

## XIX INTERNATIONAL BOTANICAL CONGRESS

## Institutional Votes at the XIX International Botanical Congress, Shenzhen, 2017: Report of the Special Committee on Institutional Votes

Vicki A. Funk<sup>1</sup> (Secretary of the Special Committee) & Nicholas J. Turland<sup>2</sup> (Rapporteur-général)

<sup>1</sup> *United States National Herbarium, Department of Botany, NMNH, MRC-166, Smithsonian Institution, P.O. Box 37012, Washington, D.C. 20013-7012, U.S.A.*

<sup>2</sup> *Botanischer Garten und Botanisches Museum Berlin, Freie Universität Berlin, Königin-Luise-Str. 6–8, 14195 Berlin, Germany*

Authors for correspondence: Vicki A. Funk, [funkv@si.edu](mailto:funkv@si.edu); Nicholas J. Turland, [n.turland@bgbm.org](mailto:n.turland@bgbm.org)

DOI <https://doi.org/10.12705/656.33>

**Abstract** The Special Committee on Institutional Votes was established at the XVIII International Botanical Congress (IBC), in Melbourne in 2011, with the mandate to consider the procedure by which institutional votes are allocated and to report to the XIX IBC in Shenzhen in 2017. The Special Committee contacted institutions worldwide and urged them to update their entries in Index Herbariorum and to request institutional votes for the first time or an increase in allocated votes. The Committee sent its recommendations for changes to the list of institutional votes for the Melbourne IBC to the Bureau of Nomenclature, which, in collaboration with the Special Committee, revised the list to produce the new list for the Shenzhen IBC. This new list was sent to the General Committee for final approval, as required by the *International Code of Nomenclature for algae, fungi, and plants*. The General Committee approved the list, which is now presented in this report.

**Keywords** *Code*; International Botanical Congress; Nomenclature; Nomenclature Section; institutional votes

The *International Code of Nomenclature for algae, fungi, and plants* (ICN; McNeill & al., 2012) was last amended at the Nomenclature Section of the XVIII International Botanical Congress (IBC), held in Melbourne, Australia, in July 2011, and will next be amended at the XIX IBC in Shenzhen, China, in July 2017 (see <http://www.ibc2017.cn/>). Decisions at the Nomenclature Section of an IBC are made by voting, which is of two kinds: personal votes and institutional votes, as specified in Div. III.4(b) of the ICN. Whereas an individual member of the Nomenclature Section has one personal vote, an institution may have up to seven institutional votes, which are carried by a delegate of that institution, i.e., a registered member of the Section, provided that no person carries more than 14 institutional votes. Lists of institutions with their allocated votes at the XVII (Vienna, 2005) and XVIII (Melbourne, 2011) IBCs can be found in the official reports on botanical nomenclature for those IBCs (Flann & al., 2015: 331–337; Flann & al., 2014: 279–285).

At the Nomenclature Section of the Melbourne IBC a Special Committee on Institutional Votes was established with the mandate “To consider the procedure by which institutional votes are allocated” (Wilson, 2012; see also Demissew & Funk, 2013, which contains a brief explanation of institutional votes). Sebsebe Demissew (ETH) agreed to serve as Convener and Vicki Funk (US) as Secretary of the Special Committee. Members of the Committee, principally the Convener and Secretary, took advantage of botanical meetings in various countries to discuss institutional votes in general and to answer specific questions. Some of those meetings were held at botanical congresses and others at places visited, e.g.: 7th Global Plants Initiative (GPI) meeting (Panama City, Panama, 2014); 20th AETFAT Congress (Stellenbosch, South Africa, 2014); 11th Latin American Botanical Congress and 65th Brazilian National Botanical Congress (Salvador, Brazil, 2014); and Botany 2014 (Boise, Idaho, U.S.A., 2014). Ideas from these informal discussions were used to develop a plan of action.

