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HISTORY of the Peopling of the several Parts of the World,
and particularly of *America* ; An Account of the Ancient **SHIPPING,** and
its successive Improvements ; together with the Invention and Use of the
Magnet, and its Variation, &c.

By **JOHN HARRIS,** A. M. Fellow of the *Royal Society.*

In Two VOLUMES.

LONDON :

Printed for *Thomas Bennet,* at the *Half-Moon,* in *St. Paul's Church-yard* ; *John Nicholson,* at
the *King's-Arms,* in *Little-Britain* ; and *Daniel Midwinter,* at the *Rose and Crown,* in *St. Paul's*
Church-yard. MDCCV.

they preferre for War and Racing. The Great and Rich carry all their Houſhold Stuff along with them, and when Night overtakes them, they pitch their Tents and kindle Fires about them to ſcare the wild Beaſts. The poorer ſort when they travel, beg upon the Road, for there is neither Inn nor Cook's Shop to be found, which gave occaſion to a pleaſant Paſſage at *Kene*. When the *Abeſſines* newly arriv'd from the Eaſt, they were invited by a Cook into his Shop; who believing all Invitation to be made *Grate*, went into the Shop, and cheerfully accepted what was ſet before them; but at length, when they were going away, they conſulted how to return thanks to ſo kind an Hoſt for his noble Treat, which one of them did with a very good grace in a ſhort Speech: To which the Cook liſtned a while, but hearing nothing of Money, without any reſpect to their ſmooth Language and graceful Delivery, *Gentlemen*, ſaid he, *you pay* the *Abeſſines* like Men alſomuld made answer, *That they came not into his Shop of their own accord, but by Invitation, and was when he ſet his Wine and Meat before them, he never bargain'd for any Money, for that was the very thing they want'd.* But all this would not ſatisfy the Cook, who forc'd them to leave their Cloaks in pawn, which were afterwards redeem'd at the Pope's Charity. The *Abeſſines* themſelves are very hoſpitable; for in their Villages they appoint the chiefſt of the Inhabitants for relief of the Poor; which Cuſtom was anciently us'd in ſeveral Chriſtian Countries.

The way from *Egypt* to *Abeſſinia* is troubleſome to Travellers, and ſubject to many Dangers by the Exortions of the *Turks*, and the Robberies of ſeveral vagabond Nations thro' which they muſt paſs: Yet there are ſeveral Troops of Merchants, who ſetting out from *Grand Cairo*, are carried up the *Nile* againſt the Stream as far as *Menzala*, and thence travelling in Caravans, firſt come to *Sijra*, and ſo in order to the following Towns, *Hacha*, *Al-ke*, *Seleb*, *Sezim*, *Meſera*, *Danzala*, which laſt is accounted the Metropolis of *Nubia*: Then they come into the Kingdom of *Sennar*, under a *Mahometan* Prince. From *Danzala* therefore they travel to *Kahla*, *Kerri*, *Tere*, *Geri*, *Helſage*, *Arbaz*, *Sennar*. In travelling from *Hacha* to *Sennar*, the Merchants ſtaying in many places about the Affairs of their Traffick, commonly ſpend three whole Months, tho' it might be done in a far ſhorter time. From *Sennar* in 14 days they arrive at the Confiner of *Abeſſinia*, into which they enter by *Tjelga*: But the ſafeſt and ſhorteſt Cut is thro' the *Red-Sea*, if you can agree with the *Turks*; which Paſſage is two-fold; for either the Merchants ſet out from *Cairo*

to *Sueſſa*, a Port upon the *Red-Sea*, from whence they ſail to *Gidda*, another Port, and thence they ſail again for *Suez* and *Marqua*; or if they cannot endure the Sea ſo long, they ſail againſt the Stream from *Cairo* to *Gizee*; then by Land they travel to *Gidda* in two Days, and thence to *Suez* in four days, where they take Shipping for *Gidda*, and ſo to *Suez*. This is the way the *Metropolitans* take, with whom is the ſafeſt travelling, if any *Europeans* deſire to viſit *Abeſſia*. A Man may reach from *Guendia* to *Suez* in a Fort-night, and from thence in 40 or 50 Days to *Grand Cairo* by Land; ſo that to travel from the Royal Camp to *Cairo* will take up three Months.

The *Arabians* who inhabit the Ports of the *Red-Sea*, eſpecially the *Mahometans*, are the chief Merchants in *Abeſſinia*; for being of the ſame Religion, they have the free liberty of all the Ports of the *Red-Sea*: Next to them the *Armenians*, who do not much differ from the *Abeſſines* in their Worſhip, have the greateſt Trade, as being the great Dealers in all parts of the World. They import ſundry ſorts of Commodities, but carry out all the Gold: And becauſe there is no Money coin'd in *Abeſſinia*, the ſilly ignorant ſort of People, hiding their Gold among the Sand, or at the Roots of Trees, let it go again at low rates; for if the Merchants deny it to be good, they exchange it for as much as they can get, without queſtioning the Merchants Exception. But the Nobility and richer ſort carry a Touch-Stone always about them, with which they try their Gold, weigh it out, and pay it by the Ounce; which in *Abeſſinia* amounts to the value of a *Spaniſh Peſtawon*, or an Imperial Dollar. The Exchange in *Abeſſinia* is made with Iron ſometimes, but chiefly for Salt hewn out of the Mountains, with which you may purchaſe all things; and in the remote parts you may buy a good Mule for two or three Bricks of Salt.

The Commodities imported are *Babylonian* Garments of all ſorts, Velvet, Sucken, but chiefly Woollen and Fuſtian, which the great Men wear inſtead of Purple, having now loſt the Skill of dying it. Spices, and eſpecially Pepper, they covet to leaſon their ſulphur'd Fact. Wares for Exportation they have few beſides Gold, Skins, Hides, Wax, Honey, and Ivory; many more they might have if their Kings did encourage Traffick and Merchandizing: for which end they ſhould learn the *Latin* Tongue, with the Addition of our Arts and Handicraft Trades, which would advance the Affairs of theſe poor Chriſtians to a more flouriſhing ſtate, and weaken the ſtrength of the *Barbarians*.

