

Как возможна социальная эволюция если индивид имеет свободу выбора

How social evolution may work if human beings have freedom of actions

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Freedom and Determinism / Свобода и детерминизм

- There is uncertainty between eventive and structural properties of every evolutionary processes.
- The border between MICRO and MACRO vision of Evolution is relative to active subject and scale of subject' events

Type of Evolution	Scale of observation (cognition) of Evolution		
	MICRO	MACRO	
Physical matter	Particle interactions		
Biologic life		Taxon (species) adaptations	
Society	Events, cases,... ← Man actions → Forms, structures, objective laws...		
Galaxy			Star transformations
Universe			Galaxy transformations

Events are non-determined
События недетерминированы

Events, Cases, Acts...

Random, Probabilistic, Unexpected,
 Subjective, Agential, Arbitrary

События, действия...

Случайные, вероятностные, неожиданные

- субъективные, агентные, произвольные

States (forms) are determined
Состояния детерминированы

States, Forms..

Determined, Pre-assigned,
 Objective,

Состояния, формы...

детерминированные, потенциально заданные,
 объективные,

Typologies, Homology Series...are objective

Типологии, гомологические ряды... объективны

Periodic Table:

ПЕРИОДИЧЕСКАЯ СИСТЕМА ХИМИЧЕСКИХ ЭЛЕМЕНТОВ Д.И.МЕНДЕЛЕЕВА
www.calc.ru



Д.И. Менделеев
1834–1907

СИМВОЛ ЭЛЕМЕНТА
ПОРЯДОКОВЫЙ НОМЕР

НАЗВАНИЕ ЭЛЕМЕНТА
ОТНОСИТЕЛЬНАЯ АТОМНАЯ МАССА

РАСПРЕДЕЛЕНИЕ ЭЛЕКТРОННОЙ СТРУКТУРЫ ПО СЛОЯМ

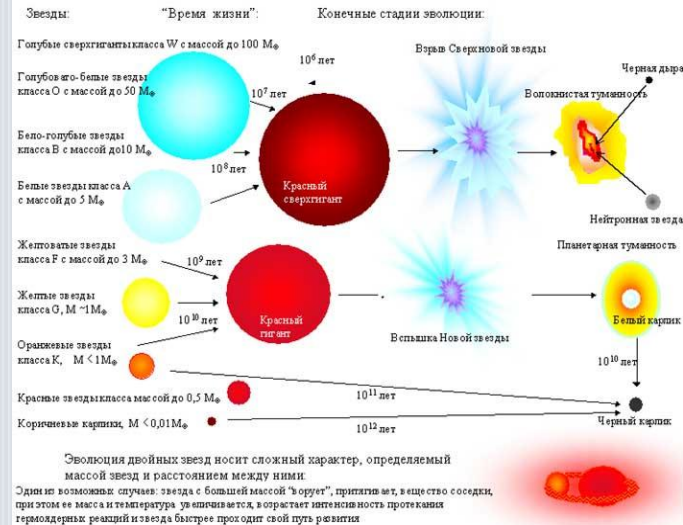
s-элементы
p-элементы
d-элементы
f-элементы

ЛАНТАНОИДЫ

АКТИНОИДЫ

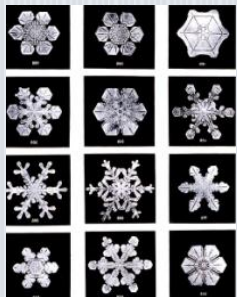
ВОСКИСКИ
ЛЕТУЧИЕ
СОЕДИНЕНИЯ

Stars Typology:



Snowflakes

Typology:

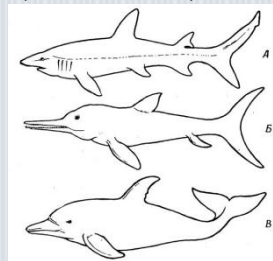


Typology of animals:

Marsupials
in Australia

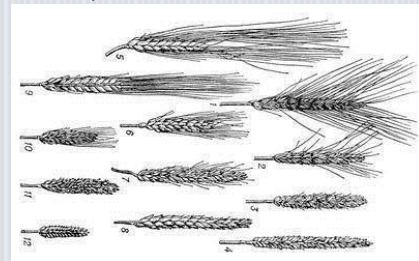


Convergent form of
fish, mammal, birds..



