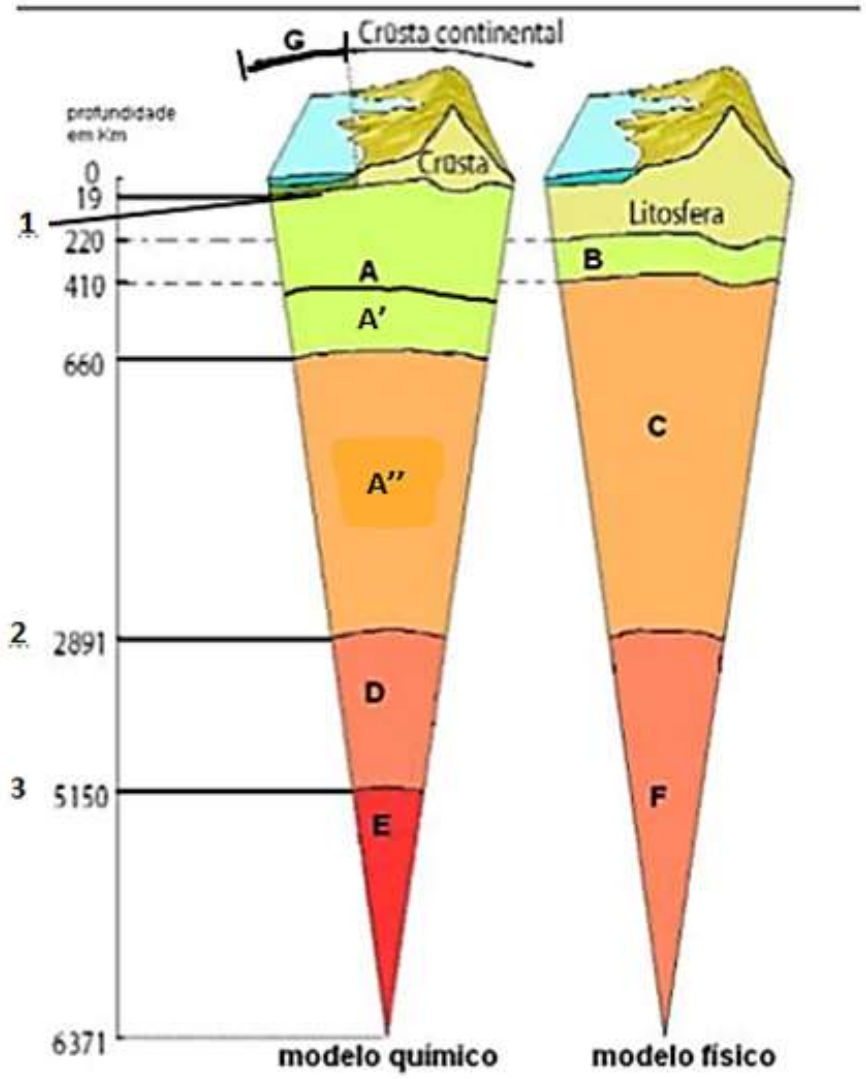
Exercício 1: As diferentes camadas da Terra

- ✓ **SUBDIVISÃO SÍSMICO-PETROLÓGICA**
- ✓ **(baseada na composição)**

- ✓ **SUBDIVISÃO GEODINÂMICA DO PLANETA**
- ✓ **(baseada nas propriedades físicas - reologia)**

