

PONDERA ET MENSURÆ.

1. Mensura PEDIS SUECICI talis est, ut simplex in Observatorio Holmiensi pendulum quodcumque, subductis rationibus revocatum ad spatium aëre vacuum atque mediam quæ dicitur superfici marinae altitudinem, ad temperaturam $+15^{\circ}$ C., in nycthemero medio solari 86400 oscillationes facit vel in minuti medii solaris sexagesima parte semel oscillat, sit 3.350649 ejusmodi pedes *).

2. Est CONGIUS LIQUIDORUM (suetice Sanna) parti decimæ cubi hujus pedis æqualis.

3. Pondus LIBRÆ CIVILIS (suetice Marf vel Skålpund) tali ratione determinatum est, ut congius aquæ destillatæ, aëre atmosferico saturatæ, ad temperaturam $+4^{\circ}$ C. et aquæ et aëris, quum hydrargyrum barometri ad temperaturam

*) 3.350649 pedis suecici = 0.9948 metri gallici = 440.99 lineis parisiensibus.

1. pes suec. = 0.29690 metr. gall. = 131.61 lin. par.

1 metr. gall. = 3.36815 ped. suec. = 443.296 lin. par.

1 pollex decimalis suecicus = 0.029690 metr. gall. = 13.161 lin. par.

Duodecima pedis pars (1 werftum) = 0.024742 metr. gall. = 10.968 lin. par.

0° C. altitudinem 25.6 pollicum decimalium habet, ejusmodi libris 6.15221 pondere æqualis sit *).

4. Est LIBRA MEDICINALIS $\frac{7416}{8848}$ vel 0.838155 libræ civilis; ideo grammata gallica 356.2470 æquat.

LIBRA uncias duodecim continet.

UNCIA drachmas octo continet; libræ civilis 0.0698463 vel grammatis gallicis 29,68725 æqualis.

DRACHMA scrupulos tres continet; libræ civilis 0.00873078 vel grammatis gallicis 3.710906 æqualis.

SCRUPULUS grana viginti continet; libræ civilis 0.002910262 vel grammati gallico 1.236969 æqualis.

GRANUM libræ civilis 0.0001455131 vel grammatis gallici 0.0618484 æquale est.

5. LIBRA MEDICINALIS NORVEGICA continet uncias duodecim; uncia drachmas octo; drachma scrupulos tres; scrupulus grana viginti. Est libr. med. suec. 1.004486 vel gram. gall. 357.8452 æqualis. Granum = 0.062 gram. gall.

Mensura norvegica Pot = 2.71 libr. med. suec. vel 0.369 cong. suec. **).

6. LIBRA MEDICINALIS DANICA continet uncias duodecim; uncia drachmas octo; drachma scrupulos tres; scrupulus grana viginti. Est libr. med. suec. 1.004486 vel gram. gall. 357.8452 æqualis. Granum = 0.062 gram. gall.

*) Libra civilis suecica = 425.0369 grammatis gallicis. Congius aquæ, circumstantiis supra indicatis, = 7.34018 libris suec. med. = 2614.915 gram. gall.

Pollex decimalis cubicus aquæ = 0.0615221 libræ civilis = 0.0734018 libræ med. = 26.14015 gram. gall.

**) Libra mercatoria norvegica (= 32 Pot) = 498.1137 gram. gall. = 1.17193 libr. civil. suec.

Pes norvegicus (= 12 pollices) = 0.31374 metr. gall. = 139.0808 lin. paris. = 1.0567 ped. suec.

pulos tres; scrupulus grana viginti. Est 1.003977 libr. med. suec. vel gram. gall. 357.6639 æqualis *). Granum = 0.062 gram. gall.

Mensura danica *Pot* = 2.67 libr. med. suec. = 0.363 cong. suec.

7. LIBRA MEDICINALIS GALLICA (*livre métrique*) continet uncias (*onces*) sedecim; uncia drachmas (*gros*) octo; drachma scrupulos tres; scrupulus grana viginti quattuor. Est libr. med. suec. 1.40352 vel gram. gall. 500.000 æqualis. Granum = 0.054 gram. gall.

Mensura gallica *Litre* = 2.80 libr. med. suec. = 0.382 cong. suec.

8. LIBRA MEDICINALIS BORUSSICA continet uncias duodecim; uncia drachmas octo; drachma scrupulos tres; scrupulus grana viginti. Est libr. med. suec. 0.984664 vel 350.7835 gram. gall. æqualis **). Granum = 0.0609 gram. gall.

Mensura borussica *Quart* = 3.21 libr. med. suec. = 0.437 cong. suec. ***).

9. LIBRA MEDICINALIS BAVARICA continet uncias duodecim; uncia drachmas octo; drachma scrupulos tres; scrupulus grana viginti. Est libr. med. suec. 1.010535 vel 360.000 gram. gall. æqualis. Granum = 0.0625 gram. gall.

*) Eandem omnino habent libram *Hamburgenses*, quorum mensura medicinalis = 2.00 libr. med. suec. = 0.272 cong. suec., et *Schlesvigo-Holsati*; hac, quæ dicitur libra norimbergensis, parum inter se discrepantes utuntur etiam *Fenni*, *Hannoverani* et *Russi*.

**) Eadem utuntur *Saxones*.

***) Mensura olim usitata *Berliner*: *Quart* = 2.95 libr. med. suec. = 0.402 cong. suec.

Mensura bavarica *Maaß* = 2.99 libr. med. suec. = 0.408 cong. suec.

10. LIBRA MEDICINALIS AUSTRIACA continet uncias duodecim; uncia drachmas octo; drachma scrupulos tres; scrupulus grana viginti. Est libræ med. suec. 1.178980 vel gram. gall. 420.009 æqualis. Granum = 0.073 gram. gall.

Mensura Viennensis *Maaß* = 3.95 libr. med. suec. = 0.540 cong. suec.

11. LIBRA MEDICINALIS ANGLICA (*Troy Pound*) continet uncias duodecim; uncia drachmas octo; drachma scrupulos tres; scrupulus grana viginti. Est libr. med. suec. 1.047617 vel gram. gall. 373.2103 æqualis. Granum = 0.065 gram. gall.

Mensura anglica *Imperial Gallon* (= 8 Octariis vel *Pints* = 160 Fluidunciis) = 12.72 libr. med. suec. = 1.736 cong. suec. *)

*) Alia mensura, in Anglia olim usitata, *Wine-Gallon* erat, cujus octava pars *Pint* vel Octarius = 1.32 libr. med. suec. = 0.180 cong. suec.

