

Reports and Publications Overview

Below you will find an overview of the reports and publications on biodiversity related subjects in the Dutch Caribbean that have recently been published.

"Axelrod, F.S. (2017).

A Systematic Vademecum to the Vascular Plants of Sint Eustatius. Botanical Research Institute of Texas. Botanical Miscellany Series 44. ISBN-13: 978-1-889-878-57-7 "

"Baldwin, C.C., Tornabene, L., Robertson, D.R., Robertson, Nonaka, Gilmore, R.G. (2018).

More new deep-reef basslets (Teleostei, Grammatidae, Lipogramma), with updates on the eco-evolutionary relationships within the genus. Zookeys 729: 129-161"

"Chollett, I., Collin, R., Bastidas, C., Cróquer, A., Gayle, P.M.H., Jordán-Dahlgren, E. et al. (2017).

Widespread local chronic stressors in Caribbean coastal habitats. PLOS ONE, Vol. 12 (12), 1-19."

"Condor-Luyan, B., Louzada, T., Hajdu, E., Klautau, M. (2018).

Morphological and molecular taxonomy of calcareous sponges (Porifera: Calcarea) from Curaçao, Caribbean Sea. Zoological Journal of the Linnean Society"

"Bertuol, P., Eckrich, C.E., Galitzki, E., Eybrecht, L., Debrot, A.O. (2017).

Results of management actions for tern populations on Bonaire, Abstract in scientific journal or proceedings."

"Boman, E.M., Graaf, M. de, Nagelkerke, A.J., Stoner, A.W., Bissada, C.E. et al. (2018).

Variability in size at maturity and reproductive season of queen conch *Lobatus gigas* (Gastropoda: Strombidae) in the Wider Caribbean Region. Fisheries Research 201: 18-25."

"Brocas, W.M., Felis, T., Gierz, P., Lohmann, G., Werner, M. et al. (2018).

Last interglacial hydroclimate seasonality reconstructed from tropical Atlantic corals. Paleoceanography and Paleoclimatology."

"Burg, M.P. van den, Meirmans, O.G., Wagensveld, T. van, Kluskens, B., Madden, H., Welch, M.E., Breeuwer, J.A.J. (2018).

The Lesser Antillean Iguana (*Iguana delicatissima*) on St. Eustatius: genetically depauperate and threatened by ongoing hybridization. Journal of Heredity."

"Bustamante, G., Vanzella, A., Glazer, R., Collado-Vides, L. (2018).

The evolution of the Caribbean Marine Protected Area Management Network and Forum (CaMPAM): 20 years of the Regional Multidimensional Program for Strengthening MPA Practitioners. Gulf and Caribbean Research, Vol 29, GCFI 1-9."

"Chamberland, V.F., Petersen, D., Guest, J.R., Petersen, U., Brittsan, M., Vermeij, M.J.A. (2017).

New Seeding Approach Reduces Costs and Time to Outplant Sexually Propagated Corals for Reef Restoration. Scientific Reports 7: 18076."

"Fricke, A., Titlyanova, T.V., Teichberg, M., Nugues, M.M., Bischof, K. (2018).

The Chlorophytes of Curaçao (Caribbean): a revised checklist for the south-west coast. Botanica Marina, 20170072, ISSN (Online) 1437-4323, ISSN (Print) 0006-8055, DOI: <https://doi.org/10.1515/bot-2017-0072>."

"Graham, R.E., Fanning, L.M. (2018).

A comparison of eight country plans for the Invasive Indo-Pacific Lionfish in the Wider Caribbean. Elsevier Global Ecology and Conservation. Vol 12, 253-262."

These reports and publications can be found in the Dutch Caribbean Biodiversity Database (DCBD) (<http://www.dcbd.nl>). The DCBD is a central online storage facility for all biodiversity and conservation related information in the Dutch Caribbean.

If you have research and monitoring data, the DCNA secretariat can help you to get it housed in the DCBD. Please e-mail us: research@DCNAnature.org

"Hewitt, S.J. (2017).

Additions to the marine mollusk checklist for the island of Saba, Leeward Islands, West Indies. Vita Malacologica, Vol. 16: 40-43."

"Hewitt, S.J. (2017).

Marine molluscs from the island of St. Eustatius, Eastern Caribbean: results of the Statia Marine Biodiversity Expedition 2015. Vita Malacologica, Vol. 16: 44-80."

"Hovestadt, A., Leewen, S. van. (2017).

Terrestrial molluscs of Aruba, Bonaire and Curaçao in the Dutch Caribbean: an updated checklist and guide to identification. Vita Malacologica, Vol. 16: 1-39."

"Moorsel, G.W.N.M. van, Meij, S.E.T. van der (2018).

The stony coral *Agaricia tenuifolia* Dana, 1848 as a new gall crab host (Decapoda: Cryptochiridae). Nauplius"

"Pawlik, J.R., Loh, T.S., McMurray, S.E. (2018).

A review of bottom-up vs. top-down control of sponges on Caribbean fore-reefs: what's old, what's new, and future directions. PeerJ 6:e4343."