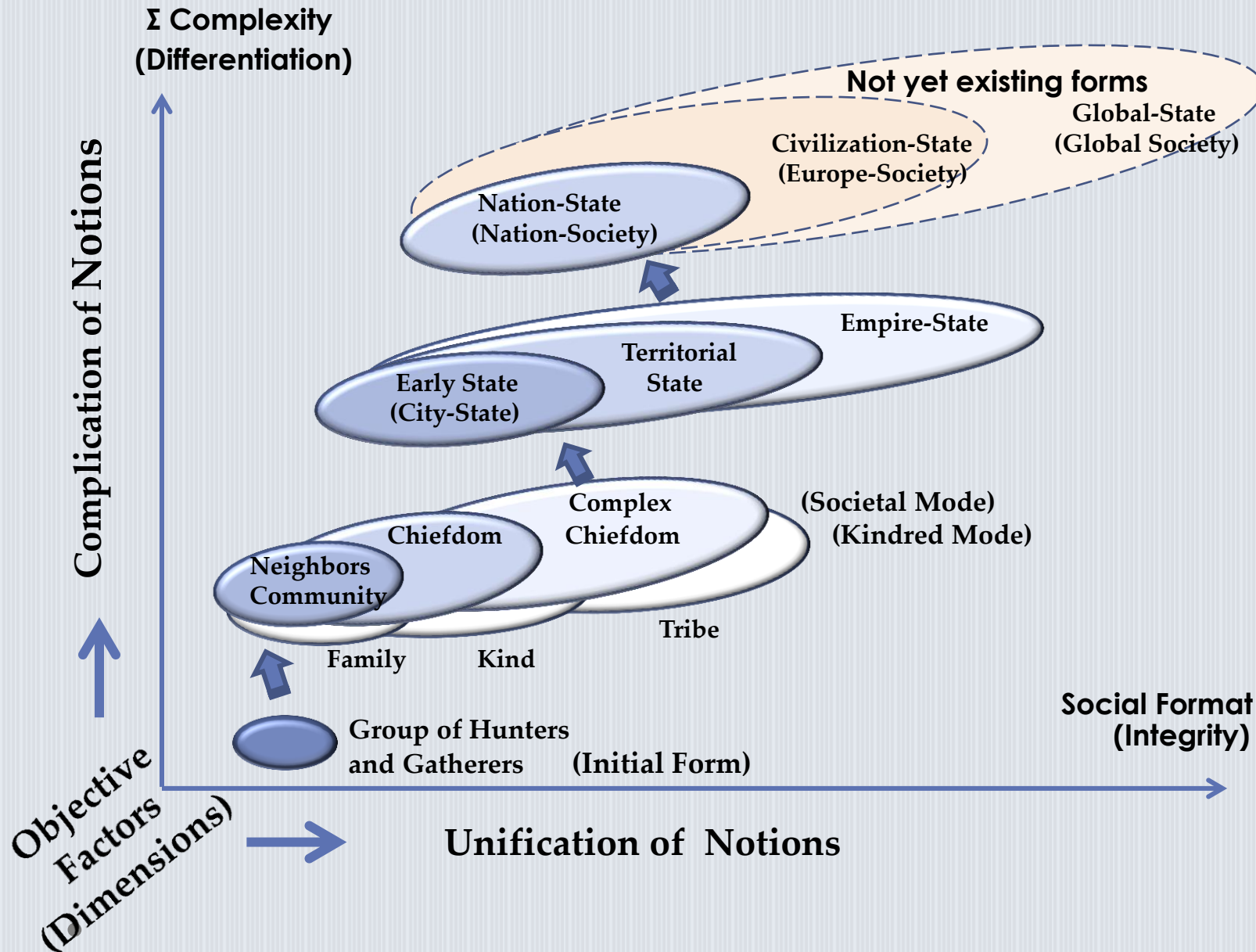
Homologous series of:

- Organic compounds – C_nH_{2n+2}
- Plants, ...