1. Identifique as camadas conforme os diferentes modelos de subdivisão do Planeta Terra



A:_____

A': _____

A": _____

B:_____

C:_____

D:_____

E:_____

F:_____

G:_____

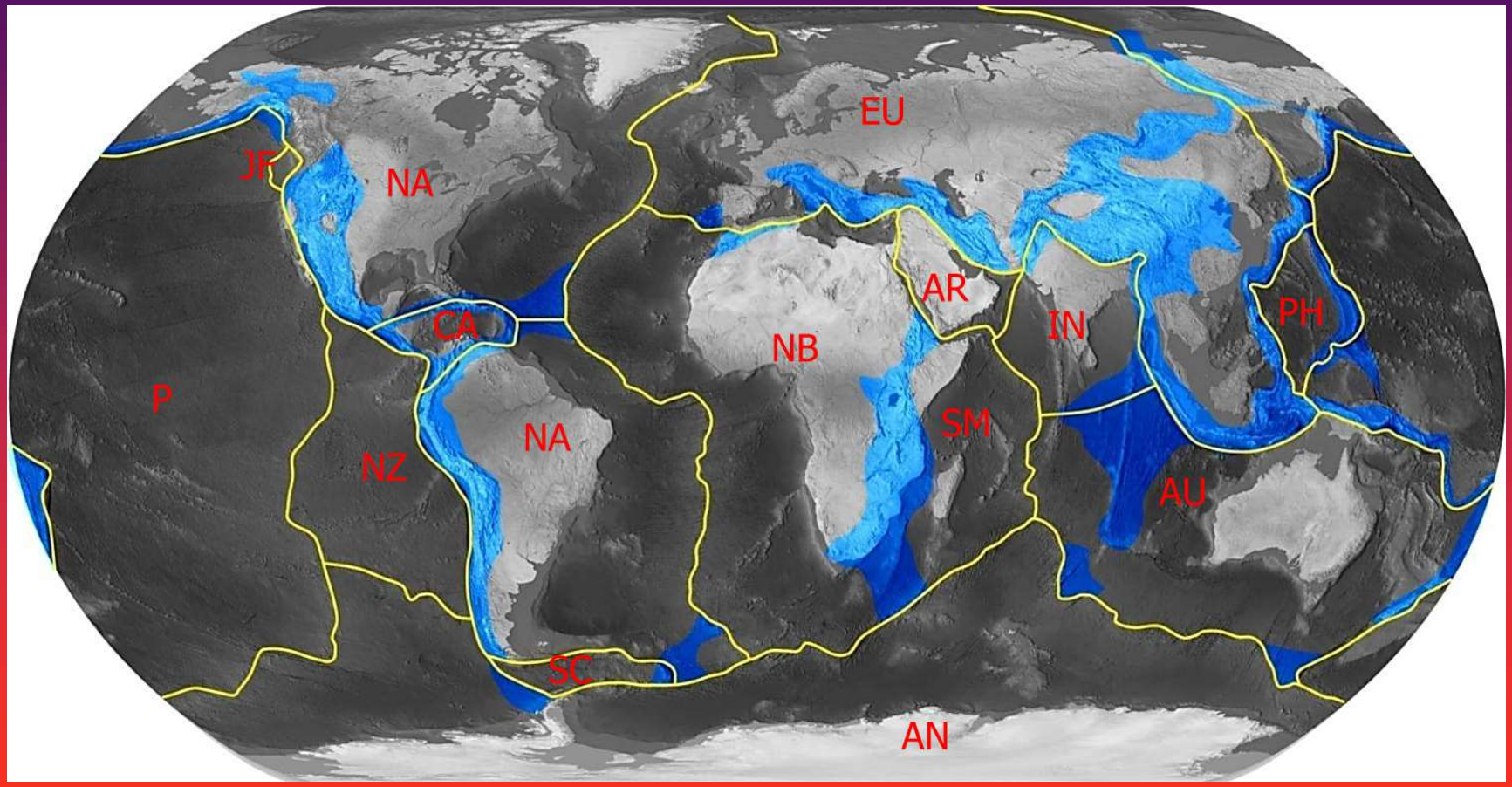
Descontinuidades:

