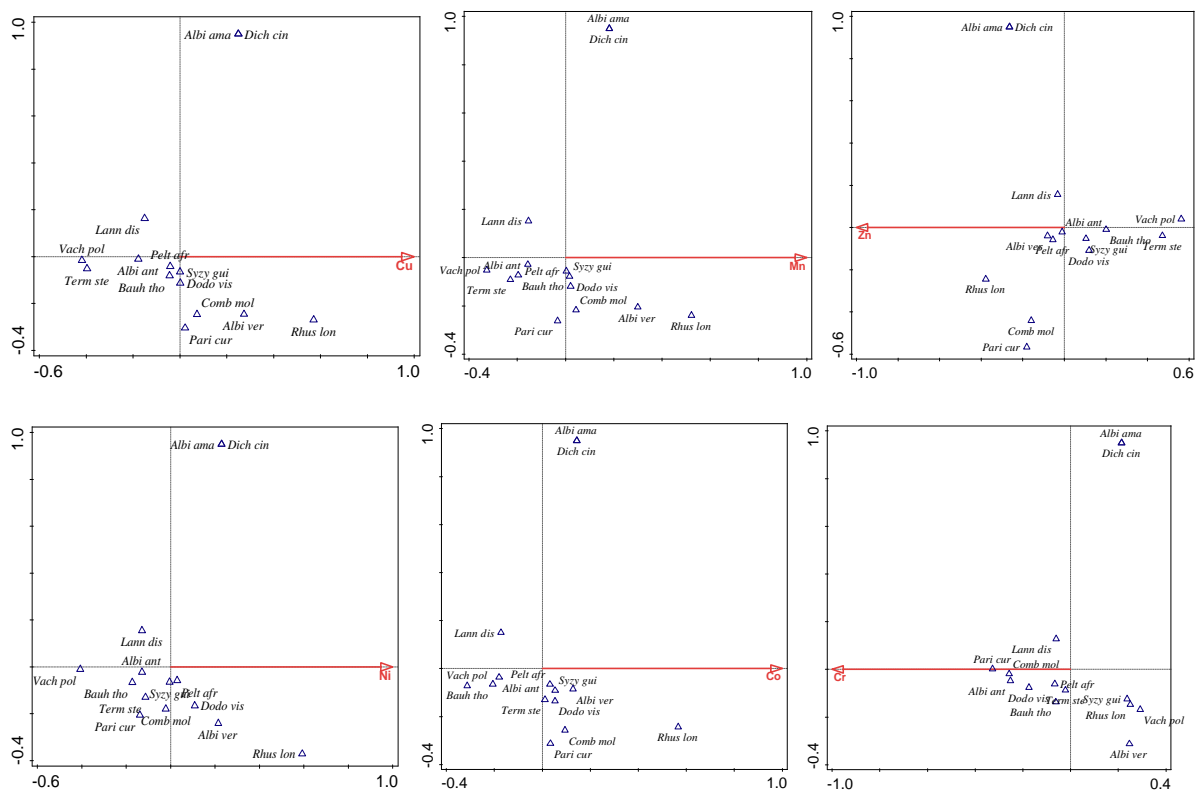
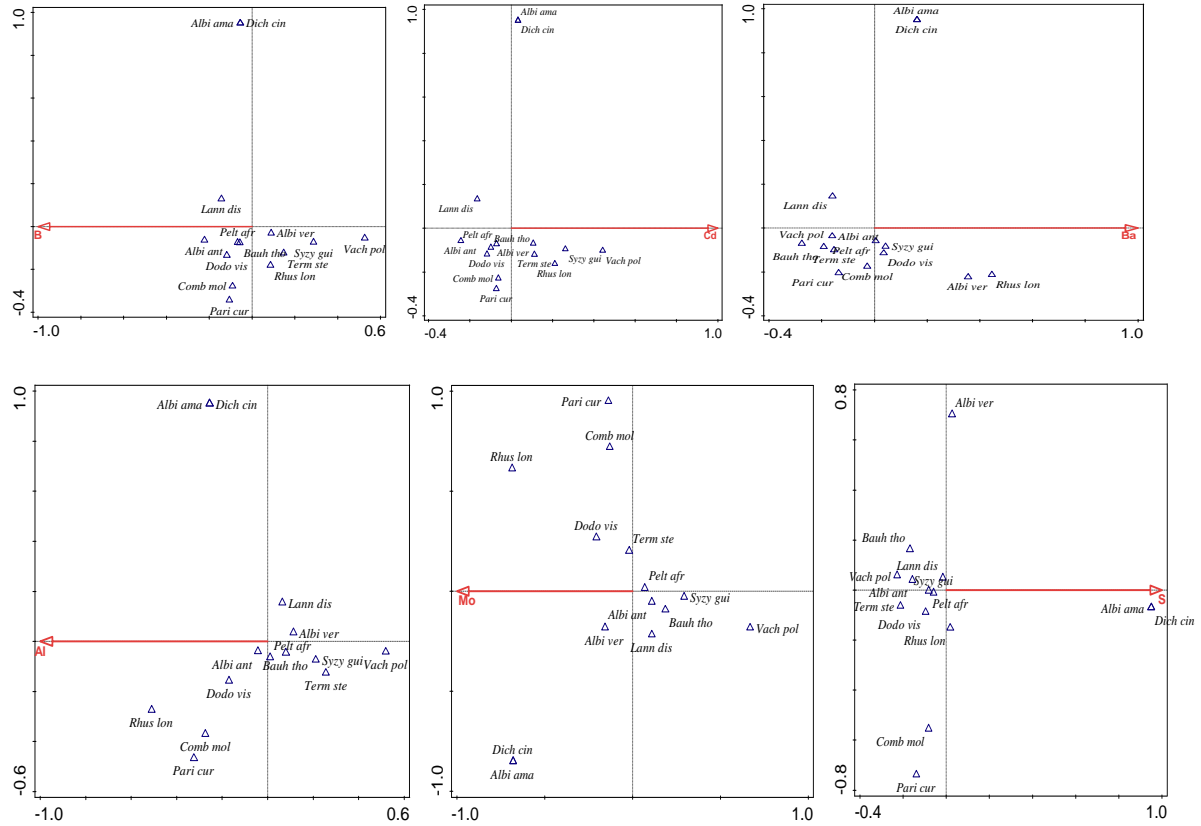


Appendix 1. Mean heavy metal concentration of Copperbelt tailings dams, Screening Benchmark and CCMERC soil metal guideline limits

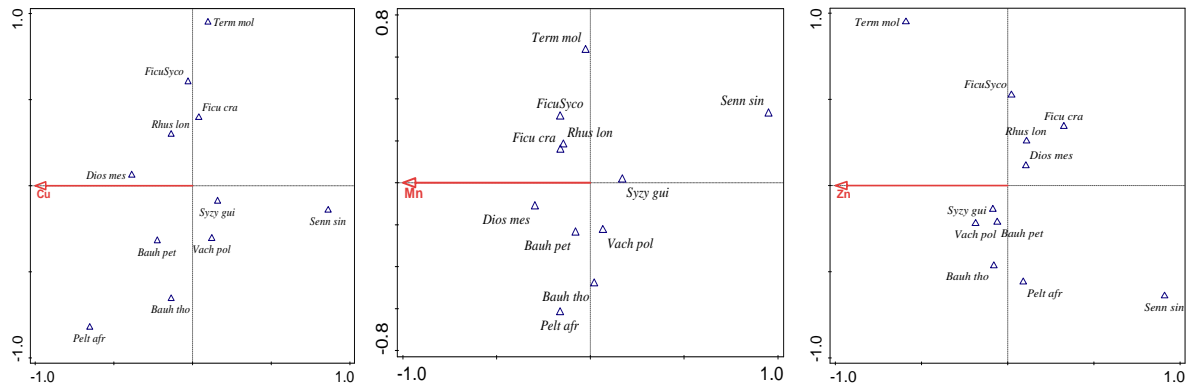