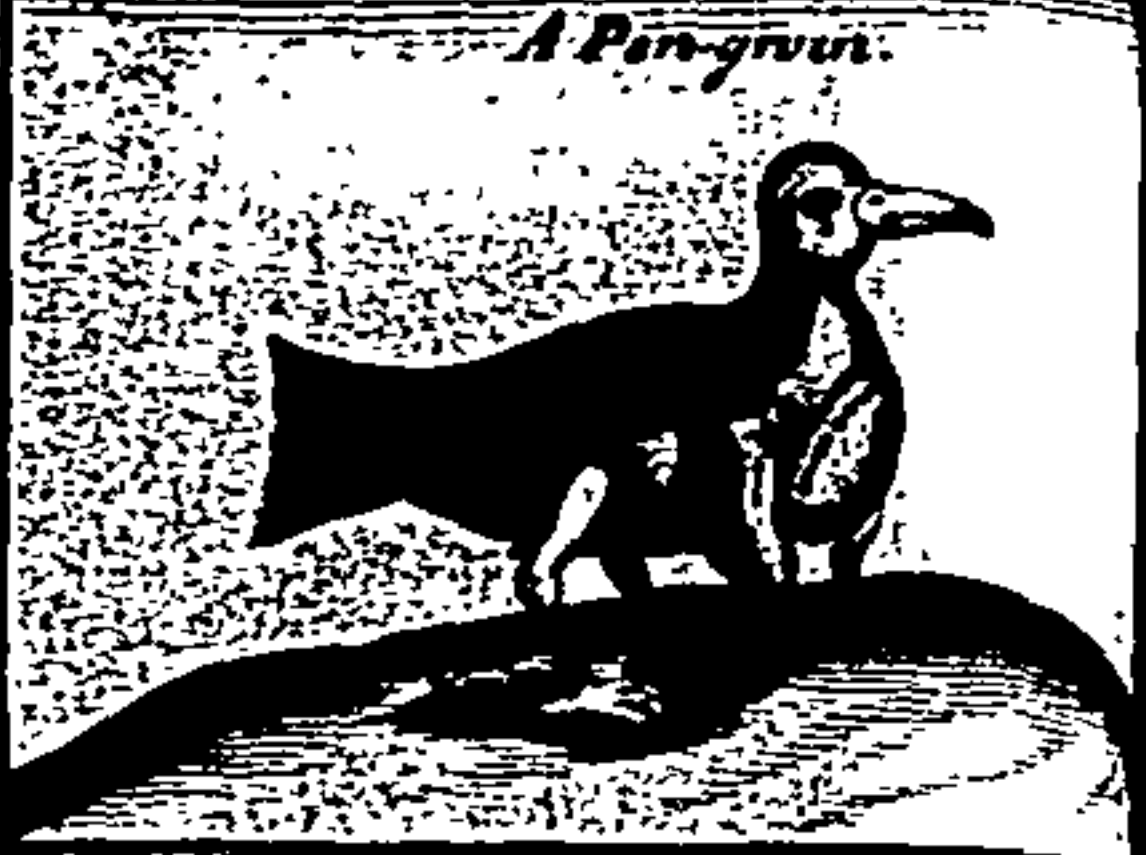
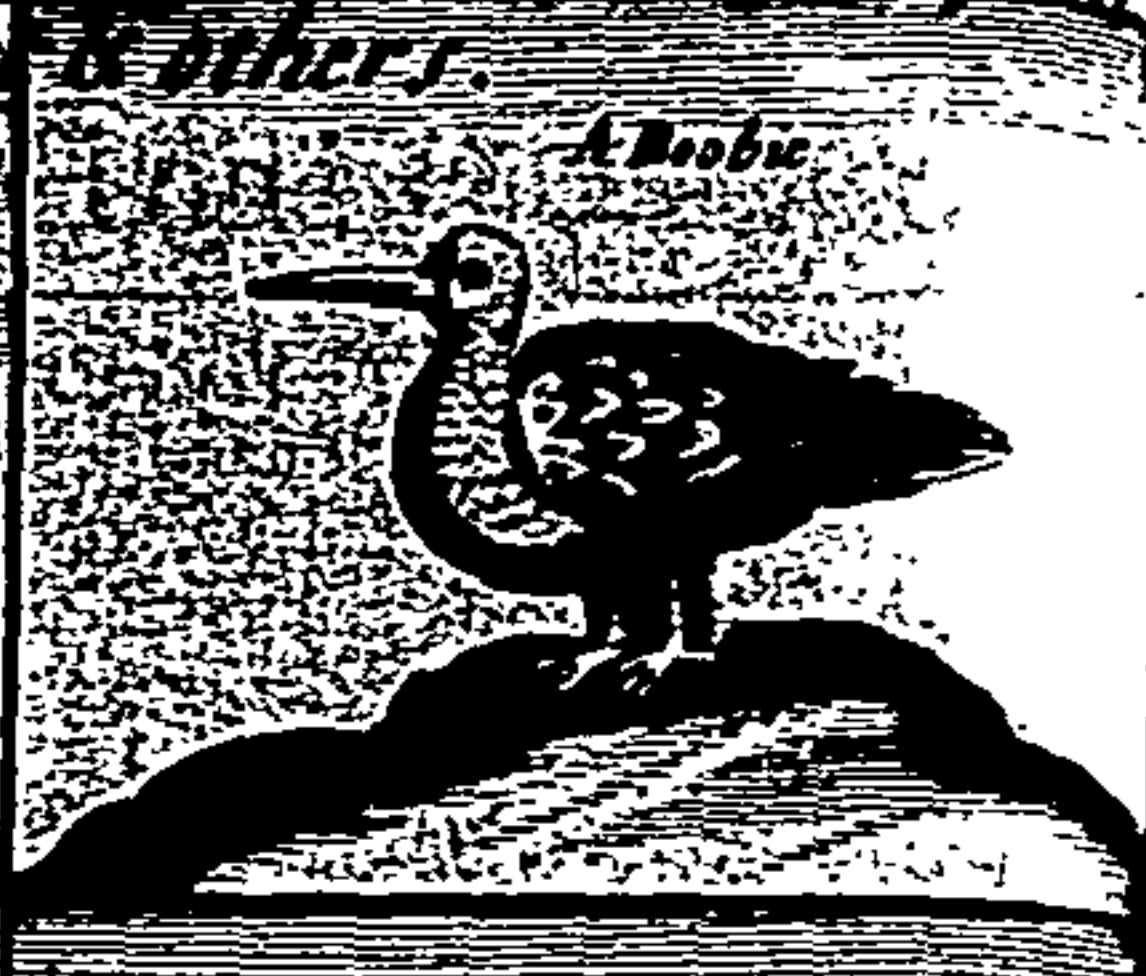
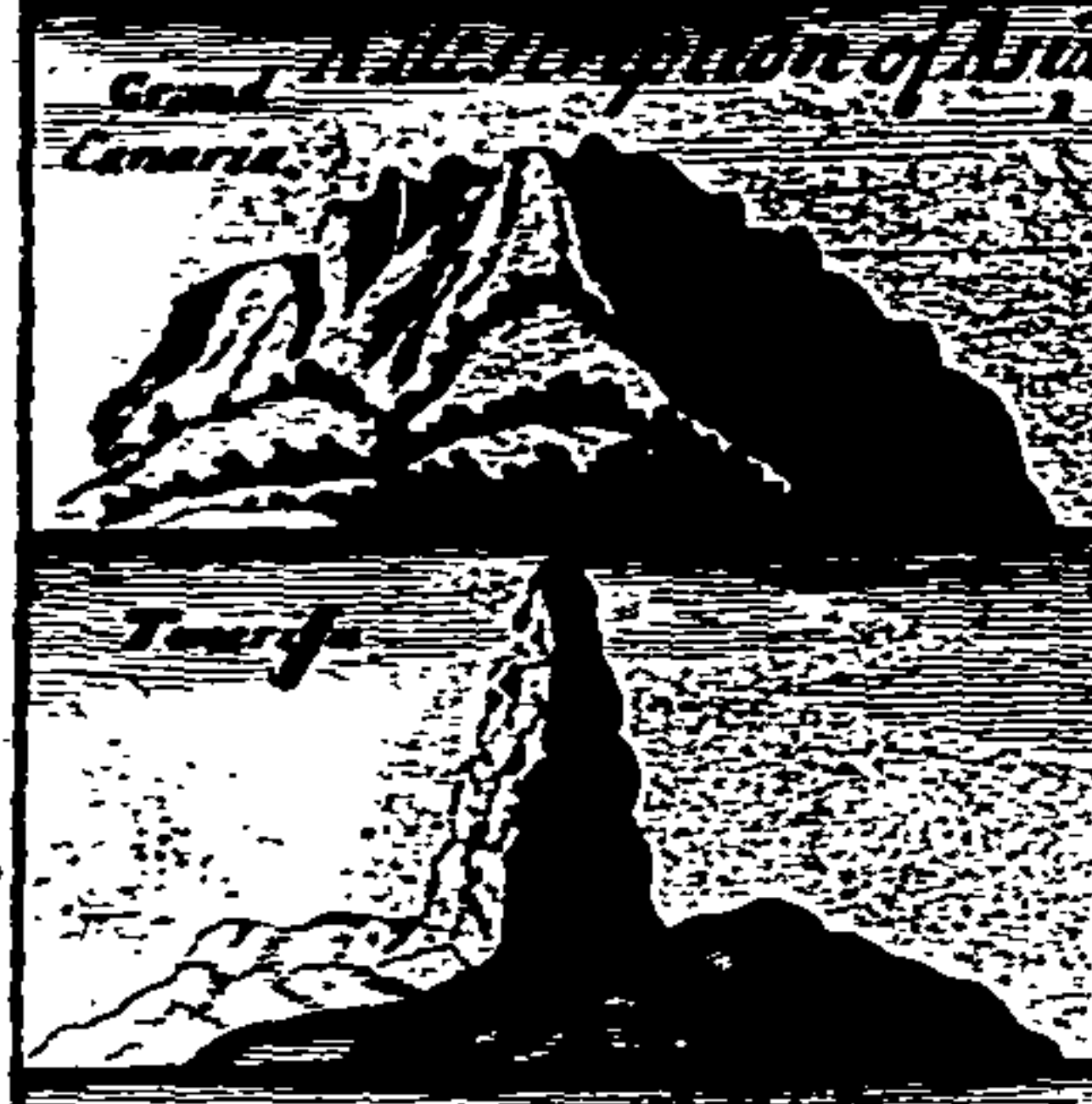
Sir Thomas Herbert Baronet, his Travels, begun in 1626, into divers parts of Africa and Asia Major, in which the two famous Monarchies of the Mogul and Persian are principally deſcrib'd, with what is remarkable in thoſe places from other Authors in Purchaſs, &c.

CHAP. XX.

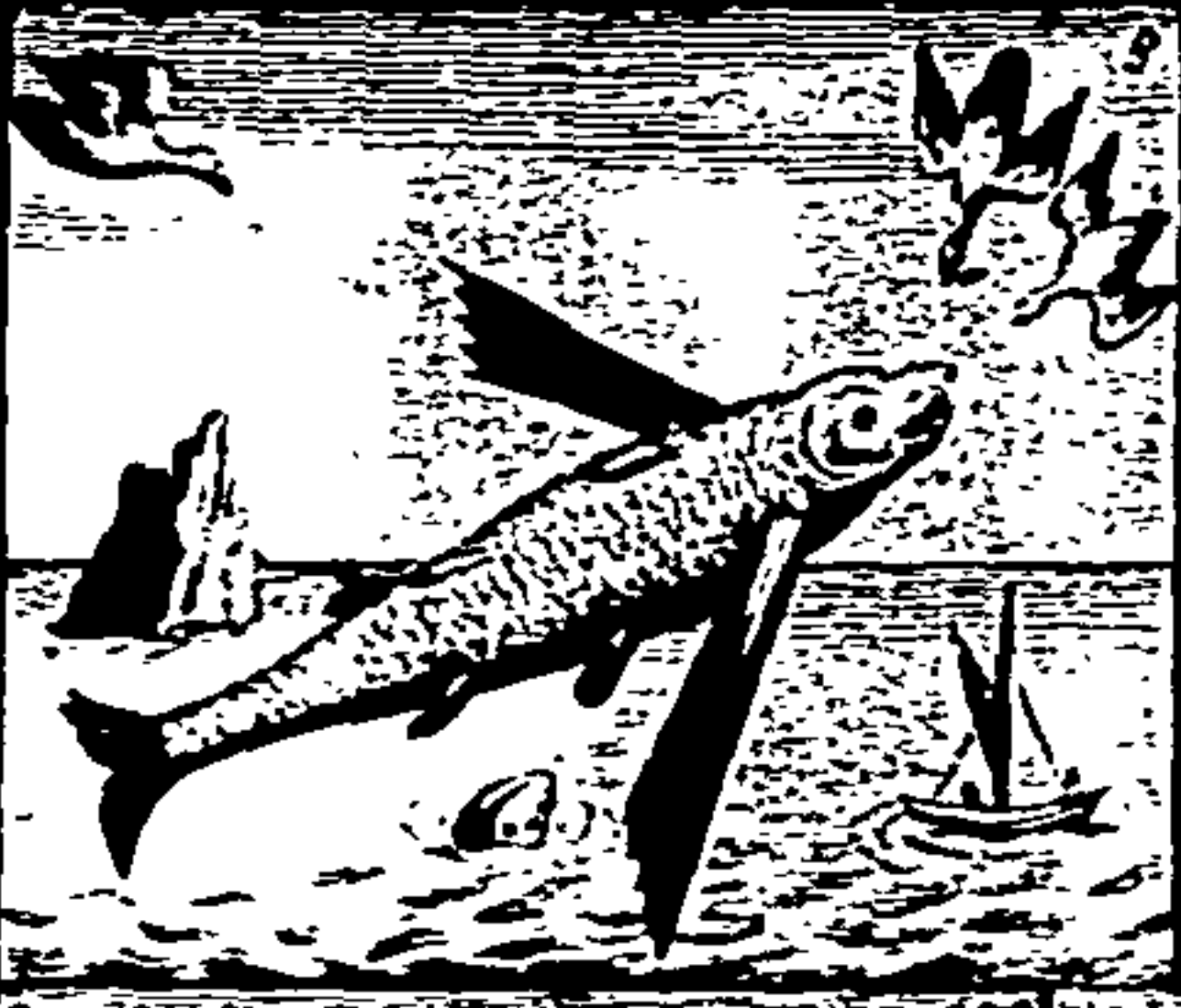
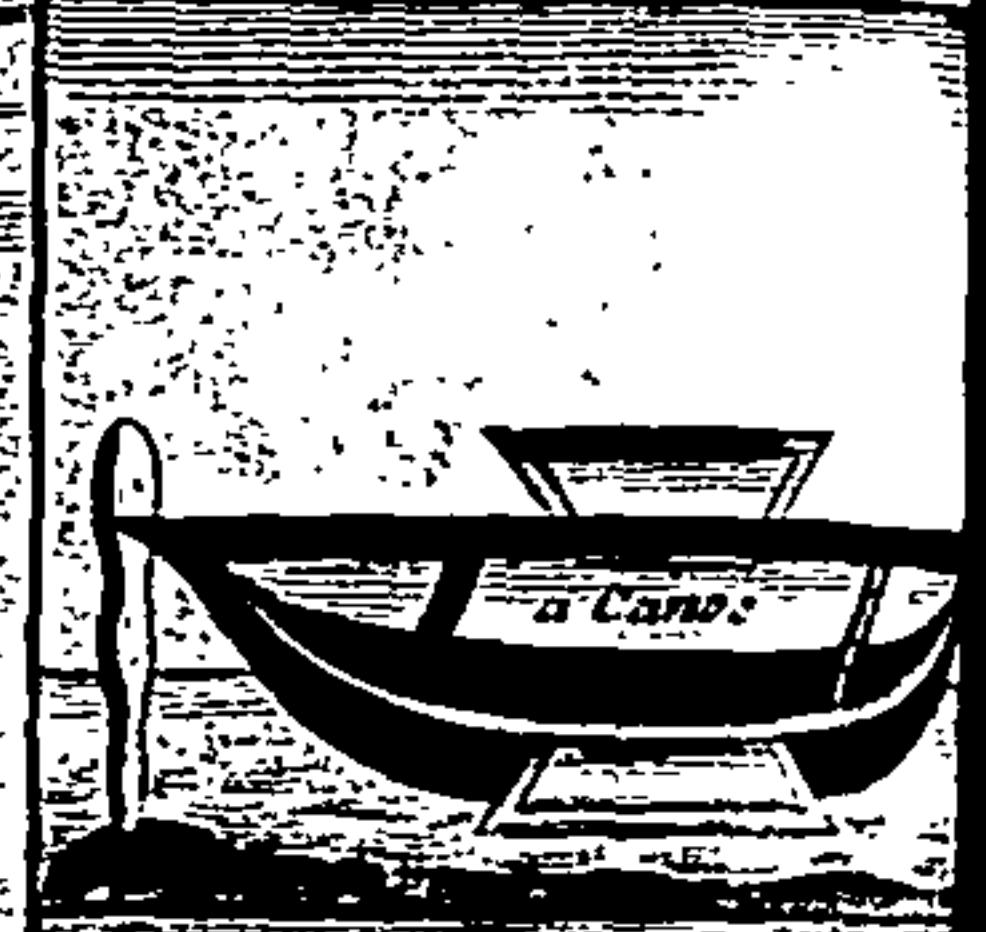
Sir Thomas Herbert's Travels from England to Goa in the East-Indies.

