



•生物编目• 2022年新物种专题

中国植物新分类群、新名称变化2022年度报告

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摘要: 中国植物物种名称随着新分类群的发表和新记录的发现而增加, 随着新分类处理带来的组合、替代和归并而变化, 随着名称修订和错误订正而改正, 随着中国产地被排除而减少。这些资料都零散地存在于各种出版物中, 需要及时整理并在具体类群专家指导下尽快收录于中国生物物种名录之中。本文通过广泛的文献检索和数据校正, 筛选出2022年出版的1部书籍和62种刊物中发表的403篇文章, 对其中与中国植物物种编目相关的内容进行了标准化, 并将标准化的数据以Excel文件的形式共享。排除异常数据后, 2022年中国境内共发表植物新属12个, 新种286个, 新种下类群20个, 新记录属6个, 新记录种及种下等级57个, 重新发现多年未见物种4个, 排除中国分布物种6个。新发表的物种分别属于被子植物(262种及种下等级)、裸子植物(1种)、石松类和蕨类植物(28种)、苔藓植物(15种及种下等级), 其中155个类群发表时提供了除形态学信息之外的分子系统学、染色体、微形态、基因组等方面的证据, 综合性证据的使用率超过50%, 有92种在发表时就依据IUCN标准被评估处于受威胁状态。云南、四川、西藏、广西、贵州等西南省区发表和发现的新分类群和新记录数量最多, 墨脱是全国新分类群发现最多的县。2022年中国还发表新组合(等级)名称122个, 新名称11个, 有103个植物名称被处理为76个物种的异名, 重新承认4个物种。2022年高等植物净增加346个分类群, 占全国高等植物总量的0.89%, 240个高等植物名称发生变动, 占全国高等植物总数的0.62%, 总体植物名称变化率为1.5%。

关键词: 高等植物; 新分类群; 名称变动; 中国

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2022 annual report on new taxa and nomenclatural changes of Chinese plants

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ABSTRACT

Aim: Plant species names undergo revisions and changes in response to deepening taxonomic research deepens and new discoveries. These valuable diverse pieces of information are scattered across various publications, requires necessitate timely consolidation into the Species Catalogue of China, under the guidance of taxonomic experts. To address this requirement, it is necessary to create a dataset containing information on new taxa, name changes, and the latest statuses of plants in China.

Methods: We collected data on newly discovered taxa and name changes for Chinese higher plants by reviewing 228 journals and monographs. This compilation involved 403 articles from 62 journals and 1 monograph, focusing on the

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new taxa and nomenclatural changes of higher plants in 2022.

Results: In 2022, China reported a total of 318 new taxa of higher plants, encompassing 12 new genera, 286 new species, 3 new subspecies, 10 new varieties, and 7 new forms. The recently described species fall into bryophytes (15 taxa), pteridophytes (28 species), gymnosperm (1 species), and angiosperms (362 taxa). Notably, 155 newly identified species have been published with detailed evidence covering molecular systematics, chromosomes, micromorphology, genome, etc. Among these, 92 species were considered as threatened according to IUCN standards. The majority of these discoveries originate from five southwestern provinces in China, namely Yunnan, Sichuan, Xizang, Guangxi, and Guizhou. Medog, a county-level unit, recorded the highest number of newly discovered species in 2022. Furthermore, 122 new combinations and 11 replacement names were transferred from other species. Additionally, 103 names were designated as synonyms for 76 taxa, while 4 names were re-accepted.

Conclusion: In 2022, China witnessed a net increase of 346 new taxa of higher plants, accounting for 0.89% of the total Chinese plant species. Additionally, 240 names of higher plants underwent changes, accounting for 0.62% of the total. These changes represented 1.5% of all Chinese plant names modified in 2022, encompassing both species additions and nomenclature treatments.

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

《中国生物物种名录(2023版)》报告中国现有高等植物38,844种,比2021版增加了557种,增量部分除了过往的漏载物种之外,还包括部分新发表的物种和新名称变动(The Biodiversity Committee of Chinese Academy of Sciences, 2023)。这些新物种和名称变动分散在各种植物学期刊和专著中,需要及时收集整理,并在具体类群研究专家的指导下尽快收录于中国生物物种名录之中。2000年以来,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,并有310个植物名称发生变化(Du et al, 2020)。2020年中国新发表高等植物312种,国家级新记录48个;2021年新发表高等植物289种,国家级新记录62个;年度植物名称新增和变动的数量占全国总植物物种数量的1.5% (杜诚等, 2021, 2022)。由于国际性的植物名称索引,如International Plant Names Index (IPNI, <http://www.ipni.org>)、Tropicos (<https://www.tropicos.org>)等对于中国植物新分类群的收录并不及时,我们需要快速整理滞后收录的文献,补充国际数据库对中国植物的漏载,并增加除新类群之外的与植物名称有关的信息,建立中国自己的植物名称索引系统。

1 数据来源和处理方法

本文系统检索和整理了曾经发表植物类群或名称的228种期刊和新出版的相关书籍,并通过中国知网(<https://www.cnki.net/>)、IPNI和Tropicos进行交叉检索和系统梳理。最终筛选出1部书籍和62种刊物中发表的403篇文章,对其中包含的有关中国

植物新分类群、组合、名称、异名、模式化、名称更正以及国家级新记录、排除中国分布、物种再次发现等与中国植物物种编目相关的内容进行了标准化。数据标准化的原则是对每个植物名称的一次分类学处理分配一个条目,如果1篇文章中对1个名称进行了2种分类学处理(如进行新组合的同时还进行了后选模式的处理),则分为2个条目;如果不同文章对同一个名称进行了不同或相同的分类学处理(如一个名称的两次不同发表),同样也收录为不同的条目,但会明确标注。经过标准化的有关中国植物类群的信息以Excel文件形式共享(附录1)。

2 2022年度中国植物新分类群及名称变动情况

2.1 植物新分类群的基本状况

仅从数据来看,2022年中国植物新物种和种下分类群的发表数量为488个,达到了历史极值,占当年全球植物新分类群(2,396个)数量的20.4%。但其中有182个新分类群(175种1杂交种1亚种5变种)是中国台湾退休学者应绍舜在自行编印的电子出版物*New Taxa New Names*中发表的,除2019年的第1卷外,2020–2021年发布的卷册因使用了不规范的国际标准书号(ISBN)而属于无效发表。2022年应绍舜重新给后续卷册申请了独立的ISBN号,进而使得2020–2022年出版的卷册重新成为有效发表的载体,但有效发表日期全部集中在了2022年。为了避免大量数据对年度物种数据造成冲击,造成数据失真,同时由于该电子出版物上发表的物种没有经过

同行评议, 因此本数据集仅收录其中合格发表的名称, 而不将其纳入下文中的数据分析。

排除上述分类群后, 2022年中国境内共发表植物新属12个(含1个新杂交属)、新种286个(含4个新杂交种)、新种下类群20个(新亚种3个、变种10个、变型7个)、新记录属6个、新记录物种56个、新记录种下等级1个, 重新发现多年未见物种4个, 排除中国分布物种6个。新种数量与2021年(289种)基本持平, 高于前20年的平均值(220种) (Du et al, 2020)。2022年发表的306个新种及种下分类群中, 包括被子植物262种(含种下等级)、裸子植物1种、石松类和蕨类植物28种、苔藓植物15种(含种下等级), 各大类群的新种数量与历年基本持平(Du et al, 2020)。

306个新分类群中有155个在发表时提供了除形态学信息之外的分子系统学、染色体、微形态、基因组等方面的证据, 综合性证据的使用率超过50%, 较2021年(38.4%)有了进一步的提高。此外, 306个新分类群中有165个依据IUCN标准评估了濒危等级, 其中极危(CR) 46个、濒危(EN) 18个、易危(VU) 25个、近危(NT) 3个、无危(LC) 17个、数据缺乏(DD) 56个。新发表的类群中有89种(占比29.1%) 在发表时被认为处于受威胁状态, 较2021年受威胁种占比(26.3%)进一步提高。

2.2 发表的高阶新分类群

2022年中国高等植物共发表了12个新属(与历年持平), 其中苔藓植物3个, 石松类和蕨类植物1个, 被子植物8个, 所有新属的发表均提供了详细的分子系统学证据。另外还有1个新族和1个新组被发表。由于次级分类单位往往在科属的系统订正类文献中出现, 容易被漏载, 所以未来还有增加的可能。2022年中国高等植物新发表的新属和其他高阶类群见附录2。

2.3 新分类群所属的科属统计

2022年发表的新种及种下分类群隶属于83科171属, 科级水平(图1)主要集中在苦苣苔科(28种1亚种)、兰科(20种3杂交种3变型)、菊科(17种)、毛茛科(11种1变种)、报春花科(10种), 属级水平主要集中在凤仙花属(*Impatiens*, 8种2变种)、秋海棠属(*Begonia*, 8种)、藓草属(*Carex*, 7种1变种)、卷柏属(*Selaginella*, 7种)、报春花属(*Primula*, 7种)、耳蕨属(*Polystichum*, 7种)、小檗属(*Berberis*, 7种)、报春苣

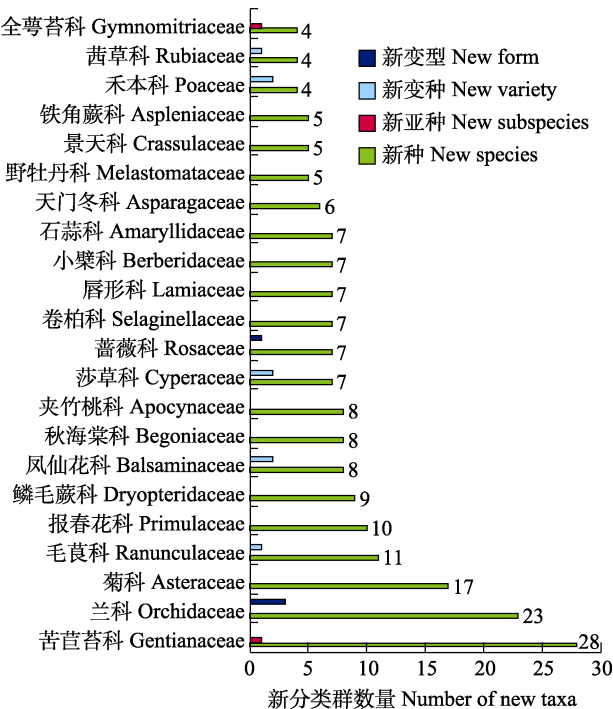


图1 2022年发表5个以上中国植物新分类群的科

Fig. 1 Families of more than five new taxa described from China in 2022

苔属(*Primulina*, 6种)、马铃薯苣苔属(*Oreocharis*, 6种)。发表5个新分类群以上的科和3个新分类群以上的属及其包含的物种分别见附录3和附录4。

2.4 新分类群和新记录种的地理分布

2022年发表的新种及种下分类群和国家级新记录种主要分布在云南(67种2杂交种1亚种1变种2变型11新记录)、四川(38种1亚种1变种1变型2新记录)、西藏(35种1亚种2变种19新记录)、广西(35种1新记录)、贵州(24种)等西南省区(图2)。云南省仍稳居中国植物新种和新记录种发现的第一位; 贵州省新种发现数量排序首次进入第5名, 显示了学者对贵州丰富的喀斯特地貌区域植物的关注; 北京、天津、宁夏、吉林、香港和澳门没有关于新分类群和国家级新记录种的报道。各省发表的新分类群和新记录物种见附录5。

新分类群发现最多的县级单位是墨脱, 2022年共记录了18个新分类群和6个国家级新记录种, 发现新分类群较多的县级单位还有麻栗坡、仁化、康定、易门、文山、荔波、环江、错那等, 发现新记录种较多的县级单位有吉隆、聂拉木等。

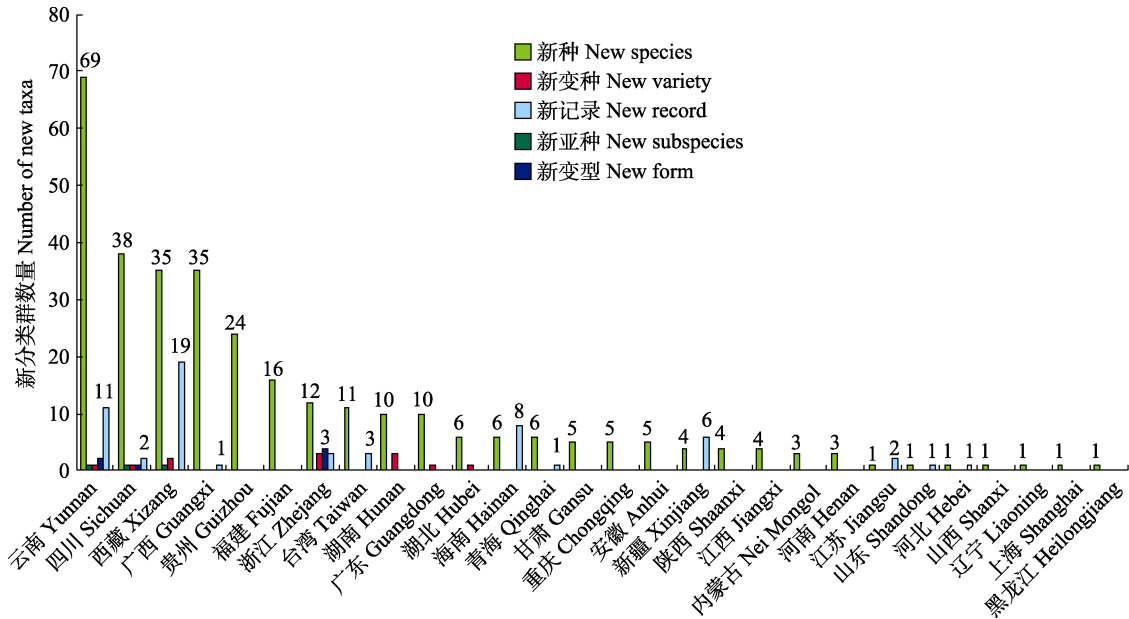


图2 2022年中国各省区发表的新分类群和国家级新记录物种数量(北京、天津、宁夏、吉林、香港、澳门等无新分类群或新记录物种)

Fig. 2 The provincial number of Chinese new taxa and national new record species published in 2022 (Beijing, Tianjin, Ningxia, Jilin, Hong Kong, and Macau without new taxa or new record are not included)