Heavy metal	Mean (mg/kg) ± SE	Screening (mg/kg)	Benchmark CCMERC (mg/kg)
Cu	17425 ± 2158	200	150
Mn	11369 ± 1038	500	-
Zn	227 ± 31.576	50	600
Ni	197 ± 45	30	150
Cr	628 ± 32	1	750
Co	1073 ± 406	20	40
B	407 ± 62.3	0,5	2
Ba	939 ± 232	500	750
Mo	55.8 ± 7.7	2	5

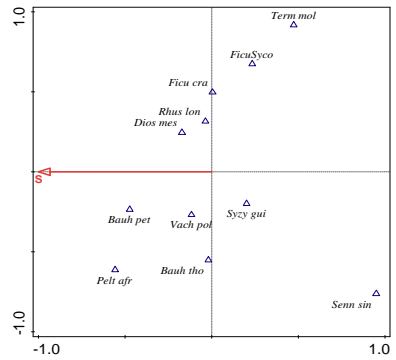
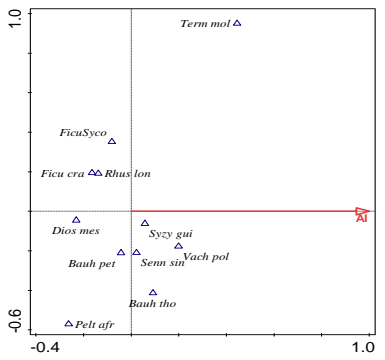
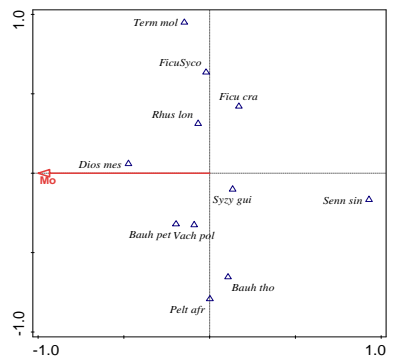
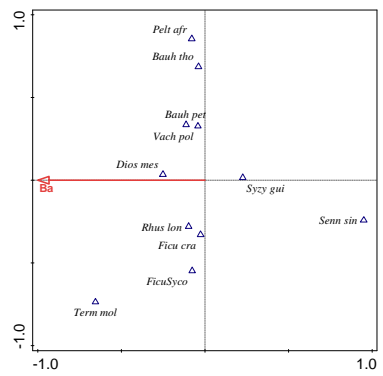
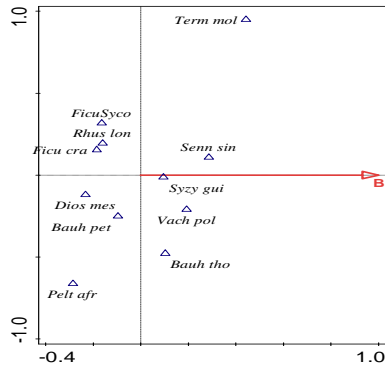
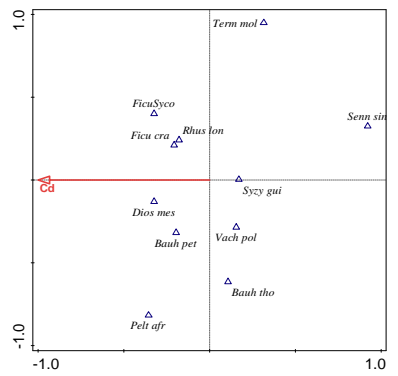