1: _____

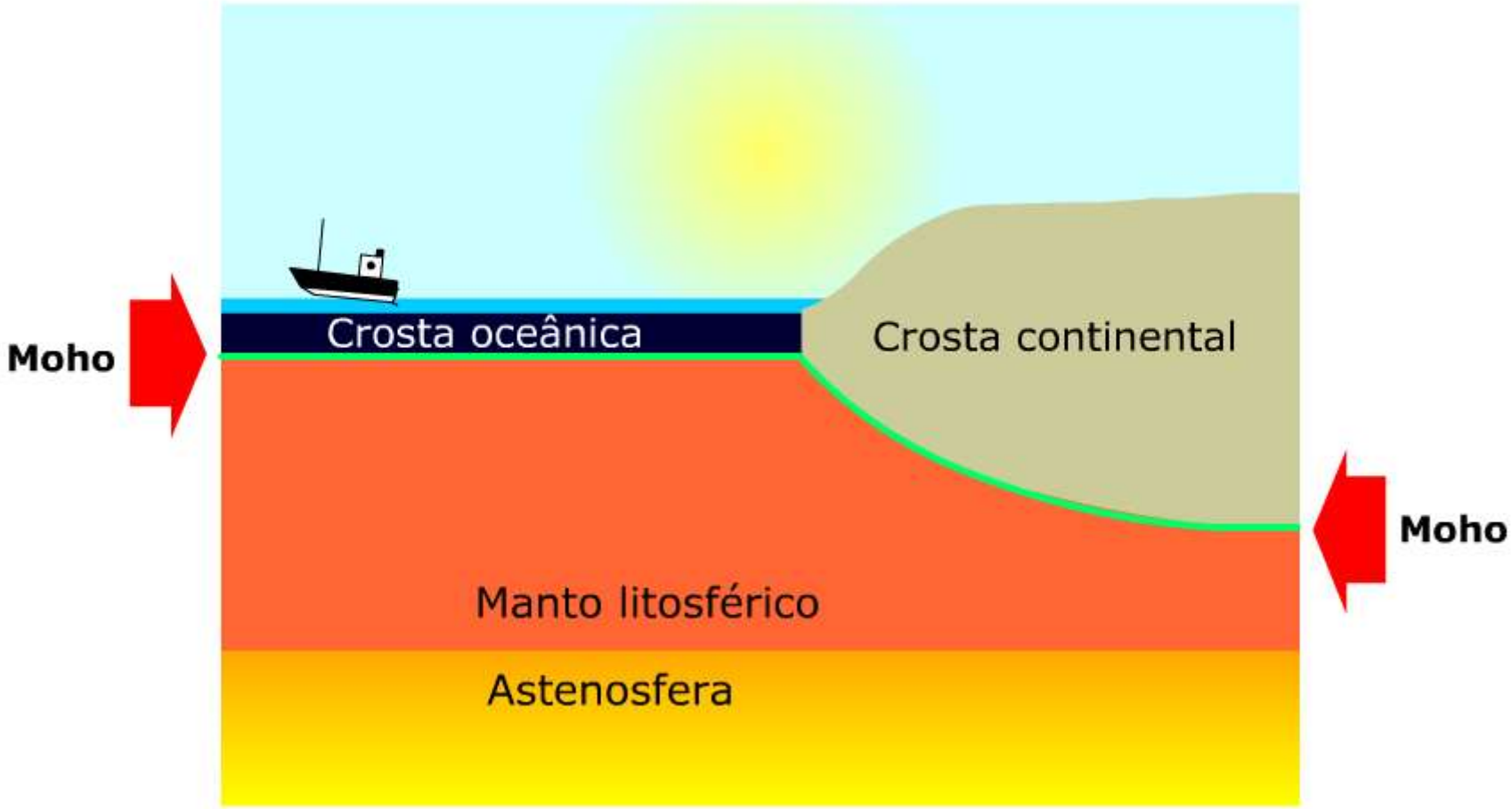
2: _____

3:_____

Exercício 2: Placas tectônicas



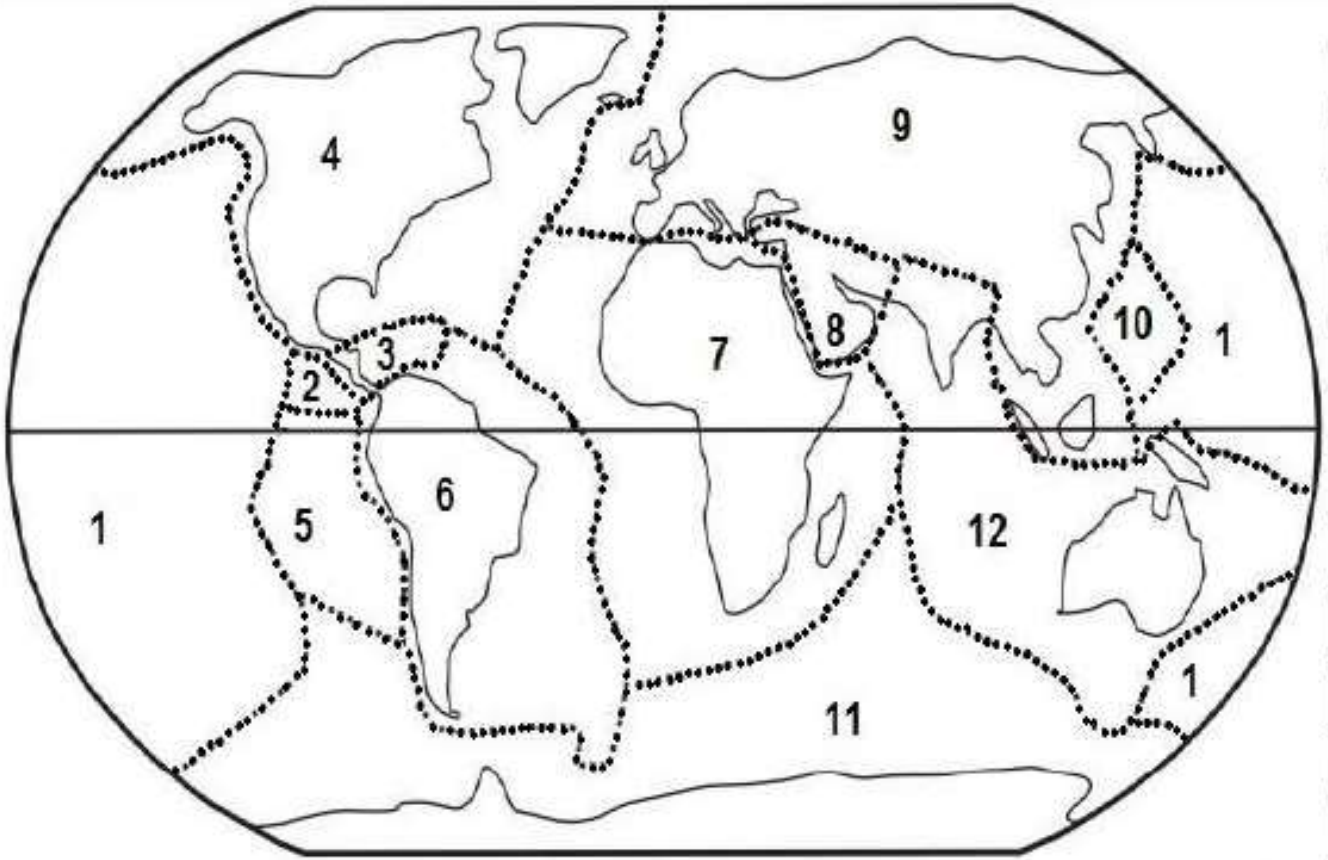
2a) Identifique no desenho quais camadas compõem as placas tectônicas



