × *inaequibasis* Ching & S. K. Wu

ZHANG Liang, ZHANG Li-bing, Fern nothogenera and × *Lepinema*, a New Hybrid Genus between *Ellipinema* and *Lepisorus* (Polypodiaceae). *Phytotaxa* 455 (4): 262-266. 2020 [264] doi: 10.11646/phytotaxa.455.4.3

CHINA (Sichuan, Xizang, Yunnan*)

Ellipinema Li Bing Zhang & Liang Zhang [New Genus]

ZHANG Liang, ZHOU Xin-mao, LIANG Zhen-long, FAN Xue-ping, LUE Ngan Thi, SONG Min-shu, KNAPP Ralf, GAO Xin-fen, SUN Hang, ZHANG Li-bing, Phylogeny and Classification of the Tribe Lepisoreae (Polypodiaceae; Pteridophyta) with the Description of a New Genus, *Ellipinema* gen. nov., Segregated from *Lepisorus*. *Molecular Phylogenetics and Evolution* 148 (106803): 1-11. 2020 [6] doi: 10.1016/j.ympev.2020.106803

CHINA

Ellipinema jakonense (Blanf.) Li Bing Zhang & Liang Zhang [New Combination]

B.: *Polypodium clathratum* C. B. Clarke var. *jakonense* Blanf.

ZHANG Liang, ZHOU Xin-mao, LIANG Zhen-long, FAN Xue-ping, LUE Ngan Thi, SONG Min-shu, KNAPP Ralf, GAO Xin-fen, SUN Hang, ZHANG Li-bing, Phylogeny and Classification of the Tribe Lepisoreae (Polypodiaceae; Pteridophyta) with the Description of a New Genus, *Ellipinema* gen. nov., Segregated from *Lepisorus*. *Molecular Phylogenetics and Evolution* 148 (106803): 1-11. 2020 [6] doi: 10.1016/j.ympev.2020.106803

CHINA (Xizang); INDIA*

Lepisorus youxingii R. H. Jiang & X. C. Zhang [New Species] IUCN: LC; Evidence: rbcL, matK, psbZ, rbcL-atpB, rps4-trnS, trnL-F, rpl32-trnP, trnT; Morphology

JIANG Ri-hong, WANG Ya-rong, ZHANG Xian-chun, *Lepisorus youxingii* (Polypodiaceae), a New Fern Species from Guangxi, China. *Phytotaxa* 437 (2): 97-104. 2020 [102] doi: 10.11646/phytotaxa.437.2.5

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHINA (Guangxi*)

Leptochilus gracilis Z. L. Liang, Liang Zhang & Li Bing Zhang [New Species] IUCN: CR; Evidence: rps4, rps4-trnS, trnL, trnL-F; Morphology

LIANG Zhen-long, SHUI Yu-min, CHEN Wen-hong, YU Zhi-yong, ZHANG Liang, ZHANG Li-bing, *Leptochilus gracilis* (Polypodiaceae), a New Fern Species from Southeastern Yunnan, China Based on Morphological and Molecular Evidence. *Phytotaxa* 468 (1): 112-120. 2020 [117] doi: 10.11646/phytotaxa.468.1.7

CHINA (Yunnan*)

Selliguea shandongensis (Jian X. Li & C. Y. Wang) Jian X. Li & Xiao J. Li 山东假瘤蕨 [New Combination]

B.: *Phymatopteris shandongensis* Jian X. Li & C. Y. Wang

LI Xiao-juan, LI Jian-xiu, Palynology of Polypodiaceae from Shandong and Its Significance in Classification. *Guihaia* 40 (4): 443-451. 2020 [450] doi: 10.11931/guihaia.gxzw2019 03048

CHINA (Shandong*)

Porellaceae 光萼苔科

Porella pinnata L. [Excluded from China]

BAI Yang, QIAN Kai, XIANG You-liang, YANG Zhi-wang, MAMTIMIN Sulayman, LI Wei, SHU Lei, ZHU Rui-liang, *Porella pinnata* (Porellaceae) excluded from the Liverwort Flora of Asia. *Nova Hedwigia* 150: 193-200. 2020 [193] doi: 10.1127/nova-suppl/2020/193

[AMERICA]

Primulaceae 报春花科

Androsace coccinea Franch. [Typification]

XU Yuan, HU Chi-ming, HAO Gang, Proposal to Conserve the Name *Androsace bulleyana* Against *A. coccinea* (Primulaceae). *Taxon* 69 (4): 830-831. 2020 [830] doi: 10.1002/tax.12306

CHINA (Yunnan*)

Lysimachia daqiaoensis G. D. Tang & R. Z. Huang [New Species] IUCN: CR; Evidence: Morphology

HUANG Rui-zhou, LIAO Miao, HAN Wei, YANG Yuan-zhi, ZHOU Ming-yi, FENG Han-hua, TANG Guang-da, *Lysimachia daqiaoensis* (Primulaceae), a New Cave Species from Guangdong, China. *Phytotaxa* 430 (1): 41-45. 2020 [41] doi: 10.11646/phytotaxa.430.1.6

CHINA (Guangdong*)

Lysimachia porcatisejala S. R. Yi [New Species] IUCN: CR; Evidence: Morphology

Yi Si-rong, *Lysimachia porcatisejala*, a New Species of *Lysimachia* (Primulaceae) from Chongqing, China. *Phytotaxa* 434 (1): 118-122. 2020 [118] doi: 10.11646/phytotaxa.434.1.9

CHINA (Chongqing*)

Lysimachia xiangxiensis D. G. Zhang, C. Mou & Yu Wu [New Species] IUCN: DD; Evidence: ITS; Morphology

MOU Cun, WU Yu, XIANG Liang, XIANG Xiao-mei, ZHANG Dai-gui, *Lysimachia xiangxiensis* (Primulaceae), a New Species from Limestone Area in Hunan Province, Central China. *PhytoKeys* 140: 23-32. 2020 [27] doi: 10.3897/phytokeys.140.47995

CHINA (Hunan*)

Primula qiupuensis J. W. Shao [New Species] IUCN: VU; Evidence: Morphology

ZHANG Chao, ZHANG Jian-ye, CHEN Fang-ming, CHEN Wen-hao, CHEN Dong-sheng, SHAO Jian-wen, *Primula qiupuensis*, a New Species in Primulaceae from China. *Phytotaxa* 441 (2): 176-182. 2020 [177] doi: 10.11646/phytotaxa.441.2.4

CHINA (Anhui*)

Primula sinensis Sabine ex Lindl. [Typification]

Xu Yuan, Deng Yun-fei, Hao Gang, Hu Chi-ming, Proposal to Conserve the Name *Primula sinensis* Sabine ex Lindl. Against *P. sinensis* Lour. (Primulaceae). *Taxon* 69 (4): 831-832. 2020 [831] doi: 10.1002/tax.12307

CHINA (Guangdong*)

Primula sunhangii T. Deng, D. G. Zhang & Jiao Sun 神农架报春 [New Species] IUCN: CR: B2abiii; Evidence: ITS, rbcL, matK; Morphology

SUN Jiao, ZHANG Dai-gui, HUANG Xian-han, TOJIBAEV Komiljon, YANG Jing-yuan, WANG Heng-chang, DENG Tao, *Primula sunhangii* (Primulaceae): a New Species from Hubei, Central China. *PhytoKeys* 156: 103-112. 2020 [106] doi: 10.3897/phytokeys.156.49137

CHINA (Hubei*)

Pteridaceae 凤尾蕨科

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Ceratopteris shingii Y. H. Yan & Rui Zhang bis [New Species] IUCN: VU; Evidence: rbcL, trnL-F, psbCZHANG Rui, YU Jun-hao, SHAO Wen, WANG Wei-qing, SHANG Hui, ZHENG Xi-long, YAN Yue-hong, *Ceratopteris shingii*, a New Species of *Ceratopteris* with Creeping Rhizomes from Hainan, China. *Phytotaxa* 449 (1): 23-30. 2020 [24] doi: 10.11646/phytotaxa.449.1.3
CHINA (Hainan*)

Ranunculaceae 毛茛科

Aconitum delavayi Franch. [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [211] doi: 10.11646/phytotaxa.475.4.1
CHINA (Yunnan*)

Aconitum ferox Wall. ex Ser. var. *flavidiflora* Brühl [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [220] doi: 10.11646/phytotaxa.475.4.1
CHINA (Xizang*)

Aconitum ferox Wall. ex Ser. var. *laxiflora* Brühl [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [220] doi: 10.11646/phytotaxa.475.4.1
CHINA (Xizang); INDIA*

Aconitum gammiei Stapf [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [229] doi: 10.11646/phytotaxa.475.4.1
CHINA (Xizang); INDIA*

Aconitum haridasanii R. Tiwary, Harsh Singh & D. Adhikari [New Species] IUCN: CE: B1b(i,ii,iii,v)c(i,ii,iii)+2b(i,ii,iii,v) c;C2a(i);D;
Evidence: Morphology
TIWARY Raghuvar, SINGH Harsh, ADHIKARI Dibyendu, SINGH Prem Prakash, BARIK Saroj Kanta, Discovery of *Aconitum haridasanii* (Ranunculaceae), a New Species from Arunachal Pradesh, India. *Phytotaxa* 440 (3): 232-238. 2020 [232] doi: 10.11646/phytotaxa.440.3.5
CHINA (Xizang*)

Aconitum jucundum Diels [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [231] doi: 10.11646/phytotaxa.475.4.1
CHINA (Yunnan*)

Aconitum laxifoliatum W. T. Wang 疏叶乌头 [New Species] IUCN: NE; Evidence: Morphology
WANG Wen-tsai, Two New Species of *Aconitum* (Ranunculaceae) from Sichuan. *Bulletin of Botanical Research* 40 (1): 1-4. 2020 [4] doi: 10.7525/j.issn.1673-5102.2020.01.001
CHINA (Sichuan*)

Aconitum soongaricum Stapf [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [231] doi: 10.11646/phytotaxa.475.4.1
CHINA (Xinjiang); INDIA

Aconitum tenuigaleatum W. T. Wang 细盔乌头 [New Species] IUCN: NE; Evidence: Morphology
WANG Wen-tsai, Two New Species of *Aconitum* (Ranunculaceae) from Sichuan. *Bulletin of Botanical Research* 40 (1): 1-4. 2020 [1] doi: 10.7525/j.issn.1673-5102.2020.01.001
CHINA (Sichuan*)

Aconitum transsectum Diels [Typification]
KUMAR Anand, GHOSHAL Partha Pratim, BHARATI Kumar Avinash, Notes on the Type Specimens of Names in *Aconitum* (Ranunculaceae) at Central National Herbarium (CAL). *Phytotaxa* 475 (4): 209-238. 2020 [231] doi: 10.11646/phytotaxa.475.4.1
CHINA (Yunnan*)

Clematis connata DC. var. *trullifera* (Franch.) W. T. Wang [New Synonyms]
S.: *Clematis dongchuanensis* W. T. Wang

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

YUAN Qiong, YANG Qin-er, The identity of *Clematis dongchuanensis* (Ranunculaceae) from Northeastern Yunnan, China. *Phytotaxa* 430 (1): 9-16. 2020 [10] doi: 10.11646/phytotaxa.430.1.2
CHINA (Guizhou, Yunnan*)

Clematis hastata Finet & Gagnep. [New Synonyms]

S.: *Clematis glabrifolia* K. Sun & M. S. Yan; *Clematis hastata* Finet & Gagnep. var. *micrantha* W. T. Wang

YUAN Qiong, YANG Qin-er, Two New Synonyms of *Clematis hastata* (Ranunculaceae), a Species from the Daba Mountains Region in Central China. *Phytotaxa* 474 (2): 163-171. 2020 [164] doi: 10.11646/phytotaxa.474.2.6

CHINA (Chongqing*, Gansu, Shaanxi)

Clematis tientaiensis (M. Y. Fang) W. T. Wang 天台铁线莲 [New Combination]

B.: *Clematis patens* C. Morren & Decne. subsp. *tientaiensis* M. Y. Fang

ZHANG Zhong-zhao, CHEN Zheng-hai, CHEN Feng, XIE Wen-yuan, LI Gen-you, Additional Notes on the Seed Plant Flora of Zhejiang (VII). *Journal of Zhejiang Forestry Science and Technology* 40 (6): 52-55. 2020 [54] doi: 10.3969/j.issn.1001-3776.2020.06.008

CHINA (Zhejiang*)

Delphinium adenopodium W. T. Wang & Z. Z. Yang 腺梗翠雀花 [New Species] IUCN: NE; Evidence: Morphology

WANG Wen-tsai, YANG Zong-zong, Two New Species of *Delphinium* from Xinjiang. *Bulletin of Botanical Research* 40 (6): 801-804. 2020 [801] doi: 10.7525/j.issn.1673-5102.2020.06.001

CHINA (Xinjiang*)

Delphinium gongliuense W. T. Wang & Z. Z. Yang 巩留翠雀花 [New Species] IUCN: NE; Evidence: Morphology

WANG Wen-tsai, YANG Zong-zong, Two New Species of *Delphinium* from Xinjiang. *Bulletin of Botanical Research* 40 (6): 801-804. 2020 [804] doi: 10.7525/j.issn.1673-5102.2020.06.001

CHINA (Xinjiang*)

Halerpestes tricuspid (Maxim.) Hand.-Mazz. var. *variifolia* (Tamura) W. T. Wang [New Synonyms]

S.: *Ranunculus kangmaensis* W. T. Wang

ZHANG Meng, ZENG You-pai, YANG Qin-er, *Ranunculus kangmaensis* (Ranunculaceae), a New Synonym of *Halerpestes tricuspid* var. *variifolia*. *Phytotaxa* 434 (1): 101-112. 2020 [107] doi: 10.11646/phytotaxa.434.1.7

CHINA (Gansu, Qinghai, Sichuan, Xizang, Yunnan); NEPAL*

Hegemone micrantha (C. Winkl. & Komarov) Butkov [New Record]

ERST Andrey Sergeevich, PENDRY Colin Alistair, IKEDA Hiroshi, WANG Wei, *Hegemone micrantha* (Ranunculaceae) — a New Record from Nepal and China. *The Journal of Japanese Botany* 95 (5): 303-305. 2020 [304]

CHINA (Xizang); AFGHANISTAN, KAZAKHSTAN, KYRGYZSTAN, NEPAL, TAJIKISTAN, TURKMENISTAN, UZBEKISTAN

Thalictrum foliolosum DC. [New Synonyms]

S.: *Thalictrum mairei* H. Lévl.

ZENG You-pai, YUAN Qiong, YANG Qin-er, *Thalictrum mairei* (Ranunculaceae) Is Synonymous with *T. foliolosum*, not *T. leuconotum*. *Phytotaxa* 452 (2): 137-154. 2020 [149] doi: 10.11646/phytotaxa.452.2.3

CHINA (Sichuan, Xizang, Yunnan); BHUTAN, INDIA, MYANMAR, NEPAL*, THAILAND

Thalictrum foliolosum DC. [Typification]

ZENG You-pai, YUAN Qiong, YANG Qin-er, *Thalictrum mairei* (Ranunculaceae) Is Synonymous with *T. foliolosum*, not *T. leuconotum*. *Phytotaxa* 452 (2): 137-154. 2020 [149] doi: 10.11646/phytotaxa.452.2.3

CHINA (Sichuan, Xizang, Yunnan); BHUTAN, INDIA, MYANMAR, NEPAL*, THAILAND

Thalictrum jiulongense W. T. Wang 九龙唐松草 [New Species] IUCN: NE; Evidence: Morphology

WANG Wen-tsai, Three New Species of *Thalictrum* (Ranunculaceae) from Sichuan Province. *Bulletin of Botanical Research* 40 (1): 5-9. 2020 [9] doi: 10.7525/j.issn.1673-5102.2020.01.002

CHINA (Sichuan*)

Thalictrum kangdingense W. T. Wang 康定唐松草 [New Species] IUCN: NE; Evidence: Morphology

WANG Wen-tsai, Three New Species of *Thalictrum* (Ranunculaceae) from Sichuan Province. *Bulletin of Botanical Research* 40 (1): 5-9. 2020 [5] doi: 10.7525/j.issn.1673-5102.2020.01.002

CHINA (Sichuan*)

Thalictrum neurocarpum Royle [New Synonyms]

S.: *Thalictrum punduanum* Wall. var. *hirtellum* W. T. Wang

ZENG You-pai, YUAN Qiong, YANG Qin-er, *Thalictrum punduanum* var. *hirtellum* (Ranunculaceae), Another New Synonym of *T. neurocarpum*. *Phytotaxa* 442 (2): 89-100. 2020 [94] doi: 10.11646/phytotaxa.442.2.4

CHINA (Xizang); INDIA*, NEPAL

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Thalictrum tenuicaule W. T. Wang 细茎唐松草 [New Species] IUCN: NE; Evidence: Morphology
WANG Wen-tsai, Three New Species of *Thalictrum* (Ranunculaceae) from Sichuan Province. *Bulletin of Botanical Research* 40 (1): 5-9. 2020 [7] doi: 10.7525/j.issn.1673-5102.2020.01.002
CHINA (Sichuan*)

Thalictrum trichopus Franch. [New Synonyms]
S.: *Thalictrum semiscandens* W. W. Sm.
ZENG You-pai, YUAN Qiong, YANG Qin-er, *Thalictrum semiscandens* (Ranunculaceae), Almost Totally Overlooked since Its Publication, Is Merged with *T. trichopus*. *Phytotaxa* 451 (4): 283-293. 2020 [284] doi: 10.11646/phytotaxa.451.4.3
CHINA (Sichuan, Yunnan*)

Thalictrum trichopus Franch. [Typification]
ZENG You-pai, YUAN Qiong, YANG Qin-er, *Thalictrum semiscandens* (Ranunculaceae), Almost Totally Overlooked since Its Publication, Is Merged with *T. trichopus*. *Phytotaxa* 451 (4): 283-293. 2020 [284] doi: 10.11646/phytotaxa.451.4.3
CHINA (Sichuan, Yunnan*)

Resedaceae 木樨草科

Stixis villiflora J. Y. Shen, S. Landrein, W. G. Wang & X. D. Ma 多毛斑果藤 [New Species] IUCN: CR: B1ab(i,v)+2ab (i,v),D; Evidence: Morphology
SHEN Jian-yong, LANDREIN Sven, WANG Wen-guang, MA Xing-da, SHI Ji-pu, *Stixis villiflora*, a New Species of Resedaceae from Yunnan, China. *Taiwania* 65 (1): 10-14. 2020 [10] doi: 10.6165/tai.2020.65.10
CHINA (Yunnan*)

Rhamnaceae 鼠李科

Rhamnella intermedia Z. Qiang Lu & Y. Shuai Sun [New Species] IUCN: NE; Evidence: ITS; Morphology
LU Zhi-qiang, SUN Yong-shuai, *Rhamnella intermedia* (Rhamnaceae), a New Evergreen Species from Southwest Guangxi. *PhytoKeys* 159: 115-126. 2020 [119] doi: 10.3897/phytokeys.159.53177
CHINA (Guangxi*)

Rosaceae 蔷薇科

Eriobotrya bengalensis (Roxb.) Kurz f. *intermedia* J. E. Vidal [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [103] doi: 10.3897/phytokeys.139.47967
CHINA (Yunnan); MYANMAR*, VIET NAM

Eriobotrya bengalensis (Roxb.) Kurz var. *angustifolia* Cardot [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [103] doi: 10.3897/phytokeys.139.47967
CHINA (Yunnan*)

Eriobotrya brackloi Hand.-Mazz. [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [103] doi: 10.3897/phytokeys.139.47967
CHINA (Guangdong*)

Eriobotrya brackloi Hand.-Mazz. var. *atrachophylla* Hand.-Mazz. [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [104] doi: 10.3897/phytokeys.139.47967
CHINA (Hunan*)

Eriobotrya grandiflora Rehder & E. H. Wilson [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [107] doi: 10.3897/phytokeys.139.47967
CHINA (Sichuan*)

Eriobotrya henryi Nakai [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [107] doi: 10.3897/phytokeys.139.47967
CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Eriobotrya laoshanica W. B. Liao, Q. Fan & Su F. Chen 老山枇杷 [New Species] IUCN: CR: B2ab(v); Evidence: Chloroplast WGS; Morphology
CHEN Su-fang, MENG Kai-kai, GUO Xi-bing, ZHAO Wan-yi, LIAO Wen-bo, FAN Qiang, A New Species of *Eriobotrya* (Rosaceae) from Yunnan Province, China. *PhytoKeys* 146: 61-69. 2020 [64] doi: 10.3897/phytokeys.146.50728
CHINA (Yunnan*)

Eriobotrya prinoides Rehder & E. H. Wilson [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [110] doi: 10.3897/phytokeys.139.47967
CHINA (Yunnan*)

Eriobotrya salwinensis Hand.-Mazz. [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [111] doi: 10.3897/phytokeys.139.47967
CHINA (Yunnan*)

Eriobotrya serrata J. E. Vidal [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [111] doi: 10.3897/phytokeys.139.47967
CHINA (Guangxi, Yunnan); LAOS*

Geum sunhangii D. G. Zhang, T. Deng, Z. Y. Lv & Zhi M. Li 神农花 [New Species] IUCN: NT; Evidence: nrITS, trnL-trnF; Morphology
LV Zhen-yu, ZHANG Dai-gui, HUANG Xian-han, WANG Heng-chang, YANG Jing-yuan, TOJIBAEV Komiljon, DENG Tao, LI Zhi-min, *Geum sunhangii* (Rosaceae), a New Species from Hubei Province, China. *PhytoKeys* 156: 113-124. 2020 [115] doi: 10.3897/phytokeys.156.37277
CHINA (Hubei*)

Hiptage cavaleriei H. Lév. [Typification]
LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in *Eriobotrya* (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [112] doi: 10.3897/phytokeys.139.47967
CHINA (Guizhou*)

Hiptage lushuiensis S. P. Dong, K. Tan & M. X. Ren 泸水风笋果 [New Species] IUCN: CR; Evidence: Morphology
DONG Shu-peng, TAN Ke, REN Ming-xun, A New Species of *Hiptage* (Malpighiaceae) from Nuijiang Gorge, Southwest China. *Nordic Journal of Botany* 38 (e02436): 1-6. 2020 [2] doi: 10.1111/njb.02436
CHINA (Yunnan*)

Pourthiaea amphidoxa (C. K. Schneid.) Stapf [Typification]
GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between *Photinia*, *Stranvaesia* and *Heteromeles* (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [111] doi: 10.11646/phytotaxa.447.2.3
CHINA (Sichuan*)

Pourthiaea amphidoxa (C. K. Schneid.) Stapf var. *amphileia* (Hand.-Mazz.) W. Guo, W. B. Liao & Long Y. Wang [New Combination]
B.: *Photinia amphidoxa* Rehder & E. H. Wilson var. *amphileia* Hand.-Mazz.
GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between *Photinia*, *Stranvaesia* and *Heteromeles* (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [111] doi: 10.11646/phytotaxa.447.2.3
CHINA (Hunan*)

Pourthiaea amphidoxa (C. K. Schneid.) Stapf var. *amphileia* (Hand.-Mazz.) W. Guo, W. B. Liao & Long Y. Wang [Typification]
GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between *Photinia*, *Stranvaesia* and *Heteromeles* (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [111] doi: 10.11646/phytotaxa.447.2.3
CHINA (Hunan*)

Pourthiaea tomentosa (T. T. Yu & T. C. Ku) Long Y. Wang, W. Guo & W. B. Liao [New Combination]
B.: *Stranvaesia tomentosa* T. T. Yu & T. C. Ku
GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between *Photinia*, *Stranvaesia* and *Heteromeles* (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [111] doi: 10.11646/phytotaxa.447.2.3
CHINA (Chongqing*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Pourthiaea tomentosa (T. T. Yu & T. C. Ku) Long Y. Wang, W. Guo & W. B. Liao [Typification]

GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between Photinia, Stranvaesia and Heteromeles (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [111] doi: 10.11646/phytotaxa.447.2.3

CHINA (Chongqing*)

Rhaphiolepis Lindl. [New Synonyms]

S.: *Eriobotrya* Lindl.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [9] doi: 10.3389/fpls.2019.01731

CHINA

Rhaphiolepis × *daduheensis* (Hui Z. Zhang ex W. B. Liao, Q. Fan & M. Y. Ding) B. B. Liu & J. Wen [New Combination]

B.: *Eriobotrya* × *daduheensis* Hui Z. Zhang ex W. B. Liao, Q. Fan & M. Y. Ding

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [10] doi: 10.3389/fpls.2019.01731

CHINA (Sichuan)

Rhaphiolepis bengalensis (Roxb.) B. B. Liu & J. Wen f. *angustifolia* (Cardot) B. B. Liu & J. Wen 窄叶南亚枇杷 [New Combination]

B.: *Eriobotrya bengalensis* (Roxb.) Hook. f. var. *angustifolia* Cardot

LIU Bin-bin, WANG Yu-bing, HONG De-yuan, WEN Jun, A Synopsis of the Expanded Rhaphiolepis (Maleae, Rosaceae). *PhytoKeys* 154: 19-55. 2020 [23] doi: 10.3897/phytokeys.154.52790

CHINA (Yunnan*)

Rhaphiolepis cavaleriei (H. Lév.) B. B. Liu & J. Wen [New Combination]

B.: *Hiptage cavaleriei* H. Lév.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [10] doi: 10.3389/fpls.2019.01731

CHINA (Fujian, Guangdong, Guangxi, Guizhou, Hubei, Hunan, Jiangxi, Sichuan); VIET NAM

Rhaphiolepis deflexa (Hemsl.) B. B. Liu & J. Wen [New Combination]

B.: *Photinia deflexa* Hemsl.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [10] doi: 10.3389/fpls.2019.01731

CHINA (Guangdong, Hainan, Taiwan); VIET NAM

Rhaphiolepis elliptica (Lindl.) B. B. Liu & J. Wen [New Combination]

B.: *Eriobotrya elliptica* Lindl.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [10] doi: 10.3389/fpls.2019.01731

CHINA (Xizang); NEPAL

Rhaphiolepis ferruginea F. P. Metcalf var. *serrata* F. P. Metcalf 齿叶锈毛石斑木 [Typification]

LIU Bin-bin, WANG Yu-bing, HONG De-yuan, WEN Jun, A Synopsis of the Expanded Rhaphiolepis (Maleae, Rosaceae). *PhytoKeys* 154: 19-55. 2020 [31] doi: 10.3897/phytokeys.154.52790

CHINA (Fujian, Guangdong*, Guangxi)

Rhaphiolepis fulvicoma (Chun ex W. B. Liao, F. F. Li & D. F. Cui) B. B. Liu & J. Wen [New Combination]

B.: *Eriobotrya fulvicoma* Chun ex W. B. Liao, F. F. Li & D. F. Cui

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [10] doi: 10.3389/fpls.2019.01731

CHINA (Guangdong)

Rhaphiolepis gracilis Nakai [Typification]

LIU Bin-bin, WANG Yu-bing, HONG De-yuan, WEN Jun, A Synopsis of the Expanded Rhaphiolepis (Maleae, Rosaceae). *PhytoKeys* 154: 19-55. 2020 [34] doi: 10.3897/phytokeys.154.52790

CHINA (Zhejiang*)

Rhaphiolepis hainanensis F. P. Metcalf [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

LIU Bin-bin, WANG Yu-bing, HONG De-yuan, WEN Jun, A Synopsis of the Expanded *Rhaphiolepis* (Maleae, Rosaceae). *PhytoKeys* 154: 19-55. 2020 [38] doi: 10.3897/phytokeys.154.52790
CHINA (Hainan*)

Rhaphiolepis henryi (Nakai) B. B. Liu & J. Wen [New Combination]
B.: *Eriobotrya henryi* Nakai

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Guizhou, Yunnan); MYANMAR

Rhaphiolepis loquata B. B. Liu & J. Wen [New Name]
R.: *Mespilus japonica* Thunb.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Chongqing, Hubei); INDIA, JAPAN, KOREA

Rhaphiolepis malipoensis (K. C. Kuan) B. B. Liu & J. Wen [New Combination]
B.: *Eriobotrya malipoensis* K. C. Kuan

LIU Bin-bin, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Yunnan)

Rhaphiolepis obovata (W. W. Sm.) B. B. Liu & J. Wen [New Combination]
B.: *Eriobotrya obovata* W. W. Sm.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Yunnan)

Rhaphiolepis parvibracteolata Merr. [Typification]

LIU Bin-bin, WANG Yu-bing, HONG De-yuan, WEN Jun, A Synopsis of the Expanded *Rhaphiolepis* (Maleae, Rosaceae). *PhytoKeys* 154: 19-55. 2020 [35] doi: 10.3897/phytokeys.154.52790
CHINA (Hainan*)

Rhaphiolepis prinoides (Rehder & E. H. Wilson) B. B. Liu & J. Wen [New Combination]
B.: *Eriobotrya prinoides* Rehder & E. H. Wilson

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Sichuan, Yunnan); LAOS

Rhaphiolepis salwinensis (Hand.-Mazz.) B. B. Liu & J. Wen [New Combination]
B.: *Eriobotrya salwinensis* Hand.-Mazz.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Yunnan, Xizang); INDIA, MYANMAR

Rhaphiolepis seguinii (H. Lév.) B. B. Liu & J. Wen [New Combination]
B.: *Symplocos seguinii* H. Lév.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [11] doi: 10.3389/fpls.2019.01731
CHINA (Guizhou, Yunnan)

Rhaphiolepis serrata (J. E. Vidal) B. B. Liu & J. Wen [New Combination]
B.: *Eriobotrya serrata* J. E. Vidal

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, *Eriobotrya* Belongs to *Rhaphiolepis* (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [12] doi: 10.3389/fpls.2019.01731
CHINA (Guangxi, Yunnan); LAOS

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Rhaphiolepis tengyuehensis (W. W. Sm.) B. B. Liu & J. Wen [New Combination]

B.: *Eriobotrya tengyuehensis* W. W. Sm.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [12] doi: 10.3389/fpls.2019.01731

CHINA (Xizang, Yunnan); MYANMAR

Rhaphiolepis umbellata (Thunb.) Makino var. *liukiuensis* Koidz. 琉球厚叶石斑木 [Typification]

LIU Bin-bin, WANG Yu-bing, HONG De-yuan, WEN Jun, A Synopsis of the Expanded Rhaphiolepis (Maleae, Rosaceae). *PhytoKeys* 154: 19-55. 2020 [48] doi: 10.3897/phytokeys.154.52790

CHINA (Taiwan); JAPAN, KOREA*

Rhaphiolepis williamtelliana (M. F. Fay & Christenh.) B. B. Liu & J. Wen [New Combination]

B.: *Pyrus williamtelliana* M. F. Fay & Christenh.

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Eriobotrya Belongs to Rhaphiolepis (Maleae, Rosaceae): Evidence from Chloroplast Genome and Nuclear Ribosomal DNA Data. *Frontiers in Plant Science* 10 (1731): 1-14. 2020 [12] doi: 10.3389/fpls.2019.01731

CHINA (Guangdong, Guangxi, Hainan, Hongkong, Xizang); VIET NAM

Rubus jingningensis Z. H. Chen, F. Chen & F. G. Zhang 景宁悬钩子 [New Species]

ZHAO Chang-gao, XU Hong-feng, ZHANG Fang-gang, CHEN Feng, XIE Wen-yuan, CHEN Zheng-hai, Rubus jingningensis (Rosaceae), a New Species from Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 244-246 (316). 2020 [244] doi: 10.12191/j.issn.1674-232X.2020.03.004

CHINA (Zhejiang*)

Rubus parvifolius L. f. *alba* K. Ye 白花茅莓 [New Form]

YE Kang, ZHU Xin-xin, New Records and New Form of Spermatophyte in Anhui Province. *Journal of Plant Resources and Environment* 29 (6): 72-74. 2020 [73] doi: 10.3969/j.issn.1674-7895.2020.06.10

CHINA (Anhui*)

Rubus tephrodes Hance 灰白毛莓 [New Synonyms]

S.: *Rubus tephrodes* Hance var. *ampliflorus* (H. Lév. & Vaniot) Hand.-Mazz.

XU Hong-feng, CHEN Lin, ZHANG Fang-gang, MEI Xu-dong, XIE Wen-yuan, CHEN Zheng-hai, New Materials of Rubus L. in Zhejiang (II). *Journal of Zhejiang Forestry Science and Technology* 40 (3): 85-90. 2020 [87] doi: 10.3969/j.issn.1001-3776.2020.04.015

CHINA (Guangdong*, Zhejiang)

Sorbus gongshanensis X. F. Gao & Meng Li [New Species] IUCN: DD; Evidence: Morphology

LI Meng, GAO Xin-fen, TIAN Jing, JU Wen-bin, Sorbus gongshanensis (Rosaceae), a New Species from the Hengduan Mountains, China. *PhytoKeys* 144: 1-9. 2020 [2] doi: 10.3897/phytokeys.144.48516

CHINA (Xizang, Yunnan*)

Stranvaesia bodinieri (H. Lév.) Long Y. Wang, W. B. Liao & W. Guo [New Combination]

B.: *Photinia bodinieri* H. Lév.

GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between Photinia, Stranvaesia and Heteromeles (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [110] doi: 10.11646/phytotaxa.447.2.3

CHINA (Guizhou*)

Stranvaesia bodinieri (H. Lév.) Long Y. Wang, W. B. Liao & W. Guo [Typification]

GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between Photinia, Stranvaesia and Heteromeles (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [110] doi: 10.11646/phytotaxa.447.2.3

CHINA (Guizhou*)

Stranvaesia nussia (Buch.-Ham. ex D. Don) Decne. [Typification]

GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between Photinia, Stranvaesia and Heteromeles (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [110] doi: 10.11646/phytotaxa.447.2.3

CHINA (Xizang, Yunnan); INDIA, LAOS, MYANMAR, NEPAL*, PHILIPPINES, THAILAND

Stranvaesia oblanceolata (Rehder & E. H. Wilson) Stapf [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

GUO Wei, FAN Qiang, ZHANG Xian-zhi, LIAO Wen-bo, WANG Long-yuan, WU Wei, POTTER Daniel, Molecular Reappraisal of Relationships between Photinia, Stranvaesia and Heteromeles (Rosaceae, Maleae). *Phytotaxa* 447 (2): 103-115. 2020 [110] doi: 10.11646/phytotaxa.447.2.3

CHINA (Yunnan*)

Symplocos arisanensis Hayata 阿里山山矾 [Correction]

A.: *Symplocos lancifolia* auct. non Siebold & Zucc.: C. Z. Zheng in Y. Y. Fang, Fl. Zhejiang 5: 81, 1992; Y. F. Wu in Y. F. Wu & S. M. Hwang, Fl. Reipubl. Popularis Sin. 60(2): 51, 1987, p.p.; Y. F. Wu & H. P. Nootboom in C. Y. Wu & al., Fl. China 15: 24

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [48] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Taiwan, Zhejiang); JAPAN, KOREA

Symplocos botryantha Franch. 总状山矾 [Correction]

A.: *Symplocos sumuntia* auct. non Buch.-Ham. ex D. Don: Y. F. Wu & H. P. Nootboom in C. Y. Wu & al., Fl. China 15: 243, 1996.

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [49] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang); JAPAN, KOREA

Symplocos botryantha Franch. 总状山矾 [Correction]

A.: *Symplocos sumuntia* auct. non Buch.-Ham. ex D. Don: Y. F. Wu & H. P. Nootboom in C. Y. Wu & al., Fl. China 15: 243, 1996.

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [49] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang); JAPAN, KOREA

Symplocos caudata Wall. ex G. Don 山矾 [Correction]

A.: *Symplocos sumuntia* auct. non Buch.-Ham. ex D. Don: Y. F. Wu in Y. F. Wu & S. M. Hwang, Fl. Reipubl. Popularis Sin. 60(2): 22: 11-13, 1987; C. Z. Zheng in Y. Y. Fang, Fl. Zhejiang ed. 2, 5: 84, 1992; Y. F. Wu & H. P. Nootboom in C. Y. Wu & al., Fl. C

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [49] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang)

Symplocos coreana (H. Lév.) Ohwi 朝鲜白檀 [New Record]

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [52] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang); JAPAN, KOREA

Symplocos phyllocalyx C. B. Clarke 叶萼山矾 [Correction]

A.: *Symplocos lucida* auct. non (Thunb.) Siebold & Zucc.: Y. F. Wu & H. P. Nootboom in C. Y. Wu & al., Fl. China 15: 242, 1996.

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [50] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang)

Symplocos prunifolia Siebold et Zucc. 黑山山矾 [New Synonyms]

S.: *Symplocos heishanensis* Hayata

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [51] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang); JAPAN

Symplocos seguinii H. Lév. [Typification]

LIU Bin-bin, LIU Guang-ning, HONG De-yuan, WEN Jun, Typification of 23 Names in Eriobotrya (Maleae, Rosaceae). *PhytoKeys* 139: 99-118. 2020 [112] doi: 10.3897/phytokeys.139.47967

CHINA (Guizhou*)

Symplocos tanakana Nakai 白檀 [Correction]

A.: *Symplocos paniculata* auct. non (Thunb. ex Murray) Miq.: Icon. Cormophyt. Sin. 3: 331, 1974; Fl. Jiangsu: 615, 1977; Medic. Pl. Zhejiang: 992, 1980; T. L. Wu, Fl. Guangdong 1: 422-423, 1987; Fl. Reipubl. Popularis Sin. 60(2): 72, 1987; Fl. China 15: 2

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [48] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Guangdong, Zhejiang); JAPAN, KOREA

Symplocos theophrastifolia Siebold & Zucc. 黄牛奶树 [Correction]

A.: *Symplocos laurina* auct. non (Retz.) Wall.: Y. F. Wu in Y. F. Wu & S. M. Hwang, Fl. Reipubl. Popularis Sin. 60(2): 55, 1987; C. Z. Zheng in Y. Y. Fang, Fl. Zhejiang ed. 2, 5: 81, 1992

CHEN Zheng-hai, CHEN Xian-xing, LI Gen-you, XIE Wen-yuan, CHEN Feng, Taxonomic Revision of the Genus *Symplocos* Jacq. from Zhejiang Province. *Journal of Wenzhou University (Natural Science Edition)* 41 (1): 47-55. 2020 [51] doi: 10.3875/j.issn.1674-3563.2020.01.007

CHINA (Zhejiang)

Rubiaceae 茜草科

Dimetia brevipetiolata R. J. Wang 短柄藤耳草 [New Species] IUCN: LC; Evidence: ITS, petD; Morphology

ZHANG Ying, JIANG Guo-bin, WANG Rui-jiang, *Dimetia brevipetiolata* (Spermacoceae: Rubiaceae): a New Species from Guangxi, China. *Phytotaxa* 428 (1): 43-50. 2020 [45] doi: 10.11646/phytotaxa.428.1.4

CHINA (Guangxi*)

Hedyotis zhihaoana Huan C. Wang & Xiao Lan Liu 志浩耳草 [New Species] IUCN: NE; Evidence: ITS; Morphology

LIU Xiao-lan, LI Yu-ran, YANG Feng, WANG Huan-chong, *Hedyotis zhihaoana* (Rubiaceae), a New Species from Yunnan, Southwest China. *Phytotaxa* 461 (3): 166-174. 2020 [168] doi: 10.11646/phytotaxa.461.3.3

CHINA (Yunnan*)

Involucrella lithophila M. D. Yuan & R. J. Wang [New Species] IUCN: LC; Evidence: ITS, petD; Morphology

YUAN Ming-deng, WANG Rui-jiang, *Involucrella lithophila* (Rubiaceae: Spermacoceae): a New Species from Guangxi, China. *Phytotaxa* 464 (1): 59-68. 2020 [60] doi: 10.11646/phytotaxa.464.1.4

CHINA (Guangxi*)

Rutaceae 芸香科

Murraya macrophylla (C. C. Huang) F. J. Mou & D. X. Zhang 大叶九里香 [New Combination]

B.: *Murraya kwangsiensis* (C. C. Huang) C. C. Huang var. *macrophylla* C. C. Huang

MOU Feng-juan, HU Xiu, MA Shi-zhu, LI Yi-guo, *Murraya macrophylla*, A Name at New Rank and New Combination of Rutaceae and Its Supplements of Biological Characteristics. *Guihaia* 40 (2): 272-276. 2020 [274] doi: 10.11931/guihaia.gxzw201811001

CHINA (Guangxi*)

Zanthoxylum huangianum Z. H. Chen & F. Chen 梗花椒 [New Name]

R.: *Zanthoxylum stipitatum* C. C. Huang

CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [98] doi: 10.12191/j.issn.1674-232X.2020.06.014

CHINA (Fujian, Guangdong*, Guangxi, Hunan, Zhejiang)

Zanthoxylum molle Rehder 朵椒 [Correction]

A.: *Zanthoxylum ailanthoides* Siebold & Zucc. var. *pubescens* auct. non. Hatus.: Z. Wei & Y. B. Zhang in Z. Wei & Y. Q. He, Fl. Zhejiang 3: 424. 1993

CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [97] doi: 10.12191/j.issn.1674-232X.2020.06.014

CHINA (Zhejiang)

Zanthoxylum simulans Hance subsp. *calcareum* Z. H. Chen, F. Chen & W. Zhu 毛野花椒 [New Subspecies]

CHEN Feng, XIE Wen-yuan, ZHANG Shui-li, ZHANG Fen-yao, CHEN Zheng-hai, Additional Notes on the Seed Plants in Zhejiang (II). *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (6): 96-102. 2020 [100] doi: 10.12191/j.issn.1674-232X.2020.06.014

CHINA (Zhejiang*)

Salicaceae 杨柳科

Salix acuminatOMICROPHYLLA K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [180] doi: 10.3417/2020602
CHINA (Yunnan*)

Salix alfredii Goerz ex Rehder & Kobuski [Typification]

LIU Li-juan, HE Li, APPLEQUIST Wendy L., Untangling Two Chinese *Salix* Species (Salicaceae) Published by C. K. Schneider, with Lectotypification of Four Names. *Willdenowia* 50 (2): 159-163. 2020 [161] doi: 10.3372/wi.50.50201
CHINA (Gansu*)

Salix annulifera C. Marquand & Airy Shaw 环纹矮柳 [Typification]

ZENG Si-wen, HE Li, Lectotypification and Morphological Notes of *Salix annulifera* C. Marquand & Airy Shaw (Salicaceae). *Journal of Tropical and Subtropical Botany* 28 (3): 236-240. 2020 [237] doi: 10.11926/jtsb.4106
CHINA (Xizang*, Yunnan)

Salix atopantha C. K. Schneid. var. *glabra* K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [181] doi: 10.3417/2020602
CHINA (Zhejiang*)

Salix crenata K. S. Hao [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [181] doi: 10.3417/2020602
CHINA (Yunnan*)

Salix forrestii K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [182] doi: 10.3417/2020602
CHINA (Yunnan*)

Salix kansuensis K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [182] doi: 10.3417/2020602
CHINA (Gansu*)

Salix mictotricha C. K. Schneid. [Typification]

LIU Li-juan, HE Li, APPLEQUIST Wendy L., Untangling Two Chinese *Salix* Species (Salicaceae) Published by C. K. Schneider, with Lectotypification of Four Names. *Willdenowia* 50 (2): 159-163. 2020 [161] doi: 10.3372/wi.50.50201
CHINA (Hubei*)

Salix ovatomicrophylla K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [183] doi: 10.3417/2020602
CHINA (Yunnan*)

Salix polyclona C. K. Schneid. [New Synonyms]

S.: *Salix mictotricha* C. K. Schneid.; *Salix alfredii* Goerz ex Rehder & Kobuski; *Salix wuana* K. S. Hao ex C. F. Fang & A. K. Skvortsov
LIU Li-juan, HE Li, APPLEQUIST Wendy L., Untangling Two Chinese *Salix* Species (Salicaceae) Published by C. K. Schneider, with Lectotypification of Four Names. *Willdenowia* 50 (2): 159-163. 2020 [161] doi: 10.3372/wi.50.50201
CHINA (Gansu, Henan, Hubei*, Qinghai, Shaanxi, Sichuan)

Salix polyclona C. K. Schneid. [Typification]

LIU Li-juan, HE Li, APPLEQUIST Wendy L., Untangling Two Chinese *Salix* Species (Salicaceae) Published by C. K. Schneider, with Lectotypification of Four Names. *Willdenowia* 50 (2): 159-163. 2020 [161] doi: 10.3372/wi.50.50201
CHINA (Gansu, Henan, Hubei*, Qinghai, Shaanxi, Sichuan)

Salix pseudowolohoensis K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae). *Novon* 28 (3): 180-185. 2020 [183] doi: 10.3417/2020602
CHINA (Yunnan*)

Salix rhoophila C. K. Schneid. [Typification]

LIU Li-juan, HE Li, APPLEQUIST Wendy L., Untangling Two Chinese *Salix* Species (Salicaceae) Published by C. K. Schneider, with Lectotypification of Four Names. *Willdenowia* 50 (2): 159-163. 2020 [160] doi: 10.3372/wi.50.50201
CHINA (Hubei*, Shaanxi)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Salix schneideriana K. S. Hao ex C. F. Fang & A. K. Skvortsov [Typification]

HE Li, APPLEQUIST Wendy L., Lectotypifications and Nomenclatural Notes for Hao's New Chinese Taxa in *Salix* (Salicaceae).

