

spiders, concentrations, *Coelotes terrestris*, *Pirata piraticus*, populations, BAERT, Belgium, habitat fragmentation, Kluwer Academic Publishers, Cadmium concentrations, European Colloquium, indicators, woodland habitats, heavy metal, *Porcellio scaber*, variation present, Cadmium, *Pardosa pullata*, *Clubiona phragmitis*, *Oniscus asellus*, soil texture, *Pardosa pullata* *Pardosa palustris* *Porcellio scaber* *Lochristie* *Pardosa palustris* *Porcellio scaber* *Destelbergen* *Pardosa palustris* *Porcellio scaber*, woodlice, population genetic, East Flanders, Atomic Absorption Spectrometry, natural areas, taxonomic groups, spider species, Metal concentrations, Heavy metal concentrations, rapid economic development, developmental instability, eggs, M. Zabka, Bioindicator systems for soil pollution, allelic frequencies

Spiders as bio-indicators of anthropogenic stress in natural and semi-natural habitats in Flanders (Belgium): some recent developments