Supplementary Information:

Cadmium Tolerance and Accumulation Characteristics of Wetland Emergent Plants under Hydroponic Conditions

Yangyang Wang[a,b,#], Ningqing Lv[b,#], Xuhui Mao[c], Zheng Yan[d], Jinsheng Wang[b,e], Wenbing Tan[b], Tongtong Li[b], Hui Liu[b], Lei Wang[*,a,b], Beidou Xi[*,a,b]

[a] Key Laboratory of Clean Energy of Liaoning, College of Energy and Environment, Shenyang Aerospace University, Shenyang 110136, China

[b] State Environmental Protection Key Laboratory of Simulation and Control of Groundwater Pollution, Chinese Research Academy of Environmental Sciences, Beijing 100012, P. R. China

[c] School of Resources and Environmental Science, Wuhan University, Hubei, Wuhan 430070, P. R. China

[d] Chinese Society For Environmental Sciences, Beijing 100012, P. R. China

[e] Shenzhen Long Cheng High-tech Environmental protection Co., Ltd., Shenzhen Guangdong 518063

* Corresponding author

Dr. Lei Wang

E-mail addresses: wanglei01@craes.org.cn (Wang, L.); xibeidou@yeah.net (Xi, B.D.)

Table. S1. Concentrations of Cd in the roots, stems, and leaves of wetland emergent plants under Cd treatments.

Treatment mg/L		Root		Stem		Leaf	
	ck	2.8±0.7	a	1.5±0.5	a	1.5±0.2	a
	5.00	91.7±4.6	b	34.4±2.5	b	7.7±1.0	b
Iris sibirica L.	10.00	259.2±7.6	c	54.9±4.1	c	31.2±3.5	c
	15.00	373.1±5.1	d	172.0±3.9	d	17.7±3.2	d
	25.00	463.8±9.5	e	258.4±4.9	e	56.9±3.4	e
	ck	6.9±1.3	a	5.6±0.9	a	4.1±1.1	a
	5.00	542.5±8.7	b	43.0±4.3	b	17.5±3.5	b
Cyperus alternifolius L.	10.00	757.0±8.5	c	57.8±3.2	c	36.9±5.0	c
	15.00	804.0±4.9	d	88.3±4.6	d	57.3±4.1	d
	25.00	915.0±4.2	e	92.3±3.7	e	65.8±2.0	e
	ck	3.7±0.4	a	2.16±0.1	a	4.9±0.3	a
	5.00	264.8±6.5	b	25.0±2.8	b	2.9±0.2	a
Typha orientalis Presl	10.00	635.5±3.7	c	138.3±2.5	c	15.9±1.7	b
	15.00	511.5±2.7	d	70.1±2.7	d	2.4±0.2	a
	25.00	1227.0±22.1	e	213.7±8.4	e	27.3±2.7	c
	ck	6.6±0.4	a	3±0.3	a	1.5±0.2	a
	5.00	57.0±3.3	b	13.0±0.5	b	5.8±0.3	b
Acorus calamus L.	10.00	364.3±4.4	c	26.8±1.5	c	12.3±1.2	c
	15.00	412.5±1.6	d	25.5±1.7	c	12.2±1.2	c
	25.00	360.9±5.4	c	43.3±2.6	d	14.1±0.8	c

Data are means ± S.D. (n = 3). One-way ANOVA (1 factor: different Cd treatments) were performed for each parameter. Means with different letters are significantly different from each other ($P < 0.05$) according to the LSD test.