Viaggi avventurosi delle piante coltivate

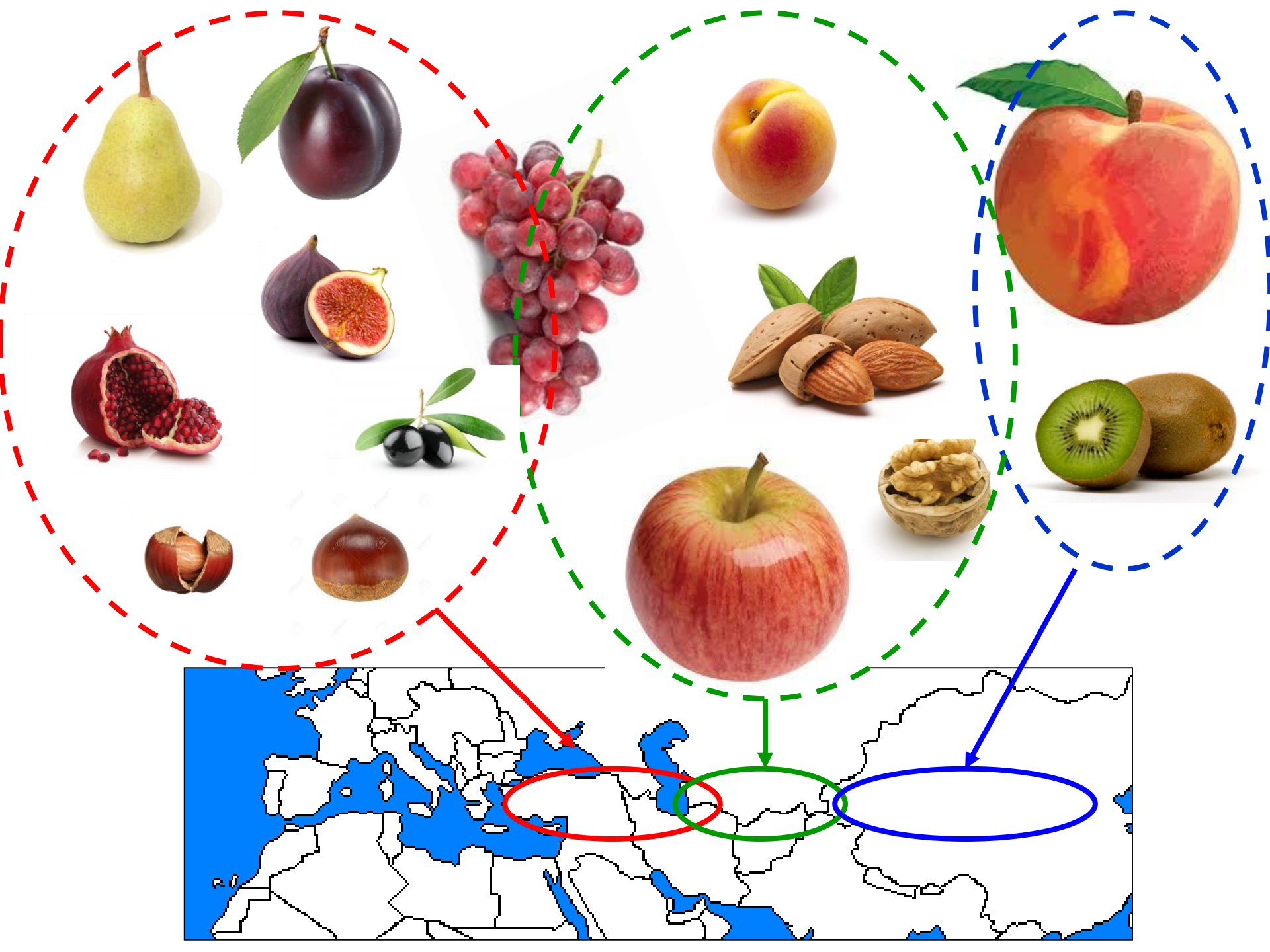
Le piante da frutto

Osvaldo Failla
Lombardy Museum of Agricultural History

CANADA – YOHO NATIONAL PARK - FIELD OF WHEAT NEAR DRUMHELLER -
http://www.giorgiozanetti.ca/rockies_2006/yoho_banff_2006/yoho_banff_album_2006.html