2.5 中国植物名称的其他变动

2022年涉及的中国植物新组合(等级)名称有122个,新名称有11个,集中在大戟科(31个)、豆科(17个)、百合科(12个)、平藓科(11个)、柏科(5个)、唇形科(5个)等少数几个科,73.6%的名称的发表是基于分子系统学证据综合研究进行的物种归属处理。这样的处理一般只带来属名的变动,对物种数量无影响。

2022年有103个植物名称被处理为76个物种的异名,这些异名中除去代表相同实体的名称外还有91个名称被归并。此外还有4个物种从其他物种独立出来,这些分类学名称处理造成物种数量减少11个。

2022年高等植物净增加346个分类群,占全国高等植物总量的0.89%。当年度新发表的研究论文和专著中的名称组合、异名归并等分类学处理导致240个高等植物名称发生了变动,占全国高等植物总数的0.62%,与上年数据基本持平。总体植物名称变化率为1.5%,值得引起相关学者重视。

2.6 发表中国植物新分类群和名称的学者

2022年发表的306个中国高等植物新分类群由258个中外作者团队发表。其中215个中国作者团队发表了252个新分类群,25个外国作者团队发表了29个新分类群,18个中外合作团队发表了其余的25

个新分类群。这些中外作者团队中有中国学者359人,外国学者51人。2022年发表中国植物新分类群数量最多的中国学者是金孝锋(发表12个新分类群),外国学者是Souravjyoti Borah和Julian F. Harber (各发表7个新分类群)。

2022年中国高等植物的133个新组合和新名称由51个中外作者团队发表。其中30个中国作者团队发表了50个名称,13个外国作者团队发表了75个名称,8个中外合作团队发表了其余的8个名称。这些中外作者团队中有中国学者64人,外国学者35人。2022年发表中国植物新组合及新名称数量最多的中国学者是宋柱秋(发表6个名称),外国学者是Adrianus C. Bouman (发表30个名称)。

2022年参与中国高等植物命名的学者有473人,其中中国学者393人,而第一次参与命名的有111人,这些新增学者的详细资料 and 标准拼写见附录6。

2.7 发表中国高等植物名称的出版物

2022年发表中国植物名称相关内容的书籍有1部;期刊有62种,共发表相关文章403篇。306个新分类群发表在1部书籍和44种期刊之中,其中发表新分类群最多的期刊是*PhytoKeys* (81个)和*Phytotaxa* (79个),其他发表新分类群较多的期刊还有*Taiwania*、*Plant Diversity*、*Nordic Journal of*

Botany、《广西植物》等, *PhytoKeys*发表的中国植物新分类群数量首次超过*Phytotaxa*。

3 中国植物名称索引介绍

在连续发布中国植物新物种及名称变动报告的基础上, 中国植物分类学文献研究团队整合了2000年以来所有涉及到中国植物的新分类群、国家级新记录、名称变动、异名处理、名称订正、排除分布、重新发现以及模式化的信息, 建立了中国植物名称索引(Chinese Plant Name Index, CPNI, <https://cpni.ibiodiversity.net/>), 提供相关名称对应的原始文献信息。网站目前包含16,495条植物名称记录, 给出了名称对应的文献、模式、分布信息。未来还会不断地对新发表、漏载和2000年以前的分类学文献进行系统的整理和更新, 目标是建成中国植物名称的原始文献数据库, 为中国植物分类学相关工作提供基础保障。

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附录 Supplementary Material

附录1 2022年中国植物新分类群和新名称变化数据集

Appendix 1 Data of new taxa and name changes for Chinese plants in 2022
<https://www.biodiversity-science.net/fileup/PDF/2023244-1.xlsx>

附录2 2022年发表的中国植物高阶新分类群

Appendix 2 New higher taxa of Chinese plants in 2022
<https://www.biodiversity-science.net/fileup/PDF/2023244-2.pdf>

附录3 2022年发表中国植物5个分类群以上的科及所包含的类群

Appendix 3 Families of more than five new taxa described from China in 2022 and the taxa included
<https://www.biodiversity-science.net/fileup/PDF/2023244-3.pdf>

附录4 2022年发表中国植物3个分类群以上的属及所包含的类群

Appendix 4 Genera of more than three new taxa described from China in 2022 and the taxa included
<https://www.biodiversity-science.net/fileup/PDF/2023244-4.pdf>

附录5 2022年中国有新分类群和新记录物种发表的28个省级行政区的植物分布情况

Appendix 5 Distribution of new taxa and new record taxa published by 28 provinces in China in 2022
<https://www.biodiversity-science.net/fileup/PDF/2023244-5.pdf>

附录6 2022年中国植物新分类群学名中新增的中国作者名录

Appendix 6 List of newly added Chinese authors in the scientific names of new taxa of Chinese plants in 2022
<https://www.biodiversity-science.net/fileup/PDF/2023244-6.pdf>

附录2 2022年发表的中国植物高阶新分类群
Appendix 2 New higher taxa of Chinese plants in 2022

新分类群 New taxa	类型 Type	文献引证 Citation	模式信息 Type
扁柏族 <i>Chamaecyparideae</i> Y. Yang (Gymnosperm, Cupressaceae)	新族 New Tribe	Plant Diversity 44: 340–350(346)	<i>Chamaecyparis</i> Spach
岳平藓属 <i>Indoneckera</i> Enroth (Bryophyte, Neckeraceae)	新属 New Genus	The Bryologist 125(2): 311–327(315)	<i>Indoneckera himalayana</i> (Mitt.) Enroth
拟台湾藓属 <i>Taiwanobryopsis</i> Enroth (Bryophyte, Neckeraceae)	新属 New Genus	The Bryologist 125(2): 311–327(316)	<i>Taiwanobryopsis warburgii</i> (Broth.) Enroth
扁萼苔属 <i>Cladoradula</i> (Spruce) M. A. M. Renner, Gradst., Ilk.-Borg. & F. R. Oliveira-da-Silva (Bryophyte, Radulaceae)	新属 New Genus	Bryophyte Diversity & Evolution 45(1): 95–118(105)	<i>Radula gottscheana</i> Spruce
方科毛蕨属 \times <i>Glaphyrocyclosorus</i> X. Wan & Li Bing Zhang (Pteridophyte, Thelypteridaceae)	新杂交属 New Nothogenus	Phytotaxa 575(1): 104–108(105)	\times <i>Glaphyrocyclosorus erubescuiolicus</i> (W. C. Shieh & J. L. Tsai) X. Wan & Li Bing Zhang
墨江菊属 <i>Mojiangia</i> Ze H. Wang, N. Kilian & H. Peng (Angiosperm, Asteraceae)	新属 New Genus	Plant Diversity 44: 83–93(88)	<i>Mojiangia oreophila</i> Ze H. Wang, N. Kilian & H. Peng
雪古拉芥属 <i>Pulvinatusia</i> J. P. Yue, H. L. Chen, Al-Shehbaz & H. Sun (Angiosperm, Brassicaceae)	新属 New Genus	PhytoKeys 189: 9–28(15)	<i>Pulvinatusia xuegulaensis</i> J. P. Yue, H. L. Chen, Al-Shehbaz & H. Sun
地莴笋花属 <i>Parahellenia</i> N. H. Xia, Juan Chen, L. Y. Zeng & S. Jin Zeng (Angiosperm, Costaceae)	新属 New Genus	Plant Diversity 44: 389–405(395)	<i>Parahellenia tonkinensis</i> (Gagnep.) Juan Chen, N. H. Xia, L. Y. Zeng & S. Jin Zeng
启明豆属 <i>Huchimingia</i> Z. Q. Song & Shi J. Li (Angiosperm, Fabaceae)	新属 New Genus	Phytotaxa 532(1): 37–56(46)	<i>Huchimingia ichthyochtona</i> (Drake) Z. Q. Song
毛血藤属 <i>Villosocallerya</i> L. Duan, J. Compton & Schrire (Angiosperm, Fabaceae)	新属 New Genus	Molecular Phylogenetics and Evolution 163(107235): 1–15(11) [published in 2021.6.17]	<i>Villosocallerya bonatiana</i> (Pamp.) L. Duan, J. Compton & Schrire
辐冠苣苔属 <i>Actinostephanus</i> F. Wen, Y. G. Wei & L. F. Fu (Angiosperm, Gesneriaceae)	新属 New Genus	PhytoKeys 193: 89–106 (95)	<i>Actinostephanus enpingensis</i> F. Wen, Y. G. Wei & Z. B. Xin
云锦香属 <i>Nephoanthus</i> C. W. Lin & T. C. Hsu (Angiosperm, Melastomataceae)	新属 New Genus	Phytotaxa 547(1): 66–76(67)	<i>Phyllagathis prostrata</i> Hansen
蒙自兰属 <i>Mengzia</i> W. C. Huang, Z. J. Liu & C. Hu (Angiosperm, Orchidaceae)	新属 New Genus	Molecular Phylogenetics and Evolution 167(107362): 1–8(6) [published in 2021.11.11]	<i>Mengzia foliosa</i> (King & Pantl.) W. C. Huang, Z. J. Liu & C. Hu
丝茎毛茛组 <i>Ranunculus</i> sect. <i>Nematocladium</i> W. T. Wang (Angiosperm, Ranunculaceae)	新组 New Section	Guihaia 42(1): 1–9 (5)	<i>Ranunculus filistoloniifer</i> W. T. Wang

附录3 2022年发表中国植物5个分类群以上的科及所包含的类群

Appendix 3 Families of more than five new taxa described from China in 2022 and the taxa included

科 Family	新分类群数量 No. of new taxa	包含类群 Contains taxa
苦苣苔科 Gentianaceae	28 种, 1 亚种 28 species, 1 subspecies	<i>Actinostephanus enpingensis</i> F. Wen, Y. G. Wei & Z. B. Xin <i>Didymocarpus cordifolius</i> P. W. Li & Li H. Yang <i>Gentiana susanneae</i> Adr. Favre <i>Hemiboea kaiyangensis</i> T. Peng & S. Z. He <i>Hemiboea shimentaiensis</i> S. Y. Miao, Y. Q. Li & Tao Chen bis <i>Henckelia medogensis</i> W. G. Wang, J. Y. Shen & F. Wen <i>Lysionotus metuoensis</i> W. T. Wang subsp. <i>arunachalensis</i> Chowlu & G. Krishna <i>Oreocharis guangwushanensis</i> Z. L. Li & Xin Hong <i>Oreocharis hainanensis</i> S. J. Ling & M. X. Ren <i>Oreocharis polyneura</i> Y. H. Tan, F. Wen & Y. X. Gong <i>Oreocharis qianyuensis</i> Lei Cai, Jia W. Yang & Qiang Zhang <i>Oreocharis tianlinensis</i> R. C. Hu, W. B. Xu & Y. Feng Huang <i>Oreocharis xieyongii</i> T. Deng, D. G. Zhang & H. Sun <i>Petrocodon asterostriatus</i> F. Wen, Y. G. Wei & W. C. Chou <i>Petrocosmea dejiangensis</i> Sheng H. Tang & Jian Xu <i>Petrocosmea hsiwenii</i> Lei Cai, J. D. Ya & J. Cai <i>Petrocosmea panzhouensis</i> Sheng H. Tang & T. Peng <i>Petrocosmea purpureomaculata</i> M. Q. Han, J. Cai & J. D. Ya <i>Petrocosmea wui</i> M. Q. Han, J. Cai & J. D. Ya <i>Primulina fangdingii</i> B. M. Wang, B. Pan & B. D. Lai <i>Primulina gracilipes</i> X. L. Yu & A. Liu <i>Primulina nana</i> C. Xiong, W. C. Chou & F. Wen <i>Primulina pingleensis</i> Ying Qin & Yan Liu <i>Primulina rufipes</i> Y. L. Su, P. Yang & Yan Liu <i>Primulina shaowuensis</i> X. X. Su, Liang Ma & S. P. Chen <i>Raphiocarpus sinovietnamicus</i> Z. B. Xin, L. X. Yuan & T. V. Do <i>Scutellaria jishouensis</i> G. X. Chen, L. Tan & X. M. Xiang <i>Whytockia arunachalensis</i> Taram, D. Borah & Tag <i>Whytockia minxiensis</i> B. J. Ye & S. P. Chen
兰科 Orchidaceae	20 种, 3 杂交种, 3 变型 20 species, 3 nothospecies, 3 forms	<i>Amitostigma kaiyangense</i> S. Z. He & Yong Wang <i>Bulbophyllum × omerumbellatum</i> T. P. Lin <i>Bulbophyllum contortum</i> Z. Zhou, P. Y. Wu & Z. J. Liu <i>Bulbophyllum cryptomeriicola</i> T. P. Lin & S. K. Yu <i>Bulbophyllum guniuense</i> W. Y. Ni & J. W. Shao <i>Chamaegastrodia guidongensis</i> L. Wu, H. Z. Tian & C. Z. Huang <i>Cymbidium × shangrilaense</i> S. J. Ke, Qing H. Zhang & S. R. Lan <i>Cymbidium purpureisepalum</i> M. J. Zhu & S. R. Lan <i>Danxiaorchis mangdangshanensis</i> Q. S. Huang, Miao Zhang, B. Hua Chen & Wang Wu <i>Gastrochilus heminii</i> M. Liao, Bo Xu bis & Yue H. Cheng <i>Gastrochilus wolongensis</i> Jun Y. Zhang, Bo Xu bis & Y. Hong Cheng <i>Gastrochilus xizangensis</i> W. S. Chen, M. Lei & Xi L. Wang <i>Goodyera medogensis</i> H. Z. Tian, Y. H. Tong & B. M. Wang <i>Hemipilia avisoides</i> Ying Tang, Xue Man Wang & H. Peng <i>Hemipilia yajiangensis</i> G. W. Hu, Jia X. Yang & Q. F. Wang <i>Hermidium gongshanense</i> X. H. Jin, A. Schuit. & C. Ye <i>Holcoglossum × kunmingense</i> D. K. Zhao, Ze Zhang & Rui B. Wang <i>Holcoglossum tsii</i> T. Yukawa f. <i>wangliangii</i> O. Gruss & Z. D. Han <i>Liparis macrosepala</i> Zheng W. Wang, Yi Zhang bis & W. C. Huang <i>Paphiopedilum micranthum</i> Tang & F. T. Wang f. <i>singchianum</i> O. Gruss, Z. D. Han & Liang Wang <i>Phaius malipoensis</i> D. M. Kong & W. H. Rao <i>Phalaenopsis medogensis</i> X. H. Jin & C. B. Ma <i>Phalaenopsis tengchongensis</i> Z. J. Liu, S. R. Lan & O. Gruss

