

Naugible, & that in the deepest of winter, where there is neither yse nor snow that may yield any such dampes or cold breathings to the anioance of such as shall take these interprises in hand. And therefore the Sommer in no sort to be feared, but some curious witt may object that the naturall anoyance of cold is preuented by reason of the trauell of the body with other artificiall prouisions to defend the fury thereof, as also the whot vapors which the earth may yield, whereof experience vrgeth confession, but vpon the seas it cannot be sith it is a cold body subject to yeld great dampes & cold breathings most offensive to nature. To the which I answere in the vniuersall knowledge of all creatures, that God the most glorious incomprehensible & euer being sole creatour of all thinges visible, invisible, rationall, irrational, momentory & eternall in his diuine prouidence hath made nothing vnicommunicable, but hath giuen such order vnto all things, whereby euery thing may be tollerable to the next, the extremities of ellements consent with their next the ayre is grosse about the earth & water, but thinn & hot about the fyre, by this prouidence in nature the sea is very salt, & salt (sayth Plinie) yeldeth the fatnes of oyle, but oyle by a certayne natue heate is of propertie agreeable to fire, then being all of such qualitie by reason of the saltne. thereof mouet & stirreth vp generatiue heate, &c. Whereby the sea hath a working force in the dissoluition of yse for things of so great contrariety as heate & cold haue togeather no affinitye in coniunction, but the one must of necessitye auoyde, the seas not being able by the bandes of nature to step backe, doth therefore cause the coldnesse of the ayre (by reason of his naturall heate) to giue place, whereby extremities being auoyded, the ayre must of necessitye remayne temperate, for in nature the ayre is hote & moyst, the colde then being but accidentall is the soner auoided, & natures wrongs with ease redressed.

That vnder the Pole is the place of greatest dignitie.

REason teacheth vs & experience confirmeth the same, that the Sun is the onely sufficient cause of heat through the whole world & therefore in such places where the Sunne hath longest continuance, the ayre there receueth the greatest impression of heat, as also in his absence it is in like sort afflicted with colde. And as the heate in all clymates is indurable, by the eternall ordinance of the creator, so likewise the cold is sufferable by his euerlasting decree, for otherwise nature should bee monstrous & his creation wast, as it hath beene ydly affirmed by the most Cosmographically writers, distinguishing the sphere into fise Zones haue concluded three of them to be wast, as vaynely created, the burning Zone betwene the two tropikes, & the two frozen Zones, but experience hauing reprooued the grosenes of that errour it shall be needlesse to say farther therein. For although in the burning Zone the sun beames are at such right angles as that by the actuall reuerberation thereof the lower region of the ayre is greatly by that reflexion warmed, yet his equall absence breadeth such mitigation as that there we find the ayre tollerable, & the countries pleasant & fruitfull, being populus & well inhabited: so likewise vnder the pole being the center of the supposed frozen Zone, during the time that the Sunne is in the South signes, which is from the thirteenth of September vnto the 10 of March, it is there more cold then in any place of the world, because the Sunne in all that time doth neuer appeare aboue the Horyzon, but during the time that the Sunne is in the North signes which is from the tenth of March vnto the thirteenth of September he is in continuall view to all such as posses that place, by which his continuall presence, he worketh that notable effect, as that therby all the force of frysing is wholly redressed & vtterly taken away, working then & there more actuall then in any other part of the world. In which place their continuall day from the Sunne rising to the sunne setting is equall with twenty sixe weekes & fise dayes, after our rate: & their night is equall with twenty fise weekes & three dayes such as we haue, so that our whole yeere is with them but one night & one day, a wonderfull difference from al the rest of the world, & therefore no doubt but those people haue a wonderfull excellencie & an exceeding prerogatiue aboue all nations of the earth & this which is more to be noted. In all other places of the world the absence & presence of the Sun is in equall proportion of time, hauing as