2b)

PLACAS TECTÔNICAS

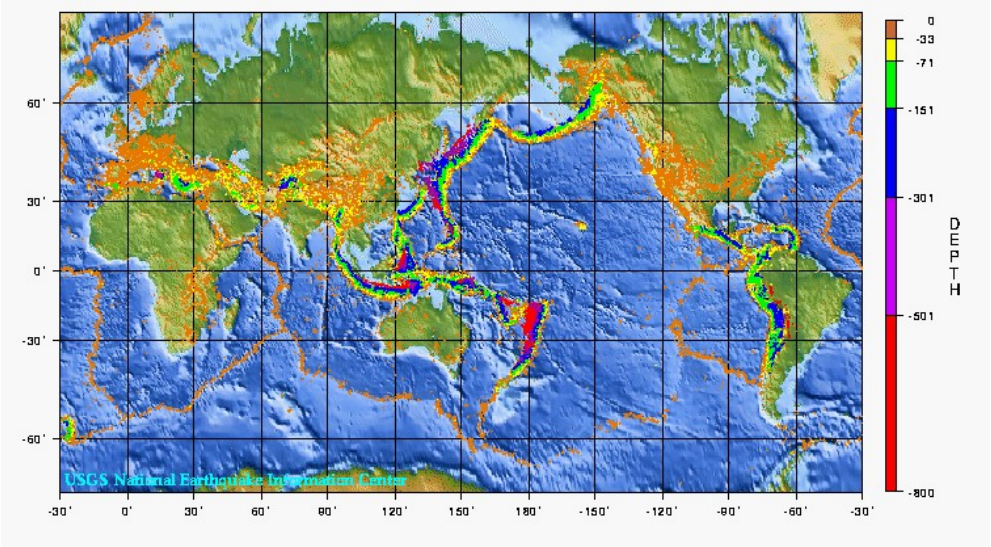
Pinte o mapa de acordo com a legenda.