In November and December 2015 the Special Committee attempted to notify all institutions of their right to cast institutional votes at the Nomenclature Section of the XIX IBC. An information packet was assembled and sent as a PDF file to all correspondents

from the institutions listed in Index Herbariorum (IH; Thiers, continuously updated). The PDF file included a letter explaining the process, a short form to fill out about the activity of the institution, a list of all the institutional votes allocated at the two previous IBCs, and instructions on updating the IH file for an institution. Only those institutions wishing to change the number of votes they were allocated, or wishing to ask for a vote or votes for the first time, needed to fill out the form. The same information was posted on the International Association for Plant Taxonomy (IAPT) website (<http://www.iapt-taxon.org>), and all members of the IAPT and the American Society of Plant Taxonomists (ASPT) were sent an e-mail notifying them of the location of the documents. The information was also posted on the biological systematics online discussion list Taxacom (<http://mailman.nhm.ku.edu/cgi-bin/mailman/listinfo/taxacom>). The cover letter was translated into Spanish by one of the Committee members and distributed to the Latin American institutions. The Committee also made a special effort to attract Chinese institutions, but only a few responses were received.

The original deadline for all forms to be returned was 1 February 2016, but it was extended to 1 April. When the forms were collated, 80 responses had been received, of which 54 were from institutions that had not previously been allocated any votes. Of these, four did not request any votes (one of them failing to provide adequate information or contact details) and 50 requested one or more votes. The remaining 26 responses were from institutions that had previously been allocated votes. Of these, 13 requested an increase in their number of votes and 13 did not. There then followed two rounds of comments by the Committee members, and in the end agreement was found on nearly all the issues. In keeping with previous IBCs, every institution requesting a vote or votes for the first time was allocated at least one vote. The Committee comprised 24 members (see below), and a total of 12 members (including the Convener and Secretary) participated in the discussions.

The results of the discussions were sent in August 2016 to the Bureau of Nomenclature, which reviewed and agreed with all the Committee’s recommendations except for suggesting two adjustments, to

which the Committee agreed. The Bureau also proposed deletion from the list of 14 institutions that had become inactive according to Index Herbariorum (B. Thiers, pers. comm. to N. Turland, August 2016) or had been transferred to other institutions. The final list was then agreed upon by the Committee. That list along with a preliminary version of this report was sent in September 2016 to the General Committee ([http://www.iapt-taxon.org/pages/committee\\_general](http://www.iapt-taxon.org/pages/committee_general)) for final approval, as required by Div. III.4(b)(2) of the *ICN*. A short discussion and some feedback to the Special Committee and the Bureau resulted in two adjustments to the list. The General Committee then voted to approve the list of institutional votes as follows: 23 yes: 0 no: 2 abstain.

#### Members of the Special Committee on Institutional Votes

(See Wilson, 2012, and [http://www.iapt-taxon.org/pages/sp\\_committee\\_inst](http://www.iapt-taxon.org/pages/sp_committee_inst))

Sebsebe Demissew, Convener (Ethiopia); Vicki Funk, Secretary (U.S.A.); Members: Patrick Brownsey (New Zealand); Christina Flann (Netherlands); Renée Fortunato (Argentina); Kanchi Gandhi (U.S.A.); Melissa Glen (South Africa); Patrick Herendeen (U.S.A.); Pierre-André Loizeau (Switzerland); David Mabblerley (Australia); Valéry Malécot (France); Karol Marhold (Slovakia); John McNeill (U.K.); Robert Magill (U.S.A.); James Miller (U.S.A.); Jefferson Prado (Brazil); Willem Prud'homme van Reine (Netherlands); Lourdes Rico-Arce (U.K./Mexico); Krishna Shrestha (Nepal); Peter Stevens (U.S.A.); Kevin Thiele (Australia); Carmen Ulloa (U.S.A./Ecuador); Zhu-Liang Yang (China); Xian-Chun Zhang (China).

#### Members of the Bureau of Nomenclature for the XIX IBC, Shenzhen, 2017

(See [http://www.iapt-taxon.org/pages/bureau\\_of\\_nomenclature](http://www.iapt-taxon.org/pages/bureau_of_nomenclature))

Sandra Knapp, President of the Nomenclature Section (U.K.); De-Zhu Li, Vice-president of the Nomenclature Section (China); Nicholas Turland, Rapporteur-général (Germany); John Wiersema, Vice-rapporteur (U.S.A.); Yun-Fei Deng, Recorder (China); Li Zhang, Recorder (China). Note: Additional vice-presidents are to be appointed.