SIR THOMAS Herbert, Bar. with five Ships beſides his own, embark'd at *Dover* near *Dover* on *Leeds* famous that Year for being the Feaſt as well of the Son as Mother in the Year 1626. On the third, they got ſight of *Puerto Santo*, or *Puerto* in *Britiſh*, the *Hoy Port* (call'd *Cerne* by *Ptolemy*) commanded by *Ardeh*, i. e. cut off or ſeen at a diſtance, and by *Puerto* the *Spaniards*, and lying in 37 Deg. 25 min. of the *Latin*, as it is by *Eutropius* call'd *Veſta*) they came *Madera's* (i. e. *the* of *Wood*) twelve Leagues S. W. from to the *Point of* *Ardeh*, which is the utmoſt Promontory of *Puerto Santo*, and 70 from the *Citadel*. *Puerto Santo* was

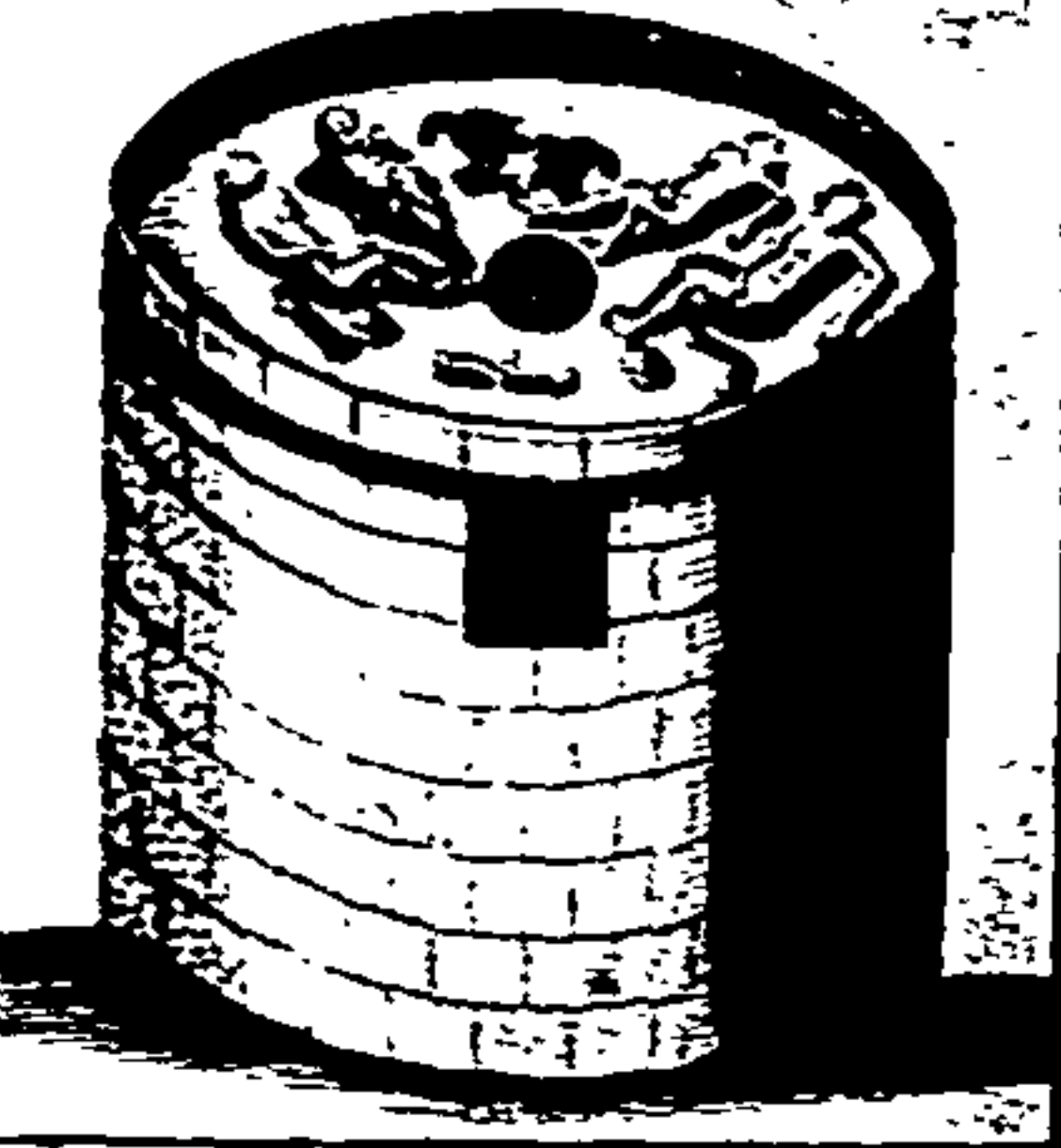
General Description of Asia & Africa from J. Thevet's & others.