Novon 28 (3): 180-185. 2020 [183] doi: 10.3417/2020602

CHINA (Yunnan*)

Saxifragaceae 虎耳草科

Chrysosplenium pilosopetiolatum C. P. Tsien 毛柄金腰 [New Synonyms]

S.: *Chrysosplenium pilosum* Maxim. var. *pilosopetiolatum* (C. P. Tsien) J. T. Pan

CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [68] doi: 10.3969/j.issn.1001-3776.2020.04.012

CHINA (Hunan*, Zhejiang)

Chrysosplenium zhouzhiense Hong Liu bis 周至金腰 [New Species] IUCN: EN: D1; Evidence: Morphology

FU Long-fei, LIAO Rui, LAN De-qing, WEN Fang, LIU Hong, A New Species of *Chrysosplenium* (Saxifragaceae) from Shaanxi, North-western China. *PhytoKeys* 159: 127-135. 2020 [129] doi: 10.3897/phytokeys.159.56109

CHINA (Shaanxi*)

Scapaniaceae 合叶苔科

Diplophyllum purpurascens Bakalin & Vilnet [New Species] IUCN: NE; Evidence: Morphology

BAKALIN Vadim, VILNET Anna, KLIMOVA Ksenia, MA Wen-zhang, NGUYEN Van Sinh, *Diplophyllum purpurascens* (Scapaniaceae, Marchantiophyta) - a New Species from Sino-Himalaya (China). *Phytotaxa* 447 (2): 116-126. 2020 [120] doi: 10.11646/phytotaxa.447.2.4

CHINA (Yunnan*)

Selaginellaceae 卷柏科

Selaginella subvaginata X. C. Zhang & Shalimov [New Species] IUCN: DD; Evidence: rbcL, atpI, psbA; Morphology

ZHANG Xian-chun, SHALIMOV Aleksandr Petrovich, KANG Jong-soo, ZHANG Meng-hua, *Selaginella subvaginata* (Selaginellaceae), a New Spikemoss from China. *Journal of Species Research* 9 (3): 221-232. 2020 [222] doi: 10.12651/JSR.2020.9.3.221

CHINA (Sichuan *)

Solanaceae 茄科

Solanum triflorum Nutt. 羽裂叶龙葵 [New Record]

YAN Jing, ZHAO Li-qing, MA Jin-shuang, *Solanum triflorum* Nutt., a Newly Naturalized Species of *Solanum* in China. *Plant Science Journal* 38 (6): 730-732. 2020 [731] doi: 10.11913/PSJ.2095-0837.2020.60730

CHINA (Nei Mongol); UNITED STATES*

Styracaceae 安息香科

Meliiodendron wangianum Hu [Typification]

WU Xue-hui, ZHANG Rui, UTTERIDGE Timothy M. A., LIU Yu-lin, YANG Guang-Yao, TANG Ming, A Review of the Chinese Monotypic Genus *Meliiodendron* (Styracaceae), with a New Synonym of *M. xylocarpum*. *Kew Bulletin* 75 (53): 1-8. 2020 [3] doi: 10.1007/S12225-020-09913-4

CHINA (Sichuan*)

Meliiodendron xylocarpum Hand.-Mazz. [New Synonyms]

S.: *Meliiodendron xylocarpum* Hand.-Mazz. var. *roseolum* Z. X. Yu

WU Xue-hui, ZHANG Rui, UTTERIDGE Timothy M. A., LIU Yu-lin, YANG Guang-Yao, TANG Ming, A Review of the Chinese Monotypic Genus *Meliiodendron* (Styracaceae), with a New Synonym of *M. xylocarpum*. *Kew Bulletin* 75 (53): 1-8. 2020 [3] doi: 10.1007/S12225-020-09913-4

CHINA (Fujian, Guangdong*, Guangxi, Guizhou, Hong Kong, Hunan, Jiangxi, Shanghai, Sichuan, Yunnan)

Meliiodendron xylocarpum Hand.-Mazz. var. *roseolum* Z. X. Yu [Typification]

WU Xue-hui, ZHANG Rui, UTTERIDGE Timothy M. A., LIU Yu-lin, YANG Guang-Yao, TANG Ming, A Review of the Chinese Monotypic Genus *Meliiodendron* (Styracaceae), with a New Synonym of *M. xylocarpum*. *Kew Bulletin* 75 (53): 1-8. 2020 [3] doi: 10.1007/S12225-020-09913-4

CHINA (Jiangxi*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Rehderodendron macrophyllum (C. Y. Wu & K. M. Feng) W. Y. Zhao, P. W. Fritsch & W. B. Liao 大叶木瓜红 [New Combination]
B.: *Parastyrax macrophyllus* C. Y. Wu & K. M. Feng
ZHAO Wan-yi, FRITSCH Peter W., LIU Zhong-cheng, FAN Qiang, JIN Jian-hua, LIAO Wen-bo, New Combinations and Synonyms
in *Rehderodendron* (Styracaceae). *PhytoKeys* 161: 79-88. 2020 [84] doi: 10.3897/phytokeys.161.54970
CHINA (Yunnan*)

Rehderodendron macrophyllum (C. Y. Wu & K. M. Feng) W. Y. Zhao, P. W. Fritsch & W. B. Liao 大叶木瓜红 [Typification]
ZHAO Wan-yi, FRITSCH Peter W., LIU Zhong-cheng, FAN Qiang, JIN Jian-hua, LIAO Wen-bo, New Combinations and Synonyms
in *Rehderodendron* (Styracaceae). *PhytoKeys* 161: 79-88. 2020 [84] doi: 10.3897/phytokeys.161.54970
CHINA (Yunnan*)

Rehderodendron microcarpum K. M. Feng ex T. L. Ming [New Synonyms]
S.: *Rehderodendron gongshanense* Y. C. Tang
ZHAO Wan-yi, FRITSCH Peter W., FAN Qiang, LIAO Wen-bo, Taxonomic Reassessment of *Rehderodendron gongshanense*
(Styracaceae) Based on Herbarium Specimens and Field Observations. *Phytotaxa* 450 (1): 1-7. 2020 [3] doi:
10.11646/phytotaxa.450.1.1
CHINA (Yunnan*); MYANMAR

Styrax buchananii W. W. Sm 中甸安息香 [New Record]
ZHAO Wan-yi, LIU Zhong-cheng, JIN Jian-hua, LIAO Wen-bo, *Styrax buchananii* W. W. Sm., A Newly Recorded Species of
Styracaceae from China. *Journal of Tropical and Subtropical Botany* 28 (5): 520-522. 2020 [520] doi: 10.11926/jtsb.4243
CHINA (Yunnan); MYANMAR*

Theaceae 山茶科

Camellia hainanica Y. L. Zhao & Z. G. Xu [New Species] IUCN: NE; Evidence: matK; Morphology
XU Zheng-gang, YUAN De-yi, TANG Yong-cheng, WU Liang, ZHAO Yun-lin, *Camellia hainanica* (Theaceae) a New Species from
Hainan, Supported from Morphological Characters and Phylogenetic Analysis. *Pakistan Journal of Botany* 52 (3): 1025-1032. 2020
[1028] doi: 10.30848/PJB2020-3(31)
CHINA (Hainan*)

Camellia lucidissima Hung T. Chang subsp. *jingningensis* Z. H. Chen, P. L. Chiu & W. Y. Xie 景宁白山茶 [New Subspecies]
XIE Wen-yuan, CHEN Feng, ZHANG Fen-yao, XU Shao-qing, CHEN Zheng-hai, Correction and Supplement of the Seed Plant Flora
in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 247-252. 2020 [250] doi:
10.12191/j.issn.1674-232X.2020.03.005
CHINA (Zhejiang*)

Camellia microphylla (Merr.) S. S. Chien 细叶短柱茶 [New Synonyms]
S.: *Camellia brevistyla* Cohen-Stuart var. *microphylla* (Merr.) T. L. Ming
XIE Wen-yuan, CHEN Feng, ZHANG Fen-yao, XU Shao-qing, CHEN Zheng-hai, Correction and Supplement of the Seed Plant Flora
in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 247-252. 2020 [249] doi:
10.12191/j.issn.1674-232X.2020.03.005
CHINA (Anhui*)

Camellia microphylla (Merr.) S. S. Chien f. *rubida* (P. L. Chiu) Z. H. Chen & P. L. Chiu 红花短柱茶 [New Combination]
B.: *Camellia brevistyla* Cohen-Stuart f. *rubida* P. L. Chiu
XIE Wen-yuan, CHEN Feng, ZHANG Fen-yao, XU Shao-qing, CHEN Zheng-hai, Correction and Supplement of the Seed Plant Flora
in Zhejiang. *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 247-252. 2020 [250] doi:
10.12191/j.issn.1674-232X.2020.03.005
CHINA (Zhejiang*)

Camellia rostrata S. X. Yang & S. F. Chai 喙果金花茶 [New Species] IUCN: CR; Evidence: Morphology
LIU Zhen-wen, CHAI Sheng-feng, WU Fang-yuan, YE Pin-ming, JIANG Chang-jie, ZHANG Zhi-rong, YU Xiang-qin, MA Jin-lin,
YANG Shi-xiong, *Camellia rostrata*, a New Species of Yellow Camellias from Southwest China. *Phytotaxa* 459 (1): 61-68. 2020
[62] doi: 10.11646/phytotaxa.459.1.6
CHINA (Guangxi*)

Camellia zhaiana S. X. Yang 红花长柄茶 [New Species] IUCN: NE; Evidence: Morphology
LIU Zhen-wen, YE Pin-ming, LI Zhi-hui, WEI Xiao-juan, LIU En-de, ZHANG Zhi-rong, MA Jin-lin, YANG Shi-xiong, *Camellia*
zhaiana (sect. *Longipedicellata*), a New Species of Theaceae from Guangxi, China. *Phytotaxa* 460 (3): 225-229. 2020 [225] doi:
10.11646/phytotaxa.460.3.5
CHINA (Guangxi*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Stewartia gemmata S. S. Chien & W. C. Cheng 天目紫茎 [New Synonyms]

S.: *Stewartia brevipalys* S. Z. Yan; *Stewartia sinensis* Rehder & E. H. Wilson var. *brevipalys* (S. Z. Yan) T. L. Ming & J. Li

CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [69] doi: 10.3969/j.issn.1001-3776.2020.04.012

CHINA (Zhejiang*)

Stewartia gemmata S. S. Chien & W. C. Cheng 天目紫茎 [Typification]

CHEN Feng, XIE Wen-yuan, ZHANG Fen-yao, ZHANG Hong-wei, CHEN Xian-xing, CHEN Zheng-hai, Notes on Seed Plant in Zhejiang Province (V). *Journal of Zhejiang Forestry Science and Technology* 40 (4): 67-72. 2020 [69] doi: 10.3969/j.issn.1001-3776.2020.04.012

CHINA (Zhejiang*)

Thymelaeaceae 瑞香科

Daphne kiusiana Miq. f. *purpurea* X. F. Jin, Z. H. Chen & Y. F. Lu 红花毛瑞香 [New Form]

ZHANG Zhong-zhao, CHEN Zheng-hai, CHEN Feng, XIE Wen-yuan, LI Gen-you, Additional Notes on the Seed Plant Flora of Zhejiang (VII). *Journal of Zhejiang Forestry Science and Technology* 40 (6): 52-55. 2020 [54] doi: 10.3969/j.issn.1001-3776.2020.06.008

CHINA (Zhejiang*)

Vitaceae 葡萄科

Causonis wentsiana Z. H. Chen, F. Chen & X. F. Jin [New Species] IUCN: NE; Evidence: atpB-rbcL, trnC-petN, trnH-psbA, trnL-F; Morphology

CHEN Zheng-hai, CHEN Feng, LU Yi-fei, XIE Wen-yuan, JIN Xiao-feng, Three New Species of Cayratia-like genera (Vitaceae) from Zhejiang, East China. *Phytotaxa* 475 (4): 253-266. 2020 [257] doi: 10.11646/phytotaxa.475.4.3

CHINA (Zhejiang*)

Causonis montana Z. H. Chen, Y. F. Lu & X. F. Jin [New Species] IUCN: NE; Evidence: atpB-rbcL, trnC-petN, trnH-psbA, trnL-F; Morphology

CHEN Zheng-hai, CHEN Feng, LU Yi-fei, XIE Wen-yuan, JIN Xiao-feng, Three New Species of Cayratia-like genera (Vitaceae) from Zhejiang, East China. *Phytotaxa* 475 (4): 253-266. 2020 [261] doi: 10.11646/phytotaxa.475.4.3

CHINA (Zhejiang*)

Pseudocayratia orientalisinensis Z. H. Chen, W. Y. Xie & X. F. Jin [New Species] IUCN: NE; Evidence: atpB-rbcL, trnC-petN, trnH-psbA, trnL-F; Morphology

CHEN Zheng-hai, CHEN Feng, LU Yi-fei, XIE Wen-yuan, JIN Xiao-feng, Three New Species of Cayratia-like genera (Vitaceae) from Zhejiang, East China. *Phytotaxa* 475 (4): 253-266. 2020 [261] doi: 10.11646/phytotaxa.475.4.3

CHINA (Zhejiang*)

Woodsiaceae 岩蕨科

Physematium indusiosum (Christ) Li Bing Zhang, N. T. Lu & X. F. Gao [New Combination]

B.: *Woodsia indusiosa* Christ

LU Ngan Thi, ZHOU Xin-Mao, ZHANG Liang, KNAPP Ralf, LI Chun-xiang, FAN Xue-ping, ZHOU Lin, WEI Hong-jin, LU Jin-mei, XU Bo, PENG Yu-lan, GAO Xin-fen, ZHANG Li-bing, A Global Plastid Phylogeny of the Cliff Fern Family Woodsiaceae and a Two-Genus Classification of Woodsiaceae with the Description of *Woodsimatum* nothogen. nov. *Taxon* 68 (6): 1149-1172. 2020 [1166] doi: 10.1002/tax.12180

CHINA (Yunnan)

Physematium kangdingense (H. S. Kung, Li Bing Zhang & X. S. Guo) Li Bing Zhang, N. T. Lu & X. F. Gao [New Combination]

B.: *Woodsia kangdingensis* H. S. Kung, Li Bing Zhang & X. S. Guo

LU Ngan Thi, ZHOU Xin-Mao, ZHANG Liang, KNAPP Ralf, LI Chun-xiang, FAN Xue-ping, ZHOU Lin, WEI Hong-jin, LU Jin-mei, XU Bo, PENG Yu-lan, GAO Xin-fen, ZHANG Li-bing, A Global Plastid Phylogeny of the Cliff Fern Family Woodsiaceae and a Two-Genus Classification of Woodsiaceae with the Description of *Woodsimatum* nothogen. nov. *Taxon* 68 (6): 1149-1172. 2020 [1166] doi: 10.1002/tax.12180

CHINA (Sichuan, Yunnan)

Zingiberaceae 姜科

Boesenbergia quangngaiensis N. S. Lý 广义凹唇姜 [New Record]

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

LI Wei-jie, YANG Hai-jian, YE Yu-shi, KANG Yong, ZHANG Wen, JIANG Xi-ling, PANG Yu-xin, ZHENG Xi-long, *Boesenbergia quangngaiensis* N. S. Lý, A Newly Recorded Species of Zingiberaceae from China. *Journal of Tropical and Subtropical Botany* 28 (3): 241-244. 2020 [241] doi: 10.11926/jtsb.4153
CHINA (Hainan); VIETNAM*

Hedychium mechukanum M. Sabu & Hareesh [New Species] IUCN: DD; Evidence: Morphology
SABU M., HAREESH V. S., *Hedychium mechukanum* (Zingiberaceae), A New Species from the Eastern Himalayas, India. *The Gardens' Bulletin Singapore* 72 (2): 291-297. 2020 [292] doi: 10.26492/gbs72(2).2020-12
CHINA (Xizang*)

Zingiber chengii Y. H. Tseng, C. M. Wang & Yuan C. Lin 狭叶姜 [New Species] IUCN: EN: B1;C2a(i); Evidence: Morphology
WANG Chiu-mei, LIN Yuan-chien, TSENG Yen-hsueh, *Zingiber chengii* (Zingiberaceae), a New Species from Taiwan. *PhytoKeys* 139: 1-11. 2020 [3] doi: 10.3897/phytokeys.139.37294
CHINA (Taiwan*)

Zingiber porphyrochilum Y. H. Tan & H. B. Ding [New Species] IUCN: NE; Evidence: Morphology
DING Hong-bo, YANG Bin, LU Xiao-qiang, TAN Yun-hong, *Zingiber porphyrochilum* (Zingiberaceae), a New Species from Yunnan, China. *Annales Botanici Fennici* 57 (4-6): 197-201. 2020 [197] doi: 10.5735/085.057.0401
CHINA (Yunnan*)

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

List of journals

- Acta Botanica Boreali-Occidentalia Sinica**, 西北植物学报, 西北植物研究 (1981-1984). ISSN: 1000-4025. China: Yangling 1981-.
- Acta Bryolichenologica Asiatica**, 亚洲苔藓地衣学报. ISSN: 1016-6181. Finland: Mailantie 1989-
- Acta Phytotaxonomica & Geobotanica**. ISSN: 1346-7565. Japan: Tokyo 2001-. Continues: 植物分类, 地理 (1932-2001).
- Annales Botanici Fennici**. ISSN: 0003-3847 [P]/ 1797-2442 [E]. Finland: Helsinki 1964-.
- Annals of the Missouri Botanical Garden**. ISSN: 0026-6493 [P]/ 2162-4372 [E]. United States: St. Louis 1914-.
- Bangladesh Journal of Botany**. ISSN: 0253-5416 [P]/ 2079-9926 [E]. Bangladesh: Dhaka 1972-.
- Biodiversity Science**, 生物多样性, Chinese Biodiversity. ISSN: 1005-0094. China: Beijing 1993-.
- Botanical Studies** (Taipei), a Springer Open Journal, 植物学研究. ISSN: 1999-3110. China, Taiwan: Taipei 2013-. Continues: Botanical Bulletin of Academia Sinica “中央研究院”植物学汇刊 (1960-2005), Botanical Studies a International Journal (2006-2012).
- Brittonia**. ISSN: 0007-196X [P]/ 1938-436X [E]. United States: New York 1931-.
- Bulletin of Botanical Research**, 植物研究, 木本植物研究 (1988-2000). ISSN: 1673-5102. China: Harbin 1980-. Continues: Bulletin of the Herbarium of North-Eastern Forestry Academy 东北林学院植物标本室刊 (1959-1961), Bulletin of Botanical Laboratory of Norestry Institue 东北林学院植物研究室汇刊 (1979-1980).
- Bulletin of the Cupressus Conservation Project**. ISSN: 2235-3992 [P]/ 2235-400X [E]. Switzerland: Geneva 2012-.
- Cladistics**, The International Journal of the Willi Hennig Society. ISSN: 0748-3007 [P]/ 1096-0031 [E]. United States: Westport 1985-.
- Die Orchidee** (Herausgeber). ISSN: 2366-0643 [E]. Germany: Niedernhausen 2015-. Continues: Die Orchidee, Beiträge zur Förderung der Orchideenkunde. ISSN: 0473-1425. Germany: Niedernhausen 1949-2014.
- Forest Science and Technology**, 林业科技通讯. ISSN: 1671-4938. China: Beijing 1958-.
- Frahmia**. ISSN: 2199-4897. Germany: Bernhausen 2014-.
- Frontiers in Plant Science**. ISSN: 1664-462X [E]. Switzerland: Lausanne 2010-.
- Guihaia**, 广西植物. ISSN: 1000-3142. China: Guilin 1980-. Continues: 植物研究通讯 内刊 (1975-1978).
- Indian Forester**. ISSN: 0019-4816 [P]/ 2321-094X [E]. India: Dehradun 1875-.
- Hattoria**. ISSN: 2185-8241 [P]/ 2423-8961 [E]. Japan: Nichinan 2010-
- Herzogia**: Zeitschrift der Bryologisch-licheologischen Arbeitsgemeinschaft für Mitteleuropa. ISSN: 0018-0971 [P]/ 2700-2829 [E]. Germany: Lehre 1968-
- Inner Mongolia Forestry Investigation and Design**, 内蒙古林业调查设计. ISSN: 1006-6993. China: Hohhot 1978-.
- International Journal of Plant Sciences**. ISSN: 1058-5893 [P]/ 1537-5315 [E]. United States: Chicago 1992-. Continues: Botanical Gazette (Chicago, Ill.) (1876-1991).
- Journal of Botanical Research**. ISSN: 2630-5054 [E]. Singapore: Singapore 2019-.
- Journal of Bryology**. ISSN: 0373-6687 [P]/ 1743-2820 [E]. United Kingdom: Leeds 1972-. Continues: Transactions of the British Bryological Society (1947-1971).
- Journal of Fujian Agriculture and Forestry University** (Natural Science Edition), 福建农林大学学报 (自然科学版). ISSN: 1671-5470. China: Fuzhou. 1997-. Continues: Journal of Fujian Agricultural University 福建农业大学学报 (1995-1996); Journal of Fujian Agricultural College 福建农学院学报 (1953-1994).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Journal of Hangzhou Normal University (Natural Science Edition), 杭州师范大学学报 (自然科学版). ISSN: 1674-232X. China: Hangzhou 2008-. Continues: Journal of Hangzhou Teachers College (Natural Sciences Edition) 杭州师范学院学报 (自然科学版) (1979-2007).

Journal of Liaoning Normal University (Natural Science Edition), 辽宁师范大学学报 (自然科学版). ISSN: 1000-1735. China: Dalian 1984-. Continues: Journal of Liaoning Normal College (Natural Science Edition) 辽宁师院学报 (自然科学版) (1978-1983)

Journal of Nanjing Forestry University (Natural Sciences Edition), 南京林业大学学报 (自然科学版). ISSN: 1000-2006. China: Nanjing 1986-. Continues: Nanjing Forestry College (1958-1971, 1983-1985) 南京林学院学报, Nanjing Technological College of Forest Products 南京林产工学院学报 (1972-1982).

Journal of Plant Resources and Environment, 植物资源与环境学报, 植物资源与环境 (1992-1999). ISSN:1674-7895. China: Nanjing 1992-.

Journal of Species Research. ISSN: 2234-7909. Korea: Incheon 2012-.

Journal of Systematics and Evolution. ISSN: 1674-4918 [P]/ 1759-6831 [E]. China: Beijing 2009-. Continues: Acta Phytotaxonomica Sinica 植物分类学报 (1951-2008).

Journal of Tropical and Subtropical Botany, 热带亚热带植物学报. ISSN: 1005-3395. China: Guangzhou 1993-. Continues: 华南植物研究 (1992).

Journal of Wenzhou University (Natural Science Edition), 温州大学学报 (自然科学版). ISSN: 1674-3563. China: Wenzhou 2007-. Continues: 温州师范学院学报 (1987-2006); 温州师专学报 (1980-1986); 温州师范学院学报 (1963).

Journal of West China Forestry Science, 西部林业科学. ISSN: 1672-8246. China: Kunming 2004-. Continues: Yunnan Forestry Science and Technology 云南林业科技 (1972-2003).

Journal of Zhejiang Forestry Science and Technology, 浙江林业科技. ISSN: 1001-3776. China: Hangzhou 1972-.

Journal of Zhejiang University (Science Edition), 浙江大学学报 (理学版). ISSN: 1008-9497. China: Hangzhou 1999-. Continues: Journal of Hangzhou University (Nature Science) 杭州大学学报 (自然科学版) (1956-1998).

Kew Bulletin. ISSN: 0075-5974 [P]/ 1874-933X [E]. United Kingdom: Surrey 1946-.

Molecular Phylogenetics and Evolution. ISSN: 1055-7903 [P]/ 1095-9513 [E]. United States: Orlando 1993-.

Nordic Journal of Botany. ISSN: 1756-1051. Sweden: Oxford 1980-. Continues: Norwegian Journal of Botany (1971-1980), Nytt Magasin for Botanikk (1952-1970).

Northern Horticulture, 北方园艺. ISSN: 1001-0009. China: Harbin 1987-. Continues: 黑龙江园艺 (1977-1986).

Novon, a Journal for Botanical Nomenclature. ISSN: 1055-3177 [P]/ 1945-6174 [E]. United States: St. Louis 1991-.

Novosti Sistematiki Vysshikh Rastenii, Новости Систематики Высших Растений. ISSN: 0568-5435. Russia: St. Petersburg 1964-.

Pakistan Journal of Botany. ISSN: 0556-3321 [P]/ 2070-3368 [E]. Pakistan: Peshawar 1995-.

PhytoKeys. ISSN: 1314-2011 [P]/ 1314-2003 [E]. Bulgaria: Sofia 2010-.

Phytoneuron, Digital Publications in Plant Biology. ISSN: 2153-733X. United States: Fort Worth 2010-.

Phytotaxa. ISSN: 1179-3155 [P]/ 1179-3163 [E]. New Zealand: Auckland 2009-.

Plant Ecology and Evolution. ISSN: 2032-3913 [P]/ 2032-3921 [E]. Belgique: Brussels 2010-.

Plant Diversity. ISSN: 2468-2659. China: Kunming 2016-. Continues: 云南植物研究内刊 (1975-1978), Acta Botanica Yunnanica 云南植物研究 (1979-2010), Plant Diversity and Resources 植物分类与资源学报 (2011-2015).

Plant Quarantine, 植物检疫. ISSN: 1005-2755. China: Beijing 1979-.

Plant Science Journal, 植物科学学报. ISSN: 2095-0837. China: Wuhan 2011-. Continues: Journal of Wuhan Botanical Research 武汉植物研究 (1983-2010).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Plant Systematics and Evolution. ISSN: 0378-2697 [P]/ 2199-6881 [E]. Austria: Wien 1974-. Continues: Oesterreichische Botanische Zeitschrift (1858-1942), (1947-1996).