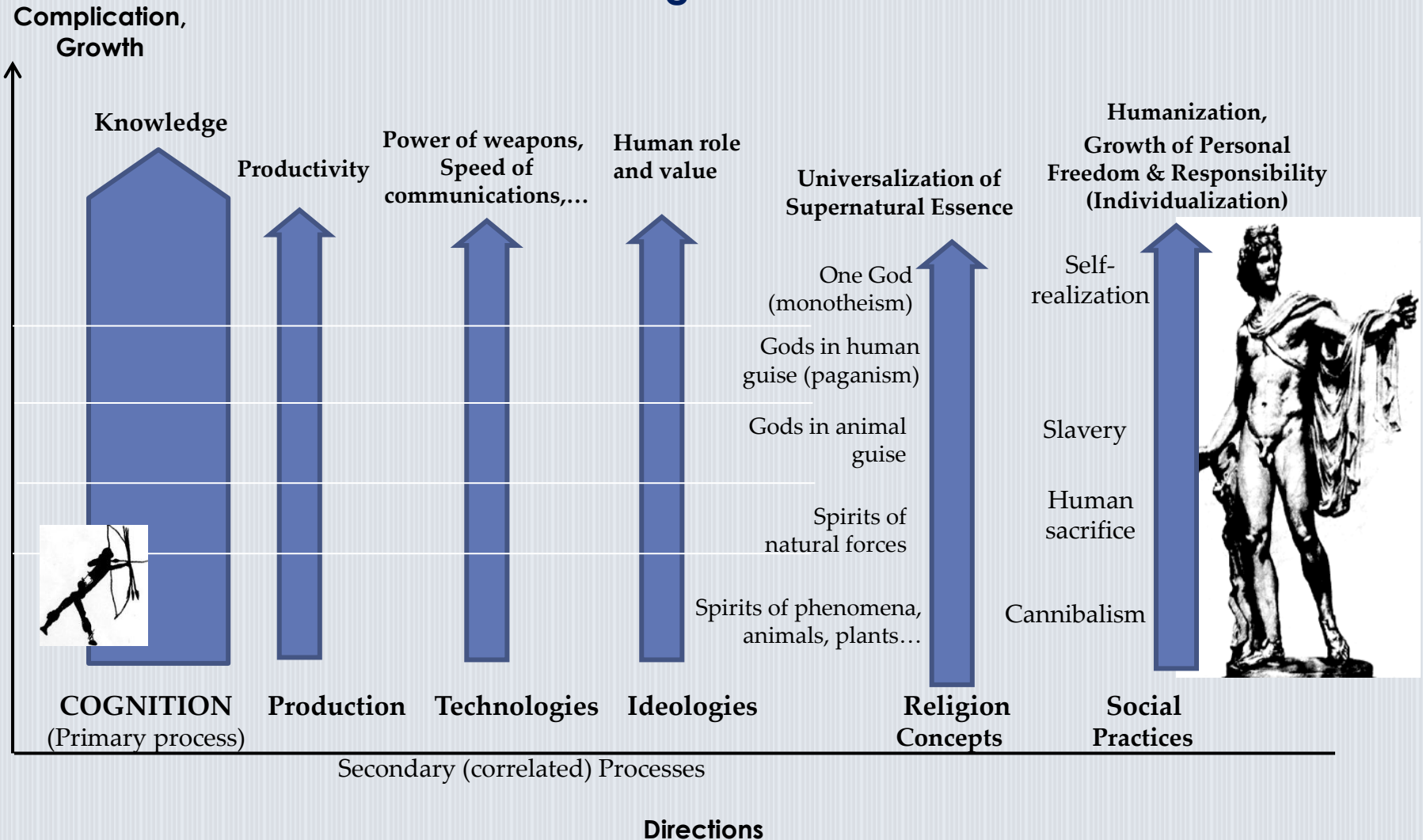
Transformations are subjective, forms are objective