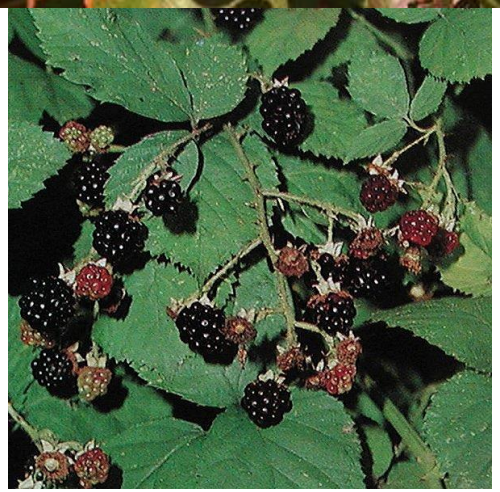
Barcellona
Spagna

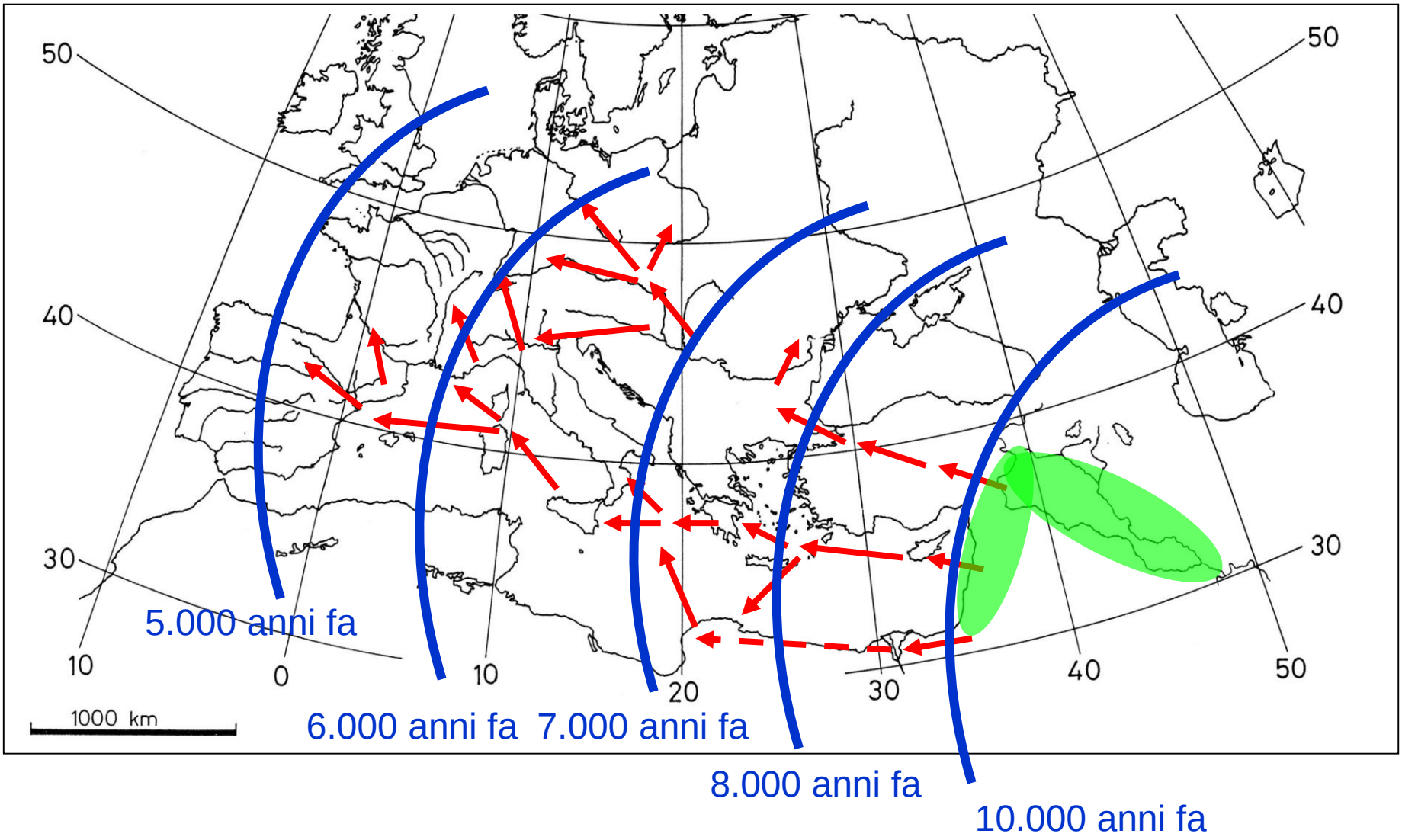
Tbilisi
Georgia

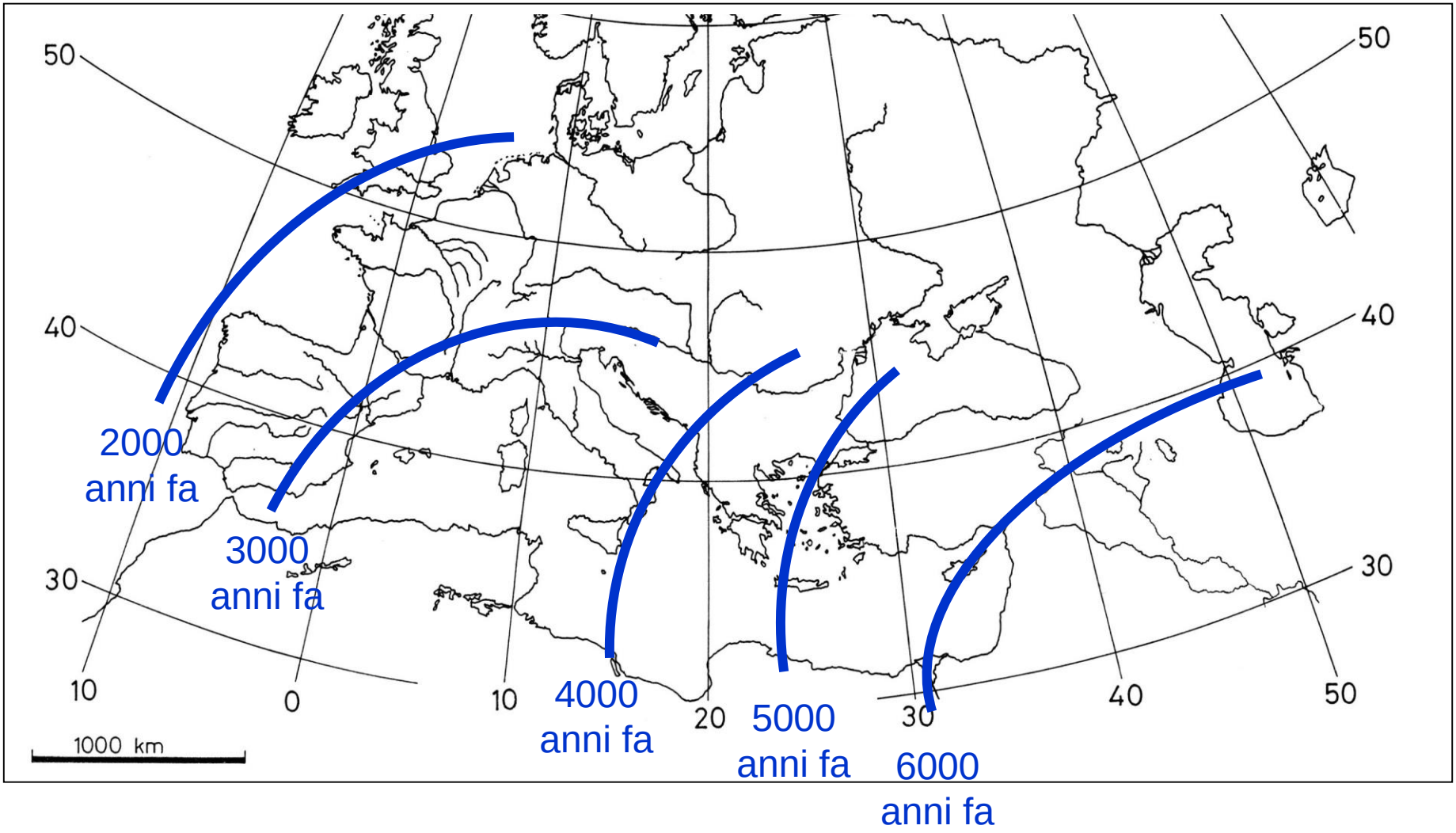


Specie (*Nome scientifico)*	**Neolitico antico**	**Neolitico recente**	**Età rame e bronzo**	**Età del ferro**	**Epoca romana**	**Alto Medioevo**	**Basso Medioevo**	**Dopo 1492**
Ghianda (*Quercus sp.)*	x	x	x	x	x	x	x	x
Nocciola (*Corylus avellana)*	x	x	x	x	x	x	x	x
Sambuco (*S. nigra e racemosa)*	x	x	x	x	x	x	x	x
Corniola (*Cornus mas)*	x	x	x	x	x	x	x	x
Mora di rovo (*Rubus fruticosus)*	x	x	x	x	x	x	x	x
Lampone (*Rubus idaeus)*	?	x	x	x	x	x	x	x
Prugnolo (*Prunus spinosa)*	x	x	x	x	X	x	x	x
Uva (*Vitis vinifera silvestris e sativa)*	x	x	x	x	x	x	x	x
Mela (*Malus sylvestris e domestica)*	x	x	x	x	x	x	x	x
Fico (*Ficus carica)*		x	x	x	x	x	x	x
Pero (*Pyrus communis)*		?	x	x	?	x	?	x
Oliva (*Olea europaea)*				(x)	x	x	x	x
Noce (*Juglans regia)*				x	x	x	x	x
Susina (*Prunus domestica)*				x	x	x	x	x
Melograno (*Punica granatum)*				x	x	x	x	x
Sorbola (*Sorbus domestica)*				?	?	?	?	x
Nespola (*Mespilus germanica)*				?	?	?	x	x
Castagna (*Castanea sativa)*					x	x	x	x