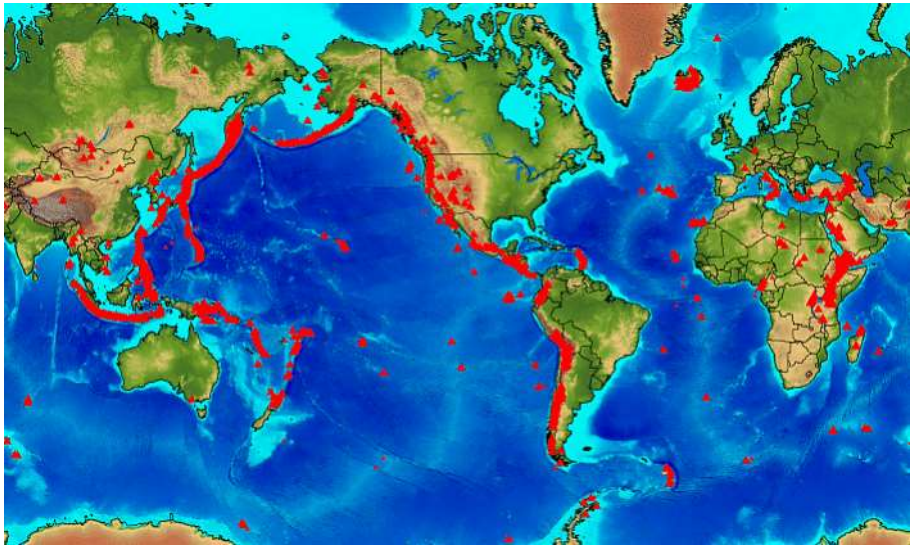


1	Placa Pacífica
2	Placa de Cocos
3	Placa do Caribe
4	Placa Norte-Americana
5	Placa de Nazca
6	Placa Sul-Americana
7	Placa Africana
8	Placa Irã-Arábica
9	Placa Euroasiática
10	Placa Filipina
11	Placa Antártica
12	Placa Indo-Australiana

Fonte: suportegeografico77.blogspot.com.br

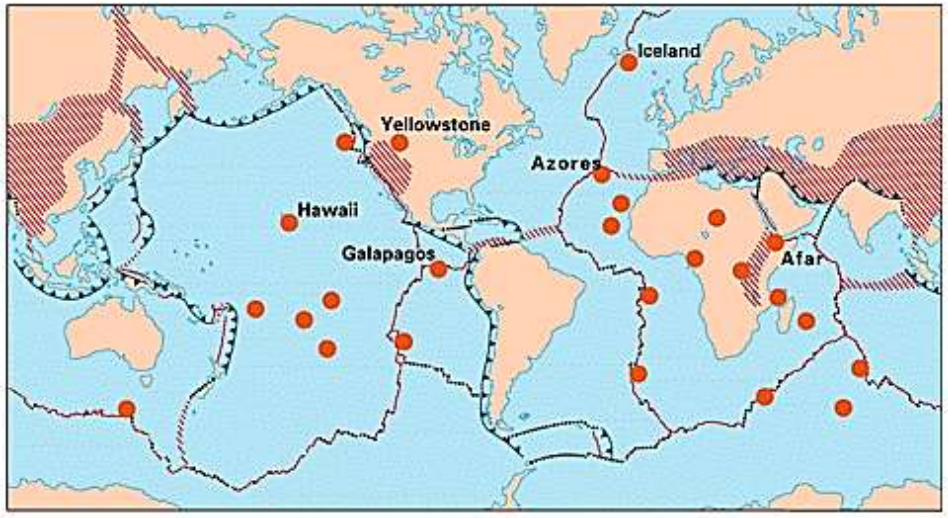
3) Identifique nos 3 mapas do que se tratam os pontos assinalados





a) _____

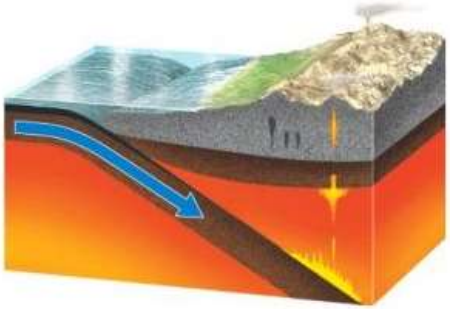
b) _____



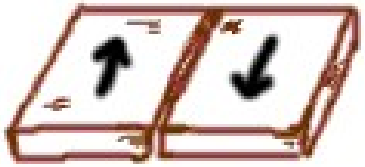
c) _____

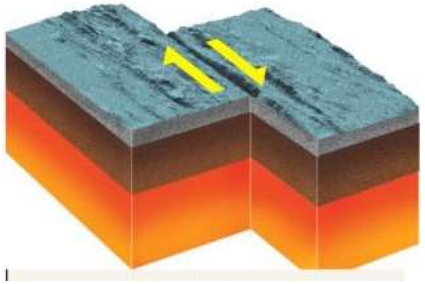
Exercício 4: Limites de placas tectônicas

4a) Identifique os 3 tipos principais de limites de Placas:

