SUPPORTING INFORMATION

"Influence of Coordination Geometry upon Copper(II/I) Redox Potentials. Physical Parameters for Twelve Copper Tripodal Ligand Complexes"
Ambundo, E. A.; Deydier, M.-V.; Grall, A. J.; Aguera-Vega, N.; Dressel, L. T.; Cooper, T. H.; Heeg, M. J.; Ochrymowycz, L. A.; Rorabacher, D. B. *Inorg. Chem.* **1999**, *38*, 0000-0000

Table S1. Formal Potential Values and Logarithmic Stability Constants for Copper(II/I) Complexes Included in Figure 4

Complexed Ligand	E^f, V	log $K_{Cu^{II}L}$	log $K_{Cu^{I}L}$	ref
Macrocyclic S_6				
[21]aneS_6	0.89	1.09	14.9	a
Macrocyclic N_xS_{5-x}				
[15]aneS_5	0.68	4.18	13.6	b, c
[15]aneNS_4	0.46	9.80	15.6	b, c
[15]aneN_2S_3	0.10	16.02	15.7	b, c
Macrocyclic: N_xS_{4-x}				
[14]aneNS_3	0.38	9.25	13.6	b, c
[14]aneN_2S_2	0.04	15.26	13.9	b, c
[14]aneNSSN	-0.01	15.72	13.5	b, c
[14]aneN_3S	≈ -0-24	≈20	≈13.7	b, c
[14]aneN_4	-0.66	27.2	13.8	b, c
Macrocyclic: S_3				
[9]aneS_3	0.72	4.42	14.4	d
Macrocyclic: S_4, variable cavity				
[13]aneS_4	0.52	3.44	10.0	e, f
[14]aneS_4	0.58	4.34	12.0	c, e
[15]aneS_4	0.64	3.17	11.8	e, f
[16]aneS_4	0.71	2.20	12.0	e, f
Substituted Macrocyclic: S_4, variable cavity				
oxathiane-[12]aneS_4	0.72	3.02	13.0	g
[13]aneS_4-ol	0.54	3.1	10.0	g
[14]aneS_4-ol	0.49	5.59	10.7	g
[15]aneS_4-ol	0.71	2.28	12.1	g
[16]aneS_4-ol	0.73	1.51	11.6	g
Acyclic: S_4				
Me_2-2,3,2-S_4	0.79	1.97	13.1	h
Me_2-3.2.3-S_4	0.83	1.18	13.0	h
cis-cyhx-Me_2-3.2.3-S_4	0.75	2.45	13.0	h
trans-cyhx- Me_2-3.2.3-S_4	0.77	2.94	13.8	h

Tripodal: NS_xpy_{3-x}				
TMMEA	0.68	6.29	15.8	i
TEMEA	0.67	6.35	15.5	i
PMMEA	0.38	11.06	15.4	i
PMAS	0.40	10.48	15.0	i
PEMEA	0.60	7.89	15.8	i
PEAS	0.61	7.87	15.9	i
BPMMEA	0.06	16.10	15.0	i
BPMEEA	0.08	15.82	15.0	i
BPEMEA	0.46	9.10	14.6	i
BPEEEA	0.47	9.20	15.0	i
TPMA	-0.15	17.6	12.9	i
TPEA	0.51	9.35	15.8	i

[a] Kulatilleke, C. P.; Ochrymowycz, L. A.; Rorabacher, D. B., unpublished results. [b] $Cu^{II}L$ stability constants: Westerby, B. C.; Juntunen, K. L.; Leggett, G. H.; Pett, V. B.; Koenigbauer, M. J.; Purgett, M. D.; Taschner, M. J.; Ochrymowycz, L. A.; Rorabacher, D. B. *Inorg. Chem.* **1991**, *30*, 2109-2120. [c] E^f values: Bernardo, M. M.; Heeg, M. J.; Schroeder, R. R.; Ochrymowycz, L. A.; Rorabacher, D. B. *Inorg. Chem.* **1992**, *31*, 191-198. [d] Krylova, K.; Kandegedara, A.; Ochrymowycz, L. A.; Rorabacher, D. B., unpublished results. [e] $Cu^{II}L$ stability constant: Sokol, L. S. W. L.; Ochrymowycz, L. A.; Rorabacher, D. B. *Inorg. Chem.* **1981**, *20*, 3189-3195. [f] E^f values: Bernardo, M. M.; Schroeder, R. R.; Rorabacher, D. B. *Inorg. Chem.* **1991**, *30*, 1241-1247. [g] Krylova, K.; Jackson, K. D.; Vroman, J. A.; Grall, A. J.; Snow, M. R.; Ochrymowycz, L. A.; Rorabacher, D. B. *Inorg. Chem.* **1997**, *36*, 6216-6223. [h] Dunn, B. C.; Wijetunge, P.; Vyvyan, J. R.; Howard, T. A.; Grall, A. J.; Ochrymowycz, L. A.; Rorabacher, D. B. *Inorg. Chem.* **1997**, *36*, 4484-4489. [i] This work.