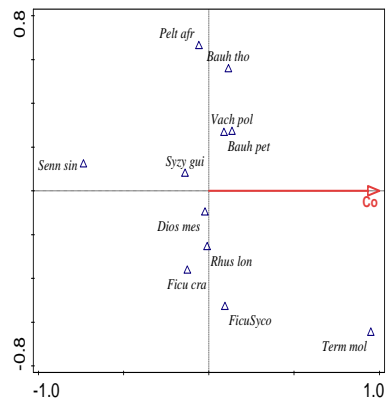
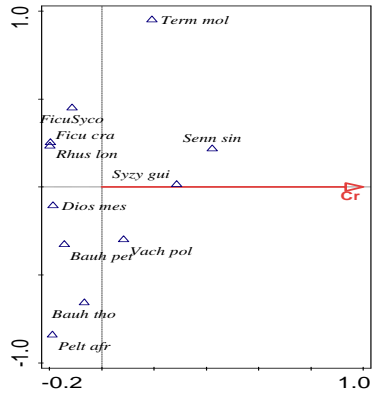
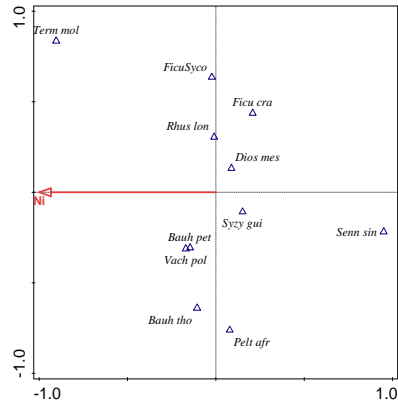
Appendix 2. CCA analysis showing influence of heavy metals on species richness and abundance on TD25 (Kitwe)