科 Family	新分类群数量 No. of new taxa	包含类群 Contains taxa
		<i>Phalaenopsis wilsonii</i> Rolfe f. <i>sinoviride</i> Z. J. Liu & O. Gruss <i>Ponerorchis wolongensis</i> G. W. Hu, Yue H. Cheng & Q. F. Wang <i>Schoenorchis mishmensis</i> K. Gogoi, Mega & Chowlu
菊科 Asteraceae	17 种 17 species	<i>Artemisia calcicola</i> X. Qiang Guo & Long Wang <i>Artemisia lanaticapitula</i> X. F. Jin, Z. H. Chen & Y. F. Lu <i>Aster artemisiaodorum</i> X. X. Su, S. P. Chen & Liang Ma <i>Aster atropurpurea</i> W. P. Li & G. X. Chen <i>Aster quanzhouensis</i> M. Tang, G. J. Yan & W. P. Li <i>Blumea chishangensis</i> S. W. Chung, Zhi Hao Chen, S. H. Liu & W. J. Huang <i>Cirsium hupingshanicum</i> Z. C. Jin & Y. S. Chen <i>Cirsium sichuanense</i> Z. C. Jin & Y. S. Chen <i>Duhaldea lachnocephala</i> Huan C. Wang & Feng Yang <i>Ligularia monocephala</i> Long Wang <i>Ligularia pseudolamarum</i> Long Wang & X. Qiang Guo <i>Mojiangia oreophila</i> Ze H. Wang, N. Kilian & H. Peng <i>Saussurea khunjerabensis</i> Y. S. Chen <i>Sinosenecio jiuzhaigouensis</i> B. Chen, Ying Liu & Q. E. Yang <i>Sinosenecio yangii</i> D. G. Zhang & Q. Zhou <i>Synotis nyalamensis</i> M. Tang, C. Ren, Y. S. Chen & Q. E. Yang <i>Vicoa anisopappoides</i> Anderb. & Bengtson
毛茛科 Ranunculaceae	11 种, 1 变种 11 species, 1 variety	<i>Aconitum ludingense</i> W. T. Wang <i>Colubrina zhaoguangii</i> J. Hu & Yi Yang <i>Coptis huanjiangensis</i> Lu Q. Huang, Q. J. Yuan & Yi H. Wang <i>Pulsatilla saxatilis</i> Liang Xu & T. G. Kang <i>Ranunculus filistolonifer</i> W. T. Wang <i>Ranunculus ludingensis</i> W. T. Wang <i>Ranunculus nephelogenes</i> Edgew. var. <i>furcatilobatus</i> W. T. Wang <i>Ranunculus perdissectus</i> W. T. Wang <i>Ranunculus shimianensis</i> W. T. Wang <i>Ranunculus tenuifurcatus</i> W. T. Wang <i>Thalictrum hengduanshanense</i> Y. P. Zeng, Q. Yuan & Q. E. Yang <i>Thalictrum longistipitatum</i> Y. P. Zeng, Q. Yuan & Q. E. Yang <i>Thalictrum stenanthum</i> W. T. Wang
报春花科 Primulaceae	10 种 10 species	<i>Androsace chimingiana</i> Y. Xu & G. Hao <i>Lysimachia coriacea</i> S. R. Yi & H. F. Yan <i>Lysimachia sedoides</i> W. B. Xu, C. Y. Zou & B. Pan <i>Primula chishuiensis</i> C. M. Hu, G. Hao & Y. Xu <i>Primula longipilosa</i> Ze H. Wang & H. Peng <i>Primula surculosa</i> Y. Xu & G. Hao <i>Primula tsaiiana</i> G. Hao & Y. Xu <i>Primula wannanensis</i> Xiao He & J. W. Shao <i>Primula xinningensis</i> Wei Zhang bis & J. W. Shao <i>Primula zhexiensis</i> Xiao He & J. W. Shao
鳞毛蕨科 Dryopteridaceae	9 种 9 species	<i>Dryopteris gaoligongensis</i> Z. Y. Zuo, J. Mei Lu & D. Z. Li <i>Dryopteris sukungiana</i> Z. Y. Zuo <i>Polystichum gonggashanense</i> H. S. Kung & Li Bing Zhang ex H. He & Li Bing Zhang <i>Polystichum jipingense</i> Z. L. Liang, Liang Zhang & Li Bing Zhang <i>Polystichum neocavernicola</i> Y. Y. Liang & Li Bing Zhang <i>Polystichum paramartini</i> R. H. Jiang & X. C. Zhang <i>Polystichum subanceolatum</i> R. H. Jiang & X. C. Zhang <i>Polystichum suiyangense</i> Bo Wang, Q. W. Sun & Li Bing Zhang <i>Polystichum venosum</i> R. H. Jiang & X. C. Zhang
凤仙花科 Balsaminaceae	8 种, 2 变种 8 species, 2 varieties	<i>Impatiens bijieensis</i> X. X. Bai & L. Y. Ren <i>Impatiens chenmou</i> Zheng W. Wang, Xiao C. Li & Qi Wang bis <i>Impatiens jurpia</i> Buch.-Ham. ex Hook. f. & Thomson var. <i>ravikumariana</i> U. L. Tiwari <i>Impatiens liupanshuiensis</i> X. X. Bai & T. H. Yuan

科 Family	新分类群数量 No. of new taxa	包含类群 Contains taxa
		<i>Impatiens longyangensis</i> Y. Y. Cong, G. W. Hu & S. Peng <i>Impatiens nushanensis</i> Z. Wang, P. P. Wu & S. X. Yu <i>Impatiens pasighatensis</i> D. Borah, R. Kr. Singh & Taram <i>Impatiens piufanensis</i> Hook. f. var. <i>villosa</i> G. W. Hu, S. X. Ding & S. Peng <i>Impatiens yaojiapingensis</i> Y. Y. Cong, G. W. Hu & T. Hu <i>Impatiens yunlingensis</i> S. X. Yu, Chang Y. Xia & Jiang H. Yu
秋海棠科 Begoniaceae	8 种 8 species	<i>Begonia atrofusca</i> Wahlsteen & D. Borah <i>Begonia dalaiensis</i> B. Das, J. Saikia & D. Banik <i>Begonia erythrofolia</i> Lei Cai, D. M. He & W. G. Wang <i>Begonia longlingensis</i> Y. H. Tan & H. B. Ding <i>Begonia lorentzonii</i> Wahlsteen & D. Borah <i>Begonia markiana</i> Taram, Wahlsteen & D. Borah <i>Begonia parvibracteata</i> X. X. Feng, R. K. Li & Z. X. Liu <i>Begonia rushforthii</i> Wahlsteen & D. Borah
夹竹桃科 Apocynaceae	8 种 8 species	<i>Ceropegia jilongensis</i> X. D. Ma & J. Y. Shen <i>Ceropegia luzhiensis</i> X. D. Ma & J. Y. Shen <i>Hoya longlingensis</i> E. F. Huang <i>Hoya sichuanensis</i> E. F. Huang <i>Pentasacme malipoense</i> C. Liu & Y. H. Tan <i>Pentasacme tubulosum</i> C. Liu, X. J. Hu & Y. H. Tan <i>Vincetoxicum junzifengense</i> B. J. Ye & S. P. Chen <i>Vincetoxicum pingtaoanum</i> Cai F. Zhang, G. W. Hu & Q. F. Wang
莎草科 Cyperaceae	7 种, 2 变种 7 species, 2 varieties	<i>Carex borealifujianica</i> Y. F. Lu & X. F. Jin <i>Carex brevihispida</i> X. F. Jin & Y. F. Lu <i>Carex huanjiangensis</i> S. Yun Liang ex Y. F. Lu & X. F. Jin <i>Carex liangiana</i> X. F. Jin & Y. F. Lu <i>Carex malipoensis</i> Yuan Y. Li & H. Peng <i>Carex paratatsiensis</i> Y. F. Lu & X. F. Jin <i>Carex puberuliutriculata</i> Y. F. Lu & X. F. Jin <i>Carex thibetica</i> Franch. var. <i>angustifolia</i> X. F. Jin & Y. F. Lu <i>Eleocharis pellucida</i> Presl var. <i>yongkangensis</i> Y. F. Lu, W. Y. Xie & X. F. Jin
蔷薇科 Rosaceae	7 种, 1 变型 7 species, 1 form	<i>Cerasus schneideriana</i> (Koehne) T. T. Yu & C. L. Li f. <i>pleiopetala</i> J. P. Li, S. J. Ying & Yan F. Wang <i>Cotoneaster gonggashanensis</i> J. Fryer & B. Hylmö <i>Eriobotrya crassifolia</i> Q. Fan, Su F. Chen & K. K. Meng <i>Prunus wangii</i> Q. L. Gan, Z. Yu Li & S. Z. Xu <i>Prunus yunkaishanensis</i> B. H. Wu, W. Y. Zhao & W. B. Liao <i>Rosa tomurensis</i> L. Luo, C. Yu & Q. X. Zhang <i>Rubus dianchuanensis</i> Huan C. Wang & Q. P. Wang <i>Rubus jiulongshanensis</i> Z. H. Chen, W. Y. Xie & Z. H. Zheng
卷柏科 Selaginellaceae	7 种 7 species	<i>Selaginella obovata</i> S. Y. Dong <i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao <i>Selaginella parachrysocaulos</i> M. H. Zhang & X. C. Zhang <i>Selaginella subeffusa</i> Shalimov & X. C. Zhang <i>Selaginella submonospora</i> Shalimov & X. C. Zhang <i>Selaginella wuyishanensis</i> K. W. Xu, X. M. Zhou & Yi F. Duan <i>Selaginella zhangii</i> S. Y. Dong
唇形科 Lamiaceae	7 种 7 species	<i>Elsholtzia zhongyangii</i> P. Li & X. J. Jin <i>Paraphlomis hsiwenii</i> Y. P. Chen & Xiong Li <i>Paraphlomis jinggangshanensis</i> Boufford, W. B. Liao & W. Y. Zhao <i>Paraphlomis longicalyx</i> Y. P. Chen & C. L. Xiang <i>Paraphlomis nana</i> Y. P. Chen, C. Xiong & C. L. Xiang <i>Paraphlomis strictiflora</i> J. C. Yuan, B. Chen & C. L. Xiang <i>Pogostemon hainanensis</i> L. X. Yuan & Gang Yao
小檗科 Berberidaceae	7 种 7 species	<i>Berberis chinduensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis degexianensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu

科 Family	新分类群数量 No. of new taxa	包含类群 Contains taxa
		<i>Berberis jiajinshanensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis jinwu</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis litangensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis longquensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis riparia</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu
石蒜科 Amaryllidaceae	6 种, 1 杂交种 6 species, 1 nothospecies	<i>Allium heterophyllum</i> D. F. Xie & X. J. He <i>Allium jichouense</i> X. G. Ma, H. Sun & D. Q. Huang <i>Allium tsinlingense</i> L. L. Xun & P. L. Liu <i>Lycoris × jinzheniae</i> S. Y. Zhang, P. C. Zhang & J. W. Shao <i>Lycoris chunxiaensis</i> Q. Z. Li, Z. G. Li & You M. Cai <i>Lycoris insularis</i> S. Y. Zhang & J. W. Shao <i>Lycoris longifolia</i> L. H. Lou
天门冬科 Asparagaceae	6 种 6 species	<i>Aspidistra saccata</i> X. Y. Huang, Y. D. Peng & D. X. Nong <i>Liriope clavatifolia</i> Z. H. Chen, F. Chen & G. Y. Li <i>Polygonatum binatifolium</i> S. R. Yi & H. X. Zhu <i>Polygonatum praecox</i> Ying F. Hu & J. W. Shao <i>Rohdea grandiflora</i> H. Z. Feng & Q. X. Han <i>Rohdea medogensis</i> H. Z. Feng & Q. W. Lin
野牡丹科 Melastomataceae	5 种 5 species	<i>Bredia bullata</i> J. H. Dai & Ying Liu <i>Bredia bullata</i> S. Jin Zeng & N. H. Xia <i>Bredia enchengensis</i> J. H. Dai, Yan Liu & S. Y. Nong <i>Bredia nitida</i> J. H. Dai & Ying Liu <i>Fordiophyton tereticaule</i> S. Jin Zeng & N. H. Xia
景天科 Crassulaceae	5 种 5 species	<i>Rhodiola namlingensis</i> S. Y. Meng <i>Rhodiola wangii</i> S. Y. Meng <i>Rhodiola yushuensis</i> S. Y. Meng & Jun Zhang <i>Sedum triangulisepalum</i> T. S. Liu & N. J. Chung ex T. C. Hsu & S. W. Chung <i>Sinocrassula jiaozishanensis</i> Chao Chen, J. Guan Wang & Z. R. He
铁角蕨科 Aspleniaceae	5 种 5 species	<i>Asplenium danxiaense</i> K. W. Xu <i>Asplenium delinghaense</i> S. Q. Liang & X. C. Zhang <i>Asplenium jiulianshanense</i> K. W. Xu & G. L. Xu <i>Hymenasplenium obtusidentatum</i> Y. Fen Chang & G. Cheng Zhang <i>Hymenasplenium tholiforme</i> Liang Zhang, W. B. Ju & K. W. Xu
禾本科 Poaceae	4 种, 2 变种 4 species, 2 varieties	<i>Arundinella stenostachya</i> H. Peng & L. Q. Jiang <i>Bonia saxatilis</i> (L. C. Chia, H. L. Fung & Y. L. Yang) N. H. Xia var. <i>danxiaensis</i> Xing Li, J. B. Ni & Y. H. Tong <i>Chimonobambusa wumengensis</i> A. J. Cao, Ke Yang & Xin Hu <i>Phyllostachys hirtivagina</i> G. H. Lai var. <i>glabrivagina</i> G. H. Lai & J. J. Yue <i>Phyllostachys viridivagina</i> G. H. Lai & J. J. Yue <i>Stipa shanxiensis</i> B. Nie & W. Hao Zhang
茜草科 Rubiaceae	4 种, 1 变种 4 species, 1 variety	<i>Argostemma ehuangzhangense</i> H. G. Ye, Jia Liu & W. B. Liao <i>Hedyotis pubicaulis</i> M. D. Yuan & R. J. Wang <i>Ophiorrhiza medogensis</i> H. Li var. <i>shiyomiensis</i> Hareesh & M. Sabu <i>Spiradiclis elliptica</i> Y. M. Shui & W. H. Chen <i>Spiradiclis liboensis</i> L. Wu & W. J. Liu
全萼苔科 Gymnomitriaceae	4 种, 1 亚种 4 species, 1 subspecies	<i>Gymnomitrium blankae</i> Mamontov, Potemkin & Vilnet <i>Gymnomitrium rubidum</i> (Mitt.) Vána, Crand.-Stotl. & Stotler subsp. <i>subvittatum</i> Vilnet, Bakalin & D. G. Long <i>Gymnomitrium sichuanicum</i> Bakalin & Vilnet <i>Marsupella praetermissa</i> Bakalin & Vilnet <i>Marsupella taiwanica</i> Mamontov, Vilnet & Schäfer-Verw