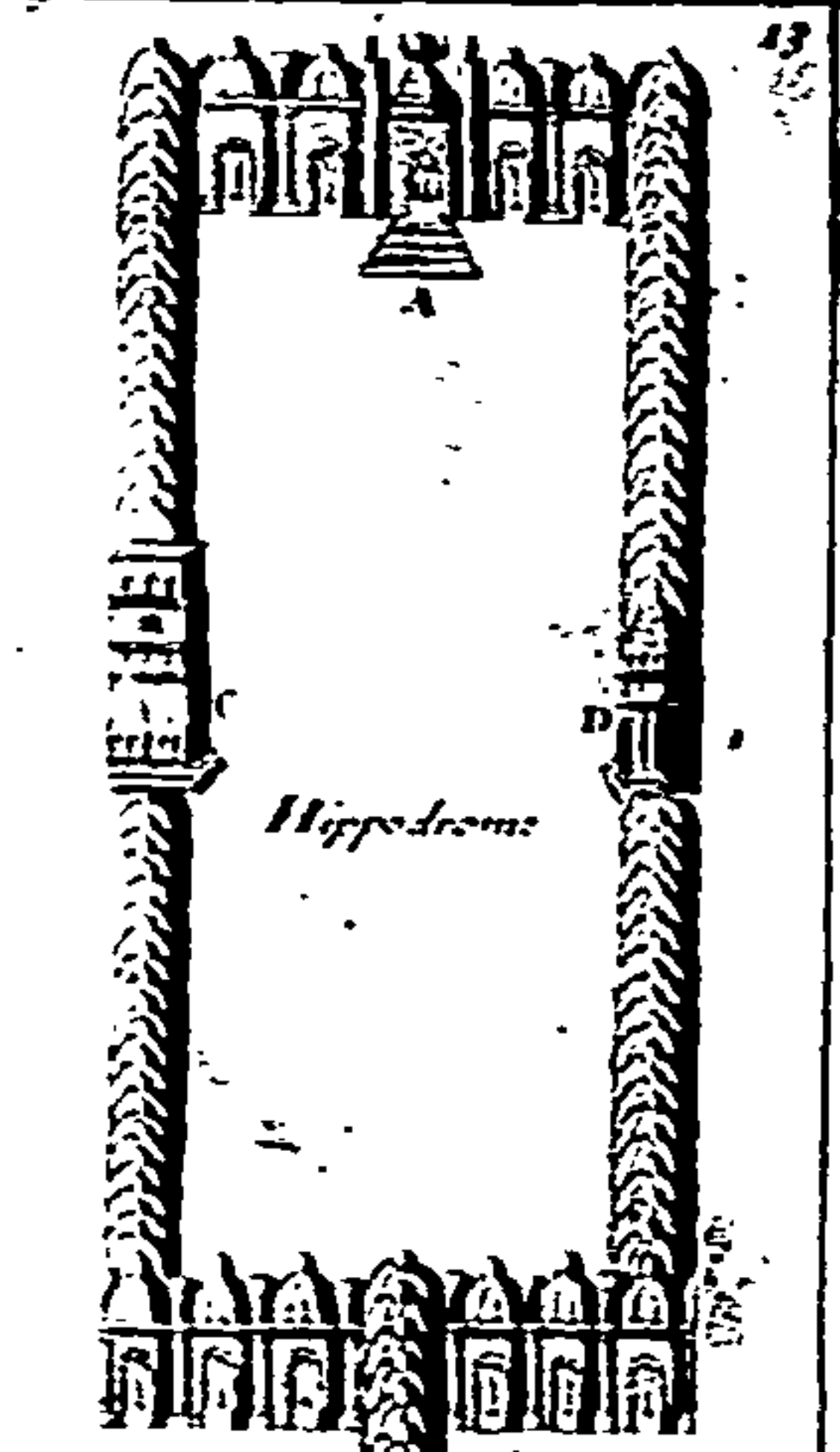
A man and woman at Cape of good Hope



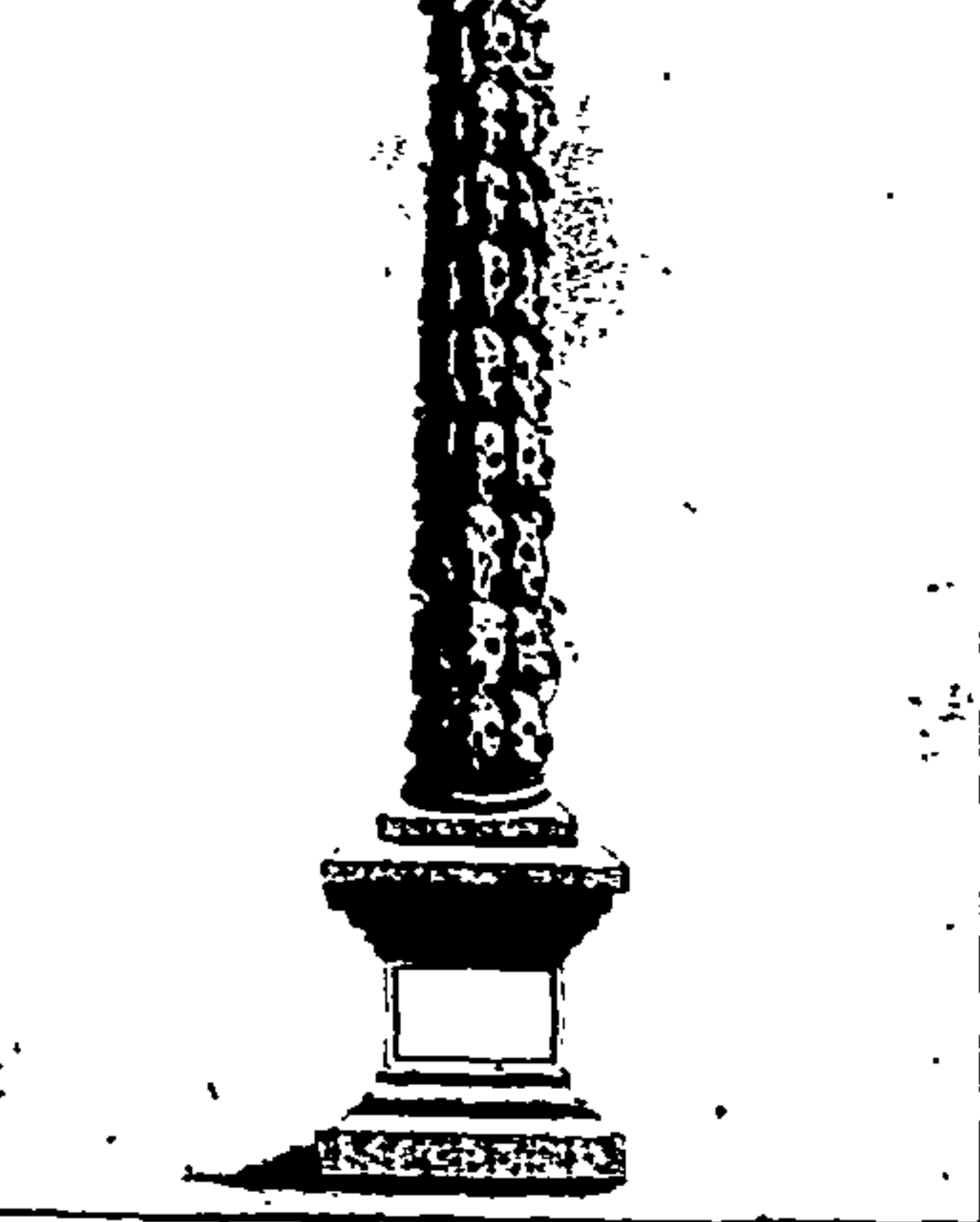
The Burial place of the Peruvians in India



A Peruvian Man & Woman near the Gulph



The Pillar of heads in Spanharum.



The Mydan or great market in Spanharum



was discover'd by *Peregrinus*, Anno 1419, and given him to people; but he found it difficult to build there, because the Conies had so caved the Ground. It is 25 Miles in compals, and fruitful in Wheat, Rye, Rice, Oxen, Sheep, Boars, Conies, Sanguis Draconum, Fruits, Flowers, and Grapes.

The *Canaries*, so call'd from the Multitude, *Magnorum Cenerum*, saith *Pliny*, L. 6. C. 32. were first discovered by one *Machau*, an *English-man*, by whose Directions it was conquered two Years after by *Lewis de Cordes*, in 1230, sent thither by the Commission of *Peabro*, King of *Aragon*; but *John II.* King of *Castile*, soon wrested them from him, and lost them a little after to the *French*, from whom *Don Henrique*, Infant of *Spain*, took them, and united them to the *Spanish* Monarchy, in whose subjection they still remain. These Islands (call'd by *Plato*, *Aristotle*, and *Plutarch*, *Atlantides*, and by *Pliny*, *Hesperides*) are from the *Morocco*, or *Libyan* Continent 20 Leagues, and from *Spain* 200. They are commonly number'd seven, and were anciently call'd *Canaria*, *Caparia*, *Nivaria*, *Junonia*, *Ombria* or *Pluvialia*, *Apsaria*, or *Fracta Lanca*, and *Cispiria*, or *Fortunata*; but now they are denominat'd, *Canaria*, *La Palma*, *Teneriffa*, *Lancera*, *Hiero*, *La Genera*, and *Forteventura*. In ancient times the People knew no God but Nature, were ignorant of the use of Fire, shaved with Flint-stones, gave their Children to be nurs'd by Goats, tild the Earth with Ox's Horns, hated the slaughter of Beasts, used Women in common, had no property of Goods, lived in Woods, eat nothing but Herbs; yet some had glimmerings of the Immortality of the Soul, for they wash'd their Dead, and put them in a Cave, with a Staff in one Hand, and a Pail of Milk and Wine set by them to comfort and support them in their Journey to Paradise. They are now civiliz'd, and profess Popery, and the Inquisition keeps all Protestants from them. The Grand Inquisitors Residence is at *Grand Canary*, whether all the other Isles usually repair for Justice. This Isle abounds with Goats, Beefs, Asses, Hogs, Barly, Rye, Rice, variety of Flowers, Grapes, and other excellent Fruit, as also Ingenio's, or Sugar-houses, where they grind their Canes, and make Sugar. It is about 50 Miles Diameter, and has at the South end a large Bay call'd *Maspalomba*, which yields fresh Water. It is 13 Leagues from *S. Cruz* in *Teneriffa*, 20 from *Forteventura*, and 15 from *Lancera*.

Teneriffa is 50 *English* Miles in length, and equals the *Grand Canary* for Inhabitants. Its chief Towns are *S. Cruz* and *Lingona* or *Laguna*, which stands at the bottom of the Hill call'd *Garcero*. This Town exceeds all the rest in all the Isles for abundance of excellent Grapes, yielding yearly, as some say, 28000 Burs of Sack. The Mountain is said to be 15 Miles high by moit, but by *Saliger* 60, and by one *Nicola* an *English-man*, who lived there some time, 47, but they must mean by the oblique Ascend; for *Pancinus* says, 'tis but four Miles 15 Furlongs perpendicular. Nevertheless it lifts up its lofty top, *Teyas*, so high, that it is seen in clear weather 120 Miles. At the bottom of it is plenty of Wood, in the middle Snow, and on the top Flames, the Veins of Brimstone burning, which the People call the *Devil's Cannon*. It is about thirteen Leagues from *Grand Canary*, and 20 from *La Palma*, five from *Genera*, 75 from *Atak*, and 70 from *Madeira*. In old times they used to embalm their dead, and lay them in deep Caves, some standing, others lying, and in such like different Postures. Their Dormitories were reputed very venerable, and rarely seen but by permission.

Hiero or *Ferrain* bears S. S. W. from *Grand Canary*, and appears very high to the Ships that pass by. It is ten Leagues from *La Palma*, and not above six Leagues in compals. It is famous for one Tree, call'd by the Natives *Garre*, and by the *Spaniards* *Santo*, which affords fresh Water to all the Inhabitants: It is darkned with a cloudy mist some part of the day, which casts such a plentiful Dew upon the Leaves, as distils in Streams of clear sweet drops into large stone Cisterns, capacious enough to furnish not only the People, but all the Cattle in the Island with water; so that they never drink of Rivers or Ponds. This seems marvellous, but in *S. Thomas's* Island, which lies under the Line, most of the Trees have the same property.

La Palma is very high and woody. *Forteventura* is 15 Leagues long and 8 broad, and near *Lancera*, which is less than *Teneriffa*. These two Islands were taken by the *Eng'ls* in 1576, and the other by the *Dutch* after, which has occasion'd them both to be better fortified.

Genera is six Leagues from *Teneriffa*, and eight leagues from *Lancera* and *Forteventura*, is another little Isle

called *Labor*, and by *Lancera*, two other small Isles call'd *Gratiola* and *Alagona*.

On the East of these Isles by *Fex* and *Abocco*, which are part of *Mauritania Tingitana*, so call'd from *Tangier*, a considerable Town upon the *African* Coast, opposite to *Gibraltar* in *Spain*, which resemble *Dece* and *Casib*, and have a like influence upon that narrow Streight.

The ninth of *April* they cross'd the Tropic of Cancer, which is of like distance from the *Equator*, as the most Limits of the Temperate Zone from the Pole. It is so call'd from the Sun's returning from that sign in 30. like a Crab, which goes backward.

On the 14th they came under the Sun, being in 14 Degrees North, and on the 15th were in sight of *Cape Verd*, call'd by *Pliny*, *Hesperia Cyma*, or *Hesperia*, and by the *Ethiopsians*, *Bly* and *Morocco*.

On the 21st, he came so far in the Torrid Zone, that the Sun darting out its fiery Beams, the Air seem'd to be inflamed, the Sea warm, and Ships telephareous, for all they all sweat and broiled, and were unable to sleep, rest, eat, or drink, which continued seven days, and then an abortive Cloud let down a thick Rain, not in moderate Drops, but so impetuously, as would sink a Ship, if it came under the Dart of it, and immediately as soon as it came into the Sea, a Whirlwind arose, which much endanger'd their Ships, but a fresh gale soon pott'd them out of harm's way, and carried them beyond the *Equinoctial*: under the Line the heat is not so unufferable, as in many places more remote, where here are constant Breezes toward Sun set, and the Nights being equal to the Day, are ordinarily very downy, which much abates the heat of the day: besides they have two Winters, and in their hottest Weather they feel not of other Breezes at nine in the Morning, and four in the Afternoon, and none at Noon.

On the 26th they came to *S. Cruz*, where they enter into the *Monsoon*, or *Anniversary* Wind, which blows for six Months together constantly from one Point, beginning exactly from the Sun's entrance into a sign of the *Zodiac*, and so continuing, till it enters into the contrary Degree, when it begins to blow the contrary way, and holds as long.

May the 21st, they came into eight Deg. Antarctic Latitude, having the *Morocco* on the one side, and the *Bly* on the other: The *Trade* Shear runs on in divers Names, as *Segre* in six Deg. *Segre* in nine; *Morocco*, *Segre*, *Morocco*, *Segre*, *Morocco*, *Segre*, and *Casib*, full of thick Watches, with a Law and Religion, but rich in *Idols*, and worshipping with the best Minerals and Elements, being full of *Religion* and Villany, and worshipping *Mummies*, *Idols*, and deformed Idols of *Deities*, in shapes of *Dragons*, *Cats*, *Owls*, *Bats*, *Snakes*, *Dogs*, *Cats*, and whatever else they will urge them to, in their most infernal practices, paying homage, proweing, following, and de-colouring their Cankles with Juice of *Leeks*, *Knee*, *Roots*, and *Fruit*. The Women dresse the New Moon every Month, by throwing their naked Breasts before, and the Men complying with them, and shooting Arrows against it. *AD* was of that value, and with them, that 20000 were exchanged for 100000 now they make a better Market of them, to send their Slaves to the *Canary* Islands, and other parts of *Africa*; a Trade by which 'tis to be feared Christians will make but little gain, since they have no use of converting their Souls, such Merchandize being a great Sin among Christians, tho' practis'd by *Jews* and *Muslims*. Their Gun is a sort of *Hampson*, or Shells, *Glass*, *Balls*, *Stoves*, and such like trash. They marry not, and bury thus: They wash, paint, and apparel the Dead, and lay them in a spacious Dormitory, with their *Armolets* and *Braiders*. They circle the Grave with many *Getties* and *Prayers*, concluding with the Sacrifice of a lusty Goat.