Mandorla (*Prunus dulcis)*					x	?	?	x
Pesca (*Prunus persica)*					x	x	x	x
Limone (*Citrus limon)*					?	?	?	x
Mela cotogna (*Cydonia oblonga)*					?	?	?	x
Mora di gelso (*Morus nigra)*					?	x	x	x
Pinolo (*Pinus pinea)*					x	x	x	x
Albicocca (*Prunus armeniaca)*					?	?	?	x
Mirabolano (*Prunus cerasifera)*					x	?	x	x
Arancia amara (*Citrus aurantium)*							?	x
Arancia (*Citrus sinensis)*								x

(x) non coltivato in Italia settentrionale ? presumibilmente coltivato ma non ritrovato




50
40
30
10
0
10
20
30
40
50
1000 km
5.000 anni fa
6.000 anni fa
7.000 anni fa
8.000 anni fa
10.000 anni fa


50
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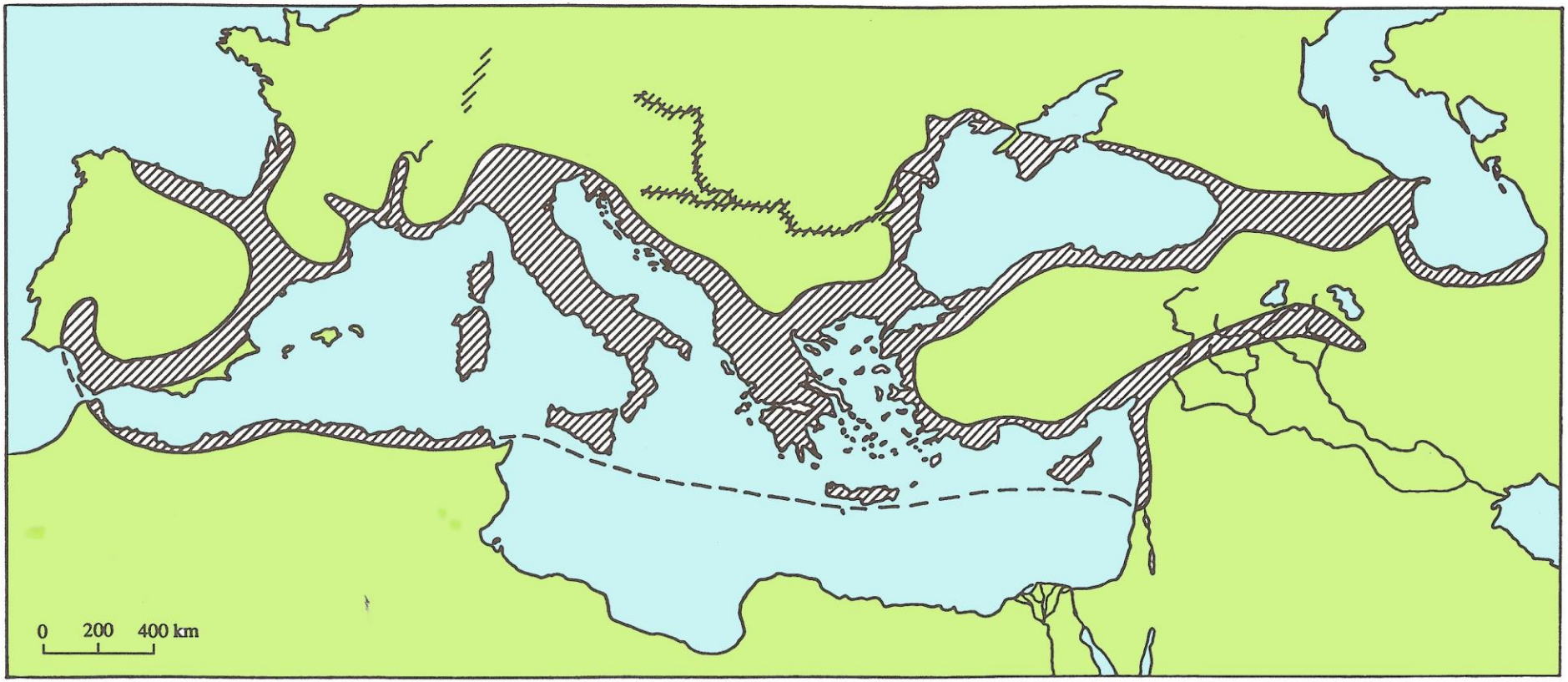
2000
anni fa
3000
anni fa
4000
anni fa
5000
anni fa
6000
anni fa

Areale di distribuzione della vite vinifera selvatica



Vite vinifera domestica
Vitis vinifera sativa

Vite vinifera selvatica
Vitis vinifera silvestris

Foto O. Failla

1. Raccolta di vite selvatiche nei boschi

2. Accumulo di semi intorno ai villaggi (scarti alimentari e escrementi)

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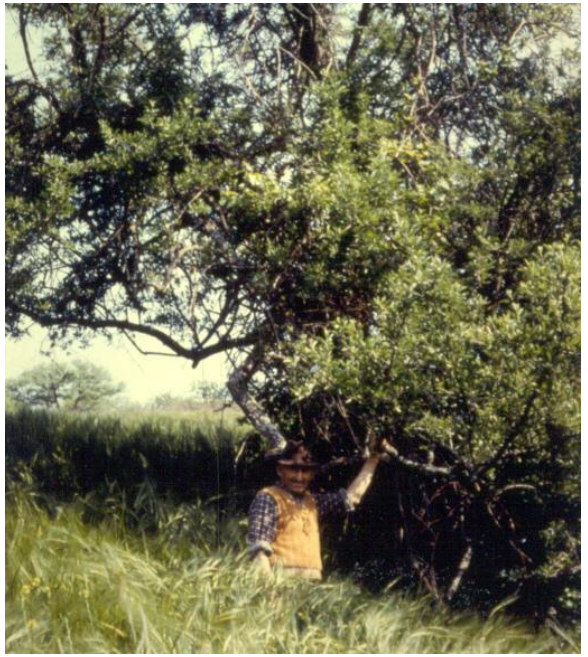