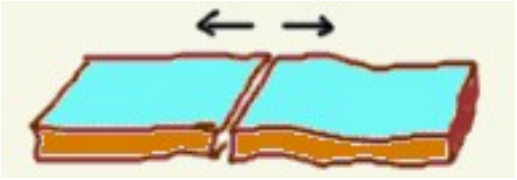


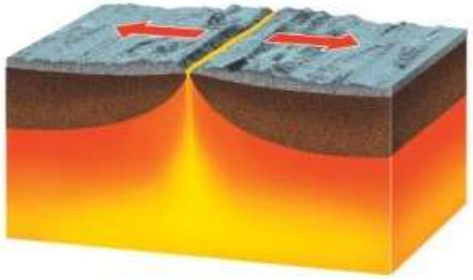
1. _____





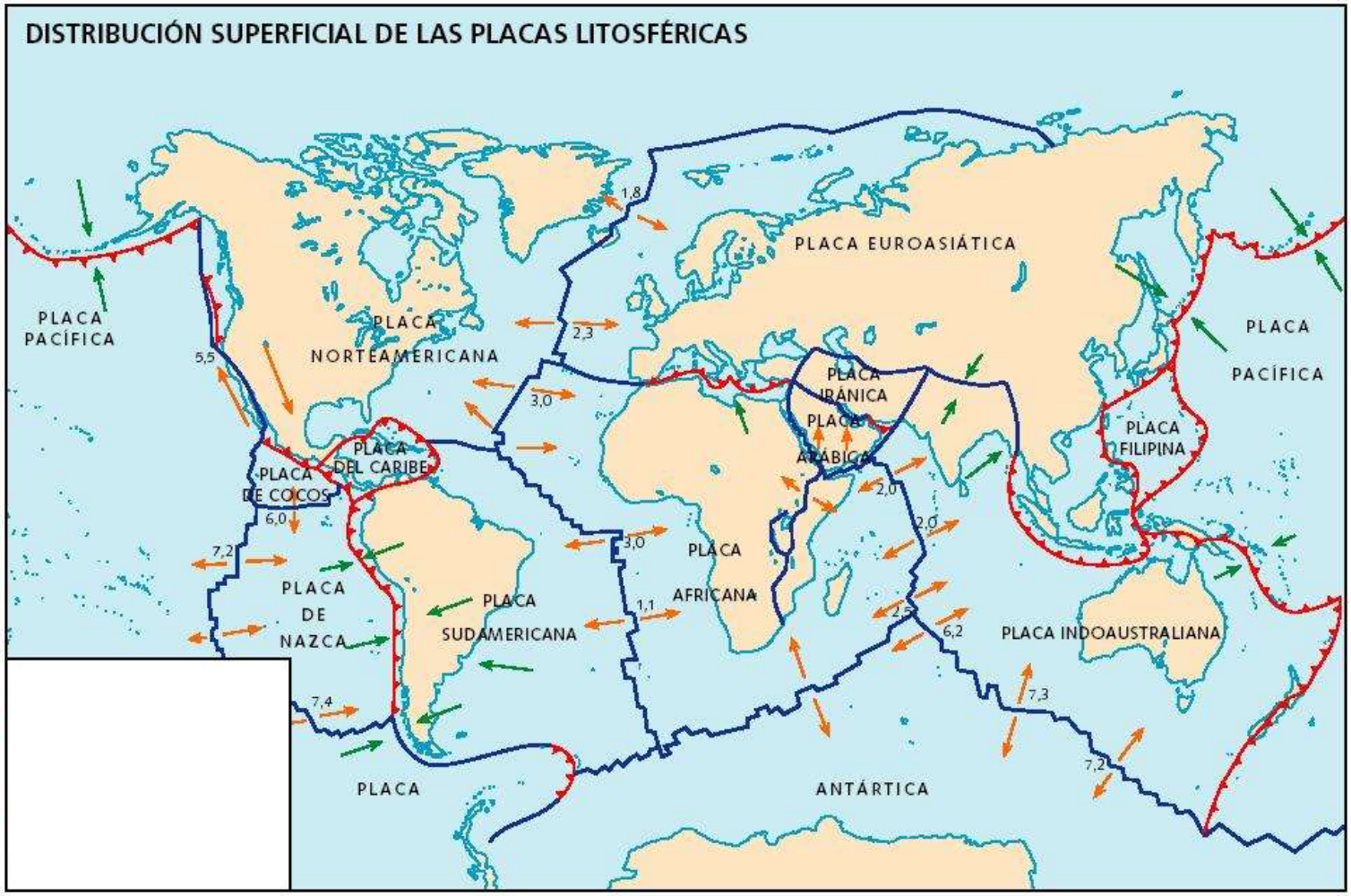
2. _____

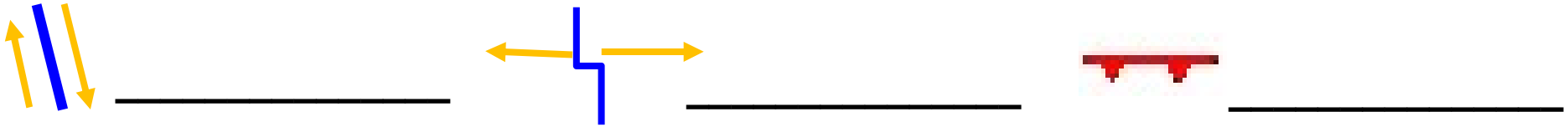