附录4 2022年发表中国植物3个分类群以上的属及所包含的类群

Appendix 4 Genera of more than three new taxa described from China in 2022 and the taxa included

属 Genus	新分类群数量 No. of new taxa	包含类群 Contains taxa
凤仙花属 <i>Impatiens</i>	8 种, 2 变种 8 species, 2 varieties	<i>Impatiens bijieensis</i> X. X. Bai & L. Y. Ren <i>Impatiens chenmouii</i> Zheng W. Wang, Xiao C. Li & Qi Wang bis <i>Impatiens jurpia</i> Buch.-Ham. ex Hook. f. & Thomson var. <i>ravikumariana</i> U. L. Tiwari <i>Impatiens liupanshuiensis</i> X. X. Bai & T. H. Yuan <i>Impatiens longyangensis</i> Y. Y. Cong, G. W. Hu & S. Peng <i>Impatiens nushanensis</i> Z. Wang, P. P. Wu & S. X. Yu <i>Impatiens pasighatensis</i> D. Borah, R. Kr. Singh & Taram <i>Impatiens piufanensis</i> Hook. f. var. <i>villosa</i> G. W. Hu, S. X. Ding & S. Peng <i>Impatiens yaojiapingensis</i> Y. Y. Cong, G. W. Hu & T. Hu <i>Impatiens yunlingensis</i> S. X. Yu, Chang Y. Xia & Jiang H. Yu
秋海棠属 <i>Begonia</i>	8 种 8 species	<i>Begonia atrofusca</i> Wahlsteen & D. Borah <i>Begonia dalaiensis</i> B. Das, J. Saikia & D. Banik <i>Begonia erythrofolia</i> Lei Cai, D. M. He & W. G. Wang <i>Begonia longlingensis</i> Y. H. Tan & H. B. Ding <i>Begonia lorentzonii</i> Wahlsteen & D. Borah <i>Begonia markiana</i> Taram, Wahlsteen & D. Borah <i>Begonia parvibracteata</i> X. X. Feng, R. K. Li & Z. X. Liu <i>Begonia rushforthii</i> Wahlsteen & D. Borah
薹草属 <i>Carex</i>	7 种, 1 变种 7 species, 1 variety	<i>Carex borealifujianica</i> Y. F. Lu & X. F. Jin <i>Carex brevipispida</i> X. F. Jin & Y. F. Lu <i>Carex huanjiangensis</i> S. Yun Liang ex Y. F. Lu & X. F. Jin <i>Carex liangiana</i> X. F. Jin & Y. F. Lu <i>Carex malipoensis</i> Yuan Y. Li & H. Peng <i>Carex paratatsiensis</i> Y. F. Lu & X. F. Jin <i>Carex puberuliutriculata</i> Y. F. Lu & X. F. Jin <i>Carex thibetica</i> Franch. var. <i>angustifolia</i> X. F. Jin & Y. F. Lu
卷柏属 <i>Selaginella</i>	7 种 7 species	<i>Selaginella obovata</i> S. Y. Dong <i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao <i>Selaginella parachrysocaulos</i> M. H. Zhang & X. C. Zhang <i>Selaginella subeffusa</i> Shalimov & X. C. Zhang <i>Selaginella submonospora</i> Shalimov & X. C. Zhang <i>Selaginella wuyishanensis</i> K. W. Xu, X. M. Zhou & Yi F. Duan <i>Selaginella zhangii</i> S. Y. Dong
报春花属 <i>Primula</i>	7 种 7 species	<i>Primula chishuiensis</i> C. M. Hu, G. Hao & Y. Xu <i>Primula longipilosa</i> Ze H. Wang & H. Peng <i>Primula surculosa</i> Y. Xu & G. Hao <i>Primula tsaiiana</i> G. Hao & Y. Xu <i>Primula wannanensis</i> Xiao He & J. W. Shao <i>Primula xinningensis</i> Wei Zhang bis & J. W. Shao <i>Primula zhexiensis</i> Xiao He & J. W. Shao
耳蕨属 <i>Polystichum</i>	7 种 7 species	<i>Polystichum gonggashanense</i> H. S. Kung & Li Bing Zhang ex H. He & Li Bing Zhang <i>Polystichum jinpingense</i> Z. L. Liang, Liang Zhang & Li Bing Zhang <i>Polystichum neocavernicola</i> Y. Y. Liang & Li Bing Zhang <i>Polystichum paramartini</i> R. H. Jiang & X. C. Zhang <i>Polystichum sublaceolatum</i> R. H. Jiang & X. C. Zhang <i>Polystichum suiyangense</i> Bo Wang, Q. W. Sun & Li Bing Zhang <i>Polystichum venosum</i> R. H. Jiang & X. C. Zhang
小檗属 <i>Berberis</i>	7 种 7 species	<i>Berberis chinduensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis degexianensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis jiajinshanensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis jinwu</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis litangensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu <i>Berberis longquensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu

属 Genus	新分类群数量 No. of new taxa	包含类群 Contains taxa
		<i>Berberis riparia</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu
报春苣苔属 <i>Primulina</i>	6 种 6 species	<i>Primulina fangdingii</i> B. M. Wang, B. Pan & B. D. Lai <i>Primulina gracilipes</i> X. L. Yu & A. Liu <i>Primulina nana</i> C. Xiong, W. C. Chou & F. Wen <i>Primulina pingleensis</i> Ying Qin & Yan Liu <i>Primulina rufipes</i> Y. L. Su, P. Yang & Yan Liu <i>Primulina shaowuensis</i> X. X. Su, Liang Ma & S. P. Chen
马铃苣苔属 <i>Oreocharis</i>	6 种 6 species	<i>Oreocharis guangwushanensis</i> Z. L. Li & Xin Hong <i>Oreocharis hainanensis</i> S. J. Ling & M. X. Ren <i>Oreocharis polyneura</i> Y. H. Tan, F. Wen & Y. X. Gong <i>Oreocharis qianyuensis</i> Lei Cai, Jia W. Yang & Qiang Zhang <i>Oreocharis tianlinensis</i> R. C. Hu, W. B. Xu & Y. Feng Huang <i>Oreocharis xieyongii</i> T. Deng, D. G. Zhang & H. Sun
毛茛属 <i>Ranunculus</i>	5 种, 1 变种 5 species, 1 variety	<i>Ranunculus filistolonifer</i> W. T. Wang <i>Ranunculus ludingensis</i> W. T. Wang <i>Ranunculus nephelogenes</i> Edgew. var. <i>furcatilobatus</i> W. T. Wang <i>Ranunculus perdissectus</i> W. T. Wang <i>Ranunculus shimianensis</i> W. T. Wang <i>Ranunculus tenuifurcatus</i> W. T. Wang
石蝴蝶属 <i>Petrocosmea</i>	5 种 5 species	<i>Petrocosmea dejiangensis</i> Sheng H. Tang & Jian Xu <i>Petrocosmea hsiwenii</i> Lei Cai, J. D. Ya & J. Cai <i>Petrocosmea panzhouensis</i> Sheng H. Tang & T. Peng <i>Petrocosmea purpureomaculata</i> M. Q. Han, J. Cai & J. D. Ya <i>Petrocosmea wui</i> M. Q. Han, J. Cai & J. D. Ya
假糙苏属 <i>Paraphlomis</i>	5 种 5 species	<i>Paraphlomis hsiwenii</i> Y. P. Chen & Xiong Li <i>Paraphlomis jinggangshanensis</i> Boufford, W. B. Liao & W. Y. Zhao <i>Paraphlomis longicalyx</i> Y. P. Chen & C. L. Xiang <i>Paraphlomis nana</i> Y. P. Chen, C. Xiong & C. L. Xiang <i>Paraphlomis strictiflora</i> J. C. Yuan, B. Chen & C. L. Xiang
野海棠属 <i>Bredia</i>	4 种 4 species	<i>Bredia bullata</i> J. H. Dai & Ying Liu <i>Bredia bullata</i> S. Jin Zeng & N. H. Xia <i>Bredia enchengensis</i> J. H. Dai, Yan Liu & S. Y. Nong <i>Bredia nitida</i> J. H. Dai & Ying Liu
石蒜属 <i>Lycoris</i>	3 种, 1 杂交种 3 species, 1 nothospecies	<i>Lycoris × jinzhenniae</i> S. Y. Zhang, P. C. Zhang & J. W. Shao <i>Lycoris chunxiaensis</i> Q. Z. Li, Z. G. Li & You M. Cai <i>Lycoris longifolia</i> L. H. Lou <i>Lycoris insularis</i> S. Y. Zhang & J. W. Shao
石豆兰属 <i>Bulbophyllum</i>	3 种, 1 杂交种 3 species, 1 nothospecies	<i>Bulbophyllum × omerumbellatum</i> T. P. Lin <i>Bulbophyllum contortum</i> Z. Zhou, P. Y. Wu & Z. J. Liu <i>Bulbophyllum cryptomeriicola</i> T. P. Lin & S. K. Yu <i>Bulbophyllum guniuense</i> W. Y. Ni & J. W. Shao
唐松草属 <i>Thalictrum</i>	3 种 3 species	<i>Thalictrum hengduanshanense</i> Y. P. Zeng, Q. Yuan & Q. E. Yang <i>Thalictrum longistipitatum</i> Y. P. Zeng, Q. Yuan & Q. E. Yang <i>Thalictrum stenanthum</i> W. T. Wang
红景天属 <i>Rhodiola</i>	3 种 3 species	<i>Rhodiola namlingensis</i> S. Y. Meng <i>Rhodiola wangii</i> S. Y. Meng <i>Rhodiola yushuensis</i> S. Y. Meng & Jun Zhang
盆距兰属 <i>Gastrochilus</i>	3 种 3 species	<i>Gastrochilus heminii</i> M. Liao, Bo Xu bis & Yue H. Cheng <i>Gastrochilus wolongensis</i> Jun Y. Zhang, Bo Xu bis & Y. Hong Cheng <i>Gastrochilus xizangensis</i> W. S. Chen, M. Lei & Xi L. Wang
对齿藓属 <i>Didymodon</i>	3 种 3 species	<i>Didymodon sinicus</i> C. Feng & J. Kou <i>Didymodon heilongjiangensis</i> C. Feng & J. Kou <i>Didymodon manhanensis</i> C. Feng & J. Kou
紫菀属 <i>Aster</i>	3 种 3 species	<i>Aster artemisiaodorum</i> X. X. Su, S. P. Chen & Liang Ma <i>Aster atropurpurea</i> W. P. Li & G. X. Chen <i>Aster quanzhouensis</i> M. Tang, G. J. Yan & W. P. Li

属 Genus	新分类群数量 No. of new taxa	包含类群 Contains taxa
铁角蕨属 <i>Asplenium</i>	3 种 3 species	<i>Asplenium danxiaense</i> K. W. Xu <i>Asplenium jiulianshanense</i> K. W. Xu & G. L. Xu <i>Asplenium delinghaense</i> S. Q. Liang & X. C. Zhang
葱蒜属 <i>Allium</i>	3 种 3 species	<i>Allium heterophyllum</i> D. F. Xie & X. J. He <i>Allium jichouense</i> X. G. Ma, H. Sun & D. Q. Huang <i>Allium tsinlingense</i> L. L. Xun & P. L. Liu
蝴蝶兰属 <i>Phalaenopsis</i>	2 种, 1 变型 2 species, 1 form	<i>Phalaenopsis medogensis</i> X. H. Jin & C. B. Ma <i>Phalaenopsis tengchongensis</i> Z. J. Liu, S. R. Lan & O. Gruss <i>Phalaenopsis wilsonii</i> Rolfe f. <i>sinoviride</i> Z. J. Liu & O. Gruss
全萼苔属 <i>Gymnomitrium</i>	2 种, 1 亚种 2 species, 1 subspecies	<i>Gymnomitrium blankae</i> Mamontov, Potemkin & Vilnet <i>Gymnomitrium sichuanicum</i> Bakalin & Vilnet <i>Gymnomitrium rubidum</i> (Mitt.) Váňa, Crand.-Stotl. & Stotler subsp. <i>subvittatum</i> Vilnet, Bakalin & D. G. Long

附录5 2022年中国有新分类群和新记录物种发表的28个省级行政区的植物分布情况

Appendix 5 Distribution of new taxa and new record taxa published by 28 provinces in China in 2022

