

Representations of them, the framing and applying of which, though it were in some degree feasible, as to the general *kinds* of things; yet in most of the *particular species*, it would be very *difficult*, and in some perhaps *impossible*. It were exceeding desirable that the *Names* of things might consist of such *sounds*, as should bear in them some Analogy to their *Natures*; and the Figure or Character of these Names should bear some proper resemblance to those *sounds*, that men might easily guess at the sense or meaning of any name or word, upon the first *hearing* or *sight* of it. But how this can be done in all the particular species of things, I understand not; and therefore shall take it for granted, that this Character must be by *Institution*. In the framing of which, there are these four properties to be endeavoured after.

1. They should be most simple and easie for the Figure, to be described by one *Ductus* of the pen, or at the most by two.
2. They must be sufficiently distinguishable from one another to prevent mistake.
3. They ought to be comely and graceful for the shape of them to the eye.
4. They should be *Methodical*, Those of the same common nature, having some kind of suitableness and correspondence with one another; All which qualifications would be very advantageous, both for *Understanding*, *Memory* and *Use*.

Those Characters must represent either

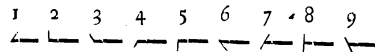
{	Integrals	(Radicals.
		{ Derivations.
		{ Inflections.
	Particles	{ Grammatical.
		{ Transcendental.

The first thing to be enquired after, is to find out fitting Marks for the common Genus's or Heads in the former Tables of Integrals, which are there reduced to the number of forty. It were not difficult to offer several Varieties of these Marks or Generical Characters, with their different Advantages and Conveniences; to which purpose I had prepared sundry kinds of them, which I once thought to have inserted here: but upon further consideration, I shall mention only one of them, which I have chosen out of the rest, as seeming to me to be in all respects the most convenient amongst them.

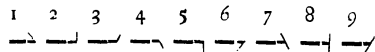
Tran-

{	General	—	}	Exanguious	1	}	Spiritual	2							
	Rel. mixed	—		Fish	—		Corporeal	—							
	Rel. of Action	—		Bird	—		Motion	—							
	Discourse	—		Beast	—		Operation	—							
	God	—		Peculiar	—		}	Oecon.	—						
	World	—		General	—			Posses.	—						
	Element	—		Magnitude	—			Provis.	—						
	Stone	—		Space	—			Civil	—						
	Metal	—		Measure	—			Judicial	—						
	}	}		}	}			}	}	}	}	}			
Leaf			—			Power Nat.							—	Military	—
Flower			—			Habit							—	Naval	—
Seed-vessel			—			Manners							—	Ecclef.	—
Shrub			—			Quality sensible							—		
Tree	—	Disease	—												

The Differences are to be affixed unto that end which is on the left side of the Character, according to this order;



The Species should be affixed at the other end of the Character according to the like order.



And whereas several of the Species of Vegetables and Animals, do according to this present constitution, amount to more than Nine, in such cases the number of them is to be distributed into two or three Nines, which may be distinguished from one another by doubling the stroke in some one or more parts of the Character; as suppose after this manner, — — —. If the first and most simple Character be made use of, the Species that are affixed to it, will belong to the first combination of *Nine*; if the other, they will belong according to the order of them, unto the second Combination.

Those Radicals which are paired to others upon account of *Opposition*, may be expressed by a Loop, or (o) at the left end of the Character, after this manner, o

Those that are paired upon the account of *Affinity*, are to be expressed by the like Mark at the other end of the Character, thus, ∞

The double Opposites of *Excess* or *Defect*, are to be described by the Transcendental points, denoting *Excess* or *Defect*, to be placed over the Character, as shall be shewed after.