#### Revised list of institutional votes at the Nomenclature Section of the XIX IBC, Shenzhen, 2017

The revised list of institutional votes for the XIX International Botanical Congress in Shenzhen is given below in the following format: herbarium code (according to Index Herbariorum); allocated number of votes; "\*" indicating that the institution exercised its institutional vote(s) at the Melbourne IBC; "new" indicating that the institution is new to the list for Shenzhen; "1↑" indicating that the allocated votes have been increased by one vote since Melbourne. The "+" symbol is used between herbarium codes when two or more institutions are treated together, e.g., CAN+CANA+CANL+CANM are treated as a single institution with five votes. The total number of institutions on the list is 542; the total number of institutional votes that could potentially be exercised is 926.

Herbarium code	Votes	Note	Herbarium code	Votes	Note	Herbarium code	Votes	Note
AA	1		AVE	1		BISH	2	
AAS	1		B	7	*	BKF	2	*
AAU	4		BA	3		BLAT	1	
ABD	1		BAA	1		BM	7	*
ACAD	1		BAB	1	*	BNRH	1	*
ACOR	2	new	BAF	2	*	BO	4	
AD	4	*	BAFC	1		BOL	2	*
AK	2		BAG	1		BOLO	1	
ALA	1		BAK	1		BONN	1	
ALTA	1		BAMU	2	new	BORD	1	new
AMH+AHMA	1		BARC	1	*	BP	5	
AMNH	1		BAS	1		BPI	3	*
ANK	2	*	BC	2		BR	6	*
ANSM	1		BCN	2		BRA	1	*
ANSP	1		BEO	1		BRG	1	
APP	1	new	BERN	1		BRI	4	*
AQUI	1		BG	2	*	BRIT	3	
ARIZ	1		BH	3	*	BRLU	2	new
ASH	1		BHU	1	*	BRNM	1	*
ASSAM	2	* 1↑	BHUPM	1		BRNU	1	*
ASU	1	*	BI	1		BRVU	1	
ATCC	1		BILAS	1		BRY	1	
ATHU	2		BIRM	1		BSA	1	*

Herbarium code	Votes	Note	Herbarium code	Votes	Note	Herbarium code	Votes	Note
BSI	1	*	CTES	1	*	GC	1	
BUCA+BUCM	2		CUHK	1		GCU	1	new
BUF	1		CUP	1		GDA	1	
BURD	1		CUZ	1	new	GE	1	new
C	7	*	DACB	1		GENT	1	
CAF	1		DAO+DAOM	6	*	GH	6	*
CAHUP	1		DAR	1		GI	1	
CAI	2		DAV	1		GJO	1	
CAIM	1		DAVFP	1		GLM	1	new
CAL	5	*	DBN	1		GMUF	1	
CAME	1		DD	2		GNNU	1	new
CAN+CANA+CANL+CANM	5	*	DNA	1	*	GOET	2	1↑
CANB	6	*	DNZ	1	new	GRA	1	
CANU	1	*	DR	1	new	GUADA	1	
CAS	4		DU	1	new	GUAM	1	
CAT	1	*	DUKE	2		GZU	2	
CAY	1		E	6	*	H	7	*
CBS	4	*	EA	3	* 1↑	HA	1	new
CCNU	1		EAP	1		HAC	2	*
CDBI	2		EDTU	1	new	HAJB	3	*
CFMR	1		EGE	1	*	HAJU	1	new
CFSHB	1		EIF	1	new	HAL	2	
CGE	1		ENCB	3		HAMAB	1	new
CGG	1		ERE	3	*	HAS	1	
CHAPA	1	*	ETH	2	* 1↑	HAST	1	
CHEP	1	new	F	5	*	HB	1	
CHIS	1		FCAB	1	new	HBG	3	
CHR	3	*	FCME	1	*	HBI	1	
CHRB	1	new	FCO	1		HBNU	1	new
CICY	1		FCQ	1		HCIO	1	
CIIDIR	1		FHI	1		HEID	1	new
CL	1	*	FHO	1		HGAS	1	
CLF	1		FI+FT	4	*	HGU	1	new
CM	2		FLAS	2		HIB	1	
CMMI	1		FNU	1		HIRO	2	
CNR	1	new	FR	1	*	HMAS	5	
CNS	2	*	FSU	1		HN	2	
COI	3		FTG	2		HNM	1	new
COL	3	*	FUS	1		HNNU	1	
COLO	1		G	7	*	HNU	1	
CONC	1	*	GA	1		HNWP	2	
CONN	1		GAS	1	new	HO	1	*
CORD	2	*	GAT	2		HSC	1	
CR	1		GAUBA	1	new	HSNU	1	
CSH	1	new	GB	4		HSS	1	new