2. Accumulo di semi intorno ai villaggi (scarti alimentari e escrementi)

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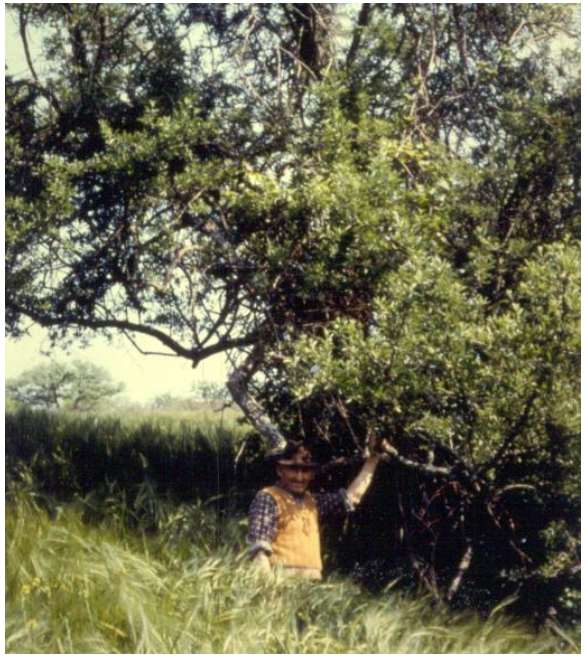
3. Sviluppo di siepi *periurbane* ricche di viti selvatiche (viti proto-domestiche



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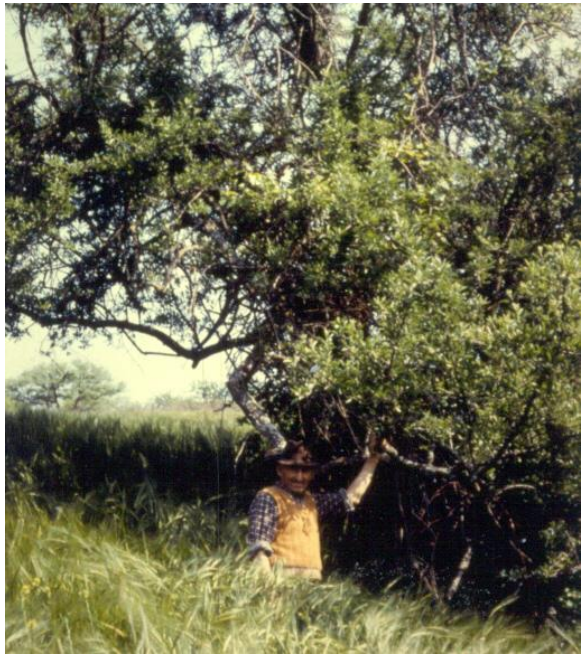

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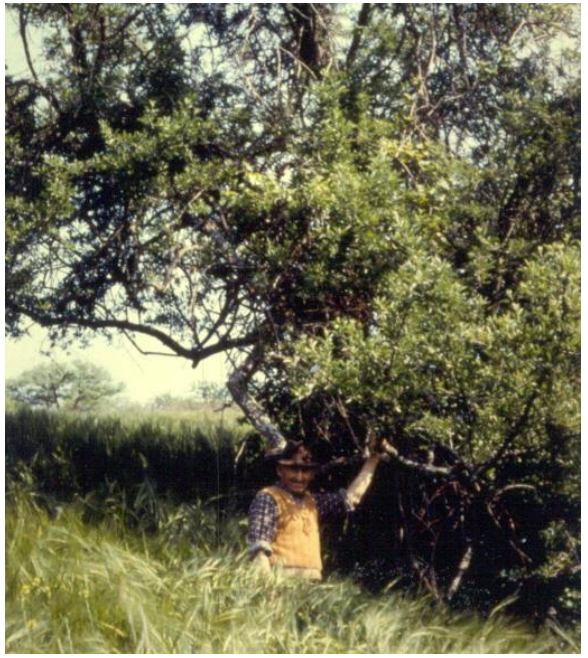

