





TRAVEL SPECIAL

Coral recovery

Coral recovery
Francesca Virdis, director of Bonaire's Coral
Restoration Foundation (CRF), thinks natural
recovery by spawning or fragmentation in areas
near development, pollution and runoff is "almost
impossible". She points to the shallows off Budg'
Dive Resort, where a field of loose sand and
rubble left by storms is still a visible scar. The
substrate is not stable enough for larvae to settle
or broken pieces of coral to grow and build.
So, CRF has set out to help things along. In 2012,
Stinapa (Bonaire's park system) allowed CRF to
snip small pieces from 10 different wild colonies
of staghor: and elkhorn, which today form its
rootstock. At Buddy Reef, they hang the clippings
on suspended trees in 15m of water, free from
smothering sand and predators.
Dangling staplaron grows six to elight times
faste [2.5 cm/month] than its wild counterparts.
In only eight months, pieces grow big enough for
divers to transplant them to restoration sites,
where they let them down not bamboo squares
anchored in the sand. The fragments eventually
fuse together to form thickets. The final goal is
for the different coral genotypes in the thicket to
spawn naturally and mix their genes.
At any time, 9,500 coral fragments hang in
one of five nurseries managed by different dive
operators. As a volunteer, i visited the biggest
nursery of 30 trees at Klein Bonaire, a secluded
nearby island. Since sataring, CRF claims to
have transplanted 10,000 pieces onto 10
restoration sites.





that the only way out to the deeper fringing reef was a narrow pathway cut by divers. We could easily see it from land, but a local had warned us to mark its position from open water before descending to avoid problems returning to shore. It

descending to avoid problems returning to shore. It was good advice.

Back then, staghorn and elkhorn colonies grew right to the water's surface on most of Bonaire's leeward side. Bonaire's location below the hurricane belt had a lot to do with it, as a significant storm hadn't struck in more than 100 years. But after our early visits, two strange hurricanes, Lenny in 1999 and Omar in 2008, formed below the belt. They didn't actually hit the island but generated waves and surges

that wiped out or smothered pristine, centuries-old

that wipee out or shrounted pristing, centuris-sub-stands of shallow coal like those at Nukove. Fortunately, the storms left the deeper, fragile ring of coral surrounding Bonaire relatively intact, its east side barely scatthed. Other Caribbean islands have lost as much as 60 per cent of their coral due to disease, bleaching and human activity. Depoire natural events, Bonaire's reefs seem to be faring much better.

In recovery

Many divers today don't know about Lenny or Omar,
they've grown accustomed to swimming over barren
sandy plateaus to the drop-off of the fringing reef. But
those of us who do remember think a coral renaissance is underway in the shallows. "It's coming o



Above: Drift diving over gorgonians and soft corals, Lighthouse Below: A longlure frogfish yawns, possibly for defence, Klein Bonaire

back. And it's exciting to watch," Linda, from Bruce Bowker's Carib Inn dive resort, told me during our February trip.

Coral regeneration is really noticeable in areas away from development. As we suited up at Read Beryl, south of Bonaire's iconic solar staff flats and Salt Pier, we looked for the giant parrotfish that we've recently seen foraging on aliage growing on the coral that bugs the shore. Having dropped to 20 metres along the finging reef, we started our return in the shallows, where soft corals better adapted to withstanding storms dominate. At 5-10m, we found fresh, healthy outcrops of staghorn mixed with gorgonian fans, rods and plumes and rope and tube spronges.

Nearby between the Rock and the Invisible dive sites, we also found little sproutings of staghorn, along

with fire and brain coral on the wider, sandy plain, where small sponges, anemones and sea plumes dotted the sand and rubble. A school of palameta and houndfish swam weekhead. On separate divers, we bumped into juvenile genen turtles and caught a reef squid laying eggs in a crevice of brain coral.

Dives here rarely disappoint. We once spotted a massive adult hawkstill turtle, and on this trip, we saw a longmout seahouse deeper on the reef. In between two reefs separated by a sandy channel – characteristic of these southern dive sites – we found our favourite garden eels in 25m.

In the hillier north, previous storms had considerably more impact on the hard coral. Nonetheless, we found refs he healthy outcrops of wald staghorn, housing trumpetifsh and parrottish, at 1,000 Steps. On a La Danis-Ampata drift dive, the shallow corals – including staghorn, elkhorn and pencil coral – were remarkably brinart, some of the best we've seen. Dropping down below 10m, we enjoyed the vertical wall that drops to 35m and beyond. We ended the dive with a peacock flounder and two juvenile green turtles in the shallows.