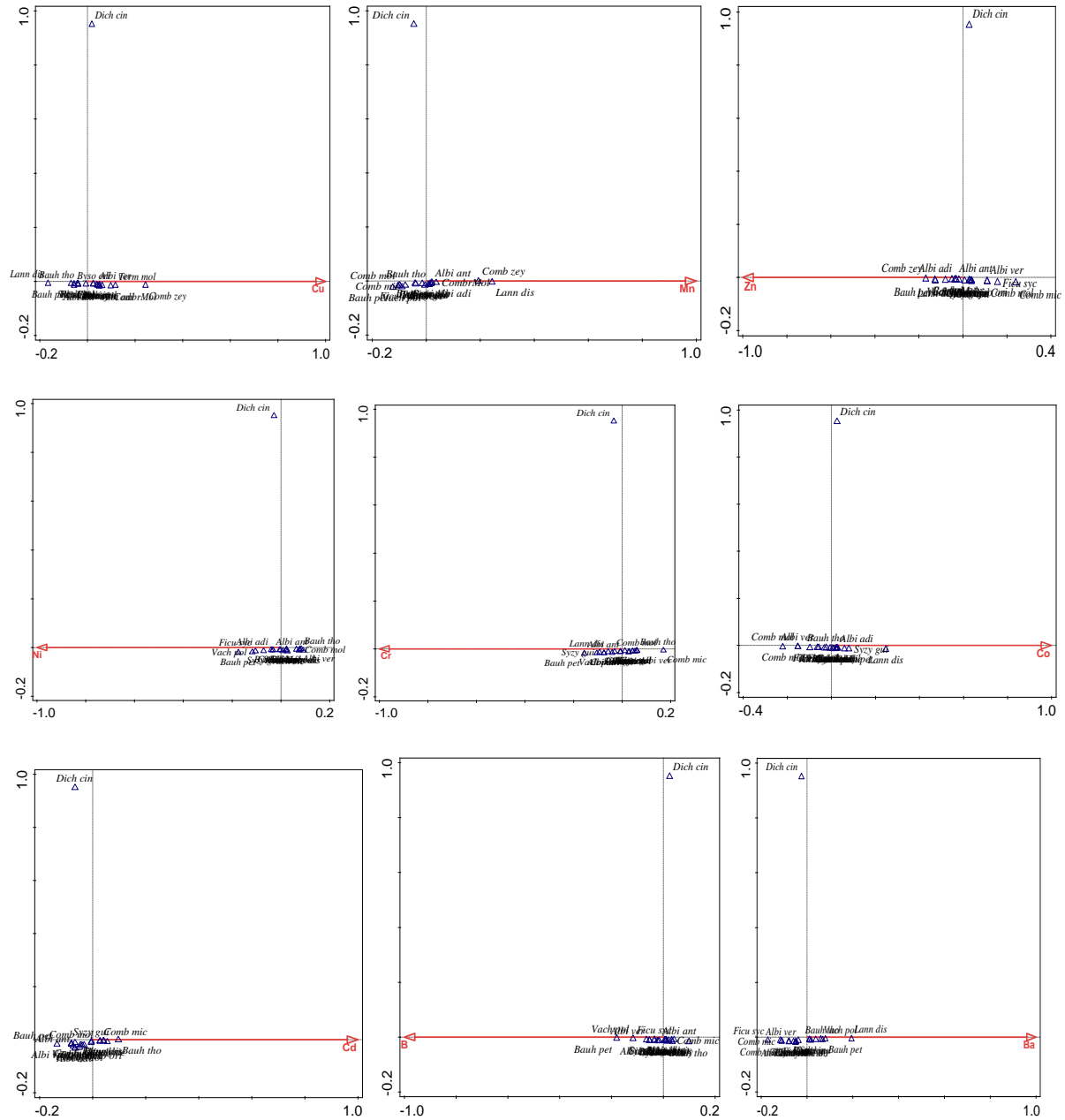


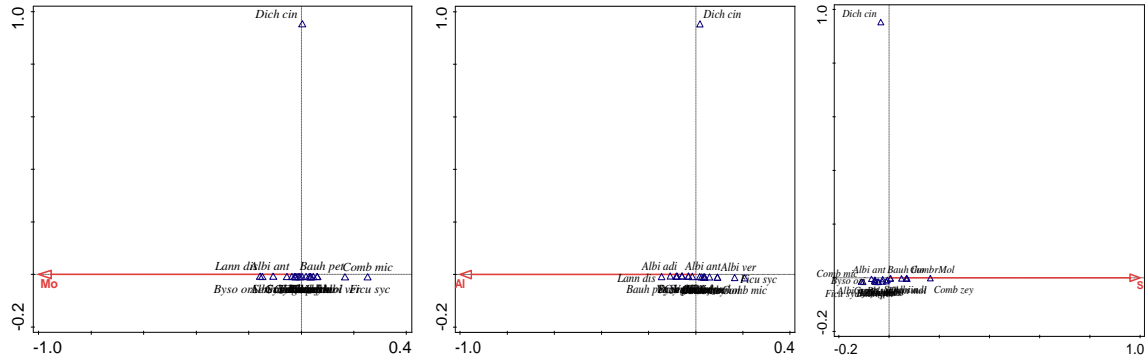
Appendix 3. CCA analysis showing influence of heavy metals on species richness and abundance on TD26 (Kitwe)



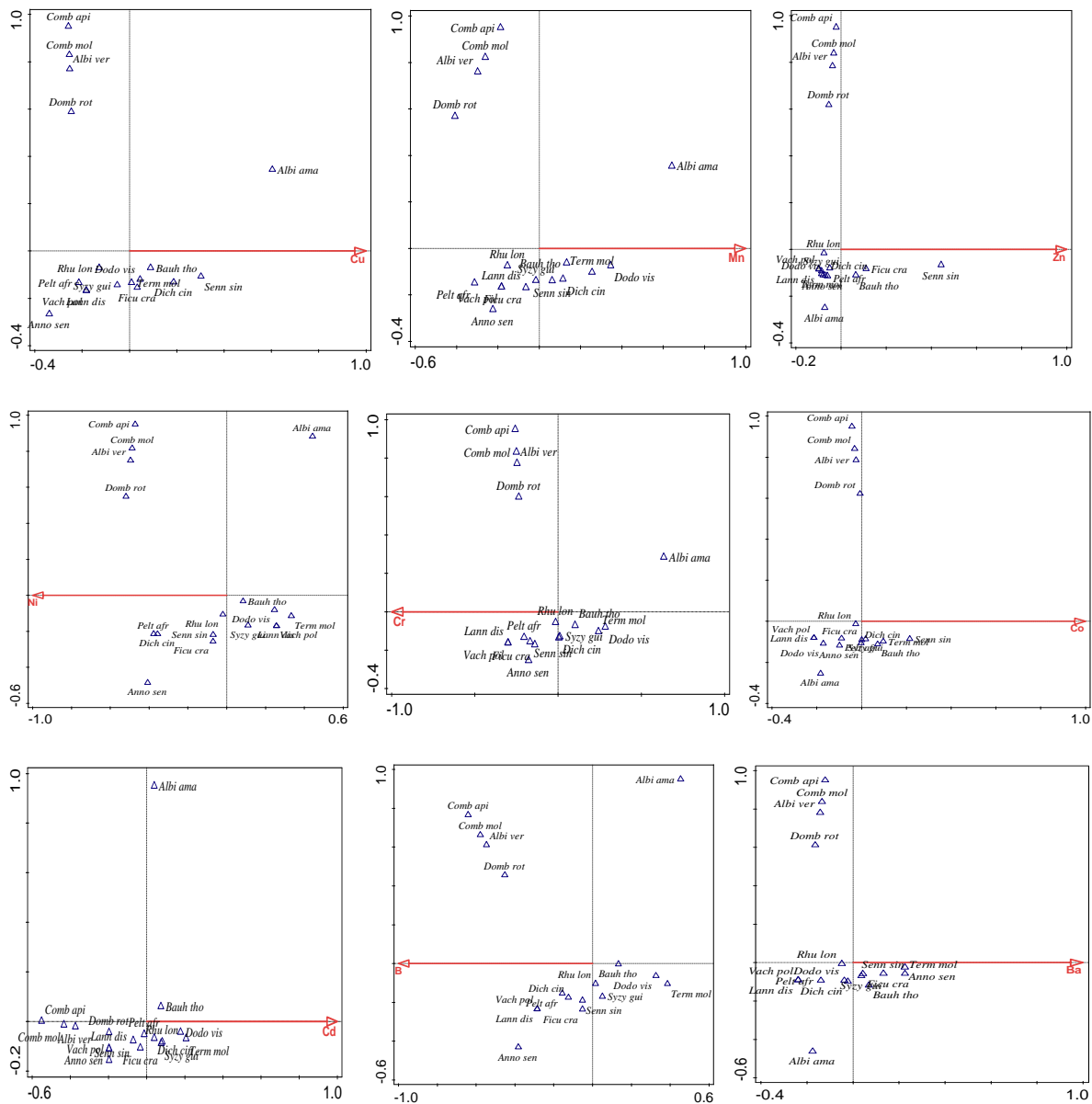


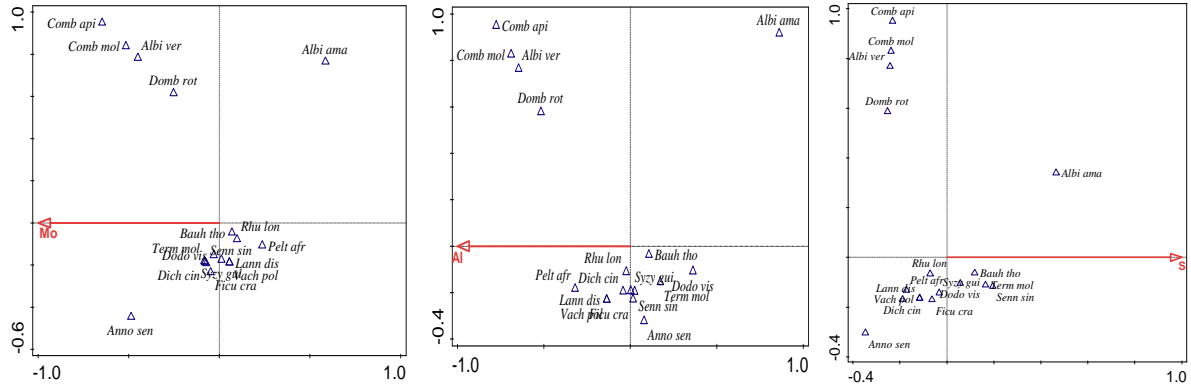