Plants (MDPI). ISSN: 2223-7747. Switzerland: Basel 2012-.

Protection Forest Science and Technology, 防护林科技. ISSN: 1005-5215. China: Qiqihar 1983-.

Rheede, Official Journal of Indian Association for Angiosperm Taxonomy. ISSN: 0971-2313. India: Kolkata 1991-.

Symbolae Botanicae Upsalienses, Acta Universitatis Upsaliensis. ISSN: 0082-0644. Sweden: Uppsala 1932-.

Systematic Botany, Quarterly Journal of the American Society of Plant Taxonomists. ISSN: 0363-6445 [P]/ 1548-2324 [E]. United States: New York 1976-. Continues: Brittonia (1937-1975).

Taiwan Journal of Biodiversity, 台湾生物多样性研究. ISSN: 2076-6971. China, Taiwan: Nantou 2010-. Continues: Endemic Species Research 特有生物研究 (1999-2009).

Taiwan Quarterly Journal of Forest Research, 林业研究季刊. ISSN: 1606-8351. China, Taiwan: Taichung 1979-.

Taiwania, International Journal of Life Sciences. ISSN: 0372-333X. China, Taiwan: Taipei 1948-. Continues: Acta Botanica Taiwanica (1947).

Taxon, International Journal of Taxonomy, Phylogeny and Evolution. ISSN: 0040-0262 [P]/ 1996-8175 [E]. International Organization: Bratislava 1951-.

Thai Forest Bulletin (Botany). ISSN: 0495-3843. Thailand: Bangkok 1954-.

The Gardens' Bulletin Singapore. ISSN: 0374-7859 [P]/ 2382-5812 [E]. Singapore: Singapore 1967-. Continues: The Gardens' Bulletin, Straits Settlements (1912-1966).

The Journal of Japanese Botany, 植物研究杂志. ISSN: 0022-2062. Japan: Tokyo 1916-.

Willdenowia, Mitteilungen aus dem Botanischen Garten und Museum Berlin-Dahlem. ISSN: 0511-9618. Germany: Berlin-Dahlem 1953-.

World Bamboo and Rattan, 世界竹藤通讯. ISSN: 1672-0431. China: Beijing 2003-. Continues: 竹类文摘 (1988-2002)

Types of Chinese new plant species in 2020

Aconitum haridasanii R. Tiwary, Harsh Singh & D. Adhikari (Ranunculaceae) *Phytotaxa* 440 (3): 232. 2020.

TYPE: CHINA (Xizang*), 9/20/2018, R. Tiwary, H. Singh, P. P. Singh & D. Adhikari 303752 (holotype: LWG; isotype: LWG).

Aconitum laxifolium W. T. Wang (Ranunculaceae) *Bulletin of Botanical Research* 40 (1): 4. 2020.

TYPE: CHINA (Sichuan*), 9/10/2018, S. R. Zhang, Y. M. Zhao & J. X. Wang 1766 (holotype: PE-02293706).

Aconitum tenuigaleatum W. T. Wang (Ranunculaceae) *Bulletin of Botanical Research* 40 (1): 1. 2020.

TYPE: CHINA (Sichuan*), 9/11/2018, S. R. Zhang, Y. M. Zhao & Z. S. Zhang 1682 (holotype: PE-02293704).

Ainsliaea daheishanensis Y. L. Peng, C. X. Yang & Y. Luo (Asteraceae) *PhytoKeys* 138: 234. 2020.

TYPE: CHINA (Yunnan*), 1/14/2019, Y. L. Peng & C. X. Yang SE02248 (holotype: CDBI; isotype: HITBC).

Ainsliaea wuyuanensis Z. H. Chen, Y. L. Xu & X. F. Jin (Asteraceae) *Guihaia* 40 (1): 96. 2020.

TYPE: CHINA (Jiangxi*), 10/11/2018, Z. H. Chen, F. Chen & Y. H. Hong JXWY18101102 (holotype: ZM; isotype: ZM).

Alangium confertiflorum Y. H. Tan & H. B. Ding (Cornaceae) *Taiwania* 65 (4): 517. 2020.

TYPE: CHINA (Yunnan*), LAOS, 4/23/2019, Y. H. Tan, B. Yang, H. B. Ding, X. D. Zeng, D. L. Quan, G. Yan & S. H. You T0456 (holotype: HITBC-0030007; isotype: HITBC-0030008, HITBC-0030009); B. Yang & al. T0457 (paratype: HITBC-0030010, HITBC-0030011, HITBC-0030012); J. W. Li & Y. H. Tan 3019 (paratype: HITBC, TAI); J. W. Li 4548 (paratype: HITBC, KUN, K); Y. H. Tan & al. G2-0046 (paratype: HITBC); Y. H. Tan & al. (paratype: HITBC); B. Yang & al. G2-373 (paratype: HITBC); Y. H. Tan & al. L0988 (paratype: HITBC, HNL).

Allium xinlongense D. F. Xie & X. J. He (Amaryllidaceae) *Phytotaxa* 432 (3): 280. 2020.

TYPE: CHINA (Sichuan*), 9/23/2019, D. F. Xie XDF20190923 (holotype: SZ; isotype: SZ).

Allocheilos maguanensis W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 158. 2020.

TYPE: CHINA (Yunnan*), 7/11/2017, Y. M. Shui, S. W. Guo & al. B2017-1343 (holotype: KUN).

Allocheilos rubroglandulosus W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 161. 2020.

TYPE: CHINA (Yunnan*), 11/6/2017, Y. M. Shui & al. B2017-1287 (holotype: KUN; isotype: PE).

Alocasia lihengiae C. L. Long & Q. Fang (Araceae) *Phytotaxa* 436 (2): 98. 2020.

TYPE: CHINA (Yunnan*), 8/18/2018, C. L. Long 2018107 (holotype: KUN; isotype: KUN); C. L. Long 2018108-1 (paratype: KUN); C. L. Long 2018108-2 (paratype: KUN); C. L. Long 2018108-3 (paratype: KUN); C. L. Long 2018108-4 (paratype: KUN); C. L. Long 2018108-5 (paratype: KUN); C. L. Long 2018108-6 (paratype: KUN); C. L. Long 2018108-7 (paratype: KUN).

Alocasia yunqiana Z. X. Ma, Yi F. Li & J. T. Yin (Araceae) *Phytotaxa* 460 (4): 278. 2020.

TYPE: CHINA (Yunnan*), 6/7/2019, Yi F. Li & Z. X. Ma 142 (holotype: PE; isotype: A); J. T. Yin 877 (paratype: HITBC).

Alseodaphnopsis maguanensis Lang Li & J. Li (Lauraceae) *PhytoKeys* 138: 31. 2020.

TYPE: CHINA (Yunnan*), 5/14/2016, Lang Li & al. GLQ26 (holotype: HITBC); Lang Li & al. 2016033 (paratype: HITBC).

Aristolochia wenshanensis Lei Cai, D. M. He & Z. L. Dao (Aristolochiaceae) *Taiwania* 65 (1): 41. 2020.

TYPE: CHINA (Yunnan*), 3/23/2019, Lei Cai & D. M. He CL225 (holotype: KUN; isotype: KUN,TAI); M. Q. Han HMQ1293 (paratype: IBK).

Aristolochia yachangensis B. G. Huang, Yan Liu & Y. S. Huang (Aristolochiaceae) *PhytoKeys* 153: 41. 2020.

TYPE: CHINA (Guangxi*), 7/29/2019, Z. C. Lu & al. 20190729YC4141 (holotype: IBK; isotype: GXMG, IBK); Y. J. Luo & S. W. Li 20190421001 (paratype: IBK); Y. J. Luo & al. YC4439 (paratype: IBK).

Aspidistra brachypetala C. R. Lin & B. Pan (Asparagaceae) *Taiwania* 65 (2): 195. 2020.

TYPE: CHINA (Guangxi*), 3/28/2019, C. R. Lin 1306 (holotype: IBK; isotype: IBK).

Aspidistra dahuaensis D. X. Nong & L. Y. Yu (Asparagaceae) *Phytotaxa* 472 (1): 84. 2020.

TYPE: CHINA (Guangxi*), 5/22/2019, D. X. Nong & al. 451229190522024LY (holotype: GXMG; isotype: GXMG).

Aspidistra jiangjinensis S. R. Yi & C. R. Lin (Asparagaceae) *Phytotaxa* 437 (3): 164. 2020.

TYPE: CHINA (Chongqing*), 2/13/2019, S. R. Yi YSR8101 (holotype: IBK00421261; isotype: IBK-00241262).

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Aspidistra longiconnectiva C. T. Lu, K. C. Chuang & J. C. Wang (Asparagaceae) *Taiwania* 65 (3): 281. 2020.
TYPE: CHINA (Taiwan*), 5/15/2012, C. T. Lu 2230 (holotype: TNU; isotype: TAI).

Aspidistra xichouensis Lei Cai, Z. L. Dao & G. W. Hu (Asparagaceae) *Phytotaxa* 439 (2): 145. 2020.
TYPE: CHINA (Yunnan*), 3/21/2019, Lei Cai CL221 (holotype: KUN; isotype: KUN, HIB); G. W. Hu HGW-00973 (paratype: HIB)

Aster chuanshanensis W. P. Li (Asteraceae) *Annales Botanici Fennici* 57 (4-6): 342. 2020.
TYPE: CHINA (Shaanxi*, Sichuan), 10/20/2015, W. P. Li LWP1510133 (holotype: HNNU; isotype: HNNU); W. P. Li LWP1608054 (paratype: HNNU); W. P. Li LWP1608055 (paratype: HNNU); W. P. Li LWP1608057 (paratype: HNNU); W. P. Li LWP1608058 (paratype: HNNU); W. P. Li LWP1608064 (paratype: HNNU); W. P. Li LWP1510130 (paratype: HNNU).

Aster huangpingensis W. P. Li & Z. Li (Asteraceae) *Phytotaxa* 433 (3): 242. 2020.
TYPE: CHINA (Guizhou*), 9/13/2017, W. P. Li & Z. Li LWPLZ1709015 (holotype: HNNU); W. P. Li & Z. Li LWP-LZ1709008 (paratype: HNNU); W. P. Li & Z. Li LWP-LZ1709007 (paratype: HNNU); W. P. Li & Z. Li LWP-LZ1709006 (paratype: HNNU); Z. Li LZ1610012 (paratype: HNNU); Z. Li LZ1610013 (paratype: HNNU); Z. Li LZ1610015 (paratype: HNNU).

Aster kanoi S. W. Chung, W. J. Huang & T. C. Hsu (Asteraceae) *Taiwania* 65 (3): 316. 2020.
TYPE: CHINA (Taiwan*), 8/21/2019, S. W. Chung 13946 (holotype: TAIF; isotype: TAI, HAST).

Astragalus shaerqinensis Lei Liu & Zhi Yong Li (Fabaceae) *Annales Botanici Fennici* 57 (1-3): 181. 2020.
TYPE: CHINA (Nei Mongol*), 6/6/2014, Lei Liu & Zhi Yong Li 774 (holotype: FGC; isotype: FGC).

Begonia aurora C. I Peng, Yan Liu & W. B. Xu (Begoniaceae) *Botanical Studies (Taipei)* 61 (21): 3. 2020.
TYPE: CHINA (Guangxi*), 4/18/2016, C. I Peng 24765 (holotype: IBK; isotype: E, HAST-144966, K, KUN, PE); C. I Peng 23696 (paratype: HAST-144551).

Begonia depingiana Y. H. Tan & H. B. Ding (Begoniaceae) *Phytotaxa* 474 (1): 82. 2020.
TYPE: CHINA (Yunnan*), 9/16/2019, D. P. Ye T0372 (holotype: HITBC-0030005; isotype: HITBC-0030006); H. B. Ding, Y. X. Gong, & D. P. Ye T0569 (paratype: HITBC).

Begonia guangdongensis W. H. Tu, B. M. Wang & Yu L. Li (Begoniaceae) *PhytoKeys* 162: 30. 2020.
TYPE: CHINA (Guangdong*), 10/26/2019, Yu L. Li & al. 263 (holotype: CANT; isotype: IBSC).

Begonia larvata C. I Peng, Yan Liu & W. B. Xu (Begoniaceae) *Botanical Studies (Taipei)* 61 (21): 7. 2020.
TYPE: CHINA (Guangxi*), 6/15/2014, C. I Peng & al. 24372 (holotype: IBK; isotype: HAST-138465); W. B. Xu 14146 (paratype: HAST-144947).

Begonia longiornithophylla C. I Peng, W. B. Xu & Yan Liu (Begoniaceae) *Botanical Studies (Taipei)* 61 (21): 10. 2020.
TYPE: CHINA (Guangxi*), 6/23/2008, C. I Peng 21518-A (holotype: IBK; isotype: E, HAST-144967, K, KUN, PE); C. I Peng 21518 (paratype: HAST-140791).

Begonia lui S. M. Ku, C. I Peng & Yan Liu (Begoniaceae) *Botanical Studies (Taipei)* 61 (21): 13. 2020.
TYPE: CHINA (Guangxi*), 5/22/2007, C. I Peng 21112-A (holotype: IBK; isotype: HAST-144968); S. P. Ko 55623 (paratype: IBSC); C. I Peng 21111 (paratype: HAST-117599); C. I Peng & al. 21112 (paratype: HAST-117600).

Begonia mengdongensis H. H. Xi (Begoniaceae) *Nordic Journal of Botany* 38 (e02645): 2. 2020.
TYPE: CHINA (Yunnan*), 8/6/2019, S. Y. Xiao, H. H. Xi, Y. Q. Wang & B. Xiao KIBGX087B18 (holotype: KUN; isotype: HITBC); S. Y. Xiao, H. H. Xi, Y. Q. Wang & B. Xiao KIBGX085B12 (paratype: KUN, HITBC).

Begonia oyuniae Taram & N. Krishna (Begoniaceae) *The Gardens' Bulletin Singapore* 72 (1): 110. 2020.
TYPE: CHINA (Xizang*), 5/22/2019, M. Taram 301 (holotype: CAL; isotype: ASSAM).

Begonia puerensis W. G. Wang, X. D. Ma & J. Y. Shen (Begoniaceae) *Nordic Journal of Botany* 38 (e02618): 2. 2020.
TYPE: CHINA (Yunnan*), 9/3/2019, J. Y. Shen & X. D. Ma 1588 (holotype: HITBC; isotype: HITBC, HIB); S. S. Zhou 3024 (paratype: HITBC); S. S. Zhou 2920 (paratype: HITBC); J. Y. Shen & X. D. Ma 1555 (paratype: HITBC); W. G. Wang & K. H. He 1702 (paratype: HITBC).

Begonia scabrifolia C. I Peng, Yan Liu & C. W. Lin (Begoniaceae) *Botanical Studies (Taipei)* 61 (21): 16. 2020.
TYPE: CHINA (Guangxi*), 5/18/2009, C. I Peng 22197 (holotype: IBK; isotype: HAST-144969).

Begonia xishuangbannaensis W. G. Wang & Li J. Jiang (Begoniaceae) *Annales Botanici Fennici* 57 (4-6): 249. 2020.
TYPE: CHINA (Yunnan*), 11/7/2019, W. G. Wang & K. H. He 1700 (holotype: HITBC-0031087; isotype: HITBC-0031088).

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Begonia zhuoyuniae C. I Peng, Yan Liu & K. F. Chung (Begoniaceae) *Botanical Studies (Taipei)* 61 (21): 16. 2020.

TYPE: CHINA (Guangxi*), 12/18/2005, C. I Peng 20737-A (holotype: IBK; isotype: E, HAST-144991, K, KUN, PE); S. M. Ku 2024 (paratype: HAST-144990); C. I Peng 21061 (paratype: HAST-117106).

Berberis baiyuensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 140. 2020.

TYPE: CHINA (Sichuan*), 8/21/2006, D. E. Boufford, B. Bartholomew, S. L. Kelley, R. H. Ree, H. Sun, L. L. Yue, D. C. Zhang, Y. H. Zhang & W. D. Zhu 36945 (holotype: A; isotype: CAS, E, KUN, TI).

Berberis barkamensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 140. 2020.

TYPE: CHINA (Sichuan*), 9/23/2005, C. S. Chang, H. Kim, H. I. Lim, S. Park, C. Ho, W. B. Feng, S. X. Yu & D. M. Zheng SI0488 (holotype: SNUA-00015986; isotype: KH-B1148121, KH-B1148122, SNUA-00015987).

Berberis basumchuensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 141. 2020.

TYPE: CHINA (Xizang*), 8/14/2000, D. E. Boufford, S. L. Kelley, R. H. Ree & S. K. Wu 30026 (holotype: A-00279936; isotype: CAS-1078425, HAST-115114, KUN, TI).

Berberis baxoiensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 142. 2020.

TYPE: CHINA (Xizang*), 7/28/2000, D. E. Boufford, S. L. Kelley, R. H. Ree & S. K. Wu 29770 (holotype: A-00279931; isotype: CAS-1078914, HAST-115004, KUN, TI).

Berberis biguensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 142. 2020.

TYPE: CHINA (Yunnan*), 8/31/2013, D. E. Boufford, J. F. Harber & X. H. Li 43333 (holotype: PE; isotype: A, CAS, E, K, KUN, TI).

Berberis bouffordii Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 144. 2020.

TYPE: CHINA (Qinghai*), 6/22/1995, D. E. Boufford, M. J. Donoghue, X. F. Lu & T. S. Ying 26650 (holotype: A-00279964; isotype: CAS-26650, HAST-73898, TI-73898).

Berberis cornuta Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 164. 2020.

TYPE: CHINA (Xizang*), 5/21/1936, F. Ludlow & G. Sherriff 1626 (holotype: BM-000939688).

Berberis dahaiensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 165. 2020.

TYPE: CHINA (Yunnan*), 9/10/2013, D. E. Boufford, J. F. Harber & X. H. Li 43529 (holotype: PE; isotype: A, BM, CAS, E, K, KUN, TI).

Berberis deqenensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 171. 2020.

TYPE: CHINA (Yunnan*), 6/2/1993, Gothenburg Exped. 683 (holotype: E-00125284; isotype: GB-0128809).

Berberis difficilis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 176. 2020.

TYPE: CHINA (Sichuan*), 8/26/2013, D. E. Boufford, J. F. Harber & Q. Wang 43269 (holotype: PE; isotype: A, BM, CAS, E, K, KUN, MO, TI).

Berberis dulongjiangensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 180. 2020.

TYPE: CHINA (Yunnan*), 9/14/2008, Z. L. Dao, M. Lear, Y. H. Li & M. Wickenden 63 (holotype: PE; isotype: A, CAS, E, K, KUN, TI).

Berberis ebianensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 61. 2020.

TYPE: CHINA (Sichuan*), 9/16/2010, X. J. Li 184 (holotype: TAIF-405632; isotype: TAIF-405633).

Berberis elliptifolia Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 180. 2020.

TYPE: CHINA (Qinghai*), 6/22/1995, D. E. Boufford, M. J. Donoghue, X. F. Lu & T. S. Ying 26652 (holotype: A-00279960; isotype: MO-4920164).

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Berberis emeishanensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 181. 2020.

TYPE: CHINA (Sichuan*), 6/1/1904, *E. H. Wilson (Veitch)* 4726A (holotype: A-00279867; isotype: A-00279868, IBSC-0000591, K, P-02313289).

Berberis epedicellata Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 182. 2020.

TYPE: CHINA (Sichuan*), 9/20/1991, *J. Simmons, C. Erskine, C. Howick & W. McNamara* 538 (holotype: K).

Berberis exigua Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 184. 2020.

TYPE: CHINA (Yunnan*), 9/2/2005, *S. & D. Rankin* 4219 (holotype: PE; isotype: A, BM, KUN, MO, P, TI).

Berberis gaoshanensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 188. 2020.

TYPE: CHINA (Sichuan*), 8/27/2013, *D. E. Boufford, J. F. Harber & Q. Wang* 43280 (holotype: PE; isotype: A, CAS, E, K, KUN, TI).

Berberis gongshanensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 192. 2020.

TYPE: CHINA (Yunnan*), 7/17/2000, *H. Li, B. Bartholomew, P. Thomas, P. W. Fritsch, Z. L. Dao, Z. L. Wang & R. Li* 12776 (holotype: E-00238635; isotype: CAS-00120137, GH-00280003, HAST-89937, KUN-1410011, MO-5754350).

Berberis gyaitangensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 192. 2020.

TYPE: CHINA (Yunnan*), 6/15/2016, *P. Brownless* 1049 (holotype: E-00831857; isotype: A).

Berberis heishuiensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 194. 2020.

TYPE: CHINA (Sichuan*), 5/8/2014, *D. E. Boufford, S. Cristoph, C. Davidson, Y. D. Gao & Q. Y. Xiang* 43610 (holotype: PE; isotype: A, CDBI, E, MO, TI).

Berberis hubianensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 199. 2020.

TYPE: CHINA (Yunnan*), 8/31/2013, *D. E. Boufford, J. F. Harber & X. H. Li* 43336 (holotype: PE; isotype: A, E, KUN).

Berberis kangwuensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 208. 2020.

TYPE: CHINA (Sichuan*), 9/7/2013, *D. E. Boufford, J. F. Harber & X. H. Li* 43494 (holotype: PE; isotype: A, BM, CAS, E, HAST, IBSC, K, KUN, MO, PE, TI).

Berberis lhunzensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 213. 2020.

TYPE: CHINA (Xizang*), 5/15/2013, *V. Gallavan s.n.* (holotype: PE; isotype: A, E).

Berberis lhunzhubensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 214. 2020.

TYPE: CHINA (Xizang*), 7/12/1944, *F. Ludlow & G. Sherriff* 9974 (holotype: BM-000939687; isotype: E-00351618).

Berberis lixianensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 215. 2020.

TYPE: CHINA (Sichuan*), 5/9/2014, *D. E. Boufford, S. Cristoph, C. Davidson, Y. D. Gao & Q. Y. Xiang* 43624 (holotype: PE; isotype: A, CDBI, E, MO, TI).

Berberis longipedicellata Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 215. 2020.

TYPE: CHINA (Sichuan*), 7/28/2007, *D. E. Boufford, K. Fujikawa, S. L. Kelley, R. H. Ree, B. Xu, D. C. Zhang, J. W. Zhang, T. C. Zhang & W. D. Zhu* 38505 (holotype: A; isotype: CAS, E, KUN, MO, TI).

Berberis mabiluoensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 217. 2020.

TYPE: CHINA (Yunnan*), 9/25/2008, *Z. L. Dao, M. Lear, Y. H. Li & M. Wickenden* 304 (holotype: PE; isotype: A, BM, CAS, E, IBSC, K, KUN, MO, TI, WSY).

Berberis markamensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 218. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Xizang*), 6/15/1976, *Qinghai-Xizang Exped. 11882* (holotype: KUN-0178848; isotype: KUN-0178849, PE-01037688, PE-01037829, HNWP).

Berberis monticola Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 223. 2020.

TYPE: CHINA (Yunnan*), 8/29/2013, *D. E. Boufford, J. F. Harber & Q. Wang 43304* (holotype: PE; isotype: A, E, KUN).

Berberis nanifolia Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 227. 2020.

TYPE: CHINA (Yunnan*), 9/4/2013, *D. E. Boufford, J. F. Harber & X. H. Li 43437* (holotype: PE-01892852; isotype: A-00914432, BM-001190939, CAS, E-00833562, E-00833563, HAST, IBSC, K, KUN, MO-1204038, TI).

Berberis ngawaica Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 228. 2020.

TYPE: CHINA (Sichuan*), 5/9/2014, *D. E. Boufford, S. Cristoph, C. Davidson, Y. D. Gao & Q. Y. Xiang 43640* (holotype: PE; isotype: A, CDBI, E, MO, TI).

