

establishment here; good water in Pudner's Cove, and abundance of fire-wood.* The land about Barrow Harbour is higher than the neighbouring coast; and may be easily recognised by its projection.

SANDY COVE, on the North side of Newman's Sound, about 4 miles beyond Barrow Harbour, has good anchorage, it will be readily known, having the only sandy beach on this side of the Sound; there is no danger in entering it, and it is perfectly safe. Soundings from 10 to 20 fathoms. Between this place and Barrow Harbour lies the Half-way rock above water, but if you keep outside there is no danger, it being steep-to in four fathoms.

GREAT and LITTLE HAPPY ADVENTURE, at a mile westward from Sandy Cove, are two snug little coves, on the same side of the Bay; but, from the narrowness of their entrances, they are adapted only for the resort of small vessels: between these places lies a sunken rock about 80 yards from the shore, with only 4 feet of water upon it.

NORTH BROAD COVE lies also on the northern side of Newman's Sound, two miles beyond Happy Adventure, and is a convenient well-sheltered anchorage; its entrance may be known by a high round island lying on the West side of it. On sailing in you must keep the island on board, until you make a tight or inlet, between it and the western shore, in order to avoid a sunken rock at the eastern side; after which keep as close as possible to the eastern shore, as a dangerous rock lies nearly in mid-channel; being inside of which you may anchor in from 10 to 20 fathoms; muddy bottom. Wood and water may be procured here.

DAMNA HARBOUR, (vulgo *Damnabla*.) The little island called Ship Island, lies in latitude $48^{\circ} 45'$, long. $53^{\circ} 34'$, and at 8 leagues N.W. $\frac{1}{2}$ W. [$W. \frac{1}{2}$ N.] from Cape Bonavista, and *Damna Harbour* lies W. $\frac{1}{2}$ S. six miles from Ship Island. The island may be known by a remarkable bald point like a sugar loaf. The harbour is well adapted for small vessels, but its very narrow entrance disqualifies it for ships of burthen; there is a rock off the southern part of the entrance, and another off the northern side of the island, which lies in the middle of the harbour; there is good anchorage all round the island, in 4 to 5 fathoms; sandy bottom; water may be easily procured, but very little wood.

MORRIS COVE is a safe anchorage, situated on the North side of the island bearing that name, which lies to the northward of Damna; in sailing for it keep Ship Island well on board; as you will thus avoid the reef called the *Ship Rocks*, which lies to the northward; having got inside Ship Island, avoid shutting in Lackington Rock with Varket Island, (known by its forming two remarkable hummocks,) as there are several clusters of rocks between Ship and the Horsethop Islands, on the South side: steer for the Varket until you get abreast of Lackington Rock, then keep Lackington Rock on the northern extremity of Ship Island until the Varket bears North, to clear two sunken rocks off the N.E. end of Morris Island; you may then sail directly for the Cove, which you can enter without fearing obstruction, and anchor in any part of it, in 25 to 5 fathoms, but the western side of the Cove is preferable. Wood plentiful; water scarce in the summer season.

VARIATION.—It may not be unworthy of remark, that the polarity of the Needle is subject to several localities in different parts of Bonavista Bay, becoming gradually less as you get embayed; and this derangement is supposed to arise from the land's being impregnated with a magnetic substance. At the Capes, which form the Bay, the variation of the compass was $30^{\circ} 26'$; at Barrow Harbour $28^{\circ} 30'$; and at Great Happy Adventure not more than 28° , in the year 1819.

GOOSEBERRY ISLES, &c.—The Gooseberry Islands are a cluster of islets, near the middle of Bonavista Bay. The Offer or Outer Gooseberry is in latitude $48^{\circ} 48'$, longitude $53^{\circ} 27'$. From Cape Bonavista, to sail clear of the *Eastern Rock*, which lies at a mile and a half to the E.S.E. of the Offer Gooseberry Island, the course is N. by W. $\frac{1}{2}$ W. and from thence to Copper Island, (at the mouth of Greenspond Tickle) N. $\frac{1}{2}$ E. here it is possible to obtain pilots for this and the adjacent anchorages, which are NORTHWEST-ARM, NEW HARBOUR, and CAT COVE; there is also good holding ground between Greenspond Island and the main; but, the water is so deep, that a

* All the wood on the coast-side is very diminutive, but it is, generally, much larger inland.