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Inclination, and that Table, and the Latitude of the place, he can find the Longitude of any place in world.

By that Table also he finds Mr. Rob. Normans Inclination, which he found A. 1576; and can shew, what will be the greatest and least Inclination of the Inclinatory Needle in any Latitude in the world.

He hath four Examples of finding the Longitude by the help of the Inclinatory Needle; one at Bal/ora in East-India in the year 1657. Another at Cape Charles, on the coast of Virginia before that time. The third, at the Cape of Good Hope. The fourth, at the Straights of Magellan.

so far He: who, 'tis hoped, will fhortly by the generofity of fome Noble Virtuo/o or other, recompensing his fludies and pains, be induced to discover to others this his knowledg.

An Extract of a Letter written by Mr. John Templer June 16. 1673. containing some Observations upon a pleasant way of catching Carps.

ON Thursday last, Sir Justinian Isham invited me to walk with him to his Fish ponds, and to see a boy throw out Carps with his hands at any time in the heat of the day. I faw four very large ones, that the boy took. His way was this: He waded into the Pond, and then returning to the fides, he would grope them out in the Sedg or weeds, and, tickling them with his fingers under the belly, quickly remove his fingers to their gills, and throw them out upon the land. And this he did not in a narrow but large pond, of half an Acre of ground, or rather an Acre. In which practife I must note two or three things, that fe. m observable to me;

1. Carps (and I suppose all other fish that keep near the bottom) keep alwayes in a shoal, although happily there may be more than one company, answerable to the difference of their Sexes; as in Deer at some seasons.

2. When they move from one place to another, they raile the mud in the heat of the day; and you may eafily observe, what what road they travel, by the muddy tincture near the bottom of the water, and that so certainly as you cannot easily miss of covering the greatest part of them with a cast-net; as I have formerly been shown by Mr. Ferdinando Pulson of Desborough.

3. (What I would molt observe;) The boy knows, when he is upon the Carps layer (if I may use that term,) by the warmth of the water; and when he finds that heat in the water, though he neither see nor feel any Carps (in the middle of the pond,) he immediately repairs to the sides to pursue his game. I am, &c.

An east way of raising Fruit-trees to what numbers any defires; communicated to the Publisher, by Mr. Lewis of Iotnam Highcross.

Ake a piece of the root of any Apple-tree or Pear-tree, Solut fix inches long, and tongue-graft a graft of an apple or pear into the root. The way of Tongue-grafting is, to cur the root floping about one inch, and the graft floping in like manner one inch; cutting both very fmooth. Then cleave the root and the graft likewife about one inch, and enter them into one an other, that the fap of the graft may joyn to the fap of the root as much as you can. Lap the joynted place about with a little hemp or flax-hurds; fet the root fo grafted into the ground about ten or twelve inches deep, fo as the joynt may be covered at leaft four inches under the earth, that it may not be bared at any time, but kept moift by the Earth.

The root you graft upon, must not be less than your graft; it is no incenvenience, if it is bigger; then you can joyn the fap of the graft and root only on one fide. It is best that the root and the graft be of the same bigness; then they will joyn on both fides: But there is no need you should be critical.

It is not neceffary, the Graft should be of one years growth: Your Graft may be any fair streight branch, as big as a mansfinger, five or fix foot long, provided the root be proportionable.