it, and show the fact of this reënforcement of the streams in the depth of the valleys.

Finally, in Tahiti, as is shown in the map below, the work of erosion is in a sense completed, in spite of the general covering of vegetation. The few great valleys, which here take the place of the many of the early stages of erosion, extend to the coast; and these valleys, instead of narrowing to the



Map of Tahiti, the coral reefs excluded; the lower side is the northern, or that toward the equator: PP, village of Papenoö; M, of Matavai; P, of Papaua; T, of Toanoa; P', of Papieti, the largest; P'', of Punaavia. The valleys are named from the villages on the coast at their termination. Wilkes' *Exploring Expedition Report*.

summit, widen out and stop off abruptly under precipices of at least 3000 feet. Some widen at their head into great amphitheaters or circs (the "cirques" of French authors), illustrating well the origin of such amphitheaters.

In the above examples, the rains and mists of the higher and cooler