

中国植物学会

中植会字〔2023〕12号

关于发布《植物科学领域高质量期刊分级目录》（2023版）的公告

为推进国内外科技期刊的同质等效使用，助推世界一流科技期刊建设，在中国科协的统一部署下，中国植物学会承担了植物科学领域高质量期刊分级目录优化调整工作。

本次工作总体上保持了2020年版《目录》的整体框架，以“同行评议、价值导向、等效使用”为原则，采取定量评价与定性评价相结合的方式，经过优化指标体系、明确工作方案和流程、征求各领域专家意见、评审委员会终评、公示等多个环节，形成《植物科学领域高质量期刊分级目录》（2023版）。目录共列入期刊142种，其中T1级21种，T2级41种，T3级74种，高质量中文期刊6种。现予以正式发布。

附：植物科学领域高质量期刊分级目录



植物科学领域高质量期刊分级目录（2023年版）

序号	期刊名称	刊号 ISSN/CN
T1 级		
1	Annual Review of Phytopathology	0066-4286
2	Annual Review of Plant Biology	1543-5008
3	Ecological Monographs	0012-9615
4	Ecology	0012-9658
5	Ecology Letters	1461-023X
6	Evolution	0014-3820
7	Global Change Biology	1354-1013
8	Journal of Integrative Plant Biology	1672-9072 CN 11-5067/Q
9	Molecular Biology and Evolution	0737-4038
10	Molecular Ecology	0962-1083
11	Molecular Plant	1674-2052
12	Nature Ecology & Evolution	2397-334X
13	Nature Plants	2055-026X
14	New Phytologist	0028-646X
15	Plant Biotechnology Journal	1467-7644
16	Plant Cell	1040-4651
17	Plant Cell and Environment	0140-7791
18	Plant Journal	0960-7412
19	Plant Physiology	0032-0889
20	Trends in Ecology & Evolution	0169-5347
21	Trends in Plant Science	1360-1385

序号	期刊名称	刊号 ISSN/CN
T2 级		
1	Agricultural and Forest Meteorology	0168-1923
2	American Journal of Botany	0002-9122
3	American Naturalist	0003-0147
4	Annals of Botany	0305-7364
5	BMC Evolutionary Biology	1471-2148
6	BMC Plant Biology	1471-2229
7	Botanical Journal of the Linnean Society	0024-4074
8	Conservation Biology	0888-8892
9	Critical Reviews in Plant Sciences	0735-2689
10	Crop Journal	2095-5421
11	Current Opinion in Plant Biology	1369-5266
12	Environmental and Experimental Botany	0098-8472
13	Functional Ecology	0269-8463
14	Global Ecology and Biogeography	1466-822X
15	Horticulture Research	2662-6810
16	Journal of Biogeography	0305-0270
17	Journal of Ecology	0022-0477
18	Journal of Experimental Botany	0022-0957
19	Journal of Natural Products	0163-3864
20	Journal of Systematics and Evolution	1674-4918 CN 11-5779/Q
21	Molecular Phylogenetics and Evolution	1055-7903
22	Molecular Plant Pathology	1464-6722
23	Molecular Plant-Microbe Interactions	0894-0282
24	Physiologia Plantarum	0031-9317

序号	期刊名称	刊号 ISSN/CN
25	Phytochemistry	0031-9422
26	Phytomedicine	0944-7113
27	Phytopathology	0031-949X
28	Plant and Cell Physiology	0032-0781
29	Plant and Soil	0032-079X
30	Plant Cell Reports	0721-7714
31	Plant Communications	2590-3462
32	Plant Disease	0191-2917
33	Plant Molecular Biology	0167-4412
34	Plant Phenomics	2643-6515 CN 32-1898/Q
35	Plant Physiology and Biochemistry	0981-9428
36	Plant Reproduction	2194-7953
37	Plant Science	0168-9452
38	Planta	0032-0935
39	Taxon	0040-0262
40	Theoretical and Applied Genetics	0040-5752
41	Tree Physiology	0829-318X
T3 级		
1	Advances in Botanical Research	0065-2296
2	Algae	1226-2617
3	Annals of the Missouri Botanical Garden	0026-6493
4	AoB Plants	2041-2851
5	Applied Vegetation Science	1402-2001
6	Aquatic Botany	0304-3770
7	Australian Journal of Botany	0067-1924