In *Laogza* and *Angiza*, which lie under the *Equator*, the People are, as in *Colony*, so in *Colony* in habit, other than Devils incarnate; for not satiated with the Food Nature has provided for them, they eat a Man's Flesh with a Vultur's Appetite, killing their Neighbouring Nations; and if they fall of them, slaughtering their Friends, who sometimes to ease themselves of *Tumors* or *Diseases*, will offer themselves to the Knife, as they delight in it themselves, so they offer it to their Gods. Nothing is so commendable in them, as their Archery, in which they excel; for they'll fire up a dozen Arrows before the nut falls to the Ground. Their other Arms are Clubs and Darts, long and small, barbed with Iron, very sharp and bright, and sometimes pointed with the Sharp Juice of the *Quercus*, which is like Milk, but very venomous.

The Canaries detest'd.

1711

1712

1713

1714

1715

1716

The Miconda-Tree is high and thick, twelve Fathoms about, yet so porous as to be of no use for building. The only Ornaments they have is to stash and pink their Faces and Skins. The Sun and Moon are reputed Man and Wife, and the Stars their Children, in their Religion; the Devil is their Oracle. They have store of Gold, but use Shells for Coin, which they call *Simbo*. They are found near the Island of *Loanda*, in eight Deg. South, and tho' they are of small value elsewhere, yet here they are of great price.

May 21. They cross the Tropick of Capricorn, in 23 Degrees of South Latitude, and were driven upon the Coast of *B. ebi*.

In a serene Air, a Bird called a Porby, perched upon the Yard-arm of the Ship, and suffered the Men to take them, which makes their simplicity a Proverb; but they soon came under a Storm, in which the Lightning hung about the Yards and tackling of the Ship. Of old, the Greeks called such Fires *Ceter* and *Pallux*, and believ'd, that one or three of them betoken'd Storms and Shipwrecks, but two foretel Halcyon Weather, and safety; but little can be gathered from such Exhalations, which are natural.

Sept 24 they raised the Pole Antarick 35 Deg. at which time their Longitude from the *Lizard* was 25 Deg. with three Min. In *England* it was then Mid-winter, but there Mid-summer, being near the *Autumn*.

Sept 7. Before in the Morning they discovered by the Surge, or Sea-Weeds they saw afloat, they were near the Cape, which they descried next Morning, tho' 10 Miles distant, being an high Land: but the Wind not favouring them, they could not reach it, but cast their Anchor 12 Leagues short of *Saldania-Bay*, before a small Isle call'd *Santhia*, so called from the abundance of those Creatures found there, and that larger than Cats, but strong Meat. Here are also found about this Island an abundance of Penguins, or white Birds from their Colour. In these Birds of all other go the most exact in their motion, their Wings or Fins hanging down like Sleeves, covered with down instead of Feathers, the Legs being of more use to them than their Wings; they tread on both at Sea and Grabs on Shore, and have Holes in the Earth to live in like Coneys. They are a degenerate Duck, using both Sea and Land, the one to breed in and the other to feed in. They are very oily and fat, and here a Venture to eat them, but not wisely.

On these Coasts are also great numbers of Seals or Sea-Calves, call'd *Piscis Marini*, as big as the greatest Sort of Mattres, and something like them in visage, but their barking is like the bellowing of Bulls. They are amphibious Animals, and equally use the Land and Water; and tho' they are easily kill'd if one intercept between them and the Sea, yet being past one, they have such an Art of casting back Stones upon their Pursuers, that they endanger them. They are too oily to be good Food, but their Skins being tanned, are very useful.

Leaving this Isle, they came to another call'd *Perga* (the) from the multitude of those Birds. In their way they saw many Whales sporting in the Ocean, and in water was fuzzing up the Water thro' their Pipes and Vents, which nature has placed on their Shoulders: Some they descried to be 60 Foot long from head to tail, their Heads being well neigh a fourth, their Mouths being little less than ten Foot wide, and their Tongue proportionable; but their Eyes no bigger than an Apple: their Bodies are thick and round, and the Savages eat them, but Merchants cover them for profit, one usually affording twelve Ton of Oil. They engender by applying Belly to Belly, and bring forth but one at a Birth, like Elephants.

Sept 25 the first, they came to an Anchor in *Saldania-Bay*, (call'd so from *Saldania*, a Portuguese: It is 12 Leagues short of the Cape of *Good Hope*, of a semicircular form, both large and safe, and affords good Anchorage. The Land near the Shoar is low and fruitful, but five Miles from the Cape it is mountainous and barren, and from the Hills is call'd to see to the end of the Cape, as to the Capes *Falk* and *D'Agulles*, which are separated from each other by large Bays, but inconspicuous to an horizon. From these Mountains descends a small but pleasant Stream of sweet Water into the Bay of *Saldania*, which is very refreshing to the Bowels of the Seamen in these hot Countries.

The whole Country of *Saldania* is a Peninsula, join'd to the Continent by an Isthmus of Land of 20 Leagues which divides the *Red-Sea* from the Mediterranean. The Equinoctial-line divides it into two parts, the inward and outward, as *Homer* calls them, but as others, the greater

and lesser, which are either of them near as big as *Europe*. In length it runs from North to South, from *Tangier* (call'd anciently *Julia Tradutta*, and *Tingis Casaria*, from whence that part of *Mauritania* is call'd *Tingitana*) to the Cape de *Bona Speranza*, from the 35 Deg. 50 Min. Northern Latitude, to the 34 Deg. Southern, 4200 Miles; and in breadth, from Cape *Verd* in the Atlantick Ocean, to Cape *Guardesju* in *Ethiopia* near the *Red-Sea*, 2000. The name *Africa* is taken either from *Aphre*, one of the posterity of *Abraham*, by *Keturah*, or from *Africus*, cold, because it feels no Winter, as other Countries do. The *Hebrews* call it *Cham* and *Chus*. *Leo* divides it into four parts, *Barbaria*, *Namidia*, *Libya*, and *Nigiterum terra*: To which we must add *Ethiopia*, which contains the biggest half of *Africa*, as well as *Asia*; for it comprehended the three *Arabia's* and *India*. That in *Asia* is divided into the Superior, which stretcheth from the Equator to *Egypt* on the North, the *Red-Sea* on the East, and *Libya* on the West; and the Inferior, which extends it self from the Equinoctial Southerly to the Cape of *Good Hope*, being on the East and West circumscrib'd by the Ocean. This famous Cape elevates the Antarick Pole 34 Deg. and 3 Min Latitude, 28 Longitude, from the Meridian of the *Lizard*, and 43 from the *Azores*. From the Land's-end of *Corwall* 'tis 6600 *English* Miles, from the greater *Gate* 5550, from *Suez* 5400, and from *St. Helena*, which is S. E. from it, 1800. This Cape was first discovered by *Vasco de Gama* or *Berthelmeus de Dias*, an eminent Portuguese, in 1497, several Years before *Columbus's* Expedition.

The Soil about it is exceeding good, being covered at all times with Grass, and diapered with Flowers and Herbs, as Agrimony, Betony, Mint, Calamint, Sorrel, Scabious, Spinage, Thyme, Cardus Benedictus, Colocynthida, and many others.

The Rivers yield variety of Fish, as Trouts, Pyke, Pickerel, Tench, and Eels; Shellfish, as Crabs, Lobsters, Rock-fish, Craw-fish, Cockles, Muscles, Limpet, and Tortoises, which are small, but curiously coloured, very good Oysters, Thorn-backs, Gudgeons, and other Sea-fish, which are taken at the Flood in the fresh Water.

The Mountains are not without Marchasits and Minerals, but they are to be gained only by close search.

The Country affords also plenty of Beasts of divers sorts, as Buffalo's, large Cows with bunched Backs, Sheep with long Ears like Hounds, red Deer, Antelopes as large as Stags, Apes and Baboons of extraordinary sizes and colours, Lions, Panthers, Pards, Jackalls, Wolves, Dogs, Cats, Hares, Zebræ or P.de-Horses, Elephants, Camels, Unicorns.

Great store of Birds, as Hens, Geese, Turkeys, Penguins, Crows, Gulls, Thrushes, Pheasants, Pelicans, Storks, Ostriches, Pintado's, Alcatraces, Vultures, Eagles, Cranes, Cormorants, or Sea-Crows, which have so quick a smell, that after Battles they will scent the Carcasses many Miles. Here are also store of those beautiful Birds call'd *Palmie-Fleming's*, but by the *Arabians* *Rehema*, whose Feathers are crimson and white, as pure as can be imagin'd.

The Natives are propagated from *Cham*, and inherit his Curse; their Stature is mean, their Colour blackish, their Faces very thin, but well proportionate in their Limbs, which they pink and cut in several shapes, as their Fancies lead them for Ornament; their Heads are commonly long, their Hair woolly and crisp. Some have all their Heads, others half, and others leave only a Tuft on the Crown for ornament, but most adorn their Heads instead of shaving, with Spur-rowels, Brass Buttons, pieces of Pewter, Beads of several sorts, which they get of the Sayers for Mutton, Beef, Herbs, Ostriches Eggs, and Tortoise-shells. About their Arms and Legs they wear Chains of Copper, Brass, and Iron, with pieces of Ivory, and about their Necks they wear the raw Guts of Beasts, which they also eat; the rest of their Body is naked, save that about their Waste they have a Thong of Leather, which like the back of a Glove, serves to cover their *Pudenda*. The better sort wear Lions and Panthers Skins, as also Leopards, Bears, Calf or Sheep Skins, with their Hair turned inward: Upon their feet they wear a Sole, or piece of Leather tied with a little strap, which they hold in their Hands while they sit, that they may Neal with their Feet, which they will do very dextrously, while they look you in the Face, and think it no Crime. Some of them are Semi-eunuchs, and some Women use Exaltation.

They live in Caves, eat Locusts with Salt, and will use the Grave to feed on the dead Bodies: They use their

roast nor boil any thing, but devour every thing raw, as dead Whales, Seals, Pengwins, Geese, and raw Puddings, which they eat for great Dainties. Such as thro' old age or sickness, are not able to provide for themselves, they leave them upon the Mountains destitute of help, where if Famine and Cold do not destroy them, the wild Beasts do. Their Women are delivered without any trouble or pain, and they give their Children suck over their Shoulders.

Their Language is rather apishly than articulately sounded, and 'tis thought they have unnatural Copulation with those Beasts, with whom and Baboons their Women familiarly converse.

They have no knowledge of God, nor any spark of Devotion, no symptome of Heaven or Hell, no place set apart for worship, nor any Sabbath for rest.

They have little Art in War; their Weapon is commonly an Azaguay or Javelin, headed with Iron, directed by Feathers, which they can take on and off at pleasure. They have no Letters, Faith, or Law, living like wild Beasts for Ignorance, like Devils for Mischief, and like Dogs for Poverty.

On the 19th, they weighed Anchor, bending their Course to Madagascar; but in doubling the Cape they met with a storm, (foretold by the flight of a small long-winged black Bird (unjustly by Sea-men called the Devil's Bird) which being a kind of natural Astrologer, seldom appears, but against stormy Weather, of which it has so quick a sense, that it foretels the least alteration of the Air) that they could not arrive at it till the 22th day.