Typology of Social Forms



Steps are subjective, complexity levels are objective

Correlation of Evolutional Directions with Cognition



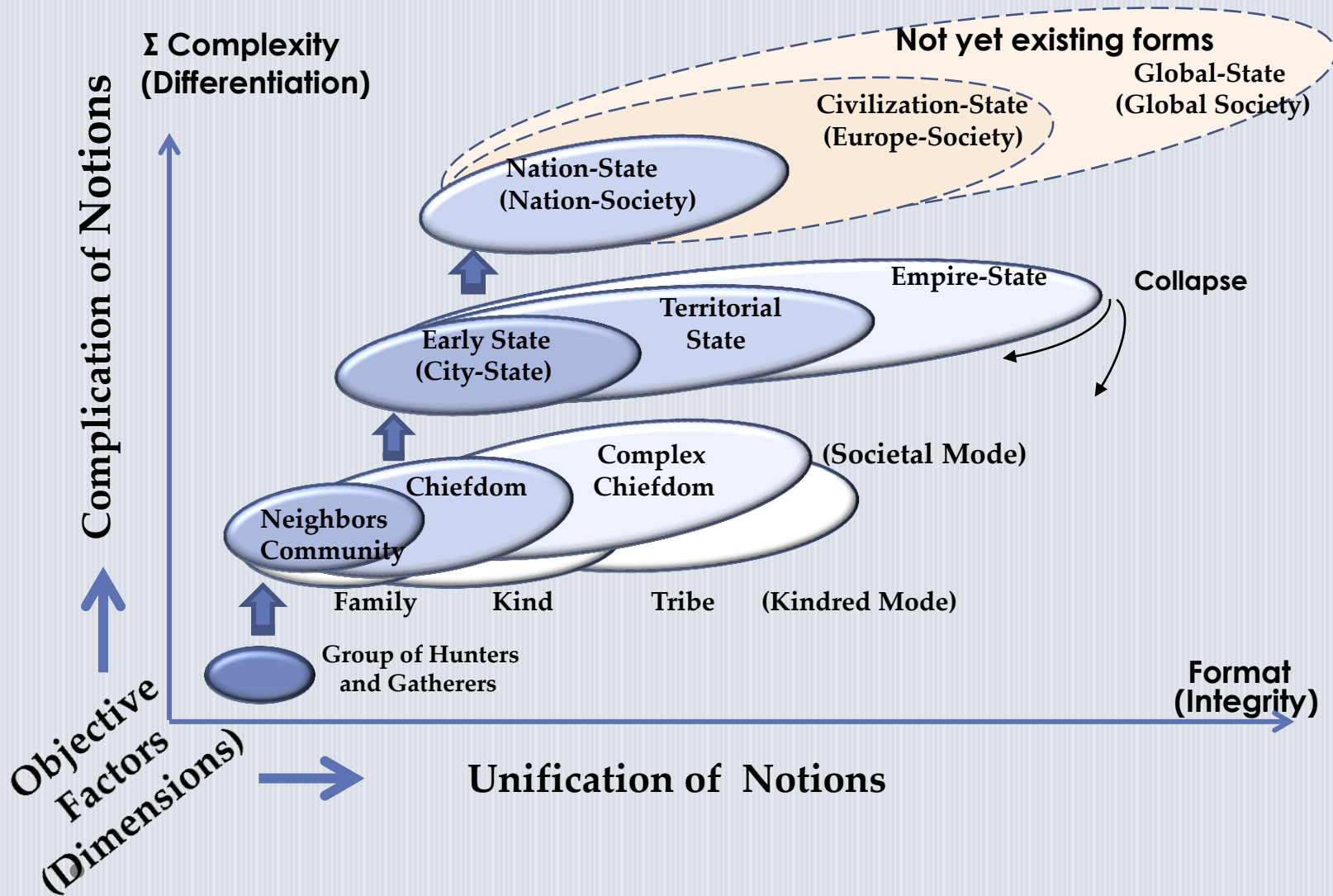
Levels are pre-assigned, transformations are open

Evolution Levels (Platforms)