序号	期刊名称	刊号 ISSN/CN
8	Biological Conservation	0006-3207
9	Biological Invasions	1387-3547
10	Botanical Review	0006-8101
11	Botanical Studies	1999-3110
12	Canadian Journal of Plant Science	0008-4220
13	Diversity and Distributions	1366-9516
14	Economic Botany	0013-0001
15	European Journal of Phycology	0967-0262
16	Flora	0367-2530
17	Forest Ecology and Management	0378-1127
18	Frontiers in Plant Science	1664-462X
19	Functional Plant Biology	1445-4408
20	GM Crops & Food-Biotechnology in Agriculture and the Food Chain	2164-5698
21	Grana	0017-3134
22	IAWA Journal	0928-1541
23	International Journal of Plant Sciences	1058-5893
24	Journal of Berry Research	1878-5093
25	Journal of Bryology	0373-6687
26	Journal of Ethnopharmacology	0378-8741
27	Journal of Phycology	0022-3646
28	Journal of Plant Biology	1226-9239
29	Journal of Plant Ecology	1752-9921 CN 10-1172/Q
30	Journal of Plant Growth Regulation	0721-7595
31	Journal of Plant Interactions	1742-9145

序号	期刊名称	刊号 ISSN/CN
32	Journal of Plant Nutrition and Soil Science	1436-8730
33	Journal of Plant Physiology	0176-1617
34	Journal of Plant Research	0918-9440
35	Journal of Soil Science and Plant Nutrition	0718-9508
36	Journal of Vegetation Science	1100-9233
37	Kew Bulletin	0075-5974
38	Molecular Breeding	1380-3743
39	New Zealand Journal of Botany	0028-825X
40	Oecologia	0029-8549
41	Perspectives in Plant Ecology Evolution and Systematics	1433-8319
42	Pharmaceutical Biology	1388-0209
43	Photosynthesis Research	0166-8595
44	Phycologia	0031-8884
45	Physiology and Molecular Biology of Plants	0971-5894
46	Phytochemical Analysis	0958-0344
47	Phytochemistry Reviews	1568-7767
48	PhytoKeys	1314-2011
49	Phytotaxa	1179-3155
50	Plant Biology	1435-8603
51	Plant Cell Tissue and Organ Culture	0167-6857
52	Plant Diversity	2096-2703 CN 53-1233/Q
53	Plant Ecology & Diversity	1755-0874
54	Plant Ecology and Evolution	2032-3913
55	Plant Foods For Human Nutrition	0921-9668
56	Plant Genome	1940-3372

序号	期刊名称	刊号 ISSN/CN
57	Plant Growth Regulation	0167-6903
58	Plant Methods	1746-4811
59	Plant Pathology	0032-0862
60	Plants, People, Planet	2572-2611
61	Plant Species Biology	0913-557X
62	Plant Systematics and Evolution	0378-2697
63	Planta Medica	0032-0943
64	Plants-Basel	2223-7747
65	Protoplasma	0033-183X
66	Rice	1939-8425
67	Rice Science	1672-6308 CN 33-1317/S
68	Systematic Botany	0363-6445
69	Tree Genetics & Genomes	1614-2942
70	Trees-Structure and Function	0931-1890
71	Tropical Plant Biology	1935-9756
72	Vegetation History and Archaeobotany	0939-6314
73	Weed Research	0043-1737
74	Weed Science	0043-1745
植物科学高质量中文期刊		
1	科学通报	CN 11-1784/N
2	生物多样性	CN 11-3247/Q
3	植物生理学报	CN 31-2055/Q
4	植物生态学报	CN 11-3397/Q
5	植物学报	CN 11-5705/Q
6	中国科学:生命科学	CN 11-5840/Q