Appendix 4: CCA analysis showing influence of heavy metals on species richness and abundance on TD24 (Luanshya)



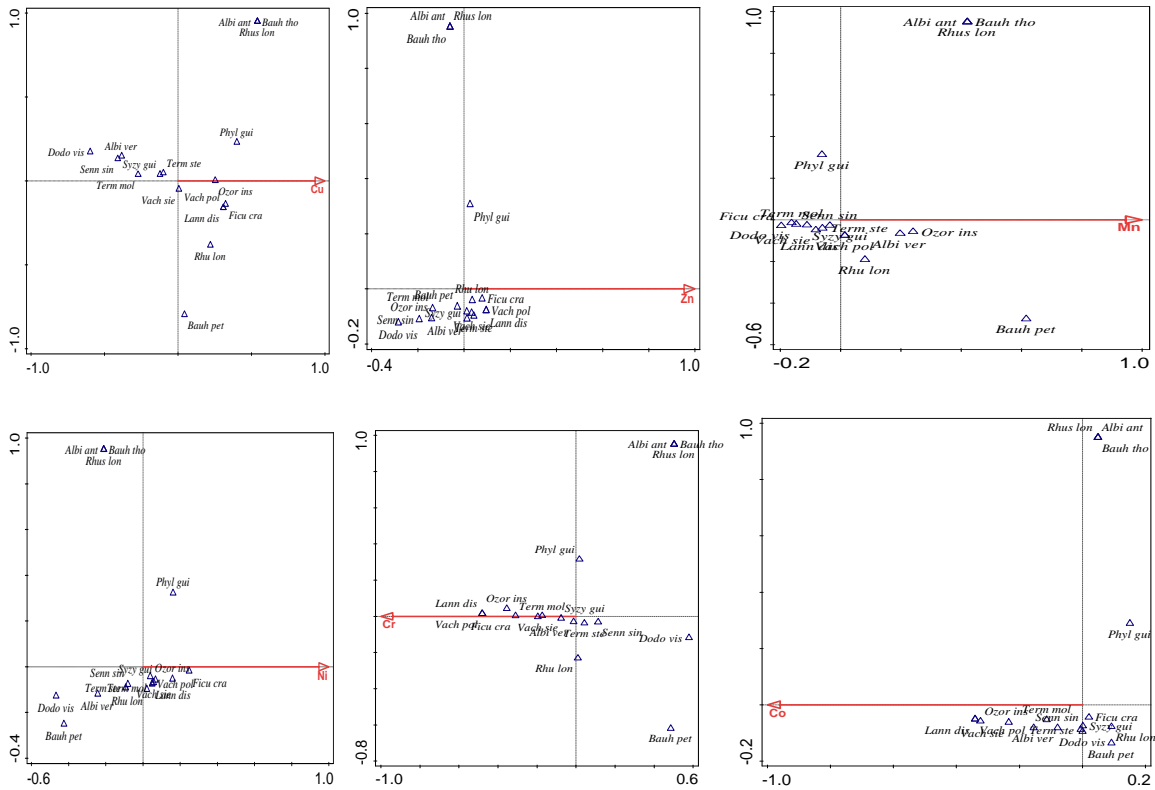


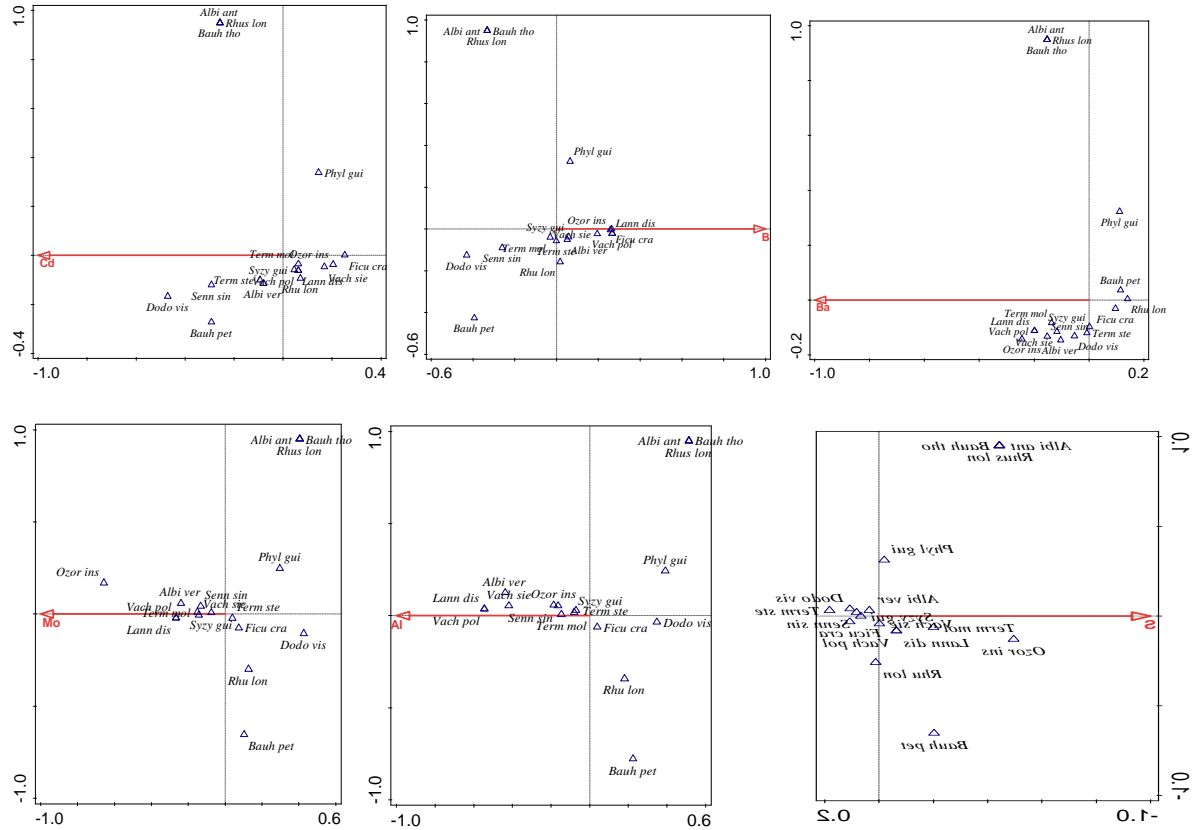
Appendix 5. CCA analysis showing influence