省份 Province	新分类群数量和新记录数量 No. of new taxa and record	包含类群 Contains taxa
云南 Yunnan	67 种, 2 杂交种, 1 亚种, 1 变种, 2 变型, 11 新记录 67 species, 2 nothospecies, 1 subspecies, 1 variety, 2 forms, 11 new records	<p><i>Amomum pauciflorum</i> Baker [New Record] [Ximeng]</p> <p><i>Androsace chimingiana</i> Y. Xu & G. Hao [New Species] [Dali]</p> <p><i>Arundinella stenostachya</i> H. Peng & L. Q. Jiang [New Species] [Malipo]</p> <p><i>Begonia erythrofolia</i> Lei Cai, D. M. He & W. G. Wang [New Species] [Wenshan]</p> <p><i>Begonia longlingensis</i> Y. H. Tan & H. B. Ding [New Species] [Longling]</p> <p><i>Begonia parvuliflora</i> A. DC. [New Record] [Menglian]</p> <p><i>Bredia bullata</i> J. H. Dai & Ying Liu [New Species] [Malipo]</p> <p><i>Bredia bullata</i> S. Jin Zeng & N. H. Xia [New Species] [Malipo]</p> <p><i>Bredia nitida</i> J. H. Dai & Ying Liu [New Species] [Hekou]</p> <p><i>Breynia hiemalis</i> Huan C. Wang & Feng Yang [New Species] [Yuanjiang]</p> <p><i>Breynia pseudorostrata</i> Huan C. Wang & Feng Yang [New Species] [Eshan]</p> <p><i>Bulbophyllum contortum</i> Z. Zhou, P. Y. Wu & Z. J. Liu [New Species] [Zhenyuan]</p> <p><i>Bulbophyllum lemniscatum</i> C. S. P. Parish ex Hook. f. [New Record] [Zhenyuan]</p> <p><i>Campanula luzhijiangensis</i> Huan C. Wang & T. T. Wang [New Species] [Yimen]</p> <p><i>Carex malipoensis</i> Yuan Y. Li & H. Peng [New Species] [Malipo]</p> <p><i>Ceropegia luzhiensis</i> X. D. Ma & J. Y. Shen [New Species] [Yimen]</p> <p><i>Chimonobambusa wumengensis</i> A. J. Cao, Ke Yang & Xin Hu [New Species] [Yiliang]</p> <p><i>Colocasia spongifolia</i> P. J. Matthews, V. D. Nguyen, Q. Fang & C. L. Long [New Species] [Mengla]</p> <p><i>Cymbidium</i> × <i>shangrilaense</i> S. J. Ke, Qing H. Zhang & S. R. Lan [New Nothospecies] [Shangrila]</p> <p><i>Cymbidium purpureisepalum</i> M. J. Zhu & S. R. Lan [New Species] [Wenshan]</p> <p><i>Desmodium uncinatum</i> (Jacq.) DC. [New Record] <i>Didymocarpus cordifolius</i> P. W. Li & Li H. Yang [New Species] [Yuanyang]</p> <p><i>Didymodon sinicus</i> C. Feng & J. Kou [New Species] [Shilin]</p> <p><i>Dryopteris gaoligongensis</i> Z. Y. Zuo, J. Mei Lu & D. Z. Li [New Species] [Baoshan]</p> <p><i>Dryopteris sukungiana</i> Z. Y. Zuo [New Species] [Maguan]</p> <p><i>Duhaldea lachnocephala</i> Huan C. Wang & Feng Yang [New Species] [Yimen]</p> <p><i>Eriobotrya crassifolia</i> Q. Fan, Su F. Chen & K. K. Meng [New Species] [Malipo]</p> <p><i>Eupatorium capillifolium</i> (Lam.) Small ex Porter & Britton [New Record] [Jiannchuan]</p> <p><i>Euphorbia oblongata</i> Griseb. [New Record] [Chenggong]</p> <p><i>Ficus muricata</i> Zhen Zhang & Hong Qing Li [New Species] [Jingdong]</p> <p><i>Flemingia vestita</i> Benth. ex Baker [New Record] [Yanbian, Yongsheng]</p> <p><i>Fordiophyton tereticaule</i> S. Jin Zeng & N. H. Xia [New Species] [Malipo]</p> <p><i>Globba depingiana</i> Y. H. Tan & H. B. Ding [New Species] [Simao]</p> <p><i>Goniotalamus peduncularis</i> King & Prain [New Record] [Yingjiang]</p> <p><i>Goniotalamus sesquipedalis</i> Hook. f. & Thomson [New Record] [Yingjiang]</p> <p><i>Gymnomitrion blankae</i> Mamontov, Potemkin & Vilnet [New Species] [Luquan]</p> <p><i>Gymnomitrion rubidum</i> (Mitt.) Váňa, Crand.-Stotl. & Stotler subsp. <i>subvittatum</i> Vilnet, Bakalin & D. G. Long [New Subspecies] [Fugong]</p> <p><i>Hedyotis pubicaulis</i> M. D. Yuan & R. J. Wang [New Species] [Jinghong]</p> <p><i>Hemilophia cardiocarpa</i> Huan C. Wang, Shao Y. Liu & Z. T. Ren [New Species] [Dongchuan]</p> <p><i>Herminium gongshanense</i> X. H. Jin, A. Schuit. & C. Ye [New Species] [Gongshan]</p> <p><i>Holcoglossum</i> × <i>kunmingense</i> D. K. Zhao, Ze Zhang & Rui B. Wang [New Nothospecies] [Kunming]</p> <p><i>Hoya longlingensis</i> E. F. Huang [New Species] [Longling]</p> <p><i>Hymenasplenium obtusidentatum</i> Y. Fen Chang & G. Cheng Zhang [New Species] [Menghai]</p> <p><i>Impatiens chenmoui</i> Zheng W. Wang, Xiao C. Li & Qi Wang bis [New Species] [Mengla]</p> <p><i>Impatiens longyangensis</i> Y. Y. Cong, G. W. Hu & S. Peng [New Species] [Longyang]</p> <p><i>Impatiens nushanensis</i> Z. Wang, P. P. Wu & S. X. Yu [New Species] [Weixi]</p>