3. _____

4b) Complete a legenda do mapa: 3 tipos de limites de placas

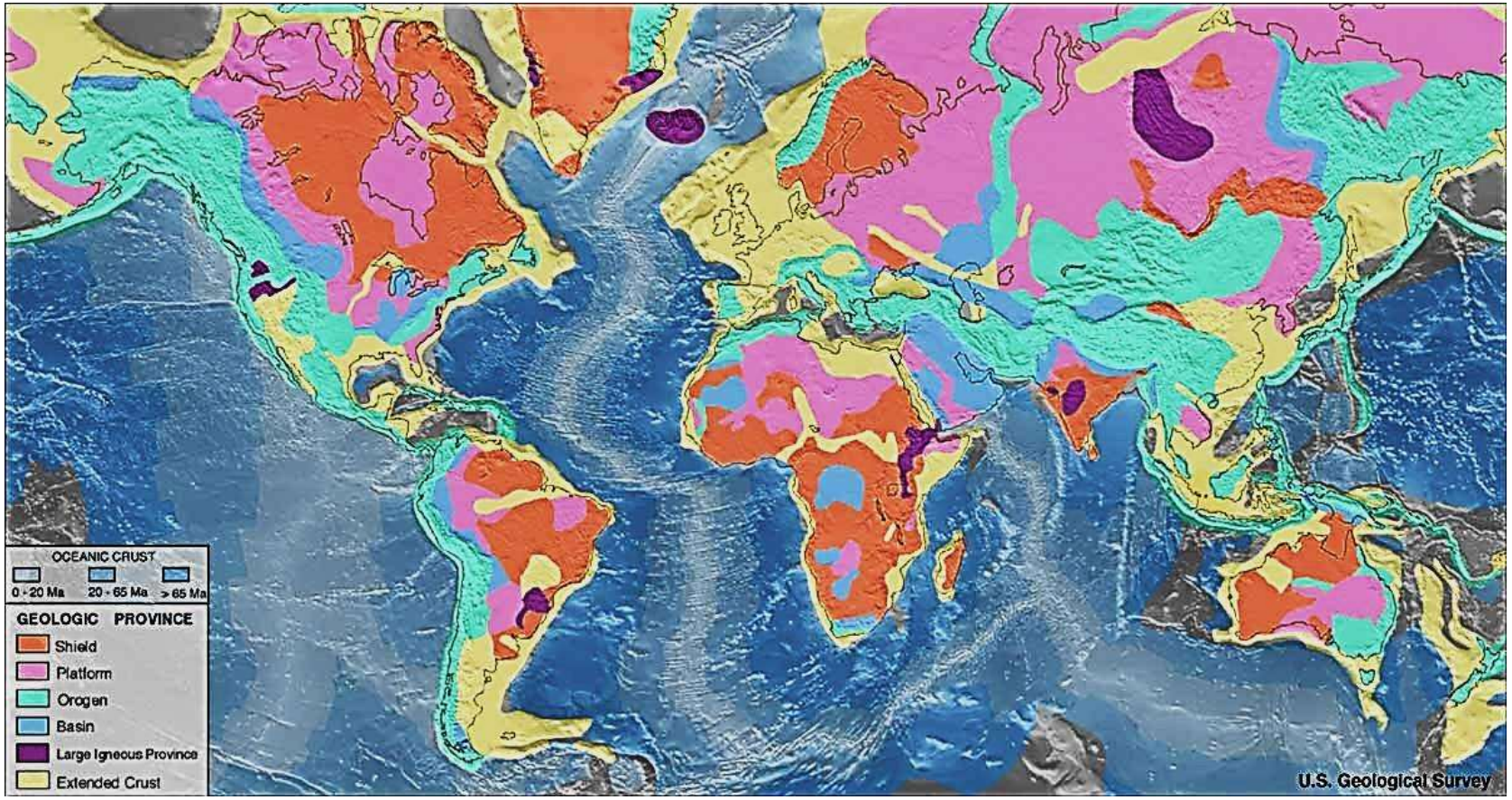




5. Províncias Tectônicas

