ABSTRACT. The *Perinereis nuntia* species group is revised on the basis of material from worldwide localities. Twenty available names are reduced to 12 recognised species, including two new species: *Perinereis akuna* (from southern Australia) and *P. namibia* (from southern Africa). Specimens from Indonesia and from Juan Fernandez Islands cannot be identified and may represent two additional undescribed species. *Perinereis broomensis* Hartmann-Schröder, 1979 is synonymised with *P. nuntia* (Savigny, 1818) for the first time. A key to species is provided.