Madagascar, which by the Arabians is called *Sazandib*; by Ptolemy, *Menuthya*; by Mercator, *Do Cerne*; and *Insula Santi Georgii*, is unquestionably the greatest Island in the World, being in length, from Cape Roma, in the S. S. W. to St. Sebastian in the N. N. E. no less than 1000 Miles, and in breadth, in the narrowest place, 100.

The Air is temperate, save when the Sun is in or near the Zenith. The Soil is in most places luxuriant, because they have Rain every Week, and Winds continually, either from the Mountains in the Morning, or Ocean in the Afternoon, by which means the Ground is fitted for Seed and Fruit.

It produces much Wood, and particularly Ebony, and 'tis thought that there is Gold in the Inland parts of it.

The Rivers abound with Fish, and it wants not reasonable good Roads and Harbours for Ships to ride in; pity it is that so noble and populous a place should be still uncivil, and corrupted with Heathenism and Mahometanism.

The maritime Towns are only known to us, as *Roma*, *Agafine*, *Antanofia*, *S. Jacobs*, *Matarana*, *Angoda*, *Isarba*, *Fomoso*, *Antongil*, and *Zangomar*; but *Augustine Bay* under the Tropick, and *Antongil* on the East side, afford the best Anchorage. It was lately governed by four Kings, who were very jealous of each other's greatness. The maritime Towns profess the *Mahometan* Religion, and the mid-land Heathenism.

They punish Murder with death, Adultery with publick shame, and Theft with banishment. Those that live by the Sea love fishing more than Tillage. The People are generally strong, active, and courageous, and the Men delight much in warlike Actions, using Targets to defend their naked Bodies, and for offensive Weapons, a long Azaguay or Lance, barbed with Iron, kept bright, and poisoned, which they know how to throw as well as any People in the Universe.

They are black, never shading their Bodies from the parching Sun, only anointing them with Grease and Tallow to keep them from cracking; proud to see their Flesh shine, and never being offended at the stink: Their Hair is black, long, and curled, the length is an ornament. They have only a few Leaves plated together about their Waste, otherwise they go naked. Their Ears are bored, and wide enough, they pluck and cut their Flesh; the Men seek Prey abroad, while the Women sit at home and spin.

Ripam is allowed, and they marry very early; the Youth at twelve, and the Maids at ten Years old. They are delighted with Sports and Novelties, Hunting, Hawking, Fishing and Dancing, in which the Men use divers windings and turnings, beating and clapping their Breasts and Hands, while the Women with savage harmony, play with their Hands and Eyes, and observe a measure.

Till of late they knew not Letters, but now necessity has taught them a little Arithmetick. Their Language ever since they have embrac'd the *Mahometan* Religion,

is mix'd with *Arabick*, but most on the Sea-Coast. This Isle is rich in Minerals and Marchasites, Gold, Silver, Iron, and Copper, Agates, Heliotropes, and Jasper, are good Commodities in this Isle, but that which is more valuable with them, than the Diamonds and Pearls are in *India*, are long, red, *Cornelian* Beads, *Hazagus* they call them: they hang them in their Hair, and as Chains about their Necks, being then so brave in their own Opinion, that all other Ornaments seem needless to them.

They have also a great esteem for Bracelets, Copper, Chains, Bells, Babies, and Triangular Glasses, for which they'll give you in exchange big-tail'd Sheep, Buffalo's, big-boned, fat, and Camel-back'd Antelopes, red Deer, Leopards, Pards, Goats Milk, Hens Eggs, Wheat, Barley, Rice, and Cuscas, with what Fruit you like, as Oranges, Limons, Lymes, Pome-citrons, Plantanes, Sugar-Canes, Ginger, Toddy, Coco's, &c.

Here are also Lizzarus and Cameleons, which is a lean deformed Beast. It is an old opinion, that it feeds upon the Air, but it is an error, for they lick up Flies, Beerles, and the like, very dextrously.

Salamanders also are found in this Isle; they are a sort of Lizard, extream cold by Nature, and will like Ice endure the Fire for some time, yet put it out if it be little, but a great fire will burn them, as we know by experience: they lie in moist and shady places, and seldom appear but before a Storm; their Teeth and Tongues are venomous, but their Flesh may be eaten without danger.

Departing from Madagascar, they steered N. E. E. with a design to reach *Mobelia*, and nine Leagues from it, one of their Men took a Shark nine Foot and half long. This ravenous Man-eating Fish (which is also called the *Hayn* or *Tu. e. co.*) is armed with a double row of venomous Teeth, directed by a little rhombus or Musculus, variously streaked and painted with blew and white, that sends to and fro to bring the Shark intelligence of a Prey, for which service the Shark will suffer him to suck when he pleaseth. These Fish are very noxious to Sea-men, who in calms love to sport and refresh themselves in the Sea with swimming, and are sometimes devoured by this greedy Monster, and sometimes suffer the loss of a Member. This Fish has a peculiar Nature: 'tis reported of it, that it doth not spawn like other Fishes, but whelps like Bitches, and their Off-spring is very numerous; for in this they found when it was opened, 55 young ones, every Fish a foot long, and in Storms and dark Nights they will receive their young ones into their Belies to secure them.

In their way they passed by a Charibous, in 21 Deg. variation 13, and 17 Min. called *Mafic ena*, and were cast upon the Shoals of *Mezarique*. Experience teacheth us, that from the Cape of Good Hope, the Current sets strong Westward; and that from the Cape Orientis to the Equinoctial Line, the African Shoar is for the most part called *M. l. d. e.* Upon the Coast are store of Fruits, Corn, Minerals, Flowers, Plants, Herbs, and Cattle of all sorts, and in plenty.

Among the rest are store of wild Hogs, which the Natives, if not *Mahometans*, hunt and eat, for their Flesh is exceeding dainty, and in their Maw they often find a Stone, which is in great request, because it is a very sovereign Medicine against poyson, and many other Maladies; this Virtue (as is supposed) proceeding from their feeding on the Herbs and Drugs, which the Earth brings forth there in great plenty and variety.

As they passed along, they met with several dangerous Isles, as *John de Nova*, *P. unice*, and others. Under the 17 Deg. 17 Min. Latitude, and 20 Deg. 20 Min. Longitude, the Current sets South-west, and they came to the Peninsula of *Mozambique*, which is a Part of the great Kingdom of *Zangubar*, and not far from the Cape or Promontory, call'd by *Ptolemy* *Prasum*, between which and the Cape *Riprum*, the People in his time were Man-eaters, as the Negroes are at this day. This Country affords the best of Merchandises, as Gold, Silver, Elephant-Teeth, and Ambergreate: The *Portu guese*, who have conquer'd all these Coasts as far as the *East-Indies*, have a Fort of good strength here, as they have many Towns and fortified places all along those Coasts, where they have several Colonies. In these Seas are great numbers of Dolphins, which is a Fish incredibly swift, and quick-sighted, but no bigger than a Salmon. It glitters in the Ocean with variety of beautiful Colours, has few scales. It much affects the Company of Men, and are always constant to their Mates. They generate by Sperm, and are nourished like Men; embrace, join, and go with young ten Months; so tenderly affected to their Parents, that when they are 300 years old, they feed and defend them against hungry Fishes, and

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Cornelian Beads

Their Beasts

Cameleons

Sort of Lizard

The Shark, his nature, &c.

Wild Hogs

Mozambique

Dolphin

and when dead, to avoid the Shark and other voracious Fish, carry them aboard and bury them: they were glad of the company of these Ships, and pursued them many hundred Miles.

Sea-Isles
Six Leagues from this Land, N. E. is one of the Isles of Orange, called *Mary*, seated North of *Madagascar*, and by it are four more, which bear the same name, but are call'd particularly *Mary*, *Jessu*, *Morlie*, and *Gazida*. Each of them is very serviceable for refreshing Sea-men, in that they abound with delicate Fruits and Cattle, which they sell at easie rates. None of them are above an hundred Miles in compass.

Orange
Orange is the highest and best Land, and is full of Palm-tree-Trees; but the People are perfidious; for some *English-men* being invited aboard by them out of the Ship *Perseus*, for Water and other Refreshments, were treacherously slain by the Inhabitants.

Jessu
Jessu is inhabited by a better People, that may be trusted, and governed by a King, tho' something tyrannical. About this Isle are Sea-Tortoises, which differ not much from the Land, but their Shells are something flatter: By overturning them they are easily taken, but their Flesh is watrish, and causes Fluxes. They have neither Tongue, nor Teeth, superabound in Eggs, some of them having near 2000, pale and round, and not cast, made hard by much boiling. They cover their Eggs by the Sand, and the Sun hatcheth them; such as have strong Appetites will eat them, but there can be no prevailing motive to it but famine or novelty.

The Manatee
The *Manatee*, or *Cow-Fish*, is also found in these Seas: It is good Meat, because using the Shoar it hath a flesh taste, resembling *Veal*, which also it shews like; the Face is like a shrivell'd *Buffalo* or *Cow*, the Eyes are small and round, and has hard Gums instead of Teeth; the Inrals also are like a *Cow's*: there is a Stone generated in the Head, which is very valuable, being a sovereign remedy (as some report) against Cholick, Stone-Cholick, and *Dysentery*, being beat small, infused in *Wine*, and drunk fasting: the Body of this Fish is three Yards long and one broad, thick-skinn'd, and without Scales, narrow towards the Tail, which is very nervous, slow in swimming, because it wants Fins, in lieu of which it has two Paps, which it can use either to suckle its young withal, or creep aboard, where it grazes, and where it delights to lie and sleep; for it can't keep half an Hour under Water. It is very teachable and apt to be made tame, being fam'd like the *Lizzard* for their love to Man, whose Face they delight to lock upon, and in weakness have refreshed them.

The Carvel
The *Carvel*, or *Sea-Spider* floats upon the Surface of the Ocean like a *Foam*, is of a globous form, throw abroad her strings like 10 many Lines, which she can spread at pleasure, and angle with them for small Fish, which by them she catches; when she finds her Web too weak, she blows an insectous breath, and seems armed with such a Sting, as if she had borrowed it of the *Scorpion*.

September the 11th
September the 11th, they came to an Anchor on the West side of *Mozambique*, a Bow-shot from a small Village of *Scraw*, called *Moraguzo*, governed by a *Slave-Bando*, named *Silva*, a black big-bow'd Man, and a *Mahometan* by profession, shy and crafty in bartering *Victuals* and *Fruits* for *Commodities*. *Mozambique* lies in 12 Deg. 15 Min. Southern Latitude, and 24 Deg. Longitude from the Meridian of the Cape of *Good Hope*: It is about 60 Miles in compass: the Coasts rise gently, but the Inlands are mountains and woody. The Villages lie dispersed up and down the Country, but the Houses are thatch'd with *Reeds* and *Straw*, fitted to the Torrid Zone. The Inhabitants are a mixture of *Mahometans* and *Christians*, who worship the *Santa Cruz*. The *Portugals* have lately preach'd *Christianity* here, but have but few *Disciples*: they call their King *Sultan*: their Language is a mixture of *Portugall* and *Malabar*: the People are perfectly black as a *Raven*, which proceeds, as some think, from the heat of the Sun, drawing the Blood to the outward parts; others from the Soil, and others from the Seed, which they say, is black; but whether from any of these or no, is uncertain. The *Mahometans* have big Lips, flat Noses, sharp Chins, and large Limbs.