Berberis ninglangensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 229. 2020.

TYPE: CHINA (Yunnan*), 7/1/1922, *G. Forrest 22051* (holotype: E-00570041; isotype: A-00105609, CAL-0000027192, K, US-009465992).

Berberis nujiangensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 92. 2020.

TYPE: CHINA (Xizang*), 9/1/1935, *C. W. Wang 66201* (holotype: A-00038691; isotype: KUN-0177061, NAS-00314333, PE-01031007, PE-01031008, PE-01031009, WUK-0047683).

Berberis nyingchiensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 229. 2020.

TYPE: CHINA (Xizang*), 5/21/1947, *F. Ludlow, G. Sherriff & H. H. Elliot 13731* (holotype: BM-000794117; isotype: A-00279577, E-00258233).

Berberis pluvisylvatica Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 234. 2020.

TYPE: CHINA (Xizang*), 5/30/1947, *F. Ludlow, G. Sherriff & H. H. Elliot 15077* (holotype: BM-000939719).

Berberis polybotrys Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 235. 2020.

TYPE: CHINA (Yunnan*), 10/11/1994, *P. Brownless 1048* (holotype: E-00831859; isotype: A, PE).

Berberis pratensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 238. 2020.

TYPE: CHINA (Sichuan*), 8/28/2013, *D. E. Boufford, J. F. Harber & Q. Wang 43293* (holotype: PE; isotype: A, E, KUN).

Berberis pruinosa Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 240. 2020.

TYPE: CHINA (Sichuan*), 6/1/1929, *J. F. Rock 17775* (holotype: E-00392889; isotype: A-00279469, A-00279472, IBSC-0091670, US-00945922).

Berberis purpureocaulis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 243. 2020.

TYPE: CHINA (Sichuan*), 6/1/1929, *J. F. Rock 17957* (holotype: A-00279718; isotype: K, P-02682339, US-00945962, US-00946000).

Berberis qamdoensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 243. 2020.

TYPE: CHINA (Xizang*), 8/12/2004, *D. E. Boufford, J. H. Chen, S. L. Kelley, J. Li, R. H. Ree, H. Sun, J. P. Yue & Y. H. Zhan 32224* (holotype: A-00279934; isotype: KUN).

Berberis qinghaiensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 245. 2020.

TYPE: CHINA (Qinghai*), 8/9/2007, *D. E. Boufford, K. Fujikawa, S. L. Kelley, R. H. Ree, B. Xu, D. C. Zhang, J. W. Zhang, T. C. Zhang, W. D. Zhu 39340* (holotype: A; isotype: CAS, E, F, KUN, PE, TI).

Berberis saltuensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 248. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Sichuan*), 9/7/2013, *D. E. Boufford, J. F. Harber & X. H. Li* 43496 (holotype: PE; isotype: A, BM, CAS, E, K, KUN, MO, TI).

Berberis saxatilis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 249. 2020.

TYPE: CHINA (Yunnan*), 7/25/2007, *J. Wen, Z. Nie, R. J. Soreng, K. B. Ramkin, L. L. Yue, M. Wang & X. K. Yue*: 1282 (holotype: US-00971881; isotype: KUN).

Berberis scrithalis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 249. 2020.

TYPE: CHINA (Yunnan*), 10/7/1994, *Alpine Garden Society China Exped. (ACE)* 1847 (holotype: E-00039648; isotype: LIV-2005.15.1184, WSY-0057777).

Berberis taoensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 257. 2020.

TYPE: CHINA (Gansu*), 6/1/1925, *J. F. Rock* 12443 (holotype: A-00279330; isotype: E-00623028, P-02313649).

Berberis tengchongensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 259. 2020.

TYPE: CHINA (Yunnan*), 5/27/2006, *Gaoligong Biodiversity Survey 2006* 30682 (holotype: CAS-00120135; isotype: GH-00285287, HAST-124191, KUN-1409997, MO-6057223).

Berberis tengii Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 111. 2020.

TYPE: CHINA (Guizhou*), 4/16/1936, *S. W. Teng* 90155 (holotype: A-00280084; isotype: IBK-00012848, IBSC-0092096, L-0831786, MO-2205171).

Berberis tenuispina Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 260. 2020.

TYPE: CHINA (Yunnan*), 7/27/2007, *Tibet-MacArthur* 1373 (holotype: US-00972148; isotype: KUN).

Berberis tianchiensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 262. 2020.

TYPE: CHINA (Yunnan*), 8/31/2013, *D. E. Boufford, J. F. Harber & X. H. Li* 43334 (holotype: PE; isotype: A, CAS, E, K, KUN).

Berberis wenchuanensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 273. 2020.

TYPE: CHINA (Sichuan*), 6/20/1908, *E. H. Wilson* 2857 (holotype: A-00279860; isotype: BM-000810083, E-006125831, K, LE, US-00945943).

Berberis wui Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 117. 2020.

TYPE: CHINA (Yunnan*), 10/25/1994, *P. Brownless* 183 (holotype: E-00615601).

Berberis xiangchengensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 280. 2020.

TYPE: CHINA (Sichuan*), 8/24/2013, *D. E. Boufford, J. F. Harber & Q. Wang* 43202 (holotype: PE; isotype: A, CAS, E, K, KUN, TI).

Berberis xiaozhongdianensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 280. 2020.

TYPE: CHINA (Yunnan*), 9/4/2013, *D. E. Boufford, J. F. Harber & X. H. Li* 43440 (holotype: PE; isotype: A, E, KUN).

Berberis yaanica Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 281. 2020.

TYPE: CHINA (Sichuan*), 5/14/2014, *D. E. Boufford, S. Cristoph, C. Davidson & Y. D. Gao* 43738 (holotype: CDBI; isotype: A, CAS, E, MO, P, PE, SRP, TI).

Berberis yalongensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 281. 2020.

TYPE: CHINA (Sichuan*), 8/2/2005, *D. E. Boufford, J. H. Chen, K. Fujikawa, S. L. Kelley, R. H. Ree, H. Sun, J. P. Yue, D. C. Zhang & Y. H. Zhang* 33983 (holotype: A-00279952; isotype: CAS-1078422, KUN, TI).

Berberis yanyuanensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 282. 2020.

TYPE: CHINA (Sichuan*), 5/12/1914, *C. K. Schneider* 1196 (holotype: A-00279733; isotype: K).

Berberis yarigongensis Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 282. 2020.

- 杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>
- TYPE: CHINA (Sichuan*), 7/1/1904, *J. A. Soulié 3057* (holotype: P-02682030; isotype: K-001273511, MO-6318150, P-02682028, PE-01969512, PE-01969513, SING-0155672).
- Berberis yingii* Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 283. 2020.
TYPE: CHINA (Sichuan*), 10/7/1994, *P. Brownless 492* (holotype: E-00705631).
- Berberis yulongshanensis* Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 284. 2020.
TYPE: CHINA (Yunnan*), 6/5/1985, *Kunming-Edinburgh Yulong-Shan Exped. (KEY) 538* (holotype: E-00612570; isotype: KUN-0176571).
- Berberis yushuensis* Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 286. 2020.
TYPE: CHINA (Qinghai*), 8/18/1996, *T. N. Ho, B. Bartholomew, M. F. Watson & M. G. Gilbert 2028* (holotype: GH-00279965; isotype: BM-001010958, CAS-935986, E-00065379, HNWP-0286562, MO-5329351, PE-01840129).
- Berberis zhaoui* Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 287. 2020.
TYPE: CHINA (Yunnan*), 5/1/1910, *G. Forrest 5553* (holotype: E-00612485; isotype: BM-000810140, IBSC-0091908, K-001273250, N-093057077, P-02313228, PE-01033864, PE-01033865, UC-224593).
- Berberis zhenxiongensis* Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 122. 2020.
TYPE: CHINA (Yunnan*), 6/8/1980, *S. Y. Bao 106* (holotype: KUN-0175742; isotype: KUN-0175743).
- Berberis zhongdianensis* Harber (Berberidaceae) *Monographs in Systematic Botany from the Missouri Botanical Garden Volume 136*: 288. 2020.
TYPE: CHINA (Yunnan*), 6/21/1994, *Alpine Garden Society China Exped. (ACE) 507* (holotype: E-00045830; isotype: K).
- Blepharostoma neglecta* Vilnet & Bakalin (Blepharostomataceae) *Plants* 9 (1423): 22. 2020.
TYPE: CHINA (Sichuan, Yunnan), RUSSIA(T)RUSSIA(T) 10/1/2016, *V.A. Bakalin 1 October 2016 S-48-18-16* (holotype: VBG; isotype: KPABG).
- Blumea hunanensis* L. D. Duan & Yun Lin (Asteraceae) *Kew Bulletin* 75 (9): 1. 2020.
TYPE: CHINA (Hunan*), 1/21/2015, *L. D. Duan & Z. Lu 5813* (holotype: PE-02232681; isotype: Herbarium, Hunan Food and Drug Vocational College, Hunan, China, Herbarium, Shaoyang University, Hunan, China, BM, E, GZAC, IBK, IBSC, K, KUN, MO, PE-02232682).
- Boeica arunachalensis* D. Borah, R. Kr. Singh, Taram & A. P. Das (Gesneriaceae) *Indian Forester* 146 (9): 871. 2020.
TYPE: CHINA (Xizang*), 9/12/2018, *D. Borah & M. Taram 93* (holotype: ASSAM; isotype: ARUN, ASSAM).
- Bredia hispida* J. H. Dai & Ying Liu (Melastomataceae) *PhytoKeys* 152: 9. 2020.
TYPE: CHINA (Sichuan*), 9/1/2019, *Ying Liu 764* (holotype: PE; isotype: A, SYS).
- Bredia reniformis* C. M. He, Y. H. Tong & S. Jin Zeng (Melastomataceae) *Nordic Journal of Botany* 38 (e02525): 2. 2020.
TYPE: CHINA (Guangxi*), 10/10/2017, *Y. H. Tong TYH-1376* (holotype: IBSC; isotype: HIB, IBSC, IBK, KUN, PE); Y. H. Tong TYH-417 (paratype: IBSC); W. B. Xu, Y. S. Huang & S. W. Li 13176 (paratype: IBK, CANT)
- Bulbophyllum gedangense* Y. Luo, J. P. Deng & Jian W. Li (Orchidaceae) *Phytotaxa* 453 (2): 146. 2020.
TYPE: CHINA (Xizang*), 8/23/2019, *Y. Luo & al. 1239* (holotype: HITBC-0030001; isotype: HITBC-0030002, HITBC-0030003); Jin & al. 19192 (paratype: HITBC, PE, XZ)
- Bulbophyllum lingii* M. Z. Huang, G. S. Yang & J. M. Yin (Orchidaceae) *Phytotaxa* 452 (2): 185. 2020.
TYPE: CHINA (Hainan*), 5/29/2013, *M. Z. Huang 13052901* (holotype: ATCH); M. Z. Huang 15060501 (paratype: ATCH)
- Bulbophyllum linzhiense* Liang Ma & S. P. Chen (Orchidaceae) *Phytotaxa* 429 (4): 287. 2020.
TYPE: CHINA (Xizang*), 10/2/2017, *Liang Ma 20171042xz* (holotype: FAFU).
- Burmanna decurrens* Xiao Juan Li & D. X. Zhang (Burmanniaceae) *Nordic Journal of Botany* 38 (e02718): 3. 2020.
TYPE: CHINA (Guangdong*), 9/9/2019, *Xiao Juan Li, K. Zhang, G. Zeng & M. S. Wu 01210* (holotype: IBSC; isotype: HIB, IBSC, KUN); T. Zeng & Q. B. Zeng ZengT0011 (paratype: IBSC); T. Zeng & Q. B. Zeng ZengT0013 (paratype: IBSC, KUN)
- Calamagrostis hongii* Paszko & Bing Liu (Poaceae) *PhytoKeys* 166: 43. 2020.
TYPE: CHINA (Chongqing, Guizhou, Sichuan, Xizang, Yunnan*), 8/18/2008, *Y. M. Shui & al. 64471* (holotype: PE-2308966; isotype: PE-2058824, PE-2070270).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Calanthe sieboldopsis Bo Y. Yang & Bo Li (Orchidaceae) *PhytoKeys* 145: 39. 2020.
TYPE: CHINA (Jiangxi*), 4/19/2017, *Bo Y. Yang 095* (holotype: CSH; isotype: JXU).

Calanthe tsiana Y. Q. Chen, J. W. Zhai & S. R. Lan (Orchidaceae) *Phytotaxa* 428 (1): 70. 2020.
TYPE: CHINA (Yunnan*), 2/15/2019, *Y. Q. Chen 0628* (holotype: FJFC).

Camellia hainanica Y. L. Zhao & Z. G. Xu (Theaceae) *Pakistan Journal of Botany* 52 (3): 1028. 2020.
TYPE: CHINA (Hainan*), 8/26/2017, *Y. L. Zhao & Z. G. Xu 170801* (holotype: SYS; isotype: IBSC); *Y. L. Zhao & X. G. Shi 161131* (paratype: SYS); *Y. C. Tang & L. Wu 161021* (paratype: CSFI); *L. Wu & W. Zhang 161030* (paratype: CSFI).

Camellia rostrata S. X. Yang & S. F. Chai (Theaceae) *Phytotaxa* 459 (1): 62. 2020.
TYPE: CHINA (Guangxi*), 9/26/2019, *S. X. Yang 6181* (holotype: KUN-1482804; isotype: KUN, PE, K, P).

Camellia zhaiiana S. X. Yang (Theaceae) *Phytotaxa* 460 (3): 225. 2020.
TYPE: CHINA (Guangxi*), 1/16/2020, *S. X. Yang & P. M. Ye 6324* (holotype: KUN-1482785; isotype: K, KUN, PE).

Carex ledongensis H. B. Yang & G. D. Liu (Cyperaceae) *Phytotaxa* 461 (2): 72. 2020.
TYPE: CHINA (Hainan*), 4/25/2019, *H. B. Yang 201904254614* (holotype: IBSC; isotype: ATCH).

Carex pingleensis Z. C. Lu, Y. F. Lu & X. F. Jin (Cyperaceae) *Taiwania* 65 (3): 391. 2020.
TYPE: CHINA (Guangxi*), 5/20/2019, *Y. L. Su & J. Q. Huang LZC199* (holotype: IBK-00421264; isotype: IBK-00421266, HTC).

Carpinus gigabracteatus Z. Qiang Lu (Betulaceae) *PhytoKeys* 145: 50. 2020.
TYPE: CHINA (Yunnan*), 9/23/2019, *Z. Qiang Lu 2019GY0801* (holotype: HITBC; isotype: HITBC, LZU).

Caryopteris alternifolia Y. S. Chen & C. L. Xiang (Lamiaceae) *Phytotaxa* 461 (1): 64. 2020.
TYPE: CHINA (Guangdong*), 12/1/2019, *Y. S. Chen & Z. C. Jin 19065* (holotype: IBSC; isotype: KUN).

Causonis wentsiana Z. H. Chen, F. Chen & X. F. Jin (Vitaceae) *Phytotaxa* 475 (4): 257. 2020.
TYPE: CHINA (Zhejiang*), 7/10/2017, *Z. H. Chen, W. Y. Xie & L. X. Zheng WC17061004* (holotype: ZM; isotype: HTC, PE); *Z. H. Chen & F. H. Chi s.n.* (paratype: ZJFC); *Z. H. Chen, F. Chen & L. X. Zheng WC17080303* (paratype: ZM); *Z. H. Chen, J. S. Wang & X. Liu WC18062201* (paratype: HTC); *Z. H. Chen, J. S. Wang & X. Liu WC18062202* (paratype: HTC); *C. Z. Zheng & C. F. Zhang 7501* (paratype: HTC).

Causonis wentsiana Z. H. Chen, Y. F. Lu & X. F. Jin (Vitaceae) *Phytotaxa* 475 (4): 261. 2020.
TYPE: CHINA (Zhejiang*), 8/1/2017, *Z. H. Chen, F. Chen & W. Y. Xie JN17080104A* (holotype: ZM; isotype: HTC, PE); *Z. H. Chen, W. Y. Xie & J. S. Wang JS17061202* (paratype: ZM); *Z. H. Chen JS18050702* (paratype: ZM); *Z. H. Chen JS18050703* (paratype: ZM); *Z. H. Chen & al. 18072901* (paratype: HTC); *Z. H. Chen, J. S. Wang & X. Liu TS18062201* (paratype: HTC); *Z. H. Chen, J. S. Wang & X. Liu TS18062202* (paratype: HTC); *Z. H. Chen, F. Chen & G. Y. Li CN-07* (paratype: ZJFC); *Z. H. Chen, F. Chen & G. Y. Li CN-08* (paratype: ZJFC); *Z. H. Chen, F. Chen & G. Y. Li CN-011* (paratype: ZJFC); *Z. H. Chen, J. S. Wang & J. Lin JN18062003* (paratype: HTC); *Z. H. Chen, J. S. Wang & J. Lin JN18062004* (paratype: HTC); *Z. H. Chen, J. Lin & X. F. Xu JN18052005* (paratype: ZM); *Z. H. Chen, W. Y. Xie & S. L. Zhen QY17061101* (paratype: ZM).

Chamaelirium shimentaiense Y. H. Tong, C. M. He & Y. Q. Li (Melanthiaceae) *Nordic Journal of Botany* 38 (e02634): 2. 2020.
TYPE: CHINA (Guangdong*), 4/22/2017, *Y. Q. Li TYH-983* (holotype: IBSC; isotype: KUN); *Y. Q. Li TYH-983* (paratype: IBSC).

Cheirostylis barbata Q. Liu & X. F. Wu (Orchidaceae) *Phytotaxa* 436 (3): 290. 2020.
TYPE: CHINA (Yunnan*), 3/21/2019, *Q. Liu 690* (holotype: YFS); *Q. Liu 690* (paratype: HFTC)

Chrysanthemum bizarre C. Z. Shen (Asteraceae) *Phytotaxa* 442 (3): 220. 2020.
TYPE: CHINA (Hunan*), 9/30/2019, *L. Wu 19093025* (holotype: CSFI; isotype: PE); *J. J. Zhou 14100601* (paratype: CSFI-027294, CSFI-027295, CSFI-027296, CSFI-027297).

Chrysosplenium zhouzhiense Hong Liu bis (Saxifragaceae) *PhytoKeys* 159: 129. 2020.
TYPE: CHINA (Shaanxi*), 5/10/2020, *Hong Liu, D. Q. Lan & W. Huang HSN13356* (holotype: HSN; isotype: HSN, IBK).

Cleisostoma hainanense M. Z. Huang, D. K. Liu & G. S. Yang (Orchidaceae) *Phytotaxa* 428 (3): 270. 2020.
TYPE: CHINA (Hainan*), 3/16/2011, *M. Z. Huang 13070201* (holotype: ATCH).

Crepidomanes shenzhenense Hui Wang bis & X. Yun Wang (Hymenophyllaceae) *Phytotaxa* 440 (2): 102. 2020.
TYPE: CHINA (Guangdong*), 1/7/2017, *G. H. Zhao, X. Yun Wang & T. Xu 1701006* (holotype: SZG-00109026; isotype: KUN, MO, PE, SZG-00109002, SZG-00109027, SZG-00109028).

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Cupressus × wangii J. Hoch, Maerki & Rushforth (Cupressaceae) *Bulletin of the Cupressus Conservation Project* 9 (2): 20. 2020.
TYPE: CHINA, 1/3/2003, *Silba B-330* (holotype: NY-00658653).

Cupressus gansuensis Maerki & J. Hoch (Cupressaceae) *Bulletin of the Cupressus Conservation Project* 9 (1): 4. 2020.
TYPE: CHINA (Gansu*), 7/11/1951, *T. P. Wang 14286* (holotype: PE; isotype: HIB, WUK); *T. P. Wang 14304* (paratype: PE, WUK); *Rock 12073* (paratype: E, P, K); *Meyer 1981* (paratype: K, P, NY).

Cyclobalanopsis reclinatocaulis M. M. Lin (Fagaceae) *Bulletin of Botanical Research* 40 (1): 11. 2020.
TYPE: CHINA (Fujian*), 10/16/2013, *Q. W. Lin & al. 01-06* (holotype: AU).

Cymbidium × malipoense L. J. Chen, Hong B. Zhou & Z. J. Liu (Orchidaceae) *Plant Science Journal* 38 (2): 182. 2020.
TYPE: CHINA (Yunnan*), 12/22/2011, *Hong B. Zhou 0001* (holotype: NOCC).

Cymbidium biflorens D. Y. Zhang, S. R. Lan & Z. J. Liu (Orchidaceae) *Phytotaxa* 428 (3): 274. 2020.
TYPE: CHINA (Yunnan*), 8/1/2019, *D. Y. Zhang F001* (holotype: FJFC).

Cymbidium brevifolium Zhuang Zhou, S. R. Lan & Z. J. Liu (Orchidaceae) *Phytotaxa* 464 (3): 240. 2020.
TYPE: CHINA (Hubei*), 7/25/2020, *Zhuang Zhou F001* (holotype: FJFC).
Cymbidium codonanthum Y. T. Jiang, Liang Ma & S. P. Chen (Orchidaceae) *Phytotaxa* 453 (3): 281. 2020.
TYPE: CHINA (Yunnan*), 11/6/2018, *Liang Ma F007* (holotype: FJFC).

Cyrtomium semifertile Jian X. Li & Xiao J. Li (Dryopteridaceae) *Bangladesh Journal of Botany* 49 (3): 703. 2020.
TYPE: CHINA (Shandong*), 8/27/2012, *Jian X. Li 816* (holotype: PE; isotype: SDCM).

Daphniphyllum peltatum Yan Liu & T. Meng (Daphniphyllaceae) *Taiwania* 65 (2): 232. 2020.
TYPE: CHINA (Guangxi*), 6/24/2012, *Y. S. Huang & W. B. Xu 20120624Y1592* (holotype: IBK; isotype: IBK, GXMG); *Y. S. Huang & D. X. Nong Y0669* (paratype: IBK); *Y. S. Huang Y0738* (paratype: IBK); *Y. S. Huang & Y. B. Liao Y1052* (paratype: IBK); *Y. S. Huang Y1232* (paratype: TAI); *X. Y. Huang & al. 451025130316001LY* (paratype: IBK, GXMG).

Deinostigma fasciculatum W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 201. 2020.
TYPE: CHINA (Yunnan*), 8/11/2018, *Y. M. Shui & S. W. Guo B2018-493* (holotype: KUN).

Delphinium adenopodum W. T. Wang & Z. Z. Yang (Ranunculaceae) *Bulletin of Botanical Research* 40 (6): 801. 2020.
TYPE: CHINA (Xinjiang*), 8/3/2019, *Z. Z. Yang 7659* (holotype: PE).

Delphinium gongliuense W. T. Wang & Z. Z. Yang (Ranunculaceae) *Bulletin of Botanical Research* 40 (6): 804. 2020.
TYPE: CHINA (Xinjiang*), 7/28/2018, *Z. Z. Yang 0817* (holotype: PE-02331415; isotype: PE).

Dendrobium jinghuanum B. Q. Zheng & Yan Wang (Orchidaceae) *Phytotaxa* 428 (1): 40. 2020.
TYPE: CHINA (Yunnan*), 6/11/2018, *B. Q. Zheng 001* (holotype: CAF).

Dendrobium yongjiaense Zhuang Zhou & S. R. Lan (Orchidaceae) *Phytotaxa* 441 (2): 209. 2020.
TYPE: CHINA (Zhejiang*), 12/6/2019, *Zhuang Zhou 2019120601* (holotype: FAFC).

Didymocarpus lobulatus F. Wen, Xin Hong & W. Y. Xie (Gesneriaceae) *PhytoKeys* 157: 147. 2020.
TYPE: CHINA (Zhejiang*), 5/23/2014, *W. Y. Xie & J. J. Zhou 140523-01* (holotype: IBK; isotype: AHU).