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
四川 Sichuan	38 种, 1 亚种, 1 变种, 1 变型, 2 新记录 38 species, 1 subspecies, 1 variety, 1 form, 2 new records	<i>Impatiens yaojiapingensis</i> Y. Y. Cong, G. W. Hu & T. Hu [New Species] [Lushui]
		<i>Impatiens yunlingensis</i> S. X. Yu, Chang Y. Xia & Jiang H. Yu [New Species] [Deqin]
		<i>Indigofera vallicola</i> Huan C. Wang & Jin L. Liu [New Species] [Yimen]
		<i>Liparis macrosepala</i> Zheng W. Wang, Yi Zhang bis & W. C. Huang [New Species] [Mengla]
		<i>Marsupella praetermissa</i> Bakalin & Vilnet [New Species] [Gongshan]
		<i>Mojiangia oreophila</i> Ze H. Wang, N. Kilian & H. Peng [New Species]
		<i>Oreocharis polyneura</i> Y. H. Tan, F. Wen & Y. X. Gong [New Species] [Lancang]
		<i>Paphiopedilum micranthum</i> Tang & F. T. Wang f. <i>singchianum</i> O. Gruss, Z. D. Han & Liang Wang [New Form] [Wenshan]
		<i>Parahellenia malipoensis</i> Juan Chen, L. Y. Zeng, S. Jin Zeng & N. H. Xia [New Species] [Malipo]
		<i>Parahellenia yunnanensis</i> S. Jin Zeng, N. H. Xia, L. Y. Zeng & Juan Chen [New Species] [Ximeng]
		<i>Pentasacme malipoense</i> C. Liu & Y. H. Tan [New Species] [Malipo]
		<i>Pentasacme tubulosum</i> C. Liu, X. J. Hu & Y. H. Tan [New Species] [Mojiang]
		<i>Petrocosmea hsiwenii</i> Lei Cai, J. D. Ya & J. Cai [New Species] [Jinping]
		<i>Petrocosmea purpureomaculata</i> M. Q. Han, J. Cai & J. D. Ya [New Species] [Jinping]
		<i>Petrocosmea wui</i> M. Q. Han, J. Cai & J. D. Ya [New Species] [Eshan]
		<i>Phaius malipoensis</i> D. M. Kong & W. H. Rao [New Species] [Malipo]
		<i>Phalaenopsis tengchongensis</i> Z. J. Liu, S. R. Lan & O. Gruss [New Species] [Tengchong]
		<i>Phalaenopsis wilsonii</i> Rolfe f. <i>sinoviride</i> Z. J. Liu & O. Gruss [New Form] [Malipo]
		<i>Phlegmariurus yunfengii</i> R. H. Jiang & X. C. Zhang [New Species] [Funing]
		<i>Piper puerense</i> C. Y. Hao & F. Su [New Species] [Simao]
		<i>Polystichum jinpingense</i> Z. L. Liang, Liang Zhang & Li Bing Zhang [New Species] [Jinping]
		<i>Primula longipilosa</i> Ze H. Wang & H. Peng [New Species] [Gengma]
		<i>Primula surculosa</i> Y. Xu & G. Hao [New Species] [Wenshan]
		<i>Primula tsaiana</i> G. Hao & Y. Xu [New Species] [Lüchun]
		<i>Ranunculus nephelogenes</i> Edgew. var. <i>furcatilobatus</i> W. T. Wang [New Variety] [Jiulong]
		<i>Rubus dianchuanensis</i> Huan C. Wang & Q. P. Wang [New Species] [Muli]
		<i>Selaginella obovata</i> S. Y. Dong [New Species] [Yuanyang]
		<i>Selaginella subeffusa</i> Shalimov & X. C. Zhang [New Species] [Hekou]
		<i>Selaginella submonospora</i> Shalimov & X. C. Zhang [New Species] [Gongshan]
		<i>Selaginella zhangii</i> S. Y. Dong [New Species] [Pingbian]
		<i>Sinocrassula jiaozishanensis</i> Chao Chen, J. Guan Wang & Z. R. He [New Species] [Dongchuan]
		<i>Spiradiclis elliptica</i> Y. M. Shui & W. H. Chen [New Species] [Hekou]
		<i>Taeniophyllum biocellatum</i> J. J. Sm. [New Record] [Menghai]
		<i>Tectaria fungii</i> S. Y. Dong [New Species] [Lingshui]
		<i>Teyleria barbata</i> (Craib) J. A. Lackey ex Maesen [New Record]
		<i>Thalictrum hengduanshanense</i> Y. P. Zeng, Q. Yuan & Q. E. Yang [New Species] [Deqin]
		<i>Thalictrum longistipitatum</i> Y. P. Zeng, Q. Yuan & Q. E. Yang [New Species] [Deqin]
		<i>Vicoa anisopappoides</i> Anderb. & Bengtson [New Species] [Honghe]
		<i>Aconitum ludingense</i> W. T. Wang [New Species] [Luding]
		<i>Allium jichouense</i> X. G. Ma, H. Sun & D. Q. Huang [New Species] [Jiulong]
		<i>Berberis degexianensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Dege]
		<i>Berberis jiajinshanensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Xiaojin]
		<i>Berberis jinwu</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Baoxing]
		<i>Berberis litangensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Litang]
		<i>Berberis riparia</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Baiyu]
		<i>Carex liangiana</i> X. F. Jin & Y. F. Lu [New Species] [Kangding]
		<i>Carex puberuliutriculata</i> Y. F. Lu & X. F. Jin [New Species] [Baoxing]
		<i>Cirsium sichuanense</i> Z. C. Jin & Y. S. Chen [New Species] [Dayi]
		<i>Colubrina zhaoguangii</i> J. Hu & Yi Yang [New Species] [Derong]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
西藏 Xizang	35 种, 1 亚种, 2 变种, 19 新记录 35 species, 1 subspecies, 2 varieties, 19 new records	<i>Cotoneaster gonggashanensis</i> J. Fryer & B. Hylmö [New Species] [unclear]
		<i>Elsholtzia zhongyangii</i> P. Li & X. J. Jin [New Species] [Yajiang]
		<i>Flemingia vestita</i> Benth. ex Baker [New Record] [Yanbian, Yongsheng]
		<i>Gastrochilus heminii</i> M. Liao, Bo Xu bis & Yue H. Cheng [New Species] [Wenchuan]
		<i>Gastrochilus wolongensis</i> Jun Y. Zhang, Bo Xu bis & Y. Hong Cheng [New Species] [Wenchuan]
		<i>Gentiana susanneae</i> Adr. Favre [New Species] [Batang]
		<i>Gymnomitrion sichuanicum</i> Bakalin & Vilnet [New Species] [Kangding]
		<i>Hemipilia avisoides</i> Ying Tang, Xue Man Wang & H. Peng [New Species] [Songpan]
		<i>Hemipilia yajiangensis</i> G. W. Hu, Jia X. Yang & Q. F. Wang [New Species] [Yajiang]
		<i>Holcoglossum tsii</i> T. Yukawa f. <i>wangliangii</i> O. Gruss & Z. D. Han [New Form] [Panzhihua]
		<i>Hoya sichuanensis</i> E. F. Huang [New Species] [Yucheng]
		<i>Kailashia bouffordii</i> Kljuykov & Lavrova [New Species] [Gyamda]
		<i>Lycoris longifolia</i> L. H. Lou [New Species] [Yucheng]
		<i>Meconopsis wanbaensis</i> Tosh. Yoshida subsp. <i>undulatissima</i> D. W. H. Rankin [New Subspecies] [Muli]
		<i>Oreocharis guangwushanensis</i> Z. L. Li & Xin Hong [New Species] [Nanjiang]
		<i>Orthotrichum tortifolium</i> Lewinsky [New Record] [Jiulong]
		<i>Polystichum gonggashanense</i> H. S. Kung & Li Bing Zhang ex H. He & Li Bing Zhang [New Species] [Luding]
		<i>Ponerorchis wolongensis</i> G. W. Hu, Yue H. Cheng & Q. F. Wang [New Species] [Wenchuan]
		<i>Pseudohygrohypnum orientale</i> Fedosov & Ignatova [New Species] [Maerkang]
		<i>Ranunculus filistolonifer</i> W. T. Wang [New Species] [Shimian]
		<i>Ranunculus ludingensis</i> W. T. Wang [New Species] [Luding]
		<i>Ranunculus nephelogenes</i> Edgew. var. <i>furcatilobatus</i> W. T. Wang [New Variety] [Jiulong]
		<i>Ranunculus perdissectus</i> W. T. Wang [New Species] [Kangding]
		<i>Ranunculus shimianensis</i> W. T. Wang [New Species] [Shimian]
		<i>Ranunculus tenuifurcatus</i> W. T. Wang [New Species] [Kangding]
		<i>Riccia subcrinita</i> You L. Xiang & R. L. Zhu [New Species] [Kangding]
		<i>Rohdea grandiflora</i> H. Z. Feng & Q. X. Han [New Species] [Kangxian]
		<i>Rubus dianchuanensis</i> Huan C. Wang & Q. P. Wang [New Species] [Muli]
		<i>Selaginella parachrysocaulos</i> M. H. Zhang & X. C. Zhang [New Species] [Miyi]
		<i>Sinocarum muliense</i> L. J. Gui, Yan P. Xiao & X. J. He [New Species] [Muli]
		<i>Sinosenecio jiuzhaigouensis</i> B. Chen, Ying Liu & Q. E. Yang [New Species] [Jiuzhaigou]
		<i>Thalictrum stenanthum</i> W. T. Wang [New Species] [Jiulong]
		<i>Agapetes huangiana</i> Bin Yang, Y. H. Tan & Y. H. Tong [New Species] [Mêdog]
		<i>Aristolochia rethya</i> Kashung, Barman & Gajurel [New Species] [Cona]
		<i>Athyrium aberrans</i> Liang Zhang & Li Bing Zhang [New Species] [Mêdog]
		<i>Begonia annulata</i> K. Koch [New Record] [Mêdog]
		<i>Begonia atrofusca</i> Wahlsteen & D. Borah [New Species] [Mêdog]
		<i>Begonia dalaiensis</i> B. Das, J. Saikia & D. Banik [New Species] [Mêdog]
		<i>Begonia lorentzonii</i> Wahlsteen & D. Borah [New Species] [Mêdog]
		<i>Begonia markiana</i> Taram, Wahlsteen & D. Borah [New Species] [Mêdog]
		<i>Begonia rushforthii</i> Wahlsteen & D. Borah [New Species] [Mêdog]
		<i>Bulbophyllum kingii</i> Hook. f. [New Record] [Mêdog]
		<i>Bulbophyllum pentaneurum</i> Seidenf. [New Record] [Mêdog]
		<i>Bulbophyllum sonii</i> Aver. & Duy [New Record] [Mêdog]
		<i>Carex paratatsiensis</i> Y. F. Lu & X. F. Jin [New Species] [Mêdog]
		<i>Ceropegia jilongensis</i> X. D. Ma & J. Y. Shen [New Species] [Gyichong]
		<i>Chenopodium grubovii</i> Lomon. & Uotila [New Species]
		<i>Christolea pterosperma</i> Al-Shehbaz [New Species]
		<i>Cissampelos convolvulacea</i> Willd. [New Record] [Gyichong, Nyalam]
		<i>Cortiella yatungense</i> J. J. Deng, C. Peng & X. J. He [New Species] [Yatung]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
		<i>Eskemukerjea megacarpum</i> (H. Hara) H. Hara [New Record] [Mêdog]
		<i>Ficus motuoensis</i> Zhen Zhang & Hong Qing Li [New Species] [Mêdog]
		<i>Gastrochilus setosus</i> Aver. & Vuong [New Record] [Dinggyê]
		<i>Gastrochilus xizangensis</i> W. S. Chen, M. Lei & Xi L. Wang [New Species] [Cona]
		<i>Goodyera medogensis</i> H. Z. Tian, Y. H. Tong & B. M. Wang [New Species] [Mêdog]
		<i>Hedychium ellipticum</i> Buch.-Ham. ex Sm. [New Record] [Gyichong]
		<i>Henckelia medogensis</i> W. G. Wang, J. Y. Shen & F. Wen [New Species] [Mêdog]
		<i>Herminium edgeworthii</i> (Hook. f. ex Collett) X. H. Jin, Schuit., Raskoti & Lu Q. Huang [New Record] [Gyichong]
		<i>Hodgsonia tsaii</i> J. Y. Shen, X. D. Ma, W. G. Wang & B. Pan bis [New Species] [Mêdog]
		<i>Hymenasplenium tholiforme</i> Liang Zhang, W. B. Ju & K. W. Xu [New Species] [Mêdog]
		<i>Impatiens jurpia</i> Buch.-Ham. ex Hook. f. & Thomson var. <i>ravikumariana</i> U. L. Tiwari [New Variety] [Cona]
		<i>Impatiens pasighatensis</i> D. Borah, R. Kr. Singh & Taram [New Species] [Cona]
		<i>Kailashia bouffordii</i> Kljuykov & Lavrova [New Species] [Gyamda]
		<i>Ligularia pseudolamarum</i> Long Wang & X. Qiang Guo [New Species] [Nyingchi]
		<i>Luisia zeylanica</i> Lindl. [New Record] [Mêdog]
		<i>Lysionotus metuoensis</i> W. T. Wang subsp. <i>arunachalensis</i> Chowlu & G. Krishna [New Subspecies] [Cona]
		<i>Marsdenia roylei</i> Wight [New Record] [Gyichong]
		<i>Meconopsis dhwojii</i> G. Taylor [New Record] [Nyalam]
		<i>Ophiorrhiza medogensis</i> H. Li var. <i>shiyomiensis</i> Hareesh & M. Sabu [New Variety] [Nang]
		<i>Ozobryum ogalalense</i> G. L. Merr. [New Record] [Qamdo]
		<i>Passiflora napalensis</i> Wall. [New Record] [Nyalam]
		<i>Phalaenopsis medogensis</i> X. H. Jin & C. B. Ma [New Species] [Mêdog]
		<i>Pohlia tibetana</i> Xiao R. Wang & X. M. Shao [New Species] [Linshi]
		<i>Pulvinatusia xuegulaensis</i> J. P. Yue, H. L. Chen, Al-Shehbaz & H. Sun [New Species] [Nyêmo]
		<i>Ramudaria lamellicaulis</i> (D. K. Singh, S. Majumdar & D. Singh) D. K. Singh, S. Majumdar & D. Singh & Molinari [New Record] [Bomi]
		<i>Rhodiola namlingensis</i> S. Y. Meng [New Species] [Namling]
		<i>Rhodiola wangii</i> S. Y. Meng [New Species] [Lhünzê]
		<i>Rohdea medogensis</i> H. Z. Feng & Q. W. Lin [New Species] [Mêdog]
		<i>Roscoea brandisii</i> (King ex Baker) K. Schumann [New Record] [Dinggye]
		<i>Schoenorchis mishmensis</i> K. Gogoi, Mega & Chowlu [New Species] [Mêdog]
		<i>Silene holosteifolia</i> Bocquet & Chater [New Record] [Gyichong]
		<i>Sonerila khasiana</i> C. B. Clarke [New Record] [Nyalam]
		<i>Staurogyne arunachalensis</i> R. Kr. Singh, D. Borah & Yama [New Species] [Co'na]
		<i>Stellaria motuoensis</i> Meng Li & Y. F. Song [New Species] [Mêdog]
		<i>Stipa shanxiensis</i> B. Nie & W. Hao Zhang [New Species] [Kelan]
		<i>Synotis nyalamensis</i> M. Tang, C. Ren, Y. S. Chen & Q. E. Yang [New Species] [Nyalam]
		<i>Thalictrum hengduanshanense</i> Y. P. Zeng, Q. Yuan & Q. E. Yang [New Species] [Deqin]
		<i>Trachycarpus takil</i> Becc. [New Record] [Gyichong]
		<i>Whytockia arunachalensis</i> Taram, D. Borah & Tag [New Species] [Mêdog]
广西 Guangxi	35 种, 1 新记录 35 species, 1 new record	<i>Aspidistra saccata</i> X. Y. Huang, Y. D. Peng & D. X. Nong [New Species] [Daxin]
		<i>Begonia parvibracteata</i> X. X. Feng, R. K. Li & Z. X. Liu [New Species] [Longzhou]
		<i>Beilschmiedia weii</i> Y. S. Huang, H. M. Tan & Yan Liu [New Species] [Jinxiu]
		<i>Bhesa xieii</i> R. H. Jiang & J. C. An [New Species] [Dongxin]
		<i>Bredia enchengensis</i> J. H. Dai, Yan Liu & S. Y. Nong [New Species] [Daxin]
		<i>Camellia hainingii</i> S. X. Yang & Y. S. Huang [New Species] [Daxin]
		<i>Camellia piloflora</i> S. X. Yang [New Species] [Debao]
		<i>Carex brevispida</i> X. F. Jin & Y. F. Lu [New Species] [Youjiang]
		<i>Carex huanjiangensis</i> S. Yun Liang ex Y. F. Lu & X. F. Jin [New Species] [Huanjiang]
		<i>Coptis huanjiangensis</i> Lu Q. Huang, Q. J. Yuan & Yi H. Wang [New Species] [Huanjiang]
		<i>Elsholtzia griffithii</i> Hook. f. [New Record] [Huanjiang]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
贵州 Guizhou	24 种 24 species	<i>Hedyotis pubicaulis</i> M. D. Yuan & R. J. Wang [New Species] [Jinghong]
		<i>Iris calcicola</i> Z. C. Lu, Z. P. Huang & Yan Liu [New Species] [Rong'an]
		<i>Isotrema haimingii</i> Y. S. Huang & Yan Liu [New Species] [Jinxiu]
		<i>Lysimachia sedoides</i> W. B. Xu, C. Y. Zou & B. Pan [New Species] [Huanjiang]
		<i>Magnolia brunnescens</i> K. W. Luo & Xiong Li [New Species] [Tian'e]
		<i>Oreocharis tianlinensis</i> R. C. Hu, W. B. Xu & Y. Feng Huang [New Species] [Tianlin]
		<i>Paraphlomis hsiwenii</i> Y. P. Chen & Xiong Li [New Species] [Jingxi]
		<i>Paraphlomis longicalyx</i> Y. P. Chen & C. L. Xiang [New Species] [Huanjiang]
		<i>Petrocodon asterotriatus</i> F. Wen, Y. G. Wei & W. C. Chou [New Species] [Tiandeng]
		<i>Phlegmarius shingianus</i> R. H. Jiang & X. C. Zhang [New Species] [Shangsi]
		<i>Polystichum neocavernicola</i> Y. Y. Liang & Li Bing Zhang [New Species] [Tiandeng]
		<i>Polystichum sublancoelatum</i> R. H. Jiang & X. C. Zhang [New Species] [Quanzhou]
		<i>Polystichum venosum</i> R. H. Jiang & X. C. Zhang [New Species] [Huangjiang]
		<i>Primulina fangdingii</i> B. M. Wang, B. Pan & B. D. Lai [New Species] [Liucheng]
		<i>Primulina nana</i> C. Xiong, W. C. Chou & F. Wen [New Species] [Mengshan]
		<i>Primulina pingleensis</i> Ying Qin & Yan Liu [New Species] [Pingle]
		<i>Primulina rufipes</i> Y. L. Su, P. Yang & Yan Liu [New Species] [Yanshan]
		<i>Pteris pseudoamoena</i> D. M. Yang & R. Guo [New Species] [Longzhou]
		<i>Pteris trifoliolata</i> H. J. Wei [New Species] [Du'an]
		<i>Reevesia napoensis</i> H. Z. Feng & Y. Feng Huang [New Species] [Napo]
		<i>Rungia fangdingiana</i> Z. L. Lin, Y. F. Deng & Y. H. Tan [New Species] [Napo]
		<i>Saxifraga yangshuoensis</i> Hai L. Chen, W. B. Xu & Yan Liu [New Species] [Yangshuo]
		<i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao [New Species] [Renhua]
		<i>Thladiantha longipedicellata</i> Gao Xie, Ying Qin & Yan Liu [New Species] [Napo]
		<i>Vaccinium bangliangense</i> Y. S. Huang & Y. H. Tong [New Species] [Jingxi]
		<i>Amitostigma kaiyangense</i> S. Z. He & Yong Wang [New Species] [Kaiyang]
		<i>Artemisia calcicola</i> X. Qiang Guo & Long Wang [New Species] [Shibing]
		<i>Cinnamomum guizhouense</i> C. Y. Deng, Zhi Yang & Y. Yang [New Species] [Wangmo]
		<i>Gleadovia guizhouense</i> C. H. Yang & X. Y. Dai [New Species] [Tongzi]
		<i>Glochidion malingheense</i> C. Y. Deng & Gang Yao [New Species] [Xingyi]
		<i>Hemiboea kaiyangensis</i> T. Peng & S. Z. He [New Species] [Kaiyang]
		<i>Impatiens bijieensis</i> X. X. Bai & L. Y. Ren [New Species] [Hezhang]
		<i>Impatiens liupanshuiensis</i> X. X. Bai & T. H. Yuan [New Species] [Zhongshan]
		<i>Mitreola liuyanii</i> C. Liu & M. Q. Han [New Species] [Pingtang]
		<i>Oreocharis qianyuensis</i> Lei Cai, Jia W. Yang & Qiang Zhang [New Species] [Kaili, Pengshui]
		<i>Paraphlomis longicalyx</i> Y. P. Chen & C. L. Xiang [New Species] [Huanjiang]
		<i>Paraphlomis strictiflora</i> J. C. Yuan, B. Chen & C. L. Xiang [New Species] [Yinjiang]
		<i>Petrocosmea dejiangensis</i> Sheng H. Tang & Jian Xu [New Species] [Dejiang]
		<i>Petrocosmea panzhouensis</i> Sheng H. Tang & T. Peng [New Species] [Panzhou]
		<i>Polygonatum binatifolium</i> S. R. Yi & H. X. Zhu [New Species] [Yinjiang]
		<i>Polystichum paramartini</i> R. H. Jiang & X. C. Zhang [New Species] [Ziyun]
		<i>Polystichum suiyangense</i> Bo Wang, Q. W. Sun & Li Bing Zhang [New Species] [Suiyang]
		<i>Primula chishuiensis</i> C. M. Hu, G. Hao & Y. Xu [New Species] [Chishui]
		<i>Pteris pseudoamoena</i> D. M. Yang & R. Guo [New Species] [Longzhou]
		<i>Silene vanchingshanensis</i> C. Y. Wu ex Huan C. Wang & Feng Yang [New Species] [Jiangkou]
		<i>Sinosenecio yangii</i> D. G. Zhang & Q. Zhou [New Species] [Libo]
		<i>Smilax weniae</i> P. Li, Z. C. Qi & Yan Liu [New Species] [Libo]
		<i>Spiradiclis liboensis</i> L. Wu & W. J. Liu [New Species] [Libo]
		<i>Viola shiweii</i> Xiao C. Li & Zheng W. Wang [New Species] [Libo]
福建 Fujian	16 种 16 species	<i>Aster artemisiaodorum</i> X. X. Su, S. P. Chen & Liang Ma [New Species] [Yanping]
		<i>Aster quanzhouensis</i> M. Tang, G. J. Yan & W. P. Li [New Species] [Yongchun]
		<i>Carex borealifujianica</i> Y. F. Lu & X. F. Jin [New Species] [Wuyishan]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
浙江 Zhejiang	11 种, 1 杂交种, 3 变种, 4 变型, 3 新记录 11 species, 1 nothospecies, 3 varieties, 4 forms, 3 new records	<i>Danxiaorchis mangdangshanensis</i> Q. S. Huang, Miao Zhang, B. Hua Chen & Wang Wu [New Species] [Yanping]
		<i>Euphorbia xiangxiui</i> N. Wei, Q. Yu, Guo X. Chen & Q. F. Wang [New Species] [Pingnan]
		<i>Iris junzifengensis</i> S. P. Chen, Xin Y. Chen & Liang Ma [New Species] [Mingxi]
		<i>Lonicera sinomacrantha</i> Z. H. Chen, L. X. Ye & X. F. Jin [New Species] [Chong'an, Longquan, Qingyuan, Suichang, Wencheng, Wuning]
		<i>Polypleurum chinense</i> B. Hua Chen & Miao Zhang [New Species] [Yunxiao]
		<i>Primulina shaowuensis</i> X. X. Su, Liang Ma & S. P. Chen [New Species] [Shaowu]
		<i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao [New Species] [Renhua]
		<i>Selaginella wuyishanensis</i> K. W. Xu, X. M. Zhou & Yi F. Duan [New Species] [Wuyishan]
		<i>Terniopsis yongtaiensis</i> X. X. Su, Miao Zhang & B. Hua Chen [New Species] [Yongtai]
		<i>Toxicodendron oligophyllum</i> S. L. Tang, Liang Ma & S. P. Chen [New Species] [Yongtai]
		<i>Vincetoxicum junzifengense</i> B. J. Ye & S. P. Chen [New Species] [Mingxi]
		<i>Whytockia minxiensis</i> B. J. Ye & S. P. Chen [New Species] [Changting]
		<i>Adenophora tetraphylla</i> (Thunb.) Fisch. var. <i>austrozhejiangensis</i> W. Y. Sun & Y. F. Lu [New Variety] [Longquan]
		<i>Artemisia lanaticapitula</i> X. F. Jin, Z. H. Chen & Y. F. Lu [New Species] [Liandu]
		<i>Castanopsis chenyingiana</i> Z. P. Lei, Z. H. Chen & X. F. Jin [New Species] [Taishun]
		<i>Cerasus schneideriana</i> (Koehne) T. T. Yu & C. L. Li f. <i>pleiopetala</i> J. P. Li, S. J. Ying & Yan F. Wang [New Form] [Yongkang]
		<i>Chaerophyllum tainturieri</i> Hook. [New Record] [Xihu]
		<i>Eleocharis pellucida</i> Presl var. <i>yongkangensis</i> Y. F. Lu, W. Y. Xie & X. F. Jin [New Variety] [Yongkang]
		<i>Ilex chinensis</i> Sims f. <i>xanthocarpa</i> Z. H. Chen, Y. R. Zhu & W. Y. Xie [New Form] [Liandu]
		<i>Lamium amplexicaule</i> L. f. <i>albiflorum</i> D. M. Moore [New Record] [Tiantai]
		<i>Liriope clavatifolia</i> Z. H. Chen, F. Chen & G. Y. Li [New Species] [Chun'an]
		<i>Lonicera hypoglauca</i> Miq. f. <i>pulchra</i> Z. H. Chen, W. Y. Xie & X. D. Mei [New Form] [Lin'an]
		<i>Lonicera sinomacrantha</i> Z. H. Chen, L. X. Ye & X. F. Jin [New Species] [Chong'an, Longquan, Qingyuan, Suichang, Wencheng, Wuning]
		<i>Lycoris × jinzhenniae</i> S. Y. Zhang, P. C. Zhang & J. W. Shao [New Nothospecies] [Cixi]
		<i>Lycoris chunxiaensis</i> Q. Z. Li, Z. G. Li & You M. Cai [New Species] [Beilun]
		<i>Lycoris insularis</i> S. Y. Zhang & J. W. Shao [New Species] [Dinghai]
		<i>Phyllostachys hirtivagina</i> G. H. Lai var. <i>glabrivagina</i> G. H. Lai & J. J. Yue [New Variety] [Longyou]
		<i>Polygonatum praecox</i> Ying F. Hu & J. W. Shao [New Species] [Langya]
		<i>Primula zhexiensis</i> Xiao He & J. W. Shao [New Species] [Fuyang]
		<i>Riccia junghuhniana</i> Nees & Lindenb. [New Record] [Kaihua]
		<i>Rubus jiulongshanensis</i> Z. H. Chen, W. Y. Xie & Z. H. Zheng [New Species] [Suichang]
		<i>Rungia densiflora</i> H. S. Lo f. <i>albiflora</i> Z. H. Chen & X. D. Mei [New Form] [Jingning]
		<i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao [New Species] [Renhua]
湖南 Hunan	10 种, 3 变种 10 species, 3 varieties	<i>Torreya dapanshanica</i> X. F. Jin, Y. F. Lu & Zi L. Chen [New Species] [Pan'an]
		<i>Aster atropurpurea</i> W. P. Li & G. X. Chen [New Species] [Jishou]
		<i>Carex thibetica</i> Franch. var. <i>angustifolia</i> X. F. Jin & Y. F. Lu [New Variety] [Dong'an]
		<i>Chamaegastrodia guidongensis</i> L. Wu, H. Z. Tian & C. Z. Huang [New Species] [Guidong]
		<i>Cirsium hupingshanicum</i> Z. C. Jin & Y. S. Chen [New Species] [Shimen]
		<i>Impatiens piufanensis</i> Hook. f. var. <i>villosa</i> G. W. Hu, S. X. Ding & S. Peng [New Variety] [Enshi]
		<i>Isoetes longpingii</i> Y. H. Yan, Y. F. Gu & J. P. Shu [New Species] [Ningxiang]
		<i>Isoetes xiangfei</i> Y. H. Yan, Y. F. Gu & J. P. Shu [New Species] [Tongdao]
		<i>Oreocharis xieyongii</i> T. Deng, D. G. Zhang & H. Sun [New Species] [Huayuan]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
台湾 Taiwan	10 种, 1 杂交种, 3 新记录 10 species, 1 nothospecies, 3 new records	<i>Paris fargesii</i> Franch. var. <i>macrosepala</i> H. X. Yin & W. X. Rao & Ling Zhao [New Variety] [Shuangpai]
		<i>Primula xinningensis</i> Wei Zhang bis & J. W. Shao [New Species] [Xinning]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Primulina gracilipes</i> X. L. Yu & A. Liu [New Species] [Jiangyong]
		<i>Scutellaria jishouensis</i> G. X. Chen, L. Tan & X. M. Xiang [New Species] [Jishou]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao [New Species] [Renhua]
		<i>Blumea chishangensis</i> S. W. Chung, Zhi Hao Chen, S. H. Liu & W. J. Huang [New Species] [Taitung]
海南 Hainan	6 种, 8 新记录 6 species, 8 new records	<i>Bulbophyllum</i> × <i>omerumbellatum</i> T. P. Lin [New Nothospecies] [Chiayi]
		<i>Bulbophyllum cryptomeriicola</i> T. P. Lin & S. K. Yu [New Species] [Chiayi]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Conocephalum orientalis</i> H. Akiyama [New Species] [Nantou]
		<i>Conocephalum purpureorubrum</i> H. Akiyama [New Species]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Epithema benthamii</i> C. B. Clarke [New Record]
		<i>Hymenophyllum chamaecyparicola</i> T. C. Hsu & Z. X. Chang [New Species] [Yilan]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Isotrema pahsienshanianum</i> C. T. Lu, C. Lan Yang & J. C. Wang [New Species] [Taichung]
		<i>Marsupella taiwanica</i> Mamontov, Vilnet & Schäf.-Verw [New Species] [Natou]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Passiflora ligularis</i> Juss. [New Record]
		<i>Sedum triangulisepalum</i> T. S. Liu & N. J. Chung ex T. C. Hsu & S. W. Chung [New Species] [Hualien]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Serjania mexicana</i> (L.) Willd. [New Record] [New Taipei]
		<i>Smithia yehii</i> C. M. Wang, Chih Y. Chang & Y. H. Tseng [New Species] [Miaoli]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Solanum peikuoense</i> S. S. Ying [New Species] [Pingtung]
		<i>Actinostephanus enpingensis</i> F. Wen, Y. G. Wei & Z. B. Xin [New Species] [Enping]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Argostemma ehuangzhangense</i> H. G. Ye, Jia Liu & W. B. Liao [New Species] [Yangchun]
		<i>Asplenium danxiaense</i> K. W. Xu [New Species] [Renhua]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Bonia saxatilis</i> (L. C. Chia, H. L. Fung & Y. L. Yang) N. H. Xia var. <i>danxiaensis</i> Xing Li, J. B. Ni & Y. H. Tong [New Variety] [Renhua]
		<i>Ceratopteris chunii</i> Y. H. Yan [New Species] [Guangzhou]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Erythroxyllum austroguangdongense</i> C. M. He, X. X. Zhou & Y. H. Tong [New Species] [Taishan]
		<i>Hemiboea shimentaiensis</i> S. Y. Miao, Y. Q. Li & Tao Chen bis [New Species] [Yingde]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Pilea danxiaensis</i> L. F. Fu, A. K. Monro & Y. G. Wei [New Species] [Renhua]
		<i>Prunus yunkaishanensis</i> B. H. Wu, W. Y. Zhao & W. B. Liao [New Species] [Gaozhou]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao [New Species] [Renhua]
		<i>Wikstroemia fragrans</i> W. B. Liao, Q. Fan & J. R. Chen [New Species] [Renhua]
海南 Hainan	6 种, 8 新记录 6 species, 8 new records	<i>Amana hejiaqingii</i> M. Z. Wang & P. Li [New Species] [Shangcheng]
		<i>Chloranthus coccineus</i> Xin L. Zhao & L. H. He [New Species]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Hemsleya revoluta</i> Qiong Luo, Xin W. Li & Q. L. Gan [New Species] [Zhuxi]
		<i>Impatiens piufanensis</i> Hook. f. var. <i>villosa</i> G. W. Hu, S. X. Ding & S. Peng [New Variety] [Enshi]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Ligularia monocephala</i> Long Wang [New Species] [Shennongjia]
		<i>Polygonatum praecox</i> Ying F. Hu & J. W. Shao [New Species] [Langya]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Prunus wangii</i> Q. L. Gan, Z. Yu Li & S. Z. Xu [New Species] [Zhuxi]
		<i>Combretum xylocarpum</i> Dan Liang & R. J. Wang [New Species] [Wenchang]
海南 Hainan	6 种, 8 新记录 6 species, 8 new records	<i>Didymoplexis striata</i> J. J. Sm. [New Record] [Qionghai]
		<i>Hedyotis multiglomerulata</i> (Pit.) P. H. Hô [New Record]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Koyamasia curtisii</i> (Craib & Hutch.) Bunwong, Chantar. & S. C. Keeley [New Record] [Changjiang]
		<i>Myriophyllum siamense</i> (Craib) Tardieu [New Record] [Wenchang]
湖北 Hubei	6 种, 1 变种 6 species, 1 variety	<i>Oreocharis hainanensis</i> S. J. Ling & M. X. Ren [New Species] [Dongfang]
		<i>Paracladopus chiangmaiensis</i> M. Kato [New Record] [Wuzhishan]
广东 Guangdong	10 种, 1 变种 10 species, 1 variety	<i>Pogostemon hainanensis</i> L. X. Yuan & Gang Yao [New Species] [Wuzhishan]
		<i>Raphiocarpus sinovietnamicus</i> Z. B. Xin, L. X. Yuan & T. V. Do [New Species] [Baoting]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
青海 Qinghai	6 种, 1 新记录 6 species, 1 new record	<i>Struchium sparganophorum</i> (L.) Kuntze [New Record] [Danzhou] <i>Tectaria fungii</i> S. Y. Dong [New Species] [Lingshui] <i>Vaccinium pseudopubicalyx</i> X. H. Ye, Qing L. Wang & Y. H. Tong [New Species] [Wuzhishan] <i>Vaccinium viscifolium</i> King & Gamble [New Record] [Ledong] <i>Zeuxine glandulosa</i> King & Pantl. [New Record] [Baoting] <i>Asplenium delinghaense</i> S. Q. Liang & X. C. Zhang [New Species] [Delingha] <i>Berberis chinduensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Chindu] <i>Berberis longquensis</i> Y. K. Li, Harber, Y. W. Xing & C. C. Yu [New Species] [Yushu] <i>Bryum austriacum</i> Köckinger, Holyoak & Suanjak [New Record] [Huzhu] <i>Chenopodium grubovii</i> Lomon. & Uotila [New Species] <i>Kailashia bouffordii</i> Kljuykov & Lavrova [New Species] [Gyamda] <i>Rhodiola yushuensis</i> S. Y. Meng & Jun Zhang [New Species] [Yushu]
甘肃 Gansu	5 种 5 species	<i>Chenopodium grubovii</i> Lomon. & Uotila [New Species] <i>Riccia subcristata</i> You L. Xiang & R. L. Zhu [New Species] [Kangding] <i>Rohdea grandiflora</i> H. Z. Feng & Q. X. Han [New Species] [Kangxian] <i>Saxifraga sunhangiana</i> T. Deng, X. J. Zhang & J. T. Chen [New Species] [Wenxian] <i>Stipa shanxiensis</i> B. Nie & W. Hao Zhang [New Species] [Kelan]
重庆 Chongqing	5 种 5 species	<i>Lysimachia coriacea</i> S. R. Yi & H. F. Yan [New Species] [Nanchuan] <i>Nymphanthus calcicola</i> S. R. Yi & Gang Yao [New Species] [Pengshui] <i>Oreocharis qianyuensis</i> Lei Cai, Jia W. Yang & Qiang Zhang [New Species] [Kaili, Pengshui] <i>Paraphlomis nana</i> Y. P. Chen, C. Xiong & C. L. Xiang [New Species] [Chengkou] <i>Vincetoxicum pingtaoanum</i> Cai F. Zhang, G. W. Hu & Q. F. Wang [New Species] [Wuxi]
安徽 Anhui	5 种 5 species	<i>Bulbophyllum guniuense</i> W. Y. Ni & J. W. Shao [New Species] [Qimen] <i>Ceratopteris chingii</i> Y. H. Yan & Jun H. Yu [New Species] [Chaohu] <i>Phyllostachys viridivagina</i> G. H. Lai & J. J. Yue [New Species] [Guangde] <i>Polygonatum praecox</i> Ying F. Hu & J. W. Shao [New Species] [Langya] <i>Primula wannanensis</i> Xiao He & J. W. Shao [New Species] [Huangshan]
新疆 Xinjiang	4 种, 6 新记录 4 species, 6 new records	<i>Chenopodium grubovii</i> Lomon. & Uotila [New Species] <i>Eritrichium pseudostrictum</i> Popov [New Record] [Taxkorgan] <i>Grimmia caotongiana</i> D. P. Zhao, Mamtimin & S. He [New Species] [Wensu] <i>Phlomoidezenaidae</i> (Popov) Adylov, Kamelin & Makhm. [New Record] [Nilka] <i>Rosa tomurensis</i> L. Luo, C. Yu & Q. X. Zhang [New Species] [Wensu] <i>Saussurea khunjerabensis</i> Y. S. Chen [New Species] [Taxkorgan] <i>Schistidium flaccidum</i> (De Not.) Ochyra [New Record] [Mulei] <i>Schistidium marginale</i> H. H. Blom, Bednarek-Ochyra & Ochyra [New Record] [Mulei] <i>Schistidium pulchrum</i> H. H. Blom [New Record] [Onsu] <i>Schistidium sibiricum</i> Ignatova & H. H. Blom [New Record] [Burqin]
陕西 Shaanxi	4 种 4 species	<i>Allium tsinlingense</i> L. L. Xun & P. L. Liu [New Species] [Zhouzhi] <i>Betula buggsii</i> Nian Wang & Cheek [New Species] <i>Hansenia trifoliolata</i> Q. P. Jiang & X. J. He [New Species] [Fengxian] <i>Stipa shanxiensis</i> B. Nie & W. Hao Zhang [New Species] [Kelan]
江西 Jiangxi	4 种 4 species	<i>Asplenium jiulianshanense</i> K. W. Xu & G. L. Xu [New Species] [Ganzhou] <i>Mazus danxiacola</i> Bo Li & B. Chen [New Species] [Guixi] <i>Paraphlomis jinggangshanensis</i> Boufford, W. B. Liao & W. Y. Zhao [New Species] [Jinggangshan] <i>Selaginella orientali-chinensis</i> Ching & C. F. Zhang ex H. W. Wang & W. B. Liao [New Species] [Renhua]
内蒙古 Nei Monggol	3 种 3 species	<i>Chenopodium grubovii</i> Lomon. & Uotila [New Species] <i>Didymodon manhanensis</i> C. Feng & J. Kou [New Species] [Ulanqab] <i>Stipa shanxiensis</i> B. Nie & W. Hao Zhang [New Species] [Kelan]
河南 Henan	3 种 3 species	<i>Allium heterophyllum</i> D. F. Xie & X. J. He [New Species] [Songxian] <i>Amana hejiaqingii</i> M. Z. Wang & P. Li [New Species] [Shangcheng] <i>Polygonatum praecox</i> Ying F. Hu & J. W. Shao [New Species] [Langya]