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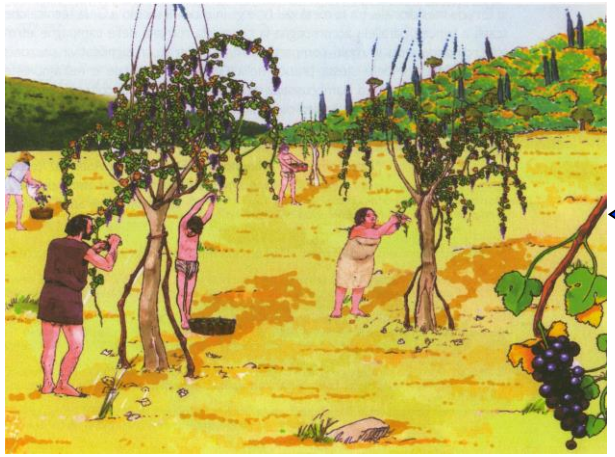
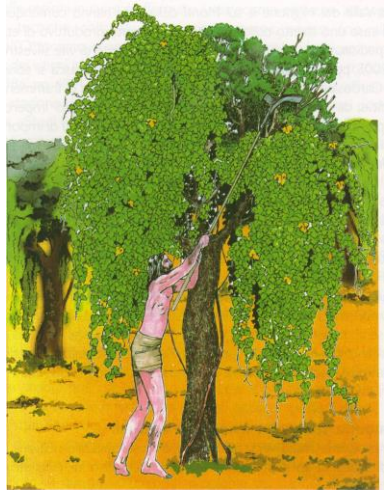
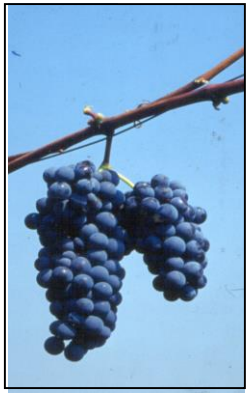
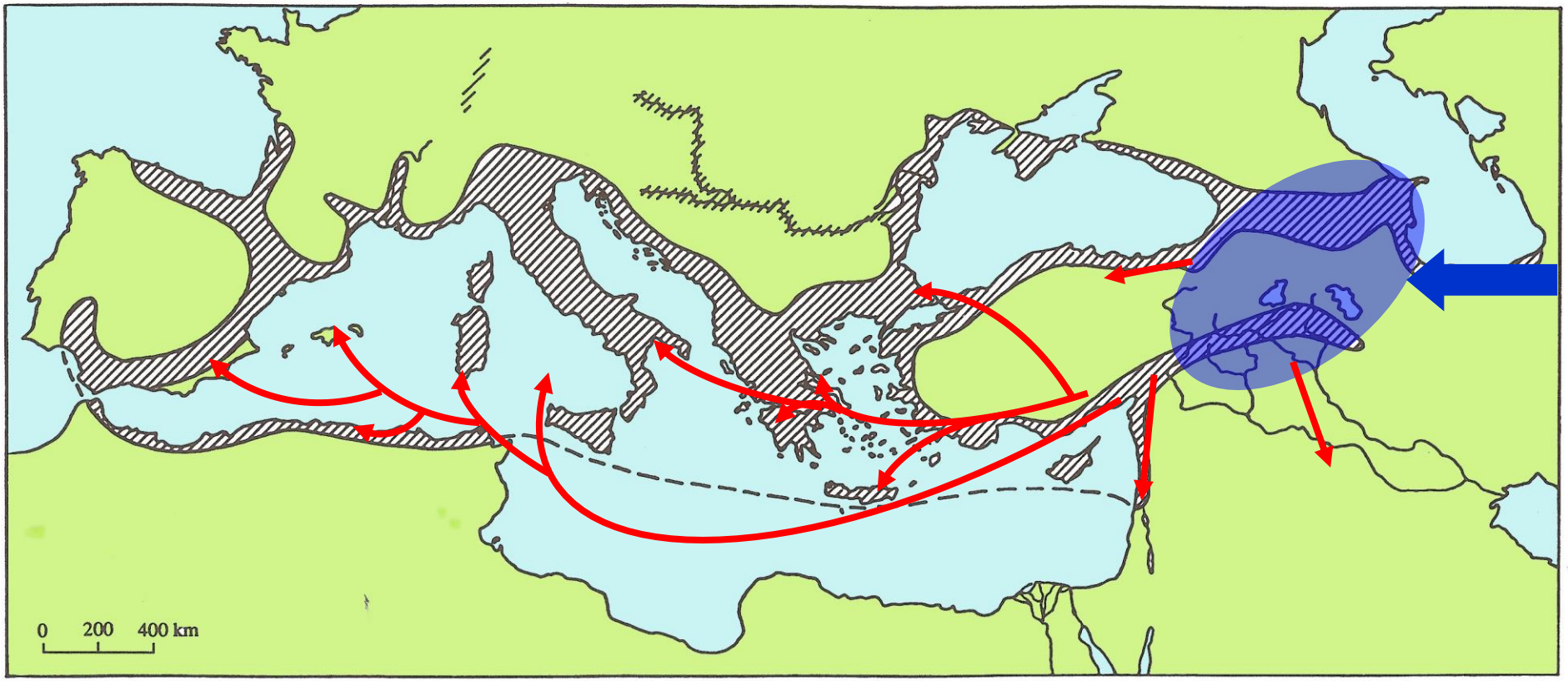