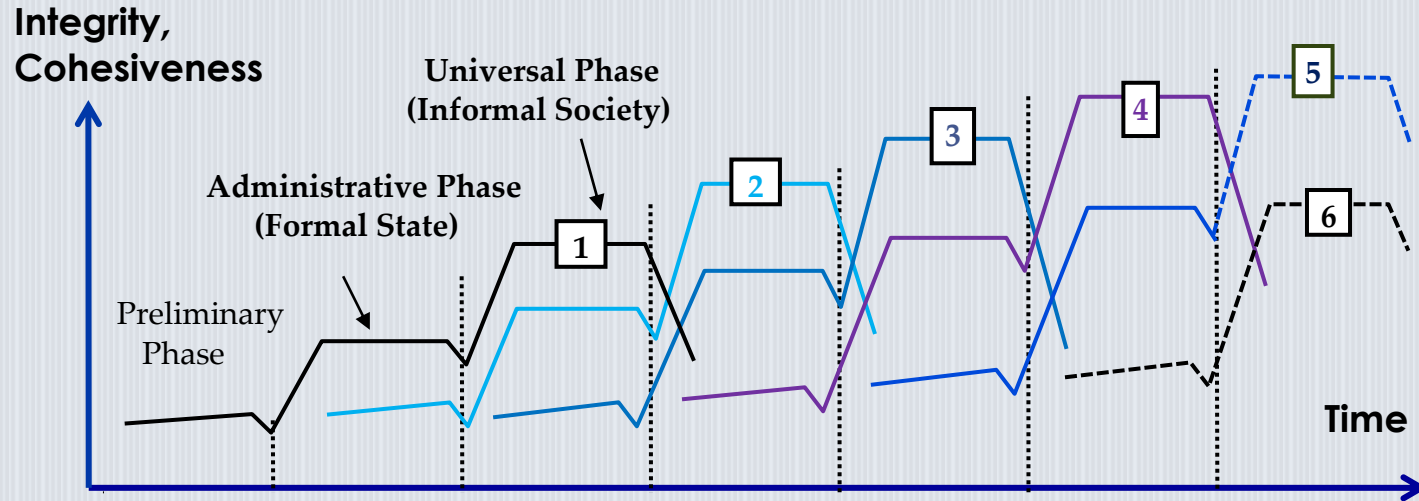
Parameters Platforms	Knowledge Complexity	Level of Technology	Religion	Role of Man in Nature	Role of Man in Society	Max Size of Society	Examp les
Modernity	Abstract cognition of non-sensible essences	Scientific Technologies	Scientific theism	Human being is the top and goal of Nature	Absolutization of individual Freedom, Rights, Self-realization	Global State	Europe, ? Global ? Society
Antiquity "Axial Age"	Abstract theories. Appearance of science	Iron Technologies	One God (Monotheism)	Man is the master of Nature. God is the creator.	Civil Society in Poleis, Civil rights	Empire	Athens, Rome, China
Secondary Civilizations	Abstract notions in math, astronomy, buildings	Bronze Technologies	Gods in human guise (Paganism)	Power over natural forces. Invasion on gods' field . (Heroes mythology)	Rigid structure of social strata. Protection of rights, property within strata	Territorial State	Persia, Assyria, Babylon
First Civilizations	Abstract notions in counting, writing ...	Irrigation. Early Bronze	Gods in animal guise	Power over metal, river ...	State emergence, strengthening of social structure	City-State	Sumer, Egypt
Neolith Settlements	Practical knowledge in selection, ceramic production	Domestication of animals, plats Materials production	Spirits of natural forces	Power over domesticated and known Nature	Personal property, some freedom within Neighbors community	Chiefdom, Complex Chiefdom	Natufia, Jericho
Mesolith Groups	Practical knowledge	Stone tools production	Spirits of objects, animals, events...	Full dependence. Mystification of everything	Group consciousness, full dependence upon group	Bands	

Social Forms Typology

Communication → Unification → Group Solidarity



Cycles of state-society's genesis



1000 B.C.	753 B.C.	509 B.C.	287 B.C.	27 B.C.	235 A.D.	476 A.D.	<u>Rome</u>
500	750	1000	1250	1500	1750	2000	<u>Europe</u>
650	882	1136	380	1612	1917	–	<u>Russia</u>

