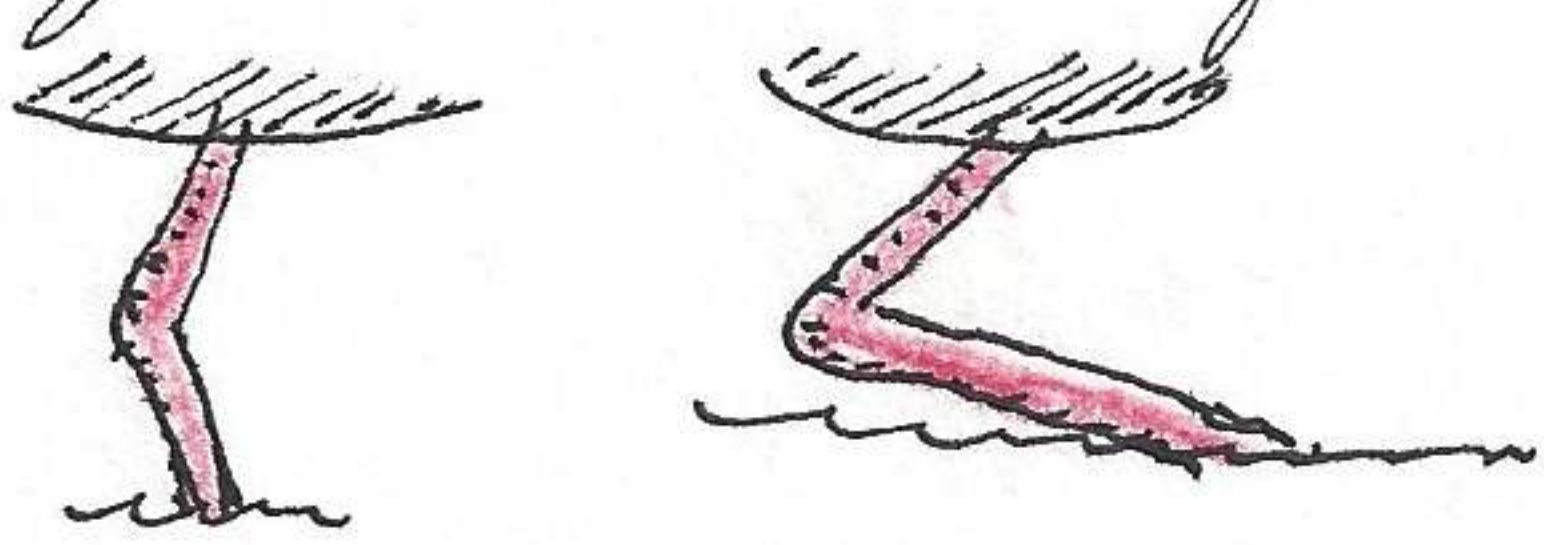


of 6 treads per second (treads are by alternate feet so one tread is for each foot movement). As the treading continues for 3-6 seconds the birds move backwards 3 to 5 inches picking up insects or organisms at a rate of 1 organisms per 3 seconds to 3 organisms per 1 second. One bird formed a hole in mud above water level but at the edge of water to about 1/2 inches deep from concentrated movement in one area and then treaded the bank of the hole the entire circumference and broke the bank down into the hole. The legs are bent forward at the ankle when treading thus:



Picking up insects is done with great agility.

Observed 1 pectoral sandpiper, 1 least sandpiper, 5 short-billed dowitcher and 1 red-throated loon, each except pectoral to be added to the list of birds observed yesterday. The birds observed yesterday were also observed this A.M. Sailer came ashore and has sailed open seas and elsewhere and made the statement that a boat 32' is optimum for ease of navigation and maneuvering. Larger boats carry huge heavy sails. He also said that he would not sail an American boat on open seas as they are not heavy enough structure.

at Anacortes met Mr. Harvey Buffum, 5003 Kings Way, Skyline, 293-6227 (marine at Skyline community). He said climate a factor in moving from Mercer Island in Seattle. Homes on top of island are falling homes below for sewage. Takes 2 years sailing to handle SE Alaska waters. 3 months in summer are best for visiting Alaska. 32' boat big enough for live-aboard, large sailboats are too difficult to handle for 2 people. Skyline marine closest point in Washington to San Juan Islands. His home is 5 minute walk to his boat.

La Conner's Preserve, T.T., Skagit Co., Washington.  
Sept. 30, 1984

min temp. 48°F. First cool wind from the S. From Lone Pine Point observed a South Polar Skua, Catharacta maccormicki at 9:00 A.M. Incoming tide with floor NW past point. The skua was first observed chasing arctic terns (group of 8 hunting kelp beds S of point). The skua pursued 5 terns one at a time with superior maneuvering for about 25 seconds each, following in incredible speed and close pursuit but in no case made actual contact with the tern. The same close chase