They content themselves with *Adam's Guard*, a few *Leaves* to cover their shame, but not and pink the Skins of their Face, Arms, and Thighs for ornament, striving to excel each other in variety. Our Habit and white Complexion is as strange to them, as their blackness and nakedness is to us.

The *Mexican Zealots* have here a few poor *Mosques*, made of *Straw* and *Bambo's* without, but matted neatly within, and none may enter them with their Shoes on.

They deal some of them at least in *Magick*, as we might had a proof in one, who in a storm of *Thunder* and *Rain*, stood trembling, and now and then lifting up his Hands and Eyes, muttered certain words, then leaping up in a kind of rapture, unsheath'd a long *Knife*, and having brandish'd it about his Head seven or eight times, and muttering some words every time, put it up again, then kiss'd the Earth three times, and then he arose, and on a sudden the Sky cleared, and there was no more *Rain*.

Two Kings command this Isle, called *Phanconal* and *Synal-bey*, the one a *Native*, the other an *Arabian*, both made great by their Wives, the Daughters of *Sultan She-ipo Beboocharee* and *Nannegalla*, who with their Husbands, live in continual defiance of one another. The People are long-liv'd, the Fruits are excellent, and the Air tolerable.

Tobacco grows here plentifully, and is of good account, tho' weak and leafy, they take it in long Pipes of *Canes*: As the *Irish* and *Spaniards* use sneezing Powder, so do these *Savages Arcua*, which resembles the *Nutmeg*, and being rowled up in *Leaves* of *Betel*, which are like our *Ivy*, and mixed with a chalky substance, made of burnt *Oyster-shells*, they chew it almost continually, and find it very good in the operation; for it discolours their white Teeth to a pure crimson, perfumes the Breath, kills Worms, intoxicates the Brain, dries Rheums, helps Nature, and begets an Appetite.

This Isle produceth many useful things, as *Buffalo's*, *Goats*, *Turtles*, *Hens*, huge *Bats*, *Cameleons*, *Rice*, *Pease*, *Cuscus*, *Honey*, and the *Sea Breams*, *Cavallio's*, *Oysters*, *Mother of Pearl*, and good *Pearl*, *Toddy*, *Coco's*, *Plantain*, *Oranges*, *Limons*, *Lymes*, *Pome-Citrons*, *Ananas's*, *Cucumbers*, *Sugar-Canes*, *Tamarinds*, and red *Indian Dates*. In fine, 'tis always verdant, the daily *Rains* and *Breezes* cooling their Heats, and making a perpetual *Summer*.

Three sorts of Fruit are very remarkable in this Isle: First, The *Plantain* is a Fruit in taste and odour second to none, and covered with a broad Leaf. It hangs in clusters like *Beans* upon a *Branch* or *Stalk*; the shape is long and round, much like a *Sausage*. If you peel off the Rind, the Fruit appears of a *Gold* yellow, and is relished like a *Himself* *Pear*, so delicious, that it melts in ones Mouth, leaving a delightful gust. 'Tis good for *Urine*, but bad for *Fluxes*, if it meets with crude *Stomachs*; and if liberally eaten, despoles to *Dysenteries*.

Secondly, The *Coco*, another excellent Fruit, is covered with a thick Rind, and is equal in bigness to a *Cabbage*: the Shell resembles a dead *Man's skull*, a mark of *Eyes*, *Nose*, and *Mouth* being easily discern'd on it: It yields a quart of *Liquor*, coloured like new *White-wine*, but of a far more aromatick taste: the Meat or kernel, like other *Nuts*, cleaves to the Shell, and is not easily parted; the Pith or Meat is above an Inch thick, and better relished than our *Philberts*; and one of them affords enough to fill the Bellies of two reasonable Men.

The Tree, which is straight and lusty, having no Branches, but a *Plume* at top, beautified with these large *Nuts*, is good timber, and of it they make *Canoes*, *Masts* and *Anchor's*. The Rind is dressed like *Flax*, and serves for *Sails*, *Mats*, *Cables*, and *Linen*; the Shell for *Furniture*, as *Dishes* and *Vessels*, the Leaves for covering of *Tents* and tiling *Houses*. Thirdly, The *Toddy-tree* is like the *Date* or *Palm*; the Wine called *Toddy* is got by wounding and piercing the Tree, and putting a Jar or *Pitcher* under it, so as the *Liquor* may drop into it. At the top it has a *Pulp*, which being boiled, eats like a *Cauly Flower*, but being cropped, the Tree dies, because the Life of the Tree seems to consist in it. These Trees (like *Dates*) thrive not, except at some certain time the flowering *Male* and *Female* be united, or grow near to each other. *Toddy* for colour resembles *Whey*, but tastes like *Rhenish*; at the first drinking 'tis unpleasant, but seems to taste better and better every draught: A little makes Men merry, and much inebriates: In the Morning it is round laxative, in the Evening costive, and at *Mid-night* dangerous. These Fruits and all other things are easily purchas'd; they give 30 *Oranges* or *Limons* for a Sheet of *Paper*, ten *Coco-nuts* for two Sheets, an *Ox* for a Piece of *Eight*, and a *Goat* for six pence.

Ships and Boats they have none, but *Cano's*, hewed out of one Tree, yet capable to hold three Men; if they sink, they help themselves by swimming.

September the 15th, they took their leave of *Mobelia* with a fair Gale, and in four days came within four Deg. of the Equinoctial.

On September the 19th, at Night the Sea about them seemed as white as Snow, contrary to the usual colour, which is azure or blew, but from what cause our Author could not guess. The next day they had the Sun on their Zenith, and coasted along the rich and famous part of South Africa, called *Soffala*, part of *Aegysimba*, where the Portuguese have a considerable Fort and Cattle to awe the *Negus*: this Country has store of Gold.

Upon these Coasts lie the Isles of *Mombassa*, *Megadova*, *Zanzibar*, *Pata*, and *Brava*, places very hot sometimes, because the Equinoctial cuts them. The Shoar from them tends to *Banagassa*, a Port, once under the great *Negus*, who till of late, held all that tract of Land from Cape *Guedes* to *Suachem* in the *Red-Sea*. This Prince, who is called by the Christians generally *Presbyter-John*, by the *Mores* *Ajici* *Abesh*, and by his own People *Acque* or *Negus*, is supposed in power not to be inferiour to the greatest Prince of the World. He is said to be able to raise 100000 Men for War, and to be of such Wealth, that he offered the Portuguese a Million of Gold to aid him against his Adversaries. His Dominion extends as far as *Nubia* and the Confines of *Egypt* Northward; to the *Red-Sea* and *Barwick* Gulph, as far as *Ajaman* and *Dangali* Eastward; Kingdoms of *Ethiopia Exterior*, to the *Manzo* Land, Southward; and as far as *Nilus*, *Niger*, and *Manicongo*, the two greatest Rivers of *Africa*, Westward: So that this Empire consists of 70 tributary and subordinate Kingdoms, and reaches from one Tropic to the other. He is said to be descended of *Megada*, the Queen of *Saba*, which gave *Solomon* so kind a visit, and brought home to her Subjects the Jewish Religion, in which they continued, till Queen *Candace* Eunuch, brought them home the Christian, in which they were farther instructed and confirmed (as is said) by *Thomas* the Apostle, and continue in that Profession to this day. His Country is in the most unpleasant and scorching part of *Africa*, of which the greatest part is rowling Sands, which permit no Foundations of Towns or long Stations, and therefore he and his People lead a vagrant course of Life, and dwell in Tents after the old *Nimidian* manner, which makes some question his Power or Courage, that he will be penn'd up in so bad a Country, and not by his Arms make way for a better Habitation for Himself and Subjects, or at least preserve his Ports for Traffick and Correspondence with other Christian Princes, which he has not of late done; for the Savages have taken from him all his Ports, and command upon the *Ethiopian* Coasts in *Ethiopia Interior*, from the Kingdom of *Adell* to Cape *Guedes*; and *Sultan Sahman* has expelled him from *Ercoa* and *Suachem*, his only Ports upon the *Red-Sea*.

Coming under the 8 Deg. the *Monsoon* became adverse to them, and their Ships cut their way slowly, tho' securely, thro' the Waves, till at length passing by the Cape of *Bateimundel*, they came to the Isle of *Socotra*, in the Mouth of the *Red-Sea*, where they waited for a favourable Gale.

Socotra is an Isle well known to former Ages, to some by the Names of *Disjonda* and *Succaba*, but *Ptolemy* calls it *Topazo* from the great plenty of Topaze found there. It lies in 13 Deg. Northern Latitude, and is about 15 Leagues long and ten broad: It lies nearest *Arabia*, but belongs to *Arabia Felix*. It affords plenty of all things for the sustenance of the Inhabitants, as Corn, Fruit, and Cattle, as also Olives, Coco's, Dates, Pittachos, Oranges, Limons, Pomegranates, Pomecitrons, Melons, Sugar-Canes, and the like Fruits. It produces also the best Aloes, called by the *Spaniards* *Sempervivum*, and *Sanguis Draconum*, or Dragon's Blood, which is a Gum produced by a small Tree, at certain Scissures made in it for that end. Civet-Cats are also bred here, and tho' they sell the Civet cheap, yet the plenty of it enriches the Owners. The Inhabitants are a mixture of Christians and *Mulometans*, their Complexions black, the Sun twice every Year darting his Rays perpendicularly upon them, and then no place in the World is hotter. They are reasonably civil by Nature, and are said to be a Colony planted there by *Alexander* the Great, by the advice of *Ajetic* his Matter, who met him there, when he was returning from *Judea* to *Babylon*.

That they were early converted to Christianity, tho' by whom is not known, is certain by Ecclesiastical History, but they were infected with the Errors of the Nestorians and Jacobites, which last use both Circumcision and Baptism. Their Churches express no less, being built in the form of a Cross. They had a Patriarch resident among them till of late, and now they have

other Clergy, whom they reverence, and cheerfully pay their Tyths to them, by whom they are instructed in the worship of God, and how to observe both Fasts and Festivals: they highly reverence their Elders: Humility is both commended and commanded. Second Marriage (except where there is no issue) are disallowed. In Baptism they use the sign of the Cross, and partake of both Elements in the Sacrament. They wash the Dead, and being wound up in clean Linnen, bury them, with their Heads towards *Jerusalem*, but shew little signs of Mourning. *John de Capis* for many Days found high water here at the Moon's rising, and as the Moon ascended, the Tides decreased: so as it was low water when the Moon was highest, contrary to the Effects of it observed in other places.