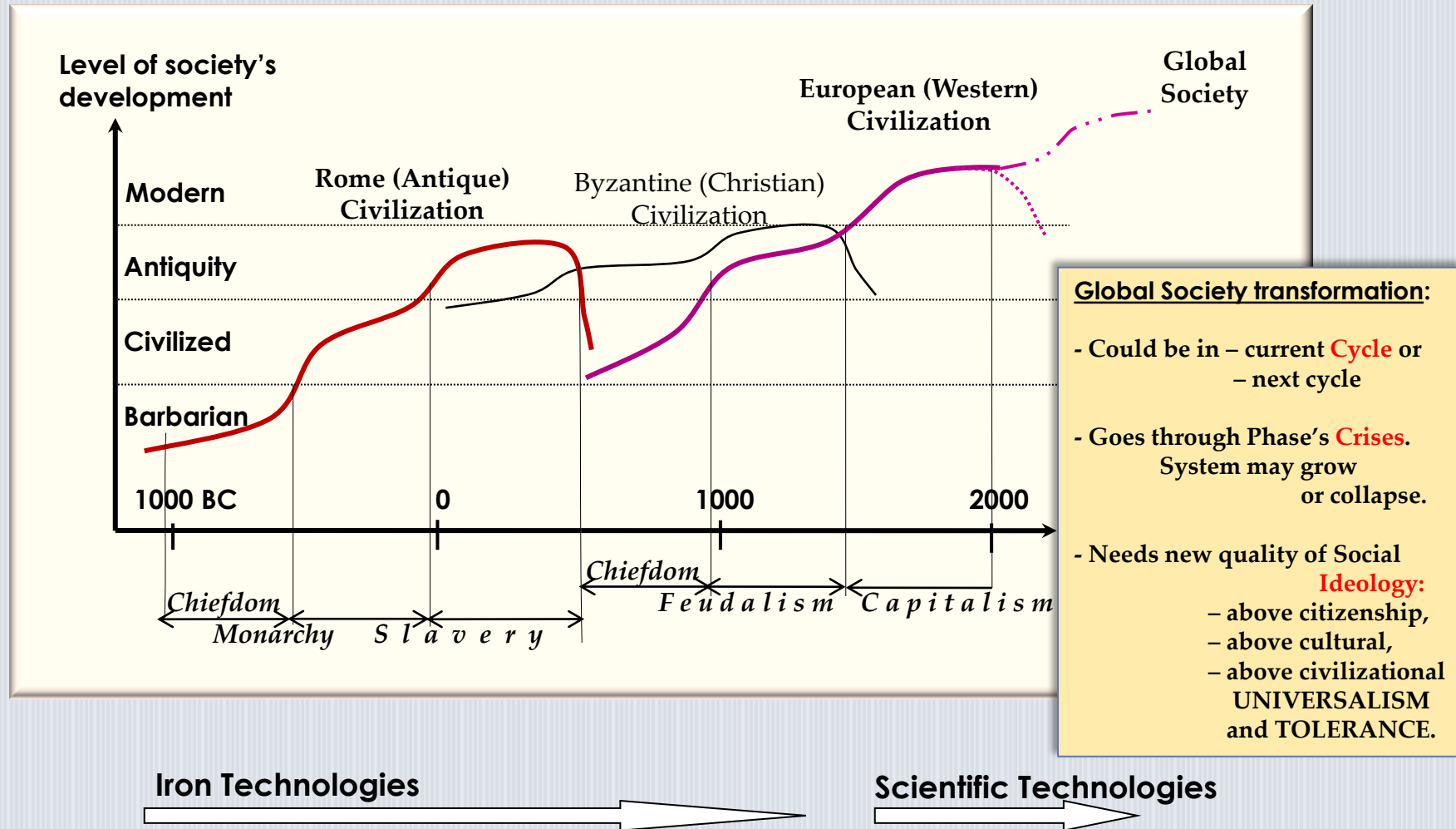
Rome Societies : 1 – Town community; 2 – Rome polis – Latium; 3 – Italic nation; 4 – Rome civilization; 5 – Inter-civilization community.

European Societies : 1 – Manors and town communities; 2 – Duchies, Principalities and City states; 3 – Mono-ethnic nations; 4 – Multi-ethnic nations; 5 – European civilization; 6 – Global Society.

Russian Societies : 1 – городские общины; 2 – удельные княжества; 3 – великорусская нация; 4 – российская нация; 5 – российская (евразийская) цивилизация.

Life Cycles In Social Evolution

Жизненные циклы в социальной эволюции



Thank you

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