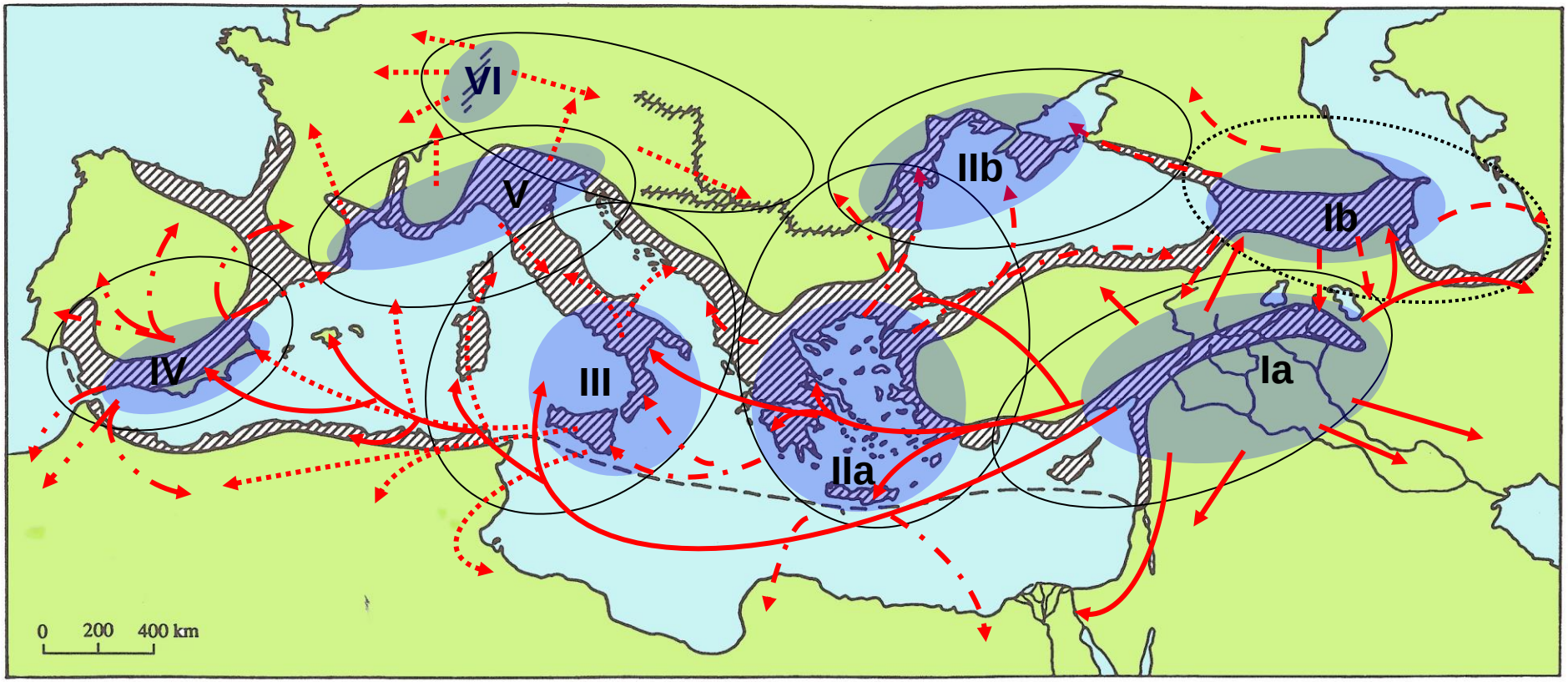
Dal selvatico al domestico



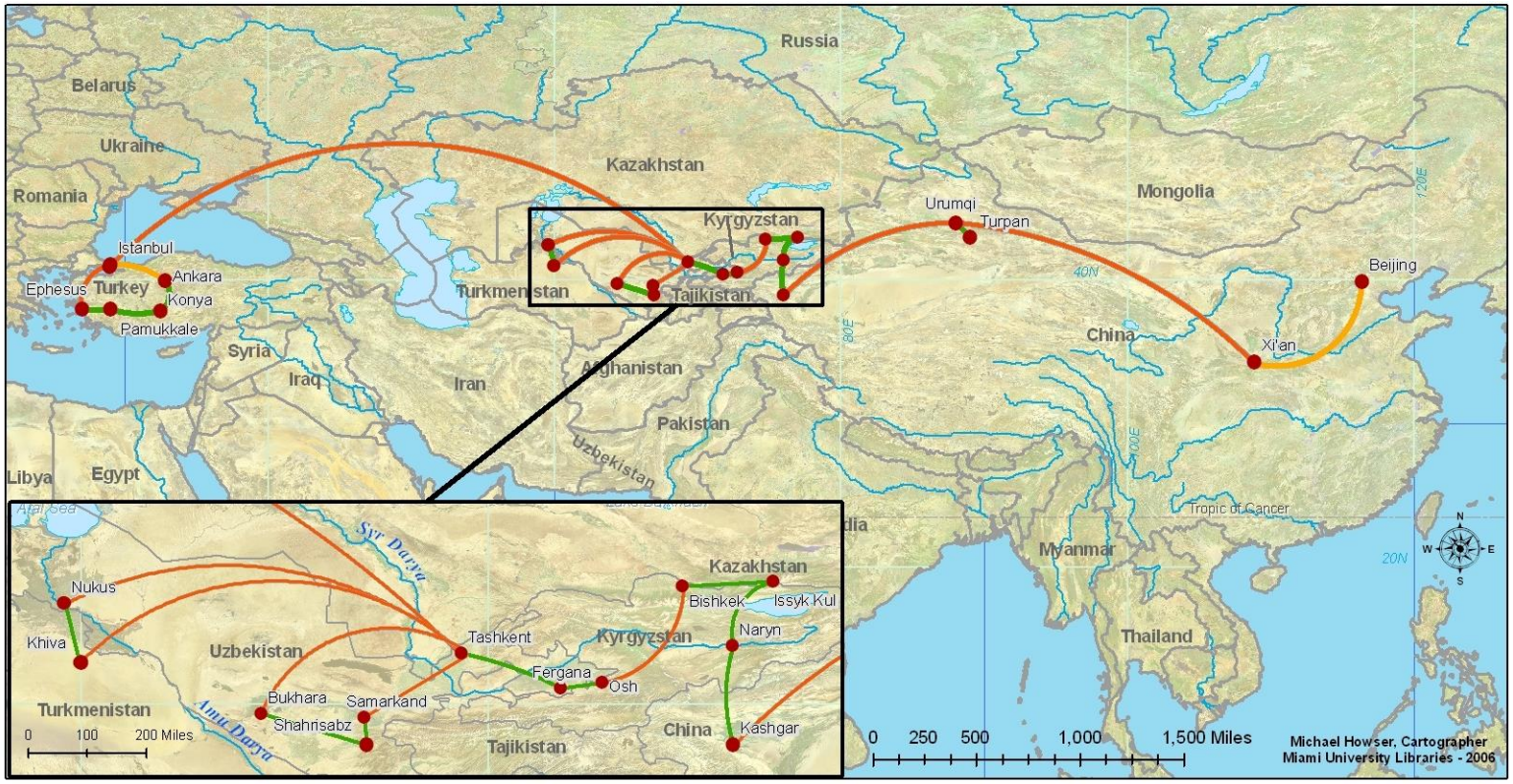
da poche a molte varietà



Il centro primario di domesticazione



I flussi commerciali, culturali e colturali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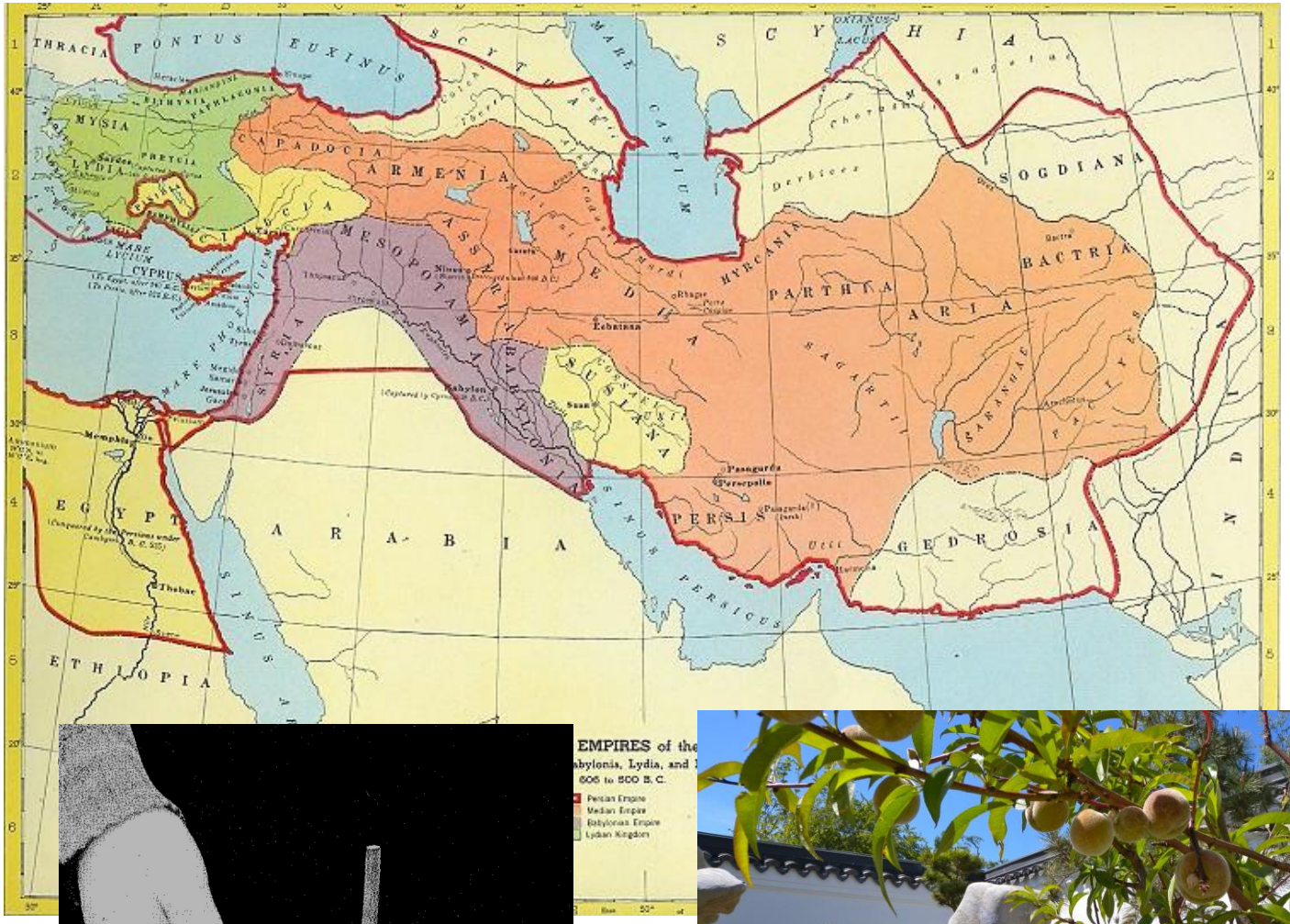
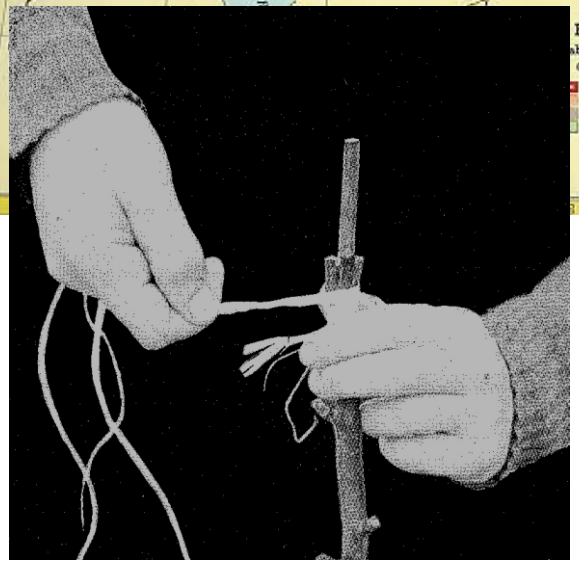
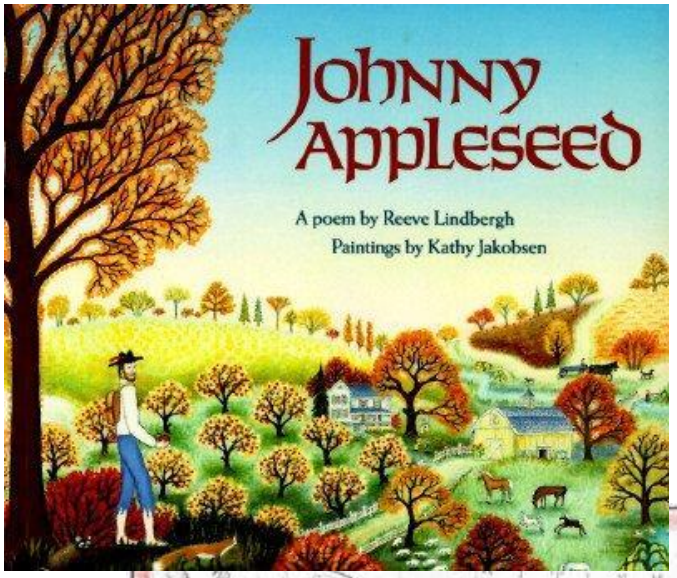
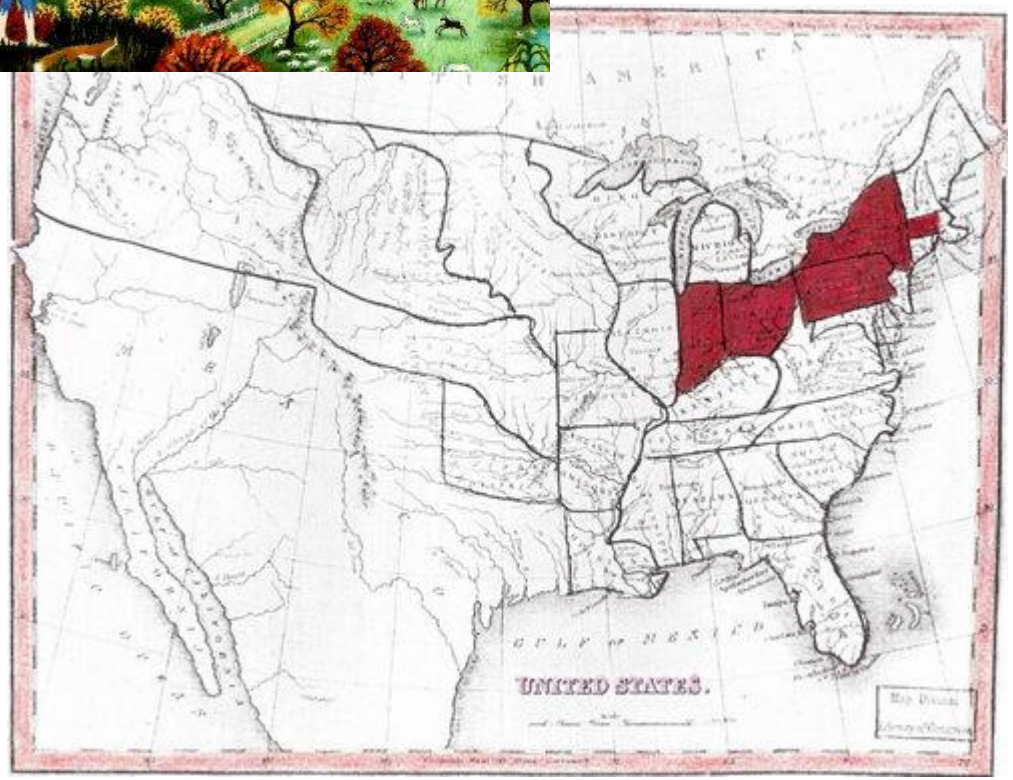
Belarus
Ukraine
Romania
Kazakhstan
Mongolia
Kyrgyzstan
Urumqi
Turpan
Istanbul
Ephesus
Turkey
Ankara
Konya
Pamukkale
Turkmenistan
Tajikistan
Beijing
Xi'an
China
Syria
Iraq
Iran
Afghanistan
Pakistan
Uzbekistan
Libya
Egypt
Tropic of Cancer
Myanmar
Thailand
Nukus
Khiva
Uzbekistan
Syr Darya
Tashkent
Fergana
Osh
Bishkek
Issyk Kul
Naryn
Kashgar
Bukhara
Samarkand
Shahrisabz
Amu Darya
0 100 200 Miles
0 250 500 1,000 1,500 Miles
Michael Howser, Cartographer
Miami University Libraries - 2006