A dive on the wild side
We decided to break away from the 'swimming pool', as some locals call Bonaire's leevard side and explore its wild, eastern side. Prevailing easterlies pound the coast and you really need to know the entry and exit points or you risk getting carried off by the current or raked over shallow coraks. For that we'd need Bas Tol – a Dutchman and east-side, shore-diving guru – to guide us.









TRAVEL SPECIAL



rays, big groupers and large shoals of scald and black durgon.

Turtle City was next. As we drifted over a seascape dominated by sea fans, we began to spot turtles camouflaged under coral ledges. Slightly wary, they would move off as we approached. They were everywhere and you could turin around and see four or five firsing at a time. Just ast I was thinking it was like a turtle minefield, an adult green turtle left its resting area right underneath me. The dive ended spectacularly over fingers of hard and soft coral reef reaching out into the blue.

We think we saw at least 50 furtles. A few days late, a friend on a turtle survey said they counted 63. Seeing adults was a delight, as we usually only see juvenies on the west side. Furtle City is indeed a special and aptly named place, a perfect combination of habitat, depth and abundant food.

of habitat, depth and abundant food.

Hope and nostalgia

We were newcomers in the 1990s, but a generation of divers before us was already living on the island and reminiscing about the good old days. I was ludy to hear the poincening Don Stewart talk about the 1979 establishment of Bonaires' marine park. Captain Don has since passed away, but reminders of his legacy and a few of his friends - are still around.

We hope that they, along with a legion of dive professionals will say committed to protecting Bonaire's reefs. Deepened rise between the Netherlands, and the island since 2010, along with voics in the Red Sea, have caused a recent four/ism boom, including visiting divers increasing from 30,000 to 80,000 a year.

On a recent trip, we met several young and passionate guides, including Colombians Alejandro Culterrez, who provided photographs for me, and Tamanae Salazar. One early morning, Tama and I drove all the way to the southern tip of Bonaire to an unmarked spot near Uphthouse, where there was not a unmarked spot near Uphthouse, where there was not another diver or whelch in sight. We dimbed over a small ledge into the waves and surf, and for an hour we drifted along the soft cord queries and fringing reef full of fish towards Red Siace. Our dive ended in a grove of old-growth elkhorn, a resilient and magnificent reminder of the past. •

Essentials

ESSENTIALS

GETTING THERE: KLM flies from Amsterdam to Bonaire six times per week; return flights from London or Birmingham are between £600 (low season, mid-April to mid-December) and £820 (high season). Nine-day flight / accommodations packages on KLM or TIL are as low as £600 per person (not including island tap but you must add travel to Amsterdam.

WHEN TO GO: Visit anytime – Bonaire is warm, arid, and below the hurricane belt. Water temperature ranges between £5-5-29°C. Low season is better for offers and avoiding crowds.

DIVING: Do you rown shore diving with a hire truck (£200-250 / week) or dive from boats to Klein Bonaire. Guidebooks and websites detail 100-plus dive sites. More dive operators are on the island than ever before. Not places offer air / nitrox23 at same price. Weekly (six-day) unlimited rates for opinder hires and fills run from \$125-180, One-of-frais average \$11-31 a) oplinder. Large operators Dive Friends and Buddy Dive Resor have more drive-in locations. GOOODive offers a sightly cheaper self-filling service. in February 2017, Bruce Bowker's Carib in hir had the cheapest tanks and air filis.

WHAT TO TAKE: 3mm wetsuit and bootles with sturdy soles. Buv coral-

In February 2017, Bruce Bowkers Carb Inn had the cneapest tanks and air fills.

WHAT TO TAKE: 3mm wetsuit and booties with sturdy soles. Buy coral-inendly sunscreen and effective insect repellent in Bonaire.

EAST SIDE: For shore dives, contact Bas Toll (www.basckiving.com), for boat dives, Bonaire stat Coast Diving (www.bonaireactostadiving.com).

VOLUNTEER FOR CORAL: Take a one-and-a-half-day / thee-dive course (£180) and learn how to hang, transplant and maintain a coral garden (www.crfbonaire.org).

ACCOMMODATION: Options range from budget rooms (£370) to resorts (£300) for who-peston, nine-day stay, Inclusive dive / drive packages are available Larger groups (four plus) can hire a villa starting at £800 / week during low sease up stayling in a self-catering let.

TOPSIDE ATTRACTIONS: Remote and scenic Washington Slagbaai National Park is well worth a visit for you have a vehicle. Or go kite-boarding, wind surfing, snorkelling, bird-watching, hiking, mangrove tours, kayaking and bicycling.

SCUBA 97