

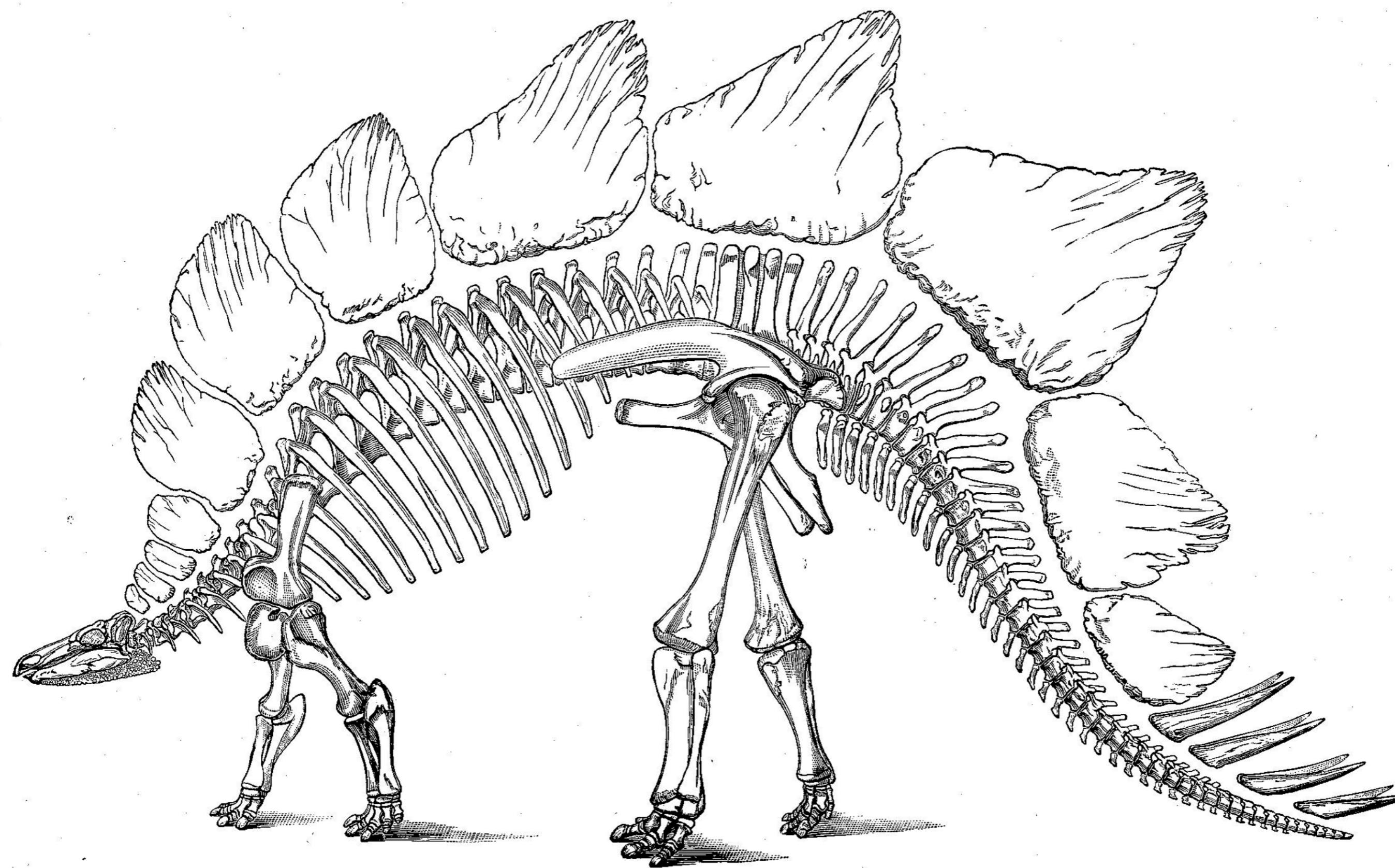
Mitchell Vitez
STEGANOGRAPHY



Steganography

The art of hiding in plain sight

<https://github.com/mitchellvitez/stego.git>



Party like it's 1499



Johannes Trithemius
Steganographia

A	Deus	A	clemens
B	Creator	B	clementissimus
C	Conditor	C	pius
D	Opifex	D	piissimus
E	Dominus	E	magnus
F	Dominator	F	excelsus
G	Consolator	G	maximus
H	Arbiter	H	optimus
I	Iudex	I	sapientissimus
K	Illuminator	K	inuisibilis
L	Illustrator	L	immortalis
M	Rector	M	aeternus
N	Rex	N	sempiternus
O	Imperator	O	gloriosus
P	Gubernator	P	fortissimus
Q	Factor	Q	sanctissimus
R	Fabricator	R	incompræhensibilis
S	Conseruator	S	omnipotens
T	Redemptor	T	pacificus
V	Auctor	V	misericors
X	Princeps	X	misericordissimus
Y	Pastor	Y	cunctipotens
Z	Moderator	Z	magnificus

HACK

Arbiter clemens,
Conditor inuisibilis

Gracious judge,
Invisible creator



440 BC
Demaratus

T-O-R-T-U-R-E



- / ... -... -... --- -- / ... / - --- .-. - ..- .-

Bin Laden?

Techniques

Null Cipher

Unicode Look-alike

Invisible Ink

Least significant bits

Bit-Plane Complexity Segmentation

Microdots

Sudoku

Why not just encrypt?

Cryptography
is obvious

Cryptologic Agency



Kerckhoffs's principle

vs.

Security through obscurity

Ave Maria Unicode Look-alike

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