Didymocarpus longicalyx G. W. Hu & Q. F. Wang (Gesneriaceae) *Phytotaxa* 475 (1): 62. 2020.
TYPE: CHINA (Yunnan*), 7/27/2019, *G. W. Hu, S. Peng & J. J. Wang HGW-1175* (holotype: HIB-0283879; isotype: HIB-0283800, HIB-0283801, IBSC); *G. W. Hu & al. HGW-2024* (paratype: HIB).

Didymocarpus sinoindicus N. S. Prasanna, Lei Cai & V. Gowda (Gesneriaceae) *Rheedea* 30 (1): 136. 2020.
TYPE: CHINA (Yunnan), INDIA*, 8/29/2018, *Preeti Saryan VG2018NL3679* (holotype: BHPL; isotype: ASSAM).

Dimetia brevipetiolata R. J. Wang (Rubiaceae) *Phytotaxa* 428 (1): 45. 2020.
TYPE: CHINA (Guangxi*), 4/2/2013, *R. J. Wang & S. J. Deng 2304* (holotype: IBSC-0847225; isotypes: IBSC); *R. J. Wang 2083* (paratype: IBSC); *R. J. Wang & S. J. Deng 2305* (paratype: IBSC); *G. B. Jiang, X. X. Zhou & M. D. Yuan 1257* (paratype: IBSC).

Diplophyllum purpurascens Bakalin & Vilnet (Scapaniaceae) *Phytotaxa* 447 (2): 120. 2020.
TYPE: CHINA (Yunnan*), 10/11/2018, *V.A. Bakalin & W.Z. Ma C-73-29-18* (holotype: VBGI; isotype: KPABG, KUN).

Encalypta papillosa C. Feng, J. Kou & B. Niu (Encalyptaceae) *Journal of Bryology* 42 (4): 327. 2020.

- 杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>
- TYPE: CHINA (Xizang*), 8/25/2018, *B. Niu 20180825003* (holotype: NMAC; isotype: NY); *B. Niu 20180826001* (paratype: NMAC); *B. Niu 20180824002* (paratype: NMAC)
- Entosthodon elimbatus* W. Z. Ma, Shevock & S. He (Funariaceae) *Phytotaxa* 451 (2): 108. 2020.
TYPE: CHINA (Yunnan*), 9/18/2013, *W.Z. Ma & Shevock 13-5097* (holotype: KUN; isotypes: CAS, CONN, KRAM, MO).
- Eriobotrya laoshanica* W. B. Liao, Q. Fan & Su F. Chen (Rosaceae) *PhytoKeys* 146: 64. 2020.
TYPE: CHINA (Yunnan*), 10/14/2019, *Q. Fan 17570* (holotype: SYS; isotype: IBSC, SYS); *Q. Fan 13700* (paratype: SYS); *Q. Fan 13701* (paratype: SYS); *Q. Fan 13887* (paratype: SYS); *Q. Fan 13900* (paratype: SYS); *Q. Fan 13901* (paratype: SYS); *Q. Fan 17540* (paratype: SYS); *Q. Fan 17543* (paratype: SYS).
- Euphorbia xianxialingensis* F. Y. Zhang, W. Y. Xie & Z. H. Chen (Euphorbiaceae) *Journal of Zhejiang Forestry Science and Technology* 40 (1): 82. 2020.
TYPE: CHINA (Zhejiang*), 7/14/2015, *Z. H. Chen & al. JS20150714022* (holotype: ZM; isotype: ZM); *Z. H. Chen & al. JS20160516008* (paratype: ZM); *Z. H. Chen & Z. X. Zheng JS19061202* (paratype: ZM).
- Fargesia purpurea* D. Z. Li & Xia Y. Ye (Poaceae) *PhytoKeys* 170: 29. 2020.
TYPE: CHINA (Xizang*), 9/1/2015, *Xia Y. Ye & X. He YXY254-1* (holotype: KUN; isotype: KUN); *Xia Y. Ye & X. He YXY254-2* (paratype: KUN).
- Fargesia viridis* D. Z. Li & Xia Y. Ye (Poaceae) *PhytoKeys* 170: 27. 2020.
TYPE: CHINA (Yunnan*), 8/24/2015, *Xia Y. Ye YXY272* (holotype: KUN; isotype: KUN).
- Ficus jingningensis* X. D. Mei, Z. H. Chen & G. Y. Li (Moraceae) *Journal of Zhejiang Forestry Science and Technology* 40 (5): 53. 2020.
TYPE: CHINA (Zhejiang*), 8/19/2019, *X. D. Mei & Z. H. Chen JN19081902* (holotype: ZM; isotype: ZM); *G. Y. Li, L. Chen & Z. H. Chen JN20071401* (paratype: ZM); *G. Y. Li, L. Chen & Z. H. Chen JN20071402* (paratype: ZM); *Z. H. Chen, X. D. Mei & G. Y. Li JN 20072801* (paratype: ZM); *X. D. Mei, R. L. Liu & Z. H. Chen JN20072803* (paratype: ZM).
- Firmiana daweshanensis* Gui L. Zhang & J. Y. Xiang (Malvaceae) *Phytotaxa* 456 (2): 215. 2020.
TYPE: CHINA (Yunnan*), 3/1/2013, *Gui L. Zhang 2013001* (holotype: SWFC-0072399; isotype: SWFC-0072400, KUN-1347143, KUN-1348014).
- Flemingia weii* T. V. Do & X. F. Gao (Fabaceae) *Phytotaxa* 429 (1): 29. 2020.
TYPE: CHINA (Yunnan*), 12/10/1939, *M. K. Li 1581* (holotype: KUN-0612135); *W. Wang 10194* (paratype: KUN-0616222)
- Frullania dasyueshanensis* Schäf.-Verw. & G. Winter bis (Lejeuneaceae) *Frahmia* 20: 2. 2020.
TYPE: CHINA (Taiwan*), 10/8/2016, *A. Schäfer-Verwimp DY-106* (holotype: TAIM; isotype: FR, TAIE, JE, CAS).
- Geum sunhangii* D. G. Zhang, T. Deng, Z. Y. Lv & Zhi M. Li (Rosaceae) *PhytoKeys* 156: 115. 2020.
TYPE: CHINA (Hubei*), 7/11/2011, *D. G. Zhang zdg7313* (holotype: KUN).
- Glochidion lanyuense* Gang Yao & S. X. Luo (Phyllanthaceae) *PhytoKeys* 159: 147. 2020.
TYPE: CHINA (Taiwan*), 9/16/1998, *C. M. Wang 03521* (holotype: IBSC-0330741).
- Gnetum chinense* Y. Yang, Bing Liu & S. Z. Zhang (Gnetaceae) *PhytoKeys* 148: 109. 2020.
TYPE: CHINA (Yunnan*), 3/31/2015, *B. Liu, Y. Yang & T. W. Xiao 2627* (holotype: PE).
- Goodyera nanshanensis* Xi L. Wang & X. H. Jin (Orchidaceae) *Phytotaxa* 460 (4): 296. 2020.
TYPE: CHINA (Hunan*), 7/13/2019, *X. H. Jin 23232* (holotype: PE).
- Gymnosphaera henryi* Y. H. Yan & Rui Zhang bis (Pteridaceae) *Phytotaxa* 449 (1): 24. 2020.
TYPE: CHINA (Hainan*), 1/12/2019, *Y. H. Yan Fern09770* (holotype: CSH; isotype: CSH, PE, IBSC).
- Gymnosphaera saxicola* S. Y. Dong & Z. Y. Zuo (Cyatheaceae) *Journal of Systematics and Evolution* 10.1111/jse.12679: 9. 2020.
TYPE: CHINA (Yunnan*), 8/6/2018, *S. Y. Dong 5015* (holotype: IBSC; isotype: IBSC); *S. Y. Dong 5017* (paratype: IBSC); *Z. Y. Zuo 2825* (paratype: KUN); *Z. Y. Zuo 2927* (paratype: KUN).
- Gymnostachyum morsei* Y. F. Deng (Acanthaceae) *Kew Bulletin* 75 (59): 2. 2020.
TYPE: CHINA (Guangxi*), 4/2/2019, *Y. F. Deng & Y. F. Huang 27477* (holotype: IBSC; isotype: GXMI, HITBC, IBK, IBSC, K).
- Hanceola suffruticosa* Y. P. Chen, A. J. Paton & C. L. Xiang (Lamiaceae) *PhytoKeys* 145: 133. 2020.
TYPE: CHINA (Yunnan*), 12/1/2018, *Y. P. Chen & L. Q. Jiang EM748* (holotype: KUN; isotype: K, KUN, PE).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Hedychium mechukanum M. Sabu & Hareesh (Zingiberaceae) *The Gardens' Bulletin Singapore* 72 (2): 292. 2020.
TYPE: CHINA (Xizang*), 9/19/2019, M. Sabu & V. S. Hareesh 158761 (holotype: MBGH; isotype: CAL).

Hedyotis zhihaoana Huan C. Wang & Xiao Lan Liu (Rubiaceae) *Phytotaxa* 461 (3): 168. 2020.
TYPE: CHINA (Yunnan*), 10/9/1979, Z. H. Hu, H. M. Yuan & J. D. Zhang 7900570 (holotype: YUKU; isotype: YUKU); H. C. Wang 20110701 (paratype: YUKU); G. D. Tao & X. W. Li 39954 (paratype: HITBC, KUN); W. M. Zhu, J. J. He, S. G. Lu & Z. Y. Liu 15381 (paratype: PYU); W. M. Zhu, J. J. He, S. G. Lu, & Z. Y. Liu 15335 (paratype: PYU); H. C. Wang 20120803 (paratype: YUKU); G. D. Tao & X. W. Li 39892 (paratype: HITBC, KUN).

Hemiboea yongfuensis Z. P. Huang & Y. B. Lu (Gesneriaceae) *Nordic Journal of Botany* 38 (e02435): 3. 2020.
TYPE: CHINA (Guangxi*), 10/10/2018, Q. Zhang 380846 (holotype: IBK; isotype: PE).

Henckelia siangensis Taram, D. Borah & Tag (Gesneriaceae) *PhytoKeys* 160: 2. 2020.
TYPE: CHINA (Xizang*), 4/26/2019, O. Taku & M. Taram 05001 (holotype: ASSAM; isotype: ARUN).

Hiptage lushuiensis S. P. Dong, K. Tan & M. X. Ren (Rosaceae) *Nordic Journal of Botany* 38 (e02436): 2. 2020.
TYPE: CHINA (Yunnan*), 5/27/2018, S. P. Dong 177 (holotype: HUTB; isotype: HUTB, KUN); S. P. Dong 171 (paratype: HUTB).

Hoya gaoligongensis M. X. Zhao & Y. H. Tan (Apocynaceae) *Phytotaxa* 459 (3): 220. 2020.
TYPE: CHINA (Yunnan*), 11/1/2018, M. X. Zhao, H. Y. Wang & Z. J. Yin XHS-GCS-0685 (holotype: KUN; isotype: HITBC).

Hoya longicalyx Hui Wang bis & E. F. Huang (Apocynaceae) *Taiwania* 65 (3): 354. 2020.
TYPE: CHINA (Yunnan*), 5/12/2019, E. F. Huang 1905003 (holotype: SZG; isotype: PE, KUN, TAI).

Hoya nyingchiensis Y. W. Zuo & H. P. Deng (Apocynaceae) *Phytotaxa* 468 (1): 130. 2020.
TYPE: CHINA (Xizang*), 7/9/2015, Y. W. Zuo & X. Z. Lan 542621150719680LY (holotype: SWCTU).

Ilex jiangmenensis Lei Jiang & K. W. Xu (Aquifoliaceae) *Phytotaxa* 428 (2): 153. 2020.
TYPE: CHINA (Guangdong*), 3/27/2011, Lei Jiang & al. GDS00201 (holotype: IBSC; isotype: KUN).

Impatiens bomiensis Y. Y. Cong & Y. C. Peng (Balsaminaceae) *Nordic Journal of Botany* 38 (e02761): 2. 2020.
TYPE: CHINA (Xizang*), 8/17/2016, Y. Y. Cong 32486 (holotype: HNNU; isotype: HNNU).

Impatiens dasyvexilla Q. L. Gan & Xin W. Li (Balsaminaceae) *Novon* 28 (4): 253. 2020.
TYPE: CHINA (Hubei*), 9/24/2019, Xin W. Li 191721 (holotype: HIB); Xin W. Li 191722 (paratype: HIB); Xin W. Li 191723 (paratype: HIB); Xin W. Li 191724 (paratype: HIB); Xin W. Li 191725 (paratype: HIB); Xin W. Li 191726 (paratype: HIB); Xin W. Li 191727 (paratype: HIB); Xin W. Li 191728 (paratype: HIB); Xin W. Li 208001 (paratype: HIB); Xin W. Li 208002 (paratype: HIB); Xin W. Li 208003 (paratype: HIB).

Impatiens gongchengensis Z. C. Lu, B. Pan & Yan Liu (Balsaminaceae) *Taiwania* 65 (1): 1. 2020.
TYPE: CHINA (Guangxi*), 10/12/2018, Z. C. Lu & Ying Qin LZC135 (holotype: IBK; isotype: IBK, PE); Ying Qin & G. F. Mou LZC194 (paratype: IBK, PE).

Impatiens longlinensis S. X. Yu (Balsaminaceae) *Systematic Botany* 45 (4): 894. 2020.
TYPE: CHINA (Guangxi*), 8/1/2013, S. X. Yu 8087 (holotype: PE; isotype: IBK).

Impatiens macrantha S. X. Yu & Ying Qin (Balsaminaceae) *Nordic Journal of Botany* 38 (e02784): 2. 2020.
TYPE: CHINA (Guangxi*), 10/16/2005, S. X. Yu 3755 (holotype: PE; isotype: GXMI); Debao Med. Pl. Exped. 451024170927002LY (paratype: IBK); Debao Med. Pl. Exped. QY20181030001 (paratype: IBK).

Impatiens plicatisepala C. Y. Zou, Yan Liu & S. X. Yu (Balsaminaceae) *Taiwania* 65 (4): 544. 2020.
TYPE: CHINA (Guangxi*), 9/24/2016, C. Y. Zou & Ying Qin 450329160809024LY (holotype: IBK; isotype: PE); C. Y. Zou & Jing Liu 450329160925002LY (paratype: IBK).

Impatiens pseudolongipes Gogoi, Sherpa & Borah (Balsaminaceae) *Phytotaxa* 429 (3): 218. 2020.
TYPE: CHINA (Xizang*), 7/24/2013, R. Gogoi 30521 (holotype: CAL; isotype: CAL).

Impatiens quintadecimacopii G. W. Hu & Q. F. Wang (Balsaminaceae) *Plant Science Journal* 38 (4): 440. 2020.
TYPE: CHINA (Yunnan*), 7/28/2019, G. W. Hu, S. Peng & J. J. Wang HGW-1200 (holotype: HIB; isotype: HIB); G. W. Hu & al. HGW-0911 (paratype: HIB); G. W. Hu & al. HGW-2022 (paratype: HIB).

Impatiens shenglanii Q. L. Gan & Xin W. Li (Balsaminaceae) *Annales Botanici Fennici* 57 (4-6): 218. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Hubei*), 8/2/2019, *Xin W. Li 191001* (holotype: HIB); *Xin W. Li 191002* (paratype: HIB); *Xin W. Li 191003* (paratype: HIB); *Xin W. Li 191004* (paratype: HIB); *Xin W. Li 191005* (paratype: HIB); *Xin W. Li 191006* (paratype: HIB).

Impatiens shiyomiensis Hareesh & M. Sabu (Balsaminaceae) *Phytotaxa* 437 (5): 294. 2020.

TYPE: CHINA (Xizang*), 9/18/2019, *M. Sabu & V. S. Hareesh 158764* (holotype: CAL; isotype: CAL, MBGH).

Impatiens tirbinensis Hareesh & M. Sabu (Balsaminaceae) *Phytotaxa* 437 (5): 291. 2020.

TYPE: CHINA (Xizang*), 9/19/2019, *M. Sabu & V. S. Hareesh 158721* (holotype: CAL; isotype: CAL, MBGH).

Impatiens wuyiensis Jian S. Wang, Y. F. Lu & X. F. Jin (Balsaminaceae) *Botanical Studies (Taipei)* 61 (29): 3. 2020.

TYPE: CHINA (Fujian*), 5/23/2018, *X. F. Jin, Y. F. Lu & Jian S. Wang 4158* (holotype: ZM-ZMNH0068001; isotype: HTC-0021906, KUN, PE, ZJFC); *X. F. Jin, Y. F. Lu & Jian S. Wang 4156* (paratype: ZJFC, ZM); *X. F. Jin, Y. F. Lu & Jian S. Wang 4157* (paratype: PE, ZJFC, ZM); *X. F. Jin, Y. F. Lu & Jian S. Wang 4165* (paratype: ZM); *X. F. Jin, Y. F. Lu & Jian S. Wang 4166* (paratype: KUN, PE, ZM); *X. F. Jin, Y. F. Lu & Jian S. Wang 4167* (paratype: KUN, PE, ZM); *X. F. Jin, Y. F. Lu & Jian S. Wang 4375* (paratype: ZJFC, ZM); *X. F. Jin & Y. F. Lu s.n.* (paratype: ZM); *Y. F. Lu 186* (paratype: ZM).

Impatiens zhuxiensis Q. L. Gan & Xin W. Li (Balsaminaceae) *Nordic Journal of Botany* 38 (e02686): 2. 2020.

TYPE: CHINA (Hubei*), 9/23/2019, *Xin W. Li 191662* (holotype: HIB); *Xin W. Li 191663* (paratype: HIB); *Xin W. Li 191664* (paratype: HIB); *Xin W. Li 191665* (paratype: HIB); *Xin W. Li 191666* (paratype: PE); *Xin W. Li 191667* (paratype: PE); *Xin W. Li 191668* (paratype: KUN); *Xin W. Li 191669* (paratype: IBK).

Indigofera yuanjiangensis X. F. Gao & X. L. Zhao (Fabaceae) *Phytotaxa* 455 (3): 235. 2020.

TYPE: CHINA (Yunnan*), 6/2/2018, *X. L. Zhao ZXL389-1* (holotype: CDBI; isotype: CDBI).

Involucrella lithophila M. D. Yuan & R. J. Wang (Rubiaceae) *Phytotaxa* 464 (1): 60. 2020.

TYPE: CHINA (Guangxi*), 8/17/2019, *S. Chen YS49* (holotype: IBSC-0861073; isotype: IBSC-0861072, IBSC-0861071); *Y. D. Peng, L. L. Mo & Y. Y. Xie 451402150914024LY* (paratype: GXMG); *Guangxi Provincial Museum 6425* (paratype: IBSC); *K. J. Yan 80621* (paratype: GXMI); *Nonggang Investigation Team 20450* (paratype: GXMI); *Nonggang Investigation Team 11212* (paratype: IBK); *R. J. Wang 1632* (paratype: IBSC); *K. Zhang 00326* (paratype: IBSC); *K. Zhang 00349* (paratype: IBSC); *B. Y. Huang, H. Z. Lv & Y. Y. Xie 451422131028003LY* (paratype: GXMG); *R. J. Wang 2686* (paratype: IBSC); *X. M. Lu & C. C. Huang 11422* (paratype: GXMG); *X. M. Lu & C. C. Huang 11606* (paratype: GXMG); *M. X. Luo 20711* (paratype: GXMG); *R. J. Wang 2596* (paratype: IBSC); *R. J. Wang 2597* (paratype: IBSC); *G. B. Jiang, X. X. Zhou & M. D. Yuan 1491* (paratype: IBSC); *Mashan Investigation Team 2-70* (paratype: GXMI).

Iris dabashanensis C. A. Wilson (Iridaceae) *PhytoKeys* 161: 49. 2020.

TYPE: CHINA (Sichuan*), 5/3/2001, *D. Probst CPC3.5.01.3* (holotype: UC; isotype: E, PE).

Iris probstii C. A. Wilson (Iridaceae) *PhytoKeys* 161: 53. 2020.

TYPE: CHINA (Guizhou*), 7/24/2003, *D. Probst CPC24.7.03.1* (holotype: UC; isotype: E, PE).

Isodon brevipedunculatus Y. P. Chen & C. L. Xiang (Lamiaceae) *Plant Diversity* 43 (x): 5/9. 2020.

TYPE: CHINA (Guangdong*, Hunan), 10/25/2019, *Y. P. Chen & Y. Zhao EM1381* (holotype: KUN; isotype: A, K, KUN, P, PE, W).

Isotrema brevilimbium X. X. Zhu, Jun Wang tris & F. Cao (Aristolochiaceae) *PhytoKeys* 152: 16. 2020.

TYPE: CHINA (Guizhou*), 8/5/2018, *X. X. Zhu & al. ZXX18217* (holotype: CSH-0172289; isotype: CSH, KUN).

Isotrema hei Lei Cai & X. X. Zhu (Aristolochiaceae) *Annales Botanici Fennici* 57 (1-3): 125. 2020.

TYPE: CHINA (Yunnan*), 5/12/2018, *X. X. Zhu ZXX18072* (holotype: CSH; isotype: CSH, KUN); *Lei Cai & al. CL115* (paratype: KUN); *X. X. Zhu ZXX18065* (paratype: KUN).

Jasminum chiaie Kai Zhang & D. X. Zhang (Oleaceae) *Nordic Journal of Botany* 38 (e02857): 3. 2020.

TYPE: CHINA (Yunnan*), 8/3/2020, *Kai Zhang 01241* (holotype: IBSC; isotype: HITBC, IBSC); *Kai Zhang, M. S. Wu 00612* (paratype: IBSC); *Kai Zhang, M. S. Wu 00617* (paratype: IBSC); *Kai Zhang 01220* (paratype: IBSC).

Jasminum parceflorum Kai Zhang & D. X. Zhang (Oleaceae) *PhytoKeys* 146: 110. 2020.

TYPE: CHINA (Yunnan*), 7/18/2018, *Kai Zhang & M. S. Wu 00581* (holotype: IBSC; isotype: IBSC, HITBC).

Lepisorus youxingii R. H. Jiang & X. C. Zhang (Polypodiaceae) *Phytotaxa* 437 (2): 102. 2020.

TYPE: CHINA (Guangxi*), 8/12/2019, *R. H. Jiang & al. 13004* (holotype: PE); *R. H. Jiang & al. 13003* (paratype: PE); *R. H. Jiang & al. JRH2503* (paratype: IBK).

Leptochilus gracilis Z. L. Liang, Liang Zhang & Li Bing Zhang (Polypodiaceae) *Phytotaxa* 468 (1): 117. 2020.

TYPE: CHINA (Yunnan*), 9/9/2019, *Z. L. Liang, Y. M. Shui, W. H. Chen & Z. Y. Yu 607* (holotype: KUN-1493479; isotype: CDBI).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Liparis mae X. D. Tu, M. Z. Huang & Ming H. Li (Orchidaceae) *Phytotaxa* 435 (3): 236. 2020.
TYPE: CHINA (Guangxi*), 5/1/2018, *FJFC 0676* (holotype: FJFC; isotype: FJFC).

Lonicera omissa P. L. Chiu, Z. H. Chen & Y. L. Xu (Caprifoliaceae) *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 253. 2020.
TYPE: CHINA (Zhejiang*), 5/11/2018, *Y. L. Xu, X. Cai & J. L. Liu Xu517* (holotype: ZM; isotype: ZM).

Luisia yunnanensis Jie Huang tris & D. H. Peng (Orchidaceae) *Phytotaxa* 475 (1): 54. 2020.
TYPE: CHINA (Yunnan*), 4/16/2020, *Y. Y. Yu 20200416-23* (holotype: FAFU-20200416-23).

