

Diversity and distribution of octocorals and scleractinians in the Persian Gulf region

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Stellingen behorende bij het proefschrift van Kaveh Samimi-Namin

"Diversity and distribution of octocorals and scleractinians in the Persian Gulf region"

- 1. The known diversity and distribution of shallow water octocorals in the NW Indian Ocean, the Persian Gulf, Oman Sea, and the Arabian Sea, is much higher than previously thought. *This thesis*.
- 2. In contrast to the pattern of hard coral diversity, with its maximum located in the Coral Triangle region, some octocoral genera are most diverse in the western Indian Ocean. *This thesis*.
- 3. The central Indian Ocean is an understudied area that could provide critical information about diversity patterns of octocorals in the Indo-Pacific. *This thesis*.
- 4. The Persian Gulf may serve as a model ecosystem for studying climate change. *This thesis*.
- 5. Our knowledge of octocoral diversity is still poor because octocoral taxonomy requires a time-consuming combination of fieldwork, microscopic analyses and DNA sequencing.
- 6. A better understanding of the shallow water coral fauna should get priority over research regarding the deep water species.
- 7. Whenever possible, taxonomic classifications should be based on a combination of morphology and data derived from molecular methods.
- 8. The value of taxonomy is being neglected, and eventually this will result in a lack of taxonomists in the future.
- 9. Scientists should report results of their research, whether they support their hypothesis or not, as accurately and unbiased as possible.
- 10. Everybody's experience of the world is different. The key to peace is respect.
- 11. Always be thankful to the people who supported you during your journey. This will avoid being embarrassed when your paths cross in the future.