Herbarium code	Votes	Note	Herbarium code	Votes	Note	Herbarium code	Votes	Note
HUA	1		KMG	1	*	LWI	1	new
HUB	2	*	KOR	1		LYD	1	*
HUJ	2		KPABG	1	new	LZ	1	
HUQ	1	new	KPBG	1	*	M	5	*
HUT	1		KR	1		MA	4	*
HUTI	1	new	KRA	2		MAF	1	*
HWA	1		KRAM	3		MAG	1	
HZU	1		KSC	1		MAK	2	
I	1		KUH	2	*	MAL	1	
IAN	1		KUN	5		MANCH	1	
IB	1		KW	5	*	MARSSJ	1	
IBGE	1		KWHU	1	new	MARY	1	*
IBK	2		KYO	2	*	MASS	1	
IBSC	4		L	7	*	MBM	1	
IBUG	2		LA	1		MCNS	1	new
ICEL	1		LAE	1		MEL	6	*
ICN	1		LATV	1		MELU	2	*
ID	1		LAU	1		MEXU	5	*
IEB	1	*	LBL	1		MG	1	
IFP	2		LD	6		MGC	1	
IJ	1		LDS	1	*	MH	2	*
ILL	1	*	LE	7	*	MHA	2	
ILLS	1	*	LECB	1		MHU	1	*
IND	1	*	LG	2	*	MICH	4	*
INH	1	new	LI	1		MIL	1	
INPA	1		LIL	3		MIN	2	
IRAN	2	*	LISC	2	*	MJG	1	
ISC	2		LISE	1		MO	7	*
ISL	1	*	LISI	1		MONTU	1	
ISMAR	1	new	LISU	2		MOR	1	
ISTE	2	*	LIV	2		MPU	2	*
ISTF	1	*	LJF	1	new	MSB	1	*
J	1		LJU	1		MSC	2	*
JACA	1		LMA	1	*	MSK	1	*
JBSD	1		LMU	1	*	MSM	1	
JCT	1	*	LOD	1		MT	2	*
JE	3	*	LP	1		MU	1	
K	7	*	LPB	1		MUB	1	
KANA	1		LPS	1		MUCL	1	
KANU	1	*	LSU+LSUM	2		MVM	1	
KATH	2	1↑	LTB	1	*	MW	3	* 1↑
KB	3	new	LTR	1		MY	1	
KEP	1		LUX	1		N	1	
KFBG	1	new	LW	1		NA	1	*
KLU	1		LWG	2		NAI	1	

Herbarium code	Votes	Note	Herbarium code	Votes	Note	Herbarium code	Votes	Note
NAP	1		PH	2		SGN	1	new
NAS	2		PI	2		SGO	1	
NBG	2	*	PMA	1	*	SHIN	1	
NCSC	1		PNH	1		SHM	1	
NCU	2		PO	1		SI	3	
NE	1	*	PORT	1		SING	3	* 1↑
NEFI	1		POZ+POZG	2	*	SIU	1	
NEU	1		PR+PRM	2	*	SLO	2	*
NF	1		PRC	3	*	SM	1	
NH	1	*	PRE	6	*	SNU	2	
NICH	2		PREM	2		SOA	1	
NMW	1		PRU	1	*	SOM	3	
NR	1	new	PTBG	1	*	SP	4	*
NRRL	2		PUC	1	*	SPF	2	*
NS	1		PYU	1		SRGH	2	*
NSK	1		QCA	1		SS	1	
NSW	6	*	QCNE	1	*	STA	1	
NT	1		QFA	1		STU	2	
NTUF	1		R	2		SUVA	1	
NU	1	*	RAB	1		SVER	1	
NWTC	1		RAW	1		SWFC	1	
NY	7	*	RB	6	* 1↑	SYD	1	*
NYS	1		REG	2		SYS	1	
NZFRI	1	*	RHT	1		SZ	1	
O	5		RIG	1		TAA	2	
OAC	1		RM	1		TAES	1	
OKL	1		RNG	2	*	TAI	1	
OLD	1		RO	1		TAIF	1	
OS	2		ROV	1	new	TAN	1	
OSC	1	*	RSA	2		TARI	1	
OULU	1	*	RUBL	1		TASH	2	
OWU	1		S	6		TAU	1	
OXF	1		SAN	1		TBI	2	
P+PC	7	* 1↑	SAP	1		TCD	1	*
PAC	1		SAPS	1	new	TELA	1	
PACA	1		SAR	1		TENN	1	
PAD	2	*	SARA	1		TEX	4	*
PAL	3	*	SASK	1		TFC	1	
PAV	2		SAV	1	*	TI	4	
PDA	1		SBBG	1		TK	1	
PDD	1	*	SBT	1		TL	1	
PE	7		SD	1		TMI	1	
PERTH	3	*	SEL	1	new	TNS	5	
PERU	1		SEV	2		TO	1	
PG	1	new	SFSU	1		TRH	2	

