

mari immissus pondere ferrei apparatus fundum plerumque petit, interdum diuersorum et contrariorum saepe fluminum maris inferiorum aduersa actione moleque ipsius funis plurium orgyrum in via retineri, nec fundum attingere creditur."

The figure of this first 'naturalist's dredge' is taken from an ornamental scroll on the title-page of Müller's book.

"Fundo iniacens ope remorum aut venti modici trahitur, donec tractum quendam quaeuis obuia excipiendo confecerit. In cymbam denique retrahitur spe et labore, at opera et oleum saepe perditur, nubesque pro Iunone captatur, vel enim totus argilla fumante aut limo foetente, aut meris silicibus, aut testaceorum et coralliorum emortuorum quisquiliis impletur, vel saxis praeruptis et latebrosis cautibus implicitus horarum interuallo vel in perpetuum omnia experientis retrahendi inuenta frustrat; interdum quidem vnum et alterum *molluscum*, *helminthicum*, aut *testaceum* minus notum in dulce laborum lenimen reportat." Müller graphically describes the difficulties which he encountered in carrying on his work. The paucity of animal life on the Scandinavian coasts; the wild and variable climate, "aëris intemperies, marisque in sinibus et oris maritimis Norvegiae inconstantia adeo praepropera et praepostera, vt aër calidissimus vix minorum interuallo in frigidum, tempestas serena in horridam, malacia infida in aestu ferventem pelagum haud raro mutetur." Still nothing can quell the energy of the enthusiastic old naturalist, who looks upon all his hardships as part of the day's work: "Hanc mutationem saepius cum vitae periculo et sanitatis dispendio expertus sum, nec tamen,