of heavy metals on species richness and abundance on TD25 (Luanshya)



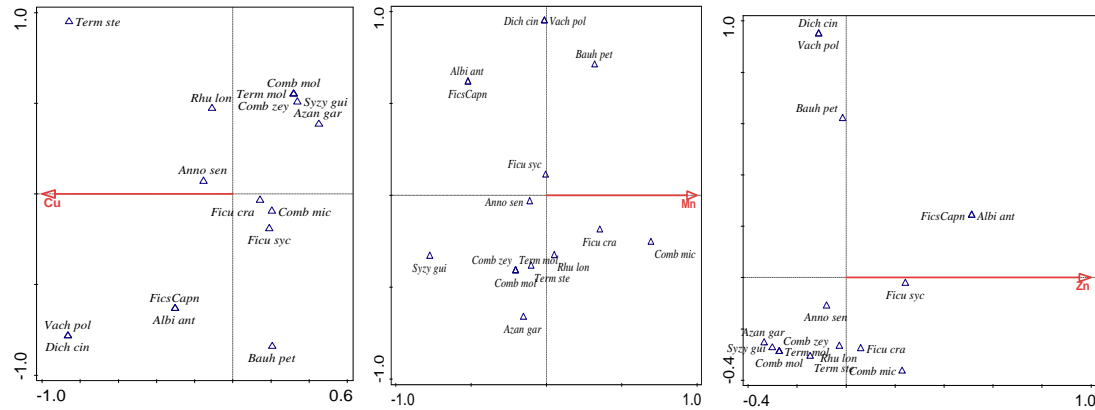


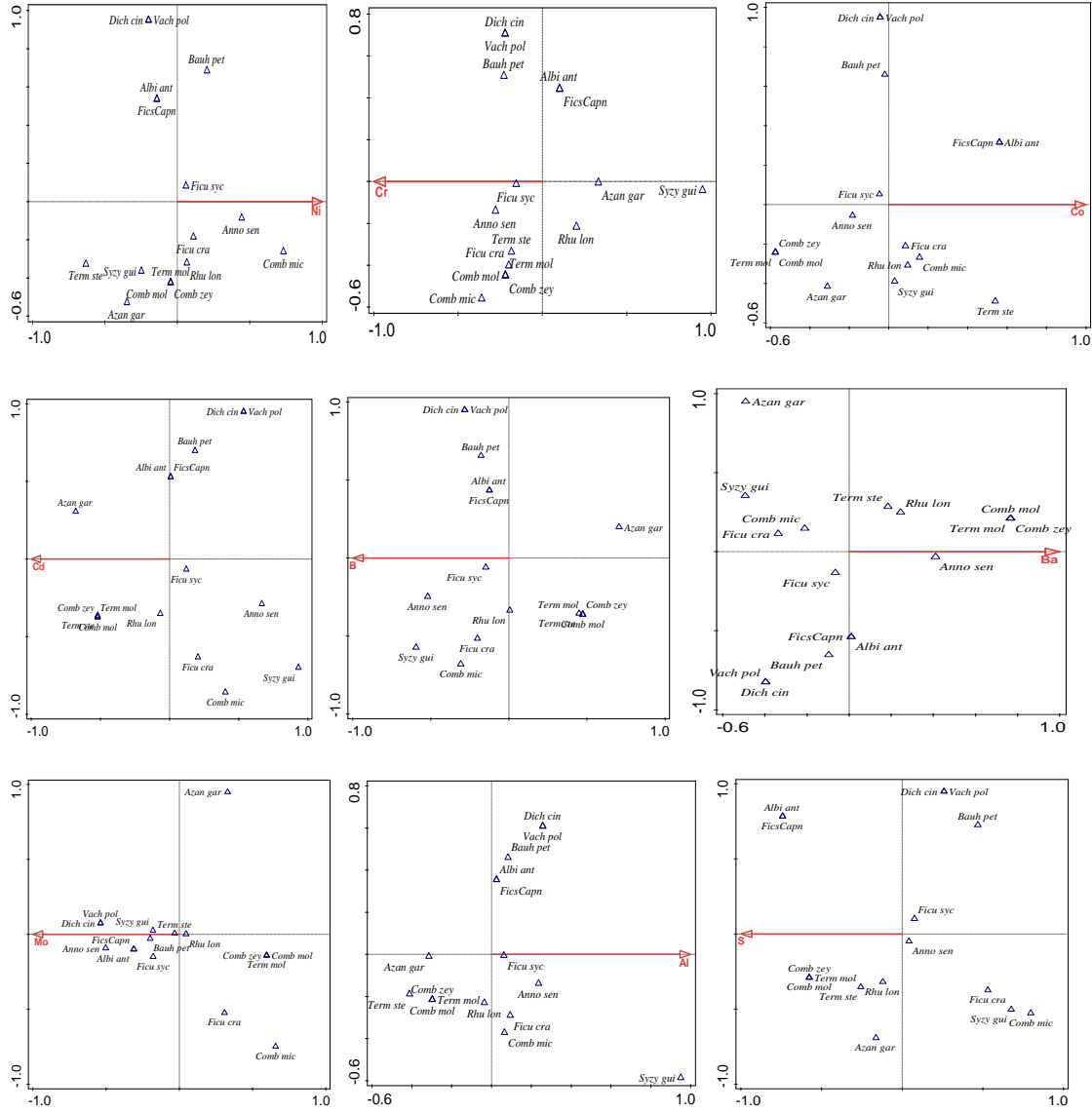
Appendix 6. CCA analysis showing influence of heavy metals on species richness and abundance on TD26 (Luanshya)





Appendix 7. CCA analysis showing influence of heavy metals on species richness and abundance on TD8 (Mufulira)





Appendix 8. CCA analysis showing influence of heavy metals on species richness and abundance on TD10 (Mufulira)