Herbarium code	Votes	Note	Herbarium code	Votes	Note	Herbarium code	Votes	Note
TRIN	1		UME	2		WH	1	
TRN	1		UNL	1		WIND	1	*
TRT	1	*	UNM	1	*	WIR	2	* 1↑
TRTC	1		UPA	2	*	WIS	2	
TSB	2		UPS	4		WRSL	1	
TSH	1	new	URM	1		WS	1	
TU	2	*	US	7	*	WSP	1	
TUB	1		USF	1		WSY	1	*
TUR	2	*	USM	2		WTU	2	
TUS	1		USMS	1	new	WU	5	*
UAMH	1		UT	1		WUK	2	
UAMIZ	1		UTC	1	*	WVA	1	*
UB	1		UWO	1		XAL	2	*
UBA	1		UWSP	1		XJA	1	
UBC	2		V	1		XJBI	1	
UC	5	*	VAL	2		XJU	1	
UCJ	1		VEN	2	*	YA	1	
UCR	1		VLA	1		YU	1	
UDW	1	*	VPI	1		YUKU	1	
UEC	2	*	VT	1	*	Z+ZT	3	
UGDA	1	new	W	3	*	ZA	1	
UKMB	1		WA	3		ZULU	1	*
ULT	1		WELT	2	* 1↑			

### Acknowledgements

We warmly thank Barbara M. Thiers (NY) for kindly providing data from Index Herbariorum.

### Literature cited

- Demissew, S. & Funk, V.** 2013. Institutional votes for the 2017 Nomenclature Section. *Taxon* 62: 648–649. <http://dx.doi.org/10.12705/623.33>
- Flann, C., Turland, N.J. & Monro, A.M.** 2014. Report on botanical nomenclature—Melbourne 2011. XVIII International Botanical Congress, Melbourne: Nomenclature Section, 18–22 July 2011. *PhytoKeys* 41: 1–289. <http://dx.doi.org/10.3897/phytokeys.41.8398>
- Flann, C., McNeill, J., Barrie, F.R., Nicolson, D.H., Hawksworth, D.L., Turland, N.J. & Monro, A.M.** 2015. Report on botanical nomenclature—Vienna 2005. XVII International Botanical Congress, Vienna: Nomenclature Section, 12–16 July 2005. *PhytoKeys* 45: 1–341. <http://dx.doi.org/10.3897/phytokeys.45.9138>
- McNeill, J., Barrie, F.R., Buck, W.R., Demoulin, V., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Marhold, K., Prado, J., Prud'homme van Reine, W.F., Smith, G.F., Wiersema, J.H. & Turland, N.J. (eds.)** 2012. *International Code of Nomenclature for algae, fungi, and plants (Melbourne Code): Adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011*. Regnum Vegetabile 154. Königstein: Koeltz Scientific Books.
- Thiers, B.** Continuously updated. Index Herbariorum: A global directory of public herbaria and associated staff. New York Botanical Garden's Virtual Herbarium. <http://sweetgum.nybg.org/science/ih/>
- Wilson, K.L.** 2012. Report of the General Committee: 12. *Taxon* 61: 878–879.