

## Biography Dr. Ernst R. Swartz

### Contact details

South African Institute for Aquatic  
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### Employment and experience:

- Researcher at the South African Institute for Aquatic Biodiversity (SAIAB) in Grahamstown since 2005.
- Functions include general research of freshwater fish and management of the molecular laboratory and biomaterial bank.
- Post-graduate research through the Universities of Stellenbosch and Pretoria focussed on the phylogeography and conservation of threatened fishes of the Cape Floristic Region in South Africa and the conservation of the Maloti redbfin in Lesotho.

### Research interests:

- Exploration and documentation of aquatic biodiversity in southern Africa
- Biogeography and systematics of freshwater fishes
- Conservation genetics of threatened freshwater fish species

### Relevant publications

- Swartz, E. R. 2005. Phylogeography, phylogenetics and evolution of the redfins (Teleostei, Cyprinidae, *Pseudobarbus*) in southern Africa. PhD thesis, University of Pretoria, Pretoria.
- Impson, D. and Swartz, E. 2002. Threatened fishes of the world: *Barbus calidus* Barnard, 1938 (Cyprinidae). Environmental Biology of Fishes 63: 340.
- Swartz, E. R., Flemming, A. F. and Mouton, P. le F. N. 2004. Contrasting genetic patterns and population histories in three threatened redbfin species (Cyprinidae) from the Olifants River System, western South Africa. Journal of Fish Biology 64: 1153-1167.
- Skelton, P., Rall, J., Swartz, E., Bloomer, P., Bills, R., Tweddle D. 2001. Contract LHDA 1041: Maloti Minnow Conservation Project. SAIAB, Grahamstown. To: Lesotho Highlands Developmental Authority.
- Rall, J., Swartz, E., Skoroszewski, R. and Cunningham, M. 2002. Contract LHDA 1041: Determination of sanctuary sites outside the Mohale catchment and transplantation of Maloti minnow to identified sanctuaries. SAIAB, Grahamstown. To: Lesotho Highlands Developmental Authority.