Aden, a Town upon the *Arabian* Continent, lying in 12 Deg. 35 Min. Northern Latitude, may be seen from this Isle: 'Tis likely to be the place called *Ezer* in *Ezekiel*, c. 27. 23. This, tho' it be a much frequented Road, is none of the best; for at the Change it flows not above eight Foot water, tho' a S. E. or N. W. Moon makes a full Sea. The Town is low in its situation, and sulphuriously shaded by the high and barren Mountain of *Cobeharra*, whose brazen Front miserably scorches the Country. The Sea so compasses it, as to make a *Cherfonse*. The Circuit of the Town is large enough, but built thinly; and the Inhabitants shew a discontent at their Turkish Slavery. *Oswin* and *Munster* describe it as a place of great Commerce and Magnificence, but now no signs of either are to be seen. The Castle is the most noted Building in it: It is built near the Sea to command the Road, and the situation of it is strong, which is also much augmented by those many Pieces of Cannon which are planted on the Bulwarks, having withal a large Grate and Counter-carp, only to be entered by a very narrow Path: so that one would think it prepared to secure all the Treasure of *Asia*, whereas within are nothing but Souldiers and Ammunition to secure the Turkish Government, and extort Contributions from all those South Parts of *Ajaman*.

Being now in the *Red-Sea*, our Author gives us this account of it, and says, That tho' 'tis probable that it might take its name either from the Country of *Edem*, on which it borders, for *Edem* signifies Red; or from an ancient King named *Ethiopia*, who reign'd and had a long Residence hereabouts, tho' his Tomb is erected near *Omus* in the Isle *Timia*, at the other end of *Arabia Felix*; yet that Derivation which some give it from the red Sand, or Sea-weed, called *Sargasse*, floating there, is not without some colour or shew of reason; for the Sand, especially when the Sun visits the Antipodes, gives a ruddy Reflection; and it is observed, that from *Suachem* (a noted Town on the *Ethiopi* side) to *Suez*, which is an hundred Leagues, the Water is shoal, and by reason of the plenty of red Coral found there, seems to have a reddish tincture. It is accounted 1000 English Miles from Cape *Guedes* to *Suez* in length: but 'tis narrow; for at *Guedes* 'tis but 50 Miles broad; and at the Straight between *Aden* and *Suez*, the breadth is but 15 Miles, where 'tis said the *Egyptian* Monarchy of old hung a Chain a-cross to stop the Passage into the *Gulph*, as *Strabo* relates: but the *Red-Sea* in its largest use, extends to the *Indian* Shore, 'Tis a shoal and dangerous, except in the middle of the Channel, where the greatest Vessels in fair weather may sail boldly.

Formerly there were upon the Shore of it, sundry famous Ports and Harbours, *Saba*, *Saba*, *Aracca*, *Suachem*, *Mafus*, *Daba*, *Yaba*, *Pelictora*, *Yocum*, and *Seyla*, on the *Ethiopic* Shore, and *Tre*, *Libna*, or *Elak*, *Petra*, *Lizongeta* on the *Arabian*; yet now *Mecha* is most traded to.

At *Pilabiorth*, which is between *Tiro* and *Suez*, is yet shewn the places where *Moses* first entred into the *Red-Sea* and *Petra*, which the *Hebrews* call *Zalfrut*, now *Arach* is the place where *Ruth* was born, and is trad'd for base ingratitude to their Princes *Canaan*, because the People set on fire those Ships, which she had with great pains haled to *Suez* from the *Nile*, in order to make her escape with *M. Archem* by the *Red-Sea* into the *Ind* after the Victory of *Naphtalim* or *Archem*. From *Suez* to the *Nile* is not above 25 Leagues; from *Aden* to *Tiro* five days easy travel. The Isthmus between the *Mediterranean* and *Red-Sea* is not above 50 Miles; and tho' several Kings of *Egypt*, as *Senusis* I. then *Darius*, and after some of the *Ptolemies* made several Attempts to cut a free Passage for Ships thro' it, and shorten the Voyage to the *Ind*, yet they could not effect it, tho' the Country is low and very fit for it; but God, who has set the Ocean in the ends, would not suffer Man to enlarge us I have

The warm part of *Aethiopia Interior* being the nearest of the *Tropicks* Country, by most called *Aethiopia sub-Aegyptia*, and lying on the West-side of the Red-Sea, was (as some say) first planted by *Cin* the Son of *Char*, after his departure out of *Arabia*, but as others hold by *Son* the Son of *Ishmael*; the air is extremely hot while the Sun is vertical, which instructs the Inhabitants to seek their shade, and take up their Habitations under ground, for their Country extends 20 deg. on each side the Line. From the Red-Sea towards the West, for above 600 Miles, its soil of Hills, and towards the East barren, the Midland being covered with a loose Sand, which makes it unpassable.

Upon the Banks of the Red-Sea, on this side these Towns, have formerly been Ports, viz. *Suez*, *Sis*, *Socatra*, *Perse*, and some others, and were much frequented by the *Aegyptian* Merchants, and others; but since the principal Marts have been translated to *Gize* and *Genoa*, *Stadia* and *Aden*, on the opposite Coast, are most frequented.

This Country, whether through its poverty, or Natural strength, was never subdued either by the *Aegyptian* Kings or Neighbours, or any of the four great Monarchies; *Cyrus* indeed, and *Nebuchadnezzar*, sent them Earth and Water by their Embassadors, as Symbols of their Subjection to them, but they returned them unaccepted, as knowing that those Monarchs could not enter their Countries with any advantage to themselves.

The first Commerce that we find upon the Red-Sea was begun by *Sidonians*, who traded from *Ezion-geber* to *Ophir* for Gold, but the King of *Edom* revolting from *Sidon* this Trade was discontinued, till *Jehoshaphat* subdued it again; and then he built a Navy to renew that Traffick, but it was shipwreck'd in the Haven, because he took *Tharshish* King of *Israel* for his Partner, and *Tharshish* losing it again, this trade for Gold was laid aside for above 200 Years, till *Strabon* *Philadelphus*, about 270 Years before Christ, revived this *Ophirian* Trade, which continued under his Successors to their great advantage, for the *Aegyptian* Fleet was usually 120 Vessels great and small, and tho' it was a two Years Voyage, yet the return was fruitful, for the Fleet brought in seven Millions of Gold, and the gain to the Exchequer was *centum milia aurea* 120000 Crowns.

When *Judas Maccabaeus*, and after him *Augustus*, had reduced *Aegyptus* to a Province, it is probable the Golden Trade was still continued: but when the *Arabians* and *Parthians*, from adverse Quarters, like Foundations overflowed most part of the Universe, and eclipsed even the *Roman* Citizens, the *Indian* Trade ceased, and was little valued by the *Constantinopolitan* Emperors; being wrested from them by *Omair* the first Caliph of *Babylon*, it was removed from place to place, till being brought to *Danzon* and *Aden*, the *Portuguese* Monopolized it for some time, to the great enriching of their Seignior. But *Vasco de Gama*, in 1497, having discovered a passage into the *Indies*, by compassing *Africa*, the *Portuguese* were forced to leave it to the *Portuguese*, *Dutch* and *English*, who now enjoy it.

Oct 13. the Wind being fair, they found themselves by Observation in 17 deg. Northern Latitude, and 19 Longitude, from *Uchala*. The Weather here is extremely hot, so that it puts Men into Calentures; for in the Summer Solstice, the places about the Red Sea and *Perse* Gulph are the hottest in the World, for the Earth equally reflects as the Air.

Oct 26 being in 20 deg. Longitude, the Calm Weather in raising the heat, they diverted themselves in viewing large shoals of flying Fishes, which by their multitude rising together out of the Sea, darkened the Body of the Sun. This Fish beautiful to the Eye, but the Body is no larger than that of a small Herring, but having large Fins, it makes use of them as Wings to avoid the pursuit of Sharks, Dolphins, Bonetos, Albicorcs, and other voracious Fishes. They can fly no longer than their Fins are wet, but in that time will mount

up 40 feet high, and fly 200 paces. But while they escape their Water-enemies, they often fall into the mouths of others, which they meet with in the Air, for usually Osprays, Sea-Vultures, and other Birds of prey, pursue, and sometimes take them. True Emblems of Misery, who no sooner escape one danger, but they fall into another.

Here they saw a perfect Rainbow in the Night, which tho' not so common as Solar by Day, yet *Aristotle* mentions two that he himself saw; and *Vicomercatus*, in his Comment on him, tells us the like happened in *Germany*. Howbeit, the Colours of the Lunar are not so fresh as those in a Solar Rainbow.

Novbr. 17. they came in sight of the *Indian* Coast, and saw Land in 15 deg. of Latitude, and 32 of Longitude, the very place where *Goa* of Old *Baigetta* is seated. It is the bravest and best defended City in the East, the Magazine, Refuge, and Seat of Justice of the Victorious *Portuguese*. The City is not visible at Sea, being three hours Journey within Land. Of Old it was the Seat of the *Caurins*, and stands in an Isle called *Tisur*, 30 Miles in compass, a sweet place surrounded by a fresh River, which fall from the mighty Mountain *Brageur*, encompassed with a strong and beautiful Wall, beautified with Turrets, and armed with many sorts of roaring Cannon. Her strength and beauty was began by the *Deccan* Kings *Zibaru* and *Ishtan*, from whom *Albuquerque*, the Victorious *Portuguese*, took it in 1502, and after defended it against 70000 Foot, and 3500 Horse, which *Ishtan* brought against it to reduce. It was much enlarged and beautified by the *Portuguese*.

The great Bazar, or Market-place, which is in the heart of the Town, is gallantly and regularly built; many of the Streets, which are built after the *Indian* Mode, are narrow, and sufficiently nasty, but the Buildings are generally spacious, and not uncomely, thick and dark within, and terraced above, suitable to so hot a Climate. It is Watered with a delicious Stream, which refreshes the Fields, and cloaths the Earth with Flowers. The Gardens are filled with variety of delicious Fruits, and the whole Isle abounds with Grass, Groves and Corn, Cattle, Fruits, and all delights which Man can reasonably require. Above 20 little Towns, all planted by the *Portuguese*, are seen within 30 Miles compass, as also the Ruins of 200 Idol-Temples, which the Vice-Roy *Antonio Noroña* utterly demolished, that no Memory might remain, or Monuments continue of such gross Idolatry.

At *Selsate* also were two Temples of Prophane Worship, one of them (by incredible toil cut out of an hard Rock) was divided into three Isles or Galleries, in which stood many deformed Figures of their Pagods, which would have affrighted an *European* Spectator: Nevertheless this was a Celebrated place, and so abundantly frequented by Idolaters, as induced the *Portuguese*, out of a meer Zeal, with a considerable Force, to Master the Town, that they might demolish the Temples, and break in pieces their monstrous Deities.

In *Goa*, the most observable now are the Fortifications, the Viceroy's and Archbishop's Palaces, and the Churches. The Palaces are very strong built of good Stone, furnished and adorned within with rich Arras and Paintings; the Churches are large and neat, and of them, the best and finest are those dedicated to the Virgin *Mary*, (in which tis said that the Bones and Skull of *St. Thomas* the Apostle, brought from *Meliapre*, are kept) *St. Paul*, *St. Dominick*, *St. Katharine*, and *St. Severus*, in which the Great *Albuquerque* lies, who died at *Goa* 1516. as do also the Bodies of *D'Acugna*, *Don Francisco*, and the *China* Saint *Francis Xavier* the Jesuit, who died December 4. 1552. aged 55 Years, and Canonized by Pope *Gregory XV.* March 12. 1622. The City is compassed with a thick Stone Wall, flanked and moated about, having withal a Counterscarp, and 300 Pieces of Brass Cannon, so mounted upon the Bulwarks and Ravelins, as renders the place Impregnable.