THRACIA
PONTUS EUXINUS
MARE CASPIUM
SCYTHIA
MYSIA
BITHYNIA
PAPHLAGONIA
PHRYGIA
LYDIA
CAPPADOCIA
ARMENIA
CILICIA
CYPRUS
MARE LYCIUM
MESOPOTAMIA
ASSYRIA
MEDIA
HYRCANIA
PARTHIA
BACTRIA
ARIA
SOGDIANA
SYRIA
BABYLONIA
SUSIANA
PERSIS
GEDROSIA
INDIA
EGYPT
ARABIA
ETHIOPIA
SINUS PERSICUS
Memphis
Thebae
Babylon
Susa
Ecbatana
Pasargadae
Persepolis
EMPIRES of the
606 to 500 B. C.
Persian Empire
Median Empire
Babylonian Empire
Lydian Kingdom



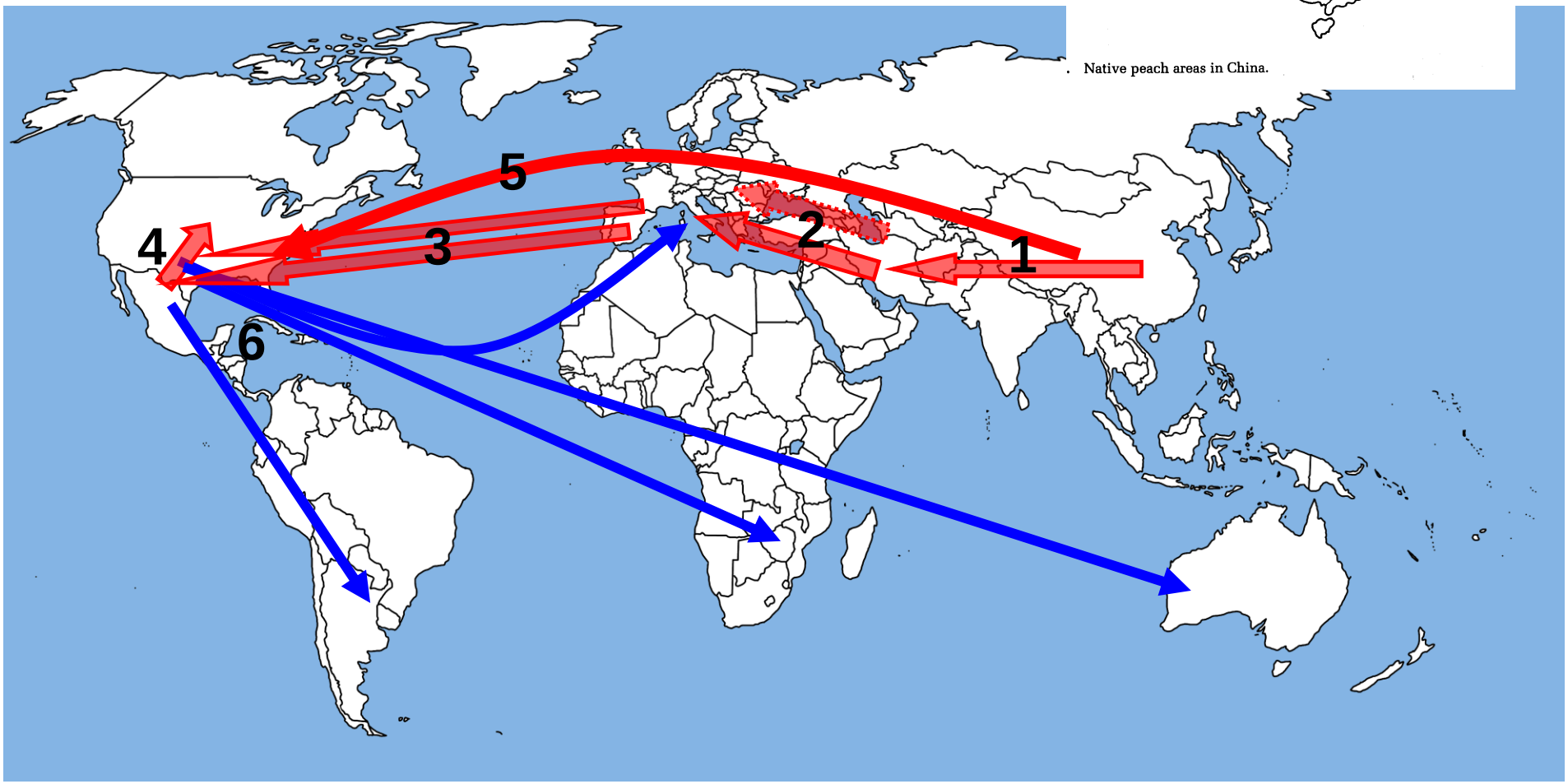


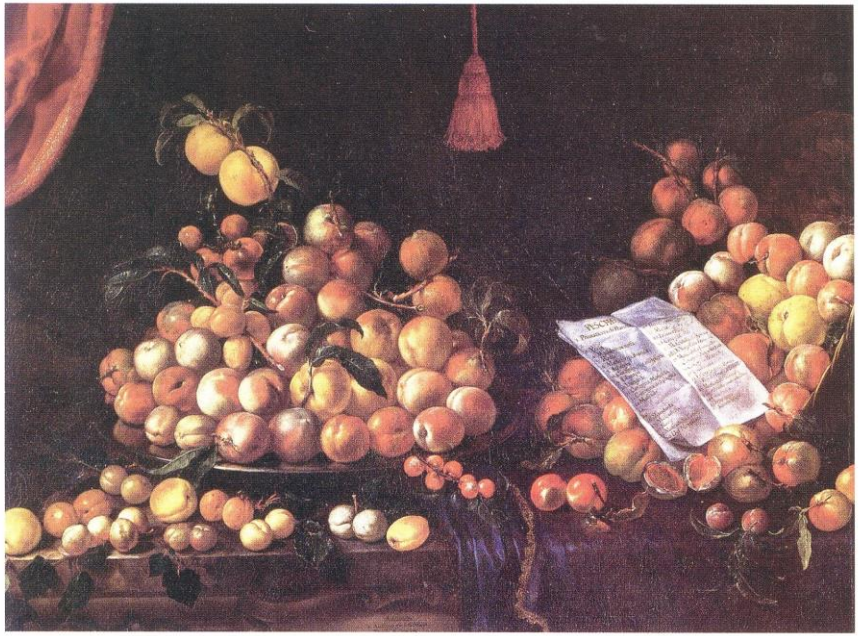


OHIO HISTORICAL SOCIETY
JOHNNY APPLESEED.

PESCO

. Native peach areas in China.





John Bartram (1699-1777)

Shanghai.

Elberta.

J. H. Hale.