"Pawson, D.L. (2018).

A new species of the remarkable brittle star genus *Astrophiura* (Echinodermata: Ophiuroidea) from the western Atlantic Ocean. Zootaxa 4378 (2): 257-264."

"Petuch, E.J., Berschauer, D.P. (2018).

New Species of Pleurotomariidae, Volutidae, and Conidae from the Caribbean Sea and Namibia, Southwestern Africa. Festivus 49(4):317-327."

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"Petuch, E.J., Berschauer, D.P., Poremski, A. (2017).

New Species of Jaspidiconus (Conidae: Conilithinae) from the Carolinian and Caribbean Molluscan Provinces. *Festivus* 49(3):237-246."

"Pratt, N., Rajeev, S. (2018).

Leptospira seroprevalence in animals in the Caribbean region: a systematic review. *Acta Tropica*, in press."

"Rangel-Buitrago, N., de Jonge, V.N., Neal, W. (2018).

How to make Integrated Coastal Erosion Management a reality. *Ocean and Coastal Management*, in press."

"Rome, M., Coppens d'Eeckenbrugge, G. (2018).

A new lectotype for *Passiflora laurifolia* L. *PhytoKeys* 95: 107–120"

"Sadusky, H., Chaibongsai, P., Die, D.J., Agar, J., Shrivani, M. (2018).

Management of moored fish aggregation devices (FAD's in the Caribbean), *Collect. Vol. Sci. Pap. ICCAT*, 74(5): 2230-2242."

"Tatarenkov, A., Lima, S.M.O., Earley, R.L., Berbel-Filho, W.M., Vermeulen, F.B.M. et al. (2017).

Deep and concordant subdivisions on the self-fertilizing mangrove killifishes (*Kryptolebias*) revealed by nuclear and mtDNA markers. *Biological Journal of the Linnean Society*, 122: 558-578."

"Taylor, M.A., Clarke, L.A., Centella, A. Bezanilla, A., Stephenson, T.S. et al. (2018).

Future Caribbean Climates in a World of Rising Temperatures: The 1.5 vs 2.0 Dilemma. *American Meteorological Society*."

"Tsounis, G., Edmunds, P.J., Bramanti, L. Gambrel, B., Lasker, H.R. (2018).

Variability of size structure and species composition in Caribbean octo-coral communities under contrasting environmental conditions. *Marine Biology* 165:25."

"Wells, J.V., Wells, A.C., Dean, R. (2017).

Birds of Aruba, Bonaire, and Curacao, A Site and Field Guide. Cornell University Press. 1-488."

"Wood, E. (International Coral Reef Initiative, International Year of the Reef, Government Offices of Swede) (2018).

Impacts of Sunscreens on Coral Reefs, 1-21."

Student Reports

"Blondheim, O. (2017).

Monitoring the effect of sedimentation on *Cassiopea* spp. bell pulsation dynamics. *Physis*, Vol. 21: 1-8."

"Bosch, M. (2017)

Institutional dimension of flood risk: Understanding institutional complexity in Flood Risk Management for the case of St Maarten. Msc. thesis TU Delft, University Leiden, 1-107."

"Brongers, B. (intern STINAPA Bonaire), with contributions from Desiree Croes (coordinator Junior Ranger Program STINAPA Bonaire) and Patricia Davis (volunteer Junior Ranger Program STINAPA Bonaire).

The Junior Ranger Program STINAPA Bonaire, a detailed program overview. 1-42."

"Brown, S. (2017).

Time budgeting and community structure of the fairy basslet, *Gramma loreto*. *Physis*, Vol. 21: 9-18."

"Clagett, E. (2017).

Monitoring factors that affect coral bleaching recovery in *Undaria agraciata*. *Physis*, Vol. 21: 19-25."

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"Easley, H. (2017).

Prevalence and progression of the black-spot causing parasite in *Acanthurus bahianus*, *Acanthurus coeruleus*, and *Caranx ruber*. *Physis*, Vol. 21: 26-31."

"Foest, J. (2017)

BEST 2.0 Regeneration Study 2017. 1-38."

"Opdam, J. (2017)

Soils erosion and prevention on Saba. Poster presentation WUR."

"Roberts, M. (2017)

Environmental Conservation Across Ecosystem Boundaries: Connecting Management And Funding. Thesis University of St Anderws, 1-246."

"Shenoy, A. (2017).

Tracking dark spot syndrome on the coral reefs of Bonaire. *Physis*, 33-39."

"Urbalejo, A. (2017).

Assessment of sea urchin assemblage as a function of substrate composition. *Physis*, Vol. 21: 40-46."

"Volk, D. (2017).

Go with the flow: patterns of connectivity in low dispersal coral reef gobies (*Coryphopterus* spp.) throughout the western Atlantic. Electronic theses and Dissertations. 5704."

"Yi, H. (2017).

The effect of habitat type on foraging tactics of *Caranx ruber*. *Physis*, Vol. 21: 47-54."