Lycoris tsinlingensis P. C. Zhang, Yi Jun Lu & Ting Wang bis (Amaryllidaceae) *Annales Botanici Fennici* 57 (4-6): 193. 2020.
TYPE: CHINA (Shaanxi*), 7/16/2014, *P. C. Zhang 028* (holotype: HHBG); *P. C. Zhang 030* (paratype: HHBG).

Lysimachia daqiaoensis G. D. Tang & R. Z. Huang (Primulaceae) *Phytotaxa* 430 (1): 41. 2020.
TYPE: CHINA (Guangdong*), 5/14/2019, *G. D. Tang, R. Z. Huang, M. Liao & W. Han GD190501* (holotype: CANT; isotype: IBSC); *G. D. Tang, W. Han GD190502* (paratype: IBSC).

Lysimachia porcatiseipala S. R. Yi (Primulaceae) *Phytotaxa* 434 (1): 118. 2020.
TYPE: CHINA (Chongqing*), 5/15/2019, *S. R. Yi 8189* (holotype: KUN; isotype: KUN, PE).

Lysimachia xiangxiensis D. G. Zhang, C. Mou & Yu Wu (Primulaceae) *PhytoKeys* 140: 27. 2020.
TYPE: CHINA (Hunan*), 8/26/2019, *D. G. Zhang 0826075* (holotype: JIU; isotype: JIU).

Lysionotus coccinus G. W. Hu & Q. F. Wang (Gesneriaceae) *Nordic Journal of Botany* 38 (e02912): 2. 2020.
TYPE: CHINA (Yunnan*), 7/27/2019, *G. W. Hu, S. Peng & J. J. Wang HGW-1180* (holotype: HIB; isotype: HIB).

Maclura montana Z. P. Lei, G. Y. Li & Z. H. Chen (Moraceae) *Journal of Zhejiang Forestry Science and Technology* 40 (6): 62. 2020.
TYPE: CHINA (Zhejiang*), 7/15/2020, *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071509* (holotype: ZM; isotype: ZM); *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071507* (paratype: ZM); *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071510* (paratype: ZM); *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071511* (paratype: ZM); *Z. P. Lei, X. Liu & S. Z. Hu JN20072805* (paratype: ZM); *R. L. Liu, G. Y. Li & X. D. Mei JN20072806* (paratype: ZM); *L. S. Lin & X. D. Mei JN20072807* (paratype: ZM); *Z. H. Chen, W. Y. Xie & S. Z. Hu JN17080209* (paratype: ZM); *Z. H. Chen, R. L. Liu & S. Z. Hu JN14080252* (paratype: ZM); *Z. H. Chen & G. Y. Li JN20101404*; *Z. H. Chen & G. Y. Li JN20101405* (paratype: ZM).

Maclura orientalis G. Y. Li, W. Y. Xie & Z. H. Chen (Moraceae) *Journal of Zhejiang Forestry Science and Technology* 40 (5): 56. 2020.
TYPE: CHINA (Zhejiang*), 7/29/2020, *Z. P. Lei, G. Y. Li & S. Z. Hu JN20072901* (holotype: ZM; isotype: ZM); *J. P. Zhong & W. Y. Xie LD16073102* (paratype: ZM); *Z. H. Chen & al. JY-002* (paratype: ZM); *Z. H. Chen & al. LQ19061604* (paratype: ZM); *Editorial Committee of Flora of medicinal plants in Zhejiang 1326* (paratype: ZM); *Editorial Committee of Flora of medicinal plants in Zhejiang 2040* (paratype: ZM); *Z. H. Chen & al. JN16080118* (paratype: ZM); *G. Y. Li, Z. H. Chen & F. Chen JN170801-06* (paratype: ZM); *Z. H. Chen & al. JN19072504* (paratype: ZM); *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071504* (paratype: ZM); *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071505* (paratype: ZM); *Z. P. Lei, X. Liu & S. Z. Hu JN20072903* (paratype: ZM); *Z. H. Chen & al. JN18062007* (paratype: ZM); *Z. H. Chen, G. Y. Li & S. Z. Hu JN20071502* (paratype: ZM); *Z. H. Chen, S. Z. Hu & X. D. Mei N19081804* (paratype: ZM); *Z. H. Chen & al. JN18051905* (paratype: ZM); *X. D. Mei JN20072401* (paratype: ZM); *W. Y. Xie & al. QT1505090* (paratype: ZM); *G. Y. Li, D. D. Ma & al., YJ009* (paratype: ZJFC).

Meeboldia linearis X. L. Guo, W. Gou & X. J. He (Apiaceae) *Nordic Journal of Botany* 38 (e02635): 6. 2020.
TYPE: CHINA (Xizang*), 9/29/2018, *X. L. Guo & W. Gou s.n.* (holotype: SZ; isotype: SZ); *Xizang Herb. Med. Exped. 4427* (paratype: PE).

Meehania zheminsensis A. Takano, Pan Li & G. H. Xia (Lamiaceae) *Plants* 9 (1159): 9. 2020.
TYPE: CHINA (Fujian, Zhejiang*), 4/10/2020, *Pan Li LP207976* (holotype: HZU; isotype: HHBG, HYO, KYO, KUN, PE, TI, TNS, ZM).

Mitreola crystallina Y. M. Shui & W. H. Chen (Loganiaceae) *Phytotaxa* 471 (2): 140. 2020.
TYPE: CHINA (Yunnan*), 2/1/2005, *Y. M. Shui & W. H. Chen. 43869* (holotype: KUN); *W. H. Chen & M. D. Zhang 43869* (paratype: KUN); *L. Wu & al. 5740* (paratype: CSFI-069616); *L. Wu & al. 5809* (paratype: CSFI-069617); *C. Liu, M. J. Feng, X. J. Hu, C. H. Li & M. F. Long 20CS19487* (paratype: KUN).

Mucuna guangxiensis K. W. Jiang & Y. Feng Huang (Fabaceae) *Phytotaxa* 433 (2): 149. 2020.
TYPE: CHINA (Guangxi*), 4/13/2019, *Y. Feng Huang & Y. D. Huang 31405* (holotype: CSH; isotype: CSH, GXMI, SWFC); *Y. D. Huang 01* (paratype: CSH); *Y. D. Huang 01* (paratype: CSH, GXMI).

Oberonia integrilabris Yu L. Li & F. W. Xing (Orchidaceae) *Phytotaxa* 432 (1): 105. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Yunnan*), 7/10/2012, *Y. Tong* 237 (holotype: IBSC; isotype: IBSC).

Omphalotrigonotis taishunensis Shao Z. Yang, W. W. Pan & J. P. Zhong (Boraginaceae) *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 258. 2020.

TYPE: CHINA (Zhejiang*), 5/25/2017, *W. W. Pan & J. P. Zhong* WYL2017052501 (holotype: ZJFI; isotype: ZJFI).

Onosma fuyunensis Yi He & Q. R. Liu (Boraginaceae) *PhytoKeys* 144: 13. 2020.

TYPE: CHINA (Xinjiang*), 7/7/2017, *Y. He & Y. Zhou* BNU2017XJ133 (holotype: BNU-0041549; isotype: BNU, PE).

Oreocharis aimodisca Lei Cai, Z. L. Dao & F. Wen (Gesneriaceae) *PhytoKeys* 162: 3. 2020.

TYPE: CHINA (Yunnan*), 9/10/2019, *L. Cai & P. Zhang* CL275 (holotype: KUN; isotype: KUN, IBK).

Oreocharis argentifolia Lei Cai & Z. L. Dao (Gesneriaceae) *Nordic Journal of Botany* 38 (e02699): 2. 2020.

TYPE: CHINA (Yunnan*), 9/12/2019, *Lei Cai* CL305 (holotype: KUN; isotype: KUN).

Oreocharis eriocarpa W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 89. 2020.

TYPE: CHINA (Yunnan*), 7/30/2013, *Y. M. Shui, D. M. He & al.* B2013-304 (holotype: KUN; isotype: PE); *Y. M. Shui & al.* B2015-315A (paratype: KUN); *D. M. He & T. Zhang* WSLJS558 (paratype: KUN); *T. Zhang, D. M. He & Y. F. Feng* 18CS17589 (paratype: KUN).

Oreocharis flavovirens Xin Hong (Gesneriaceae) *PhytoKeys* 157: 102. 2020.

TYPE: CHINA (Gansu*), 9/5/2018, *Xin Hong* HX18090510 (holotype: IBK; isotype: PE); *Y. F. Gao & al.* WF19092401 (paratype: AHU).

Oreocharis fulva W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 91. 2020.

TYPE: CHINA (Yunnan*), 9/13/2013, *Y. M. Shui & al.* B2013-579 (holotype: KUN; isotype: KUN, PE).

Oreocharis jasminina S. J. Ling, F. Wen & M. X. Ren (Gesneriaceae) *PhytoKeys* 157: 102. 2020.

TYPE: CHINA (Hainan*), 11/26/2018, *S. J. Ling* 2018112601 (holotype: HUTB; isotype: HUTB, KUN).

Oreocharis lacerata W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 93. 2020.

TYPE: CHINA (Yunnan*), 8/5/2003, *S. S. Zi* 208 (holotype: KUN; isotype: PE); *S. S. Zi* 261 (paratype: KUN, PE); *Y. L. Li* YDDXS 1137 (paratype: KUN).

Oreocharis longipedicellata Lei Cai & F. Wen (Gesneriaceae) *PhytoKeys* 162: 7. 2020.

TYPE: CHINA (Yunnan*), 8/24/2019, *F. Wen* WF190824-01 (holotype: KUN; isotype: IBK).

Oreocharis wenshanensis W. H. Chen & Y. M. Shui (Gesneriaceae) *PhytoKeys* 157: 96. 2020.

TYPE: CHINA (Yunnan*), 7/27/1993, *Y. M. Shui* 3126 (holotype: KUN; isotype: PE); *Y. M. Shui, D. M. He & al.* B2012-099 (paratype: KUN); *Y. M. Shui & B. Xiao* B2013-100C (paratype: KUN).

Oreocharis wumengensis Lei Cai & Z. L. Dao (Gesneriaceae) *PhytoKeys* 157: 114. 2020.

TYPE: CHINA (Yunnan*), 8/3/2018, *Lei Cai* CL198 (holotype: KUN; isotype: KUN).

Oreorchis wumanae T. P. Lin (Orchidaceae) *Taiwania* 65 (4): 463. 2020.

TYPE: CHINA (Taiwan*), 3/16/2020, *C. H. Liu s.n.* (holotype: TAI-289760).

Oxalis shibeishanensis Huan C. Wang & Y. Tian (Oxalidaceae) *Taiwania* 65 (3): 354. 2020.

TYPE: CHINA (Yunnan*), 3/24/2019, *Huan C. Wang, F. Yang, Q. P. Wang & Y. R. Li* SB5788 (holotype: YUKU-02070800; isotype: YUKU-02070801, YUKU-02070802, YUKU-02070803).

Oxytropis shennongjiaensis D. G. Zhang, J. T. Chen, T. Deng & H. Sun (Fabaceae) *PhytoKeys* 149: 120. 2020.

TYPE: CHINA (Hubei*), 6/9/2019, *D. G. Zhang & Q. Liu* 19060901 (holotype: KUN-1347953; isotype: JIU).

Paraboea brevipedunculata Y. M. Shui & W. H. Chen (Gesneriaceae) *PhytoKeys* 157: 212. 2020.

TYPE: CHINA (Yunnan*), 8/26/2005, *Y. M. Shui & W. H. Chen* B2017-1342 (holotype: KUN); *Y. M. Shui & W. H. Chen* B2013-094 (paratype: KUN); *Y. M. Shui & W. H. Chen* B2017-1342 (paratype: KUN); *Y. M. Shui & W. H. Chen* B2018-021 (paratype: KUN).

Paraboea dolomitica Z. Yu Li, X. G. Xiang & Z. Y. Guo (Gesneriaceae) *PhytoKeys* 153: 41. 2020.

TYPE: CHINA (Guizhou*), 5/2/2017, *Z. Y. Guo* 20170047 (holotype: PE; isotype: QNUN, PE).

Paraboea myriantha Y. M. Shui & W. H. Chen (Gesneriaceae) *PhytoKeys* 157: 209. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Yunnan*), 4/30/2017, *Y. M. Shui & al.* 44536 (holotype: KUN); *Y. M. Shui & al.* 15105 (paratype: KUN); *Y. M. Shui & al.* 20595 (paratype: KUN); *Y. M. Shui & al.* 20946 (paratype: KUN); *Y. M. Shui, B. Xiao, J. Wang & al.* B2013-528 (paratype: KUN); *Y. M. Shui & al.* 30261 (paratype: KUN); *Y. M. Shui & al.* s.n. (paratype: KUN); *Y. M. Shui & al.* 16118 (paratype: KUN); *Y. M. Shui & al.* B2018-183 (paratype: KUN).

Paraboea nanxiensis Lei Cai & Gui L. Zhang (Gesneriaceae) *Guihaia* 40 (10): 1424. 2020.

TYPE: CHINA (Yunnan*), 7/14/2017, *Gui L. Zhang & al.* CL2017085 (holotype: KUN; isotype: KUN, IBK).

Paraphlomis kuankuoshuiensis R. B. Zhang, Tan Deng & C. B. Ma (Lamiaceae) *PhytoKeys* 139: 15. 2020.

TYPE: CHINA (Guizhou*), 7/22/2019, *R. B. Zhang* ZRB1509 (holotype: ZY; isotype: IBK); *R. B. Zhang* ZRB1575 (paratype: ZY).

Pedicularis khoiyangii D. Borah & R. Kr. Singh (Orobanchaceae) *Phytotaxa* 430 (4): 288. 2020.

TYPE: CHINA (Xizang*), 8/23/2019, *D. Borah* 0124 (holotype: CAL; isotype: ASSAM).

Peliosanthes ligniradicis N. Tanaka, M. T. aram & D. Borah (Asparagaceae) *Phytotaxa* 438 (1): 44. 2020.

TYPE: CHINA (Xizang*), 11/16/2018, *M. Taram & D. Borah* 431 (holotype: ASSAM; isotype: ARUN); *M. Taram & D. Borah* 651 (paratype: ASSAM).

Pertya ferruginea Cai F. Zhang (Asteraceae) *Phytotaxa* 474 (3): 242. 2020.

TYPE: CHINA (Fujian, Jiangxi, Zhejiang*), 11/22/2008, *Cai F. Zhang* 1865 (holotype: PE; isotype: HIB, PE).

Pertya huangii Huan C. Wang & Q. P. Wang (Asteraceae) *Annales Botanici Fennici* 57 (1-3): 87. 2020.

TYPE: CHINA (Yunnan*), 1/18/2018, *Huan C. Wang & al.* YM3040 (holotype: YUKU; isotype: YUKU); *Huan C. Wang & al.* YM3041 (paratype: YUKU); *Huan C. Wang & al.* YM7998 (paratype: YUKU).

Petrocodon chishuiensis Z. B. Xin, F. Wen & S. B. Zhou (Gesneriaceae) *Taiwania* 65 (2): 181. 2020.

TYPE: CHINA (Guizhou*), 10/1/2010, *F. Wen F.W.-Ges* 20101001 (holotype: IBK; isotype: IBK, TAI).

Petrocodon ionophyllus F. Wen, S. Li & B. Pan (Gesneriaceae) *Rheedea* 30 (1): 151. 2020.

TYPE: CHINA (Guangxi*), 4/8/2013, *Bo Pan & al.* BP P0783 (holotype: IBK; isotype: IBK, KUN).

Petrocodon luteoflorus Lei Cai & F. Wen (Gesneriaceae) *PhytoKeys* 157: 169. 2020.

TYPE: CHINA (Guizhou*), 8/23/2018, *Lei Cai & al.* CL193 (holotype: KUN; isotype: KUN, IBK).

Petrocodon rubiginosus Y. G. Wei & R. L. Zhang (Gesneriaceae) *PhytoKeys* 157: 176. 2020.

TYPE: CHINA (Guangxi*), 11/15/2015, *F. Wen & al.* WF151112-01 (holotype: IBK; isotype: IBK).

Petrocodon wenshanensis Xin Hong, W. H. Qin & F. Wen (Gesneriaceae) *PhytoKeys* 157: 185. 2020.

TYPE: CHINA (Guangxi*), 6/14/2019, *F. Wen & al.* WF170807-06 (holotype: IBK; isotype: AHU).

Petrocosmea chiwui M. Q. Han, H. Jiang & Yan Liu (Gesneriaceae) *Nordic Journal of Botany* 38 (e02847): 2. 2020.

TYPE: CHINA (Yunnan*), 9/24/2017, *M. Q. Han* HMQ 1620 (holotype: IBK; isotype: PE, YAF); *W. C. Wang* 84475 (paratype: IBSC, KUN, PE, WUK).

Petrocosmea nanchuanensis Z. Y. Liu, Z. Yu Li & Z. J. Qiu (Gesneriaceae) *PhytoKeys* 157: 138. 2020.

TYPE: CHINA (Chongqing*), 9/20/2002, *S. J. Ling* 2018112601 (holotype: HUTB; isotype: HUTB, KUN); *R. H. Liang* 2007010 (paratype: PE); *Z. J. Qiu* QZJ-20131082 (paratype: SZG); *S. Z. Zhang* 20121077 (paratype: SZG); *Z. Y. Liu* 500119-1582ly (paratype: IMC); *Z. Y. Liu* 500119-1595ly (paratype: IMC).

Petrocosmea rotundifolia M. Q. Han, H. Jiang & Yan Liu (Gesneriaceae) *Nordic Journal of Botany* 38 (e02847): 2. 2020.

TYPE: CHINA (Yunnan*), 9/24/2017, *M. Q. Han* HMQ 1621 (holotype: IBK; isotype: PE, YAF); *H. Jiang, J. Li and Q. Cao* 7980 (paratype: YAF).

Peucedanum huangshanense Lu Q. Huang, H. S. Peng & S. S. Chu (Apiaceae) *Phytotaxa* 430 (1): 21. 2020.

TYPE: CHINA (Anhui*), 8/20/2018, *H. S. Peng* 08201 (holotype: ACM; isotype: ACM); *Chu & Chen* 102701 (paratype: ACM); *Chu & Chen* 102703 (paratype: ACM); *Chu & Han* QH080205 (paratype: ACM); *Chu & Han* QH080217 (paratype: ACM).

Phedimus yangshanicus Z. Chao (Crassulaceae) *Phytotaxa* 429 (2): 153. 2020.

TYPE: CHINA (Guangdong*), 4/6/2019, *Z. Chao* 2019040601 (holotype: Herbarium of Southern Medical University).

Phoebe hekouensis Bing Liu, W. Y. Jin, L. N. Zhao & Y. Yang (Lauraceae) *PhytoKeys* 140: 102. 2020.

TYPE: CHINA (Yunnan*), 4/5/2014, *Bing Liu, Y. Yang, Q. W. Lin, L. Jiang & X. J. Li* 1988 (holotype: PE; isotype: PE).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Phytolacca yunnanensis X. H. Li & Wen Zhou (Phytolaccaceae) *Phytotaxa* 446 (1): 51. 2020.
TYPE: CHINA (Yunnan*), 10/16/2018, X. H. Li & Wen Zhou 181005 (holotype: NAU).

Piper lanyuense K. N. Kung & Kun C. Chang (Piperaceae) *Annales Botanici Fennici* 57 (1-3): 93. 2020.
TYPE: CHINA (Taiwan*), 7/20/2009, K. N. Kung & al. 1118 ♀ (holotype: CHIA; isotype: TAIF); C. E. Chang 20009 (paratype: HAST); W. P. Leu 2153 (paratype: HAST); C. E. Chang 5563 (paratype: PPI); Huang & Ku 5315 (paratype: TAI); S. Y. Lu 25476 (paratype: HAST); P. F. Lu 10829 (paratype: TAIF); C. H. Ou & al. 9340 (paratype: TCB); T. Y. A. Yang 2679 (paratype: TNM).

Piper semi-transparente C. Y. Hao & Y. H. Tan (Piperaceae) *Phytotaxa* 429 (3): 194. 2020.
TYPE: CHINA (Hainan*), 4/9/2015, C. Y. Hao 2015028 (holotype: HITBC; isotype: HITBC).

Plagiochila xerophila Bakalin & Vilnet (Plagiochilaceae) *Plant Ecology and Evolution* 153 (1): 127. 2020.
TYPE: CHINA (Sichuan*), 10/14/2017, V.A. Bakalin & K.G. Klimova China-46-2-17 (holotype: VGBI; isotype: KPABG).

Platanthera jiuwanshanensis Ying Qin & Yan Liu (Orchidaceae) *Phytotaxa* 436 (1): 72. 2020.
TYPE: CHINA (Guangxi*), 9/16/2018, Ying Qin QY20180916002 (holotype: IBK; isotype: IBK); Ying Qin QY20190903001 (paratype: IBK).

Polygonatum daminense H. J. Yang & D. F. Cui (Asparagaceae) *Phytotaxa* 449 (3): 290. 2020.
TYPE: CHINA (Zhejiang*), 5/4/2019, H. J. Yang 201902 (holotype: CANT; isotype: CANT).

Primula qiupuensis J. W. Shao (Primulaceae) *Phytotaxa* 441 (2): 177. 2020.
TYPE: CHINA (Anhui*), 3/16/2015, J. W. Shao & J. Liu 20150316-2 (holotype: ANUB-002324; isotype: ANUB-002326, ANUB-002321, ANUB-002320, ANUB-002319, ANUB-002315); J. W. Shao & W. Zhang 20160409-1 (paratype: ANUB-002328); J. W. Shao & J. Liu 20150313-1 (paratype: ANUB-002314); J. W. Shao & J. Liu 20150314-2 (paratype: ANUB-002322); J. W. Shao & J. Liu 20150313-2 (paratype: ANUB-002323); J. W. Shao & J. Liu 20150313-1 (paratype: ANUB-002318, ANUB-002327); J. W. Shao & W. Zhang 20160309-1 (paratype: ANUB-002316); J. W. Shao & J. Liu 20150316-1 (paratype: ANUB-002325); J. W. Shao & W. Zhang 20160410-1 (paratype: ANUB-002329).

Primula sunhangii T. Deng, D. G. Zhang & Jiao Sun (Primulaceae) *PhytoKeys* 156: 106. 2020.
TYPE: CHINA (Hubei*), 6/5/2011, D. G. Zhang & al. Zdg20110605023 (holotype: KUN; isotype: JIU).

Primulina flexusa F. Wen, T. Peng & B. Pan (Gesneriaceae) *PhytoKeys* 159: 62. 2020.
TYPE: CHINA (Guizhou*), 5/15/2016, Bo Pan & al. PB160425-01 (holotype: IBK; isotype: IBK).

Primulina huangjiniana W. B. Liao, Q. Fan & C. Y. Huang (Gesneriaceae) *Guihaia* 40 (10): 1432. 2020.
TYPE: CHINA (Guangdong*), 4/20/2018, Q. Fan & Y. S. Huang 16997 (holotype: SYS; isotype: IBK, IBSC, SYS); Q. Fan & Y. S. Huang 16995 (paratype: SYS); Q. Fan 17003 (paratype: SYS).

Primulina inflata Li H. Yang & M. Z. Xu (Gesneriaceae) *Taiwania* 65 (2): 163. 2020.
TYPE: CHINA (Guangdong*), 4/13/2019, Li H. Yang YLH1024 (holotype: IBSC-0849964; isotype: IBSC-0849965, IBK).

Primulina jiuyishanica Kun Liu bis, D. C. Meng & Z. B. Xin (Gesneriaceae) *PhytoKeys* 162: 39. 2020.
TYPE: CHINA (Guangdong*), 4/14/2017, Kun Liu 20170414-01 (holotype: IBK; isotype: IBK, KUN).