省份 Province	新分类群数量和新记录数 No. of new taxa and record	包含类群 Contains taxa
江苏 Jiangsu	1 种, 2 新记录 1 species, 2 new records	<i>Brachiaria plantaginea</i> (Link) Hitchc. [New Record] [Taizhou] <i>Brachiaria platyphylla</i> (Munro ex C. Wright) Nash [New Record] [Taizhou] <i>Lycoris insularis</i> S. Y. Zhang & J. W. Shao [New Species] [Dinghai]
山东 Shandong	1 种, 1 新记录 1 species, 1 new record	<i>Hypodematium jianxiui</i> Xiao J. Li [New Species] [Linyi] <i>Opuntia humifusa</i> (Raf.) Raf. [New Record] [Wulian]
河北 Hebei	1 种, 1 新记录 1 species, 1 new record	<i>Anoplocaryum helenae</i> Volot. [New Record] [Zhangjiakou] <i>Encalypta sylvatica</i> F. J. Shen & J. C. Zhao [New Species]
山西 Shanxi	1 种 1 species	<i>Stipa shanxiensis</i> B. Nie & W. Hao Zhang [New Species] [Kelan]
上海 Shanghai	1 种 1 species	<i>Lycoris insularis</i> S. Y. Zhang & J. W. Shao [New Species] [Dinghai]
辽宁 Liaoning	1 种 1 species	<i>Pulsatilla saxatilis</i> Liang Xu & T. G. Kang [New Species] [Fengcheng]
黑龙江 Heilongjiang	1 种 1 species	<i>Didymodon heilongjiangensis</i> C. Feng & J. Kou [New Species] [Nianzishan]

