

On the 31st of August, we found a current setting thirty-three miles S. 63° W.

On the 1st of September, the current was found to have set us to the south-by-west twenty-two miles; and until the 4th, we had strong breezes from east-by-north and east-northeast. On the 4th, we crossed the line, in longitude $167^{\circ} 45' 30''$ W., with delightful weather, but met no westerly winds. For two or three days we had seen several kinds of birds: tern, plover, boobies, and tropic-birds, indicating that land was not far distant.

On the 6th and 7th, we had changeable weather, short calms, squalls, and fresh breezes, both fair and foul. The wind was generally from southeast to east-northeast. On the latter day, we experienced a current setting to the northeast. The winds appeared to be affected by the time of the day, and were found to be regular in their veering from one side to the other. The breeze is usually lost after a shower of rain. We had now reached the latitude of $7^{\circ} 10'$ N., longitude $162^{\circ} 25'$ W., and had passed the magnetic equator in latitude 3° S.

On the 10th of September, the northeast trades were met with, in latitude 8° N., and longitude $161^{\circ} 10'$ W.

On the 12th, the wind hauled to the northeast, when I tacked to the southward and eastward; but after a few hours I again put the ship's head to the northward, deeming it advisable to run at once through the trades.

Until the 17th, we had light breezes, with occasional squalls, the current setting to the westward. Our observations placed us in latitude $21^{\circ} 33'$ N., longitude $161^{\circ} 37'$ W., which being about two hundred miles to the westward of Oahu, I determined to beat up for it, instead of standing to the northward of the islands. The wind occasionally veered four or five points, which was favourable to this design.

On the 20th, we made the island of Kauai, which is mountainous: it bore north-northwest and east-northeast. The lightness of the ship, with the sea and slight current setting to leeward, combined to impede our progress, and I found, although we had a good breeze, we were beating without making much headway. I therefore, although reluctantly, determined on filling up our tanks with salt water, to enable the ship to hold a good wind and make progress.

On the 23d of September we made the island of Oahu, and stood in for what those who had been there before, and professed to have a knowledge of the land, said was the situation of Honolulu. They all knew its locality to be under our lee, and I ordered the course