Primulina qintangensis Z. B. Xin, W. C. Chou & F. Wen (Gesneriaceae) *Acta Botanica Boreali-Occidentalia Sinica* 40 (8): 1425. 2020.
TYPE: CHINA (Guangxi*), 1/9/2019, W. C. Chou & al. 190109-01 (holotype: IBK; isotype: IBK).

Primulina spiradiclioides Z. B. Xin & F. Wen (Gesneriaceae) *Annales Botanici Fennici* 57 (4-6): 245. 2020.
TYPE: CHINA (Guangxi*), 7/23/2016, F. Wen & al. WF20160723-01 (holotype: IBK; isotype: IBK).

Primulina titan Z. B. Xin, W. C. Chou & F. Wen (Gesneriaceae) *Journal of Botanical Research* 2 (3): 2. 2020.
TYPE: CHINA (Guangxi*), 5/9/2020, Z. B. Xin & al. XZB20200509-01 (holotype: IBK; isotype: IBK).

Primulina yulinensis Ying Qin & Yan Liu (Gesneriaceae) *Taiwania* 65 (1): 5. 2020.
TYPE: CHINA (Guangxi*), 6/18/2017, Ying Qin & al. QY20170618001 (holotype: IBK; isotype: IBK, PE); Ying Qin & al. QY20170618002 (paratype: IBK); Ying Qin & al. JJZ025 (paratype: IBK); Ying Qin & al. JJZ067 (paratype: IBK); Yan Liu & al. JJZ069 (paratype: IBK).

Primulina zixingensis Li H. Yang & B. Pan (Gesneriaceae) *Annales Botanici Fennici* 57 (1-3): 55. 2020.
TYPE: CHINA (Hunan*), 10/2/2017, Li H. Yang YLH433 (holotype: IBSC); Bo Pan PB2018071701 (paratype: IBK).

Pseuderanthemum arunachalense D. Borah, R. Kr. Singh & Taram (Acanthaceae) *Indian Forester* 146 (7): 660. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Xizang*), 11/27/2016, *D. Borah & M. Taram 64* (holotype: ASSAM; isotype: ARUN).

Pseudocayratia orientalisinensis Z. H. Chen, W. Y. Xie & X. F. Jin (Vitaceae) *Phytotaxa* 475 (4): 261. 2020.

TYPE: CHINA (Zhejiang*), 8/4/2017, *Z. H. Chen, J. Lin & R. L. Liu JN17080401* (holotype: ZM; isotype: HTC, PE); *P. C. Tsoong 4014* (paratype: PE); *M. J. Wang 0615* (paratype: LBG); *C. M. Tan 97577* (paratype: JJF); *G. X. Chen & D. G. Zhang LXP-064986* (paratype: JIU); *G. X. Chen & D. G. Zhang LXP-06-4093* (paratype: JIU); *Z. H. Chen & al. JN17062501* (paratype: ZM); *Z. H. Chen & al. JN17062502* (paratype: ZM); *Z. H. Chen, R. L. Liu & X. D. Mei JN18051907* (paratype: ZM); *Z. H. Chen, J. Lin & J. S. Wang JN18062001* (paratype: HTC); *Z. H. Chen, J. Lin & J. S. Wang JN18062002* (paratype: HTC); *X. D. Mei & J. S. Wang JN18062320* (paratype: HTC); *Z. H. Chen, J. F. Wang & D. H. Wu LD18052002* (paratype: ZM); *Z. H. Chen & Y. Luo TMS-01* (paratype: ZM); *H. Q. Zhu 000040* (paratype: HHBG, WUK); *Y. Y. Ho 22309* (paratype: HHBG, PE); *Y. Y. Ho 22319* (paratype: WUK); *T. Tang & W. Y. Hsia 437* (paratype: LBG); *T. Tang & W. Y. Hsia 241* (paratype: PE); *T. Tang & W. Y. Hsia 242* (paratype: PE); *M. B. Deng & al. 4297* (paratype: PE); *T. N. Liu 138* (paratype: PE, WUK); *H. Migo s.n.* (paratype: PE); *Z. H. Chen & H. W. Zhang LA17061817* (paratype: ZM).

Pternopetalum paucifoliolatum J. F. Ye, X. Jie Li & Ce H. Li (Apiaceae) *PhytoKeys* 166: 99. 2020.

TYPE: CHINA (Sichuan*), 5/2/2020, *X. Jie Li CPG41074* (holotype: PE).

Quercus dehangensis G. X. Chen, D. G. Zhang & B. Z. Wang (Fagaceae) *Acta Botanica Boreali-Occidentalia Sinica* 40 (10): 1781. 2020.

TYPE: CHINA (Hunan*), 11/7/2019, *G. X. Chen, D. G. Zhang & B. Z. Wang DHK-03-1001* (holotype: JIU; isotype: JIU).

Rhamnella intermedia Z. Qiang Lu & Y. Shuai Sun (Rhamnaceae) *PhytoKeys* 159: 119. 2020.

TYPE: CHINA (Guangxi*), 10/5/2019, *Z. Qiang Lu 2019YG2601* (holotype: GXMI; isotype: HITBC).

Rhododendron pudingense X. Y. Dai, C. H. Yang & Y. P. Ma (Ericaceae) *PhytoKeys* 146: 54. 2020.

TYPE: CHINA (Guizhou*), 5/7/2018, *X. Y. Dai 180507112* (holotype: GF; isotype: KUN, PE).

Rhododendron xishuiense C. H. Yang & C. D. Yang (Ericaceae) *Phytotaxa* 429 (3): 248. 2020.

TYPE: CHINA (Guizhou*), 7/21/2010, *C. H. Yang 5784* (holotype: GF-09035587); *C. H. Yang 7590* (paratype: GF).

Rhynchosyche nirijuliense Taram & D. Borah (Gesneriaceae) *The Gardens' Bulletin Singapore* 72 (1): 126. 2020.

TYPE: CHINA (Xizang*), 5/1/2019, *M. Taram & D. Borah 0157* (holotype: CAL; isotype: ASSAM, ARUN, E).

Rubus jingningensis Z. H. Chen, F. Chen & F. G. Zhang (Rosaceae) *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 244. 2020.

TYPE: CHINA (Zhejiang*), 7/4/2019, *F. Chen, Z. H. Chen & X. D. Mei JN19070403* (holotype: ZM; isotype: ZM); *J. Lin, Y. K. Xu & C. G. Zhao JN19081906* (paratype: ZM); *J. Lin, Y. K. Xu & C. G. Zhao JN19081910* (paratype: ZM); *Z. H. Chen, X. D. Mei & H. F. Xu JN19081903* (paratype: ZM); *Z. H. Chen, X. D. Mei & H. F. Xu JN19081904* (paratype: ZM); *J. Lin, Y. K. Xu & C. G. Zhao JN19081908* (paratype: ZM); *J. Lin, Y. K. Xu & C. G. Zhao JN19081911* (paratype: ZM); *F. Chen & Z. H. Chen JN19073003* (paratype: ZM); *X. D. Mei, C. G. Zhao & H. F. Xu JN19081916* (paratype: ZM); *Z. H. Chen & H. F. Xu JN19090103* (paratype: ZM); *X. D. Mei, D. H. Wu & Z. H. Chen JN19081702* (paratype: ZM); *X. D. Mei, D. H. Wu & Z. H. Chen JN19081703* (paratype: ZM).

Salacia malipoensis X. D. Ma & J. Y. Shen (Celastraceae) *Annales Botanici Fennici* 57 (1-3): 110. 2020.

TYPE: CHINA (Yunnan*), 4/8/2019, *J. Y. Shen & X. D. Ma 1488* (holotype: HITBC; isotype: HIB, HITBC, KUN, PE).

Saussurea sagittifolia Y. S. Chen & S. R. Yi (Asteraceae) *Phytotaxa* 472 (3): 295. 2020.

TYPE: CHINA (Sichuan*), 9/5/2020, *L. S. Xu XL200484* (holotype: IBSC; isotype: KUN, PE).

Saussurea solaris Raab-Straube & Lidén (Asteraceae) *Symbolae Botanicae Upsalienses, Acta Universitatis Upsaliensis* 40: 130. 2020.

TYPE: CHINA (Xizang*), 9/9/1938, *F. Kingdon-Ward 14229* (holotype: BM-000535025).

Saussurea xinjiangensis Y. S. Chen (Asteraceae) *Nordic Journal of Botany* 38 (e02711): 2. 2020.

TYPE: CHINA (Xinjiang*), 8/15/2014, *Y. S. Chen & Q. Yuan 141562* (holotype: PE-02053504; isotype: PE-02053337, PE-02053501, PE-02053502, PE-02053503, PE-02053505).

Saussurea yilingii Y. S. Chen (Asteraceae) *Phytotaxa* 452 (3): 236. 2020.

TYPE: CHINA (Sichuan*), 9/1/2015, *FLPH Sichuan Expedition (Y. S. Chen & al.) 151871* (holotype: PE; isotype: PE).

Saussurea yiwuensis L. Q. Zhao & R. Xu (Asteraceae) *Annales Botanici Fennici* 57 (1-3): 159. 2020.

TYPE: CHINA (Xinjiang*), 7/30/2016, *L. Q. Zhao, R. Xu & Z. Y. Yao XJ16-7001* (holotype: HIMC; isotype: HIMC).

Sedum nanlingense Yan Liu & C. Y. Zou (Crassulaceae) *Phytotaxa* 447 (3): 183. 2020.

TYPE: CHINA (Guangxi*), 8/12/2016, *s.coll. 450329160812022LY* (holotype: IBK); *s.coll. 450329161028010LY* (paratype: IBK).

Selaginella subvaginata X. C. Zhang & Shalimov (Selaginellaceae) *Journal of Species Research* 9 (3): 222. 2020.

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

TYPE: CHINA (Sichuan*), 8/18/2017, X. C. Zhang, R. H. Jiang & E. F. Huang 8838 (holotype: PE; isotype: PE).

Sinosasa fanjingshanensis N. H. Xia, Q. M. Qin & J. B. Ni (Poaceae) *Taxon* 70 (1): 34. 2020.

TYPE: CHINA (Guizhou), 9/6/2017, X. R. Zheng & J. B. Ni 29 (holotype: IBSC-0857169).

Sinosasa huapingensis N. H. Xia, Q. M. Qin & Y. H. Tong (Poaceae) *Taxon* 70 (1): 39. 2020.

TYPE: CHINA (Guangxi), 10/29/2015, Y. H. Tong & N. H. Xia 517 (holotype: IBSC-0857168).

Sinosasa mingyueshanensis N. H. Xia, Q. M. Qin & X. R. Zheng (Poaceae) *Taxon* 70 (1): 42. 2020.

TYPE: CHINA (Jiangxi), 8/25/2017, X. R. Zheng 16 (holotype: IBSC-0857171).

Sinosasa polytricha N. H. Xia, Q. M. Qin & X. R. Zheng (Poaceae) *Taxon* 70 (1): 43. 2020.

TYPE: CHINA (Guangdong, Hunan), 10/3/2017, X. R. Zheng & N. H. Xia 130 (holotype: IBSC-0857170); L. Deng 5827 (paratype: IBSC); Z. P. Wang & S. T. Liu 780048 (paratype: N); N. H. Xia & J. B. Ni 14 (paratype: IBSC); C. X. Zeng & Y. X. Zhang 06123 (paratype: KUN); L. Deng 291 (paratype: IBSC); S. H. Chen 2812 (paratype: IBSC).

Sinosenecio ovatifolius C. Y. Zou, Yan Liu & Ying Liu (Asteraceae) *Phytotaxa* 460 (2): 155. 2020.

TYPE: CHINA (Guangxi*), 3/21/2020, C. Y. Zou, W. B. Xu & J. Q. Huang ZCY 266 (holotype: PE; isotype: A).

Sinoseris changii Ze H. Wang, N. Kilian & H. Peng (Asteraceae) *Willdenowia* 50 (1): 108. 2020.

TYPE: CHINA (Yunnan(T)), 10/12/2017, Ze H. Wang & Y. P. Chen WZH20171001 (holotype: KUN; isotype: B, KUN, PE).

Sonneratia × zhongcairongii Y. S. Wang & S. H. Shi (Lythraceae) *PhytoKeys* 154: 3. 2020.

TYPE: CHINA (Hainan*), 6/13/2018, C. R. Zhong Saa20180613-001 (holotype: IBSC; isotype: IBSC).

Sorbus gongshanensis X. F. Gao & Meng Li (Rosaceae) *PhytoKeys* 144: 2. 2020.

TYPE: CHINA (Xizang, Yunnan*), 9/1/2006, Gaoligong Shan Biodiversity Survey (2006) 31749 (holotype: GH; isotype: CAS, KUN).

Spathoglottis arunachalensis Tsering & K. Prasad (Orchidaceae) *Phytotaxa* 432 (3): 289. 2020.

TYPE: CHINA (Xizang*), 10/4/2016, J. Tsering 40642 (holotype: OHT; isotype: CAL, OHT).

Stellaria multipartita Bo Xu bis & Meng Li (Caryophyllaceae) *Phytotaxa* 442 (3): 198. 2020.

TYPE: CHINA (Chongqing*), 8/4/2019, Meng Li 00785 (holotype: NF-2007616; isotype: CDBI, NF-2007617); G. H. Yang 58565 (paratype: PE-00612811).

Stellaria pentastyla W. Q. Wang, Han F. Xu & Z. H. Ma (Caryophyllaceae) *Phytotaxa* 435 (1): 71. 2020.

TYPE: CHINA (Yunnan*), 6/8/2017, Xu & Mou YN0014 (holotype: GAUA; isotype: IBSC).

Stellaria procumbens Huan C. Wang & Feng Yang (Caryophyllaceae) *Phytotaxa* 435 (2): 195. 2020.

TYPE: CHINA (Sichuan, Yunnan*), 7/12/2019, Huan C. Wang & al. LQ 7217 (holotype: YUKU; isotype: YUKU); Z. T. Guan 7620 (paratype: PE); Sichuan Vegetation Team 14096 (paratype: CDBI); F. T. Wang 23373 (paratype: KUN, PE, WUK); F. T. Wang 23438 (paratype: KUN, PE); F. T. Wang 75095 (paratype: WUK); Nanshuibeidiao Team 01879 (paratype: PE); Botanical Team of Sichuan Agricultural College 00997 (paratype: CDBI); W. B. Ju & al. AZH01164 (paratype: CDBI); S. G. Wu 8138 (paratype: HITBC, KUN); C. W. Wang 63976 (paratype: PE, NAS, WUK); C. W. Wang 68491 (paratype: KUN, PE); C. W. Wang 64682 (paratype: PE); Sino-US Joint Plant Expedition 858 (paratype: KUN); C. Y. Wu & al. 1454/2 (paratype: PE); H. C. Wang & al. 0803 (paratype: YUKU); H. C. Wang & al. 0497 (paratype: YUKU); H. C. Wang & al. LQ 3196 (paratype: YUKU).

Stereochilus arunachalensis Chowlu & A. N. Rao (Orchidaceae) *Phytotaxa* 433 (2): 177. 2020.

TYPE: CHINA (Xizang*), 6/4/2018, Chowlu 41000 (holotype: ARUN).

Stixis villiflora J. Y. Shen, S. Landrein, W. G. Wang & X. D. Ma (Resedaceae) *Taiwania* 65 (1): 10. 2020.

TYPE: CHINA (Yunnan*), 3/16/2019, J. Y. Shen, X. D. Ma & W. G. Wang 1413 (holotype: HITBC; isotype: HITBC, HIB, KUN).

Strobilanthes sunhangii T. Deng, J. T. Chen & Y. F. Deng (Acanthaceae) *PhytoKeys* 166: 119. 2020.

TYPE: CHINA (Xizang*), 10/5/2018, H. Sun, T. Deng & Z. M. Li Sunhang19964 (holotype: KUN-1345286; isotype: IBSC, KUN-1345287, KUN-1345288).

Synotis panzhouensis M. Tang & H. L. Zheng (Asteraceae) *PhytoKeys* 166: 80. 2020.

TYPE: CHINA (Guizhou*), 9/1/2020, Z. Li & M. Tang 2020-0901 (holotype: JXAU; isotype: GZAC, JXAU).

Taraxacum dilutissimum Kirschner & Štěpánek (Asteraceae) *Phytotaxa* 457 (1): 227. 2020.

TYPE: CHINA (Xizang), INDIA*, UZBEKISTAN, 4/20/2004, L. Klimeš 6629 (holotype: PRA; isotype: PRA).

杜诚, 刘军, 叶文, 廖帅, 葛斌杰, 刘冰, 马金双 (2021) 中国植物新分类群、新名称 2020 年度报告. 生物多样性, 29, 1011–1020. <http://www.biodiversity-science.net/CN/10.17520/biods.2021122>

Taraxacum hedinii G. Haglund ex Kirschner & Štěpánek (Asteraceae) *Phytotaxa* 457 (1): 185. 2020.
TYPE: CHINA (Xinjiang), INDIA*, 8/23/2002, *L. Klimes* 5198 (holotype: PRA; isotype: PRA).

Taraxacum tubulosum Kirschner & Štěpánek (Asteraceae) *Phytotaxa* 457 (1): 63. 2020.
TYPE: CHINA (Xinjiang), INDIA*, 9/16/2002, *L. Klimes* 3762 (holotype: PRA; isotype: S, BM, M).

Thalictrum jiulongense W. T. Wang (Ranunculaceae) *Bulletin of Botanical Research* 40 (1): 9. 2020.
TYPE: CHINA (Sichuan*), 7/17/2018, *S. R. Zhang, J. Yang & W. Zhang* GGS10362 (holotype: PE-02293703).

Thalictrum kangdingense W. T. Wang (Ranunculaceae) *Bulletin of Botanical Research* 40 (1): 5. 2020.
TYPE: CHINA (Sichuan*), 7/15/2018, *X. Y. Zhu & al.* GG226 (holotype: PE-02293701).

Thalictrum tenuicaule W. T. Wang (Ranunculaceae) *Bulletin of Botanical Research* 40 (1): 7. 2020.
TYPE: CHINA (Sichuan*), 7/20/2018, *Y. Yang & al.* GGS181 (holotype: PE-02293702).

Thismia jianfenglingensis Han Xu, H. J. Yang & S. Q. Fang (Burmanniaceae) *Phytotaxa* 429 (2): 180. 2020.
TYPE: CHINA (Hainan*), 6/20/2017, *Han Xu* 2017001 (holotype: CANT; isotype: IBSC).

Tongolola arguta L. J. Gui & X. J. He (Apiaceae) *PhytoKeys* 164: 14. 2020.
TYPE: CHINA (Sichuan*), 9/26/2019, *L. J. Gui* GLJ19092601 (holotype: SZ).

Tongolola tagongensis L. J. Gui & X. J. He (Apiaceae) *Phytotaxa* 461 (1): 17. 2020.
TYPE: CHINA (Sichuan*), 9/21/2018, *L. J. Gui & S. B. Jia* GLJ18092101 (holotype: SZ); *Y. J. Li* 401 (paratype: CDBI).

Trapa dimorphocarpa Z. S. Diao (Lythraceae) *Guihaia* 40 (1): 9. 2020.
TYPE: CHINA (Fujian*), 6/1/1985, *L. Su* 1989 (lectotype: YZU); *Z. S. Diao* 1989 (syntype: YZU); *Fujian Agri. Coll. 1911* (syntype: YZU).

Trichosanthes glandulosa G. Q. Zhu, H. Z. Peng & X. H. Liu (Cucurbitaceae) *Journal of Zhejiang Forestry Science and Technology* 40 (3): 91. 2020.
TYPE: CHINA (Zhejiang*), 7/3/2018, *G. Q. Zhu* ZFAZGQ2018070301 (holotype: ZM); *L. Hong* HZ056319 (paratype: HHBG); *G. Q. Zhu* ZFAZGQ201308261 (paratype: ZM); *G. Q. Zhu & al.* 2017102232 (paratype: ZM); *G. Q. Zhu* ZFAZGQ2016071701 (paratype: ZM); *G. Q. Zhu & al.* ZFAZGQ2016092407 (paratype: ZM); *S. Z. Yang* 139 (paratype: ZM); *G. Q. Zhu* ZFAZGQ2018102601 (paratype: ZM).

Trigonotis motuoensis Q. R. Liu & Xue M. Xu (Boraginaceae) *Phytotaxa* 461 (4): 237. 2020.
TYPE: CHINA (Xizang*), 5/28/2019, *Xue M. Xu & D. H. Liu* BNU2019XZ182 (holotype: BNU-0049249; isotype: BNU).

Tupistra nganii K. S. Nguyen, Aver., N. Tanaka & Nuraliev (Asparagaceae) *Phytotaxa* 449 (2): 174. 2020.
TYPE: CHINA (Yunnan), VIETNAM*, 10/19/2018, *L. V. Averyanov, N. S. Khang, T. V. Maisak, T. Q. Ngan*, VR 1015 (holotype: HN; isotype: HN, LE-01042176, LE-01042177, LE-01042186); *W. J. Kress, L. M. Prince & Y. M. Xia* 00-6803 (paratype: US-00732584); *N. Q. Hieu & al.* CPC 4976 (paratype: LE-01070256); *L. V. Averyanov, N. S. Khang & T. V. Maisak* VR 1452 (paratype: HN; LE-01061076, LE-01066967); *N. S. Khang & al.* NSK 1182 (paratype: HN; LE-01070257); *M. S. Nuraliev, Yu. O. Kopylov-Guskov, D. F. Lyskov* 3025 (paratype: MW-0595720, MW-0595721; LE-01070259).

Vaccinium napoense Y. H. Tong & N. H. Xia (Ericaceae) *Nordic Journal of Botany* 38 (e02773): 2. 2020.
TYPE: CHINA (Guangxi*), 3/29/2019, *Y. H. Tong & Z. Y. Cai* TYH-2093 (holotype: IBSC; isotype: IBK); *Y. S. Huang & al.* Y1077 (paratype: IBK).

Viburnum fengyangshanense Z. H. Chen, P. L. Chiu & L. X. Ye (Adoxaceae) *Journal of Hangzhou Normal University (Natural Science Edition)* 19 (3): 261. 2020.
TYPE: CHINA (Zhejiang*), 5/8/2016, *Z. H. Chen, L. X. Ye & S. L. Liu* LQ2016001 (holotype: ZM; isotype: HTC,ZM); *S. Y. Zhang* 3182 (paratype: PE, IBSC); *Z. H. Chen, L. X. Ye & S. L. Liu* LQ2016003 (paratype: ZM); *L. X. Ye & S. L. Liu* LQ2016005 (paratype: ZM); *Z. H. Chen, L. X. Ye & S. L. Liu* LQ2016006 (paratype: ZM); *Z. H. Chen, S. L. Liu & J. S. Wang* LQ2018001 (paratype: ZM); *X. F. Jin* 4210 (paratype: HTC); *X. F. Jin* 4211 (paratype: HTC); *X. F. Jin* 4212 (paratype: HTC); *X. F. Jin* 4216 (paratype: HTC); *Z. H. Chen & al.* LQFYS180720-09 (paratype: ZM); *Z. H. Chen & al.* LQFYS180721-03 (paratype: ZM); *Z. H. Chen & al.* LQFYS180721-04 (paratype: ZM); *Z. H. Chen & al.* 8 (paratype: ZM).

Zingiber chengii Y. H. Tseng, C. M. Wang & Yuan C. Lin (Zingiberaceae) *PhytoKeys* 139: 3. 2020.
TYPE: CHINA (Taiwan*), 5/23/2014, *Y. H. Tseng* 5614 (holotype: TCF).

Zingiber porphyrochilum Y. H. Tan & H. B. Ding (Zingiberaceae) *Annales Botanici Fennici* 57 (4-6): 197. 2020.
TYPE: CHINA (Yunnan*), 8/17/2018, *Y. H. Tan, B. Yang, H. B. Ding & X. D. Zeng* Y0143 (holotype: HITBC).