附录6 2022年中国植物新分类群学名中新增的中国作者名录

Appendix 6 List of newly added Chinese authors in the scientific names of new taxa of Chinese plants in 2022

标准拼写 Standard form	姓名 Name	单位 Institution	出生年代 Year of Birth
You M. Cai	蔡友铭 Cai, You Ming	上海市农业科学院林木果树研究所 Forestry and Pomology Research Institute, Shanghai Academy of Agricultural Sciences	1965–
A. J. Cao	曹安江 Cao, An Jiang	云南乌蒙山国家级自然保护区管护局 Wumeng Mountain National Nature Reserve Administration, Zhaotong, Yunnan	1964–
Chao Chen	陈超 Chen, Chao	云南大学云南省植物繁殖适应与进化生态学重点实验室 Yunnan Key Laboratory of Plant Reproductive Adaptation and Evolutionary Ecology, Yunnan University	
Guo X. Chen	陈国兴 Chen, Guo Xing	福建省建瓯市林业局 Jian'ou Forestry Bureau, Fujian	1974–
Jin M. Chen	陈进明 Chen, Jin Ming	中国科学院武汉植物园 Wuhan Botanical Garden, Chinese Academy of Sciences	1975–
J. R. Chen	陈京锐 Chen, Jing Rui	中山大学生命科学学院 School of Life Sciences, Sun Yat-sen University	1998–
M. Y. Chen	陈敏愉 Chen, Min Yu	中国科学院昆明植物研究所 Kunming Institute of Botany, Chinese Academy of Sciences	1994–
W. S. Chen	陈文帅 Chen, Wen Shuai	西藏自治区高原生物研究所 Tibet Plateau Institute of Biology	
Zhi Hao Chen	陈志豪 Chen, Zhi Hao	观察家生态顾问有限公司 Observer Ecological Consultant Co., Ltd.	
J. J. Deng	邓娇娇 Deng, Jiao Jiao	四川大学生命科学学院 College of Life Sciences, Sichuan University	1997–
S. X. Ding	丁世雄 Ding, Shi Xiong	中国科学院武汉植物园 Wuhan Botanical Garden, Chinese Academy of Sciences	1994–
Z. H. Feng	冯真豪 Feng, Zhen Hao	广州天河同仁艺体实验学校 Tongren Experimental Middle School for Art and Sports, Tianhe, Guangzhou	1994–
Z. X. Fu	付志玺 Fu, Zhi Xin	四川师范大学生命科学学院 College of Life Sciences, Sichuan Normal University	1988–
Y. X. Gong	龚燕雄 Gong, Yan Xiong	云南省热带作物科学研究所 Yunnan Institute of Tropical Crops, Jinghong	1987–
R. Guo	郭芮 Guo, Rui	海南大学园艺学院 School of Horticulture, Hainan University	1997–
Q. X. Han	韩庆香 Han, Qing Xiang	枣庄大学生命科学学院 College of Life Sciences, Zaozhuang University	1987–
L. H. He	贺利宏 He, Li Hong	中国医学科学院北京协和医学院药用植物研究所 Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences, Peking Union Medical College	1998–
Xiao He	贺笑 He, Xiao	安徽师范大学生命科学学院 College of Life Sciences, Anhui Normal University	1991–
J. Hu	胡君 Hu, Jun	中国科学院成都生物研究所 Chengdu Institute of Biology, Chinese Academy of Sciences	1986–
T. Hu	胡田 Hu, Tian	湖南师范大学生命科学学院 College of Life Sciences, Hunan Normal University	2000–
X. J. Hu	胡梼剑 Hu, Xiao Jian	中国科学院昆明植物研究所 Kunming Institute of Botany, Chinese Academy of Sciences	1984–
Xin Hu	虎鑫 Hu, Xin	云南乌蒙山国家级自然保护区管护局 Wumeng Mountain National Nature Reserve Administration, Zhaotong, Yunnan	
Ying F. Hu	胡迎峰 Hu, Ying Feng	安徽师范大学生命科学学院 College of Life Sciences, Anhui Normal University	1998–
C. Z. Huang	黄存忠 Huang, Cun Zhong	湖南省桂东县自然资源局 Natural Resources Bureau of Guidong County, Hunan	1970–
Q. S. Huang	黄清山 Huang, Qing Shan	福建南平茫荡山国家级自然保护区管理处 Nanping Mangdang Mountain National Nature Reserve Management Office, Fujian	1965–
Q. P. Jiang	蒋秋萍 Jiang, Qiu Ping	四川大学生命科学学院 College of Life Sciences, Sichuan University	1996–
X. J. Jin	金鑫杰 Jin, Xin Jie	温州大学生命与环境科学学院 College of Life and Environmental Science, Wenzhou University	1990–
Z. C. Jin	金梓超 Jin, Zi Chao	中国科学院华南植物园 South China Botanical Garden, Chinese Academy of Sciences	1995–

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T. G. Kang	康廷国 Kang, Ting Guo	辽宁中医药大学 Liaoning University of Traditional Chinese Medicine	1955–
S. J. Ke	柯诗杰 Ke, Shi Jie	福建农林大学林学院 College of Forestry, Fujian Agriculture and Forestry University	1999–
M. Lei	雷鸣 Lei, Ming	重庆市林业科学研究院 Chongqing Academy of Forestry, Chongqing	1963–
J. P. Li	李军萍 Li, Jun Ping	浙江省永康市自然资源和规划局 Yongkang Nature Resources and Planning Bureau, Zhejiang	1975–
Q. Z. Li	李青竹 Li, Qing Zhu	上海市农业科学院林木果树研究所 Forestry and Pomology Research Institute, Shanghai Academy of Agricultural Sciences	1986–
Xiao C. Li	李晓晨 Li, Xiao Chen	上海辰山植物园 Shanghai Chenshan Botanical Garden	1991–
Xing Li	李星 Li, Xing	中国科学院华南植物园 South China Botanical Garden, Chinese Academy of Sciences	1994–
Yuan Y. Li	李园园 Li, Yuan Yuan	中国科学院昆明植物研究所 Kunming Institute of Botany, Chinese Academy of Sciences	1992–
Z. G. Li	李泽国 Li, Ze Guo	上海市农业科学院林木果树研究所 Forestry and Pomology Research Institute, Shanghai Academy of Agricultural Sciences	
Z. L. Li	李政隆 Li, Zheng Long	安徽大学资源与环境工程学院 School of Resources and Environmental Engineering, Anhui University	1997–
Dan Liang	梁丹 Liang, Dan	中国科学院华南植物园 South China Botanical Garden, Chinese Academy of Sciences	1990–
C. K. Liu	刘常坤 Liu, Chang Kun	四川大学生命科学学院 College of Life Sciences, Sichuan University	1994–
Jia Liu	刘佳 Liu, Jia	中山大学生命科学学院 School of Life Sciences, Sun Yat-sen University	1994–
Jin L. Liu	刘金丽 Liu, Jin Li	云南大学生命科学学院 School of Life Sciences, Yunnan University	1995–
Shao Y. Liu	刘绍云 Liu, Shao Yun	云南大学生命科学学院 School of Life Sciences, Yunnan University	1998–
Y. Lu	卢元 Lu, Yuan	陕西省西安植物园 Xi'an Botanical Garden of Shaanxi Province	1985–
L. Luo	罗乐 Luo, Le	北京林业大学园林学院 School of Landscape Architecture, Beijing Forestry University	1983–
Yue P. Ma	马月萍 Ma, Yue Ping	东北大学生命科学与健康学院 College of Life and Health Sciences, Northeastern University	1973–
K. S. Mao	毛康珊 Mao, Kang Shan	四川大学生命科学学院 College of Life Sciences, Sichuan University	1983–
K. K. Meng	孟开开 Meng, Kai Kai	中山大学生命科学学院 School of Life Sciences, Sun Yat-sen University	1990–
S. Y. Miao	缪绅裕 Miao, Shen Yu	广州大学生命科学学院 School of Life Sciences, Guangzhou University	1965–
S. Y. Nong	农时越 Nong, Shi Yue	广西壮族自治区中国科学院广西植物研究所 Guangxi Institute of Botany, Guangxi Zhuang Autonomous Region and Chinese Academy of Sciences	1997–
C. Peng	彭昶 Peng, Chang	四川大学生命科学学院 College of Life Sciences, Sichuan University	1993–
W. X. Rao	饶文霞 Rao, Wen Xia	成都中医药大学 Chengdu University of Traditional Chinese Medicine	1994–
L. Y. Ren	任柳伊 Ren, Liu Yi	贵州大学林学院 College of Forestry, Guizhou University	1996–
Z. T. Ren	任正涛 Ren, Zheng Tao	云南大学生命科学学院 School of Life Sciences, Yunnan University	1996–
F. J. Shen	沈风娇 Shen, Feng Jiao	河北师范大学生命科学学院 College of Life Sciences, Hebei Normal University	1993–
W. Sheng	盛威 Sheng, Wei	杭州师范大学生命与环境科学学院 College of Life and Environmental Sciences, Hangzhou Normal University	1993–
Y. F. Song	宋炎峰 Song, Yan Feng	南京林业大学生物与环境学院 College of Biology and the Environment, Nanjing Forestry University	1996–
F. Su	苏凡 Su, Fan	中国热带农业科学院香料饮料研究所 Spice and Beverage Research Institute, Chinese Academy of Tropical Agricultural Sciences	1992–

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H. M. Tan	谭海明 Tan, Hai Ming	广西大瑶山国家级自然保护区管理局 Administration Center of Dayaoshan National Nature Reserve, Guangxi	1962–
S. L. Tang	唐淑玲 Tang, Shu Ling	漳州职业技术学院 Zhangzhou Institute of Technology	1986–
X. Wan	万霞 Wan, Xia	中国科学院成都生物研究所 Chengdu Institute of Biology, Chinese Academy of Sciences	1994–
J. Guan Wang	王佳冠 Wang, Jia Guan	云南大学农学院 School of Agriculture, Yunnan University	
Liang Wang	王亮 Wang, Liang	业余爱好者 Amateur	
Nian Wang	王年 Wang, Nian	山东农业大学林学院 College of Forestry, Shandong Agricultural University	
Qi Wang bis	王琦 Wang, Qi	上海辰山植物园 Shanghai Chenshan Botanical Garden	1986–
Rui B. Wang	王睿彬 Wang, Rui Bin	云南大学生命科学学院 School of Life Sciences, Yunnan University	
T. T. Wang	王婷婷 Wang, Ting Ting	云南大学生态与环境学院 School of Ecology and Environmental Science, Yunnan University	1997–
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