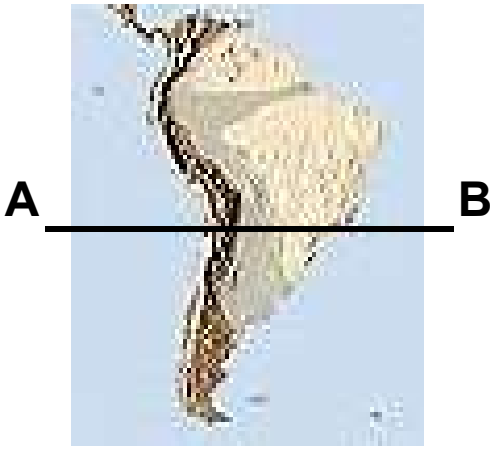
Crátons / Plataformas/escudos

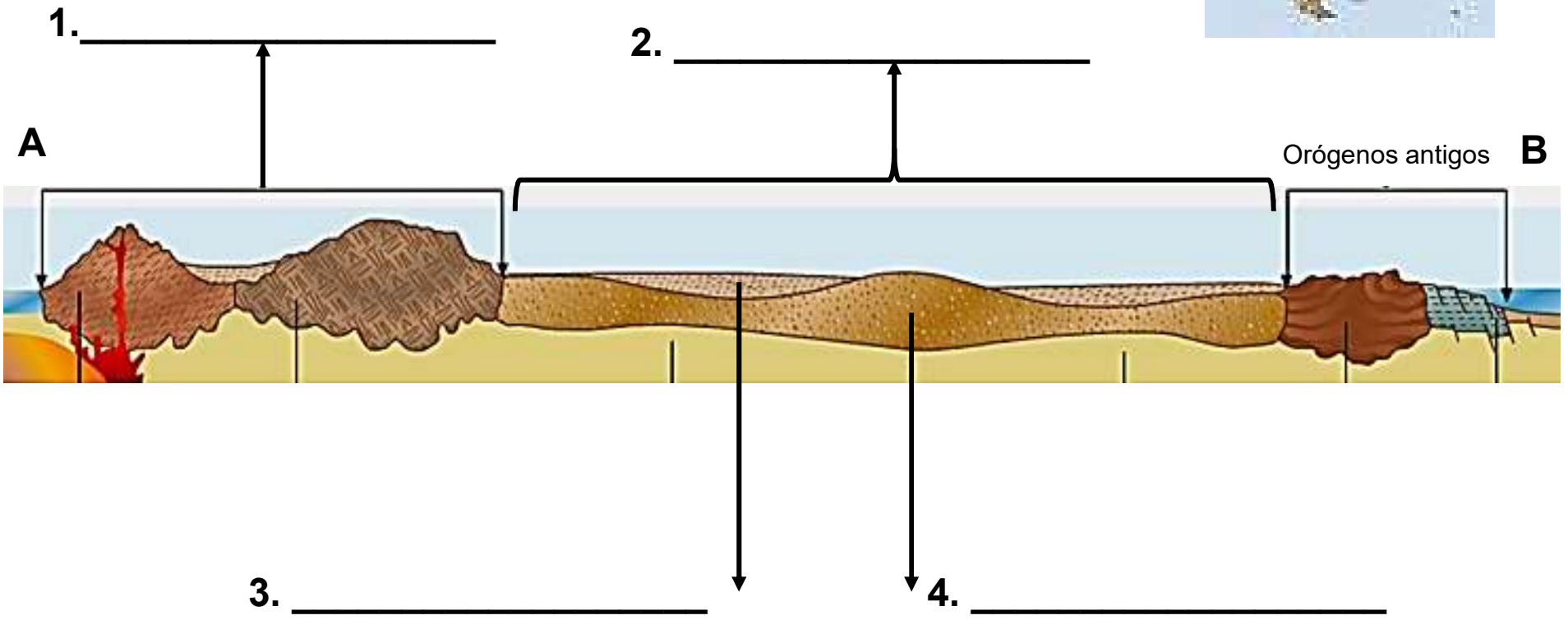
Faixas Móveis/Orógenos



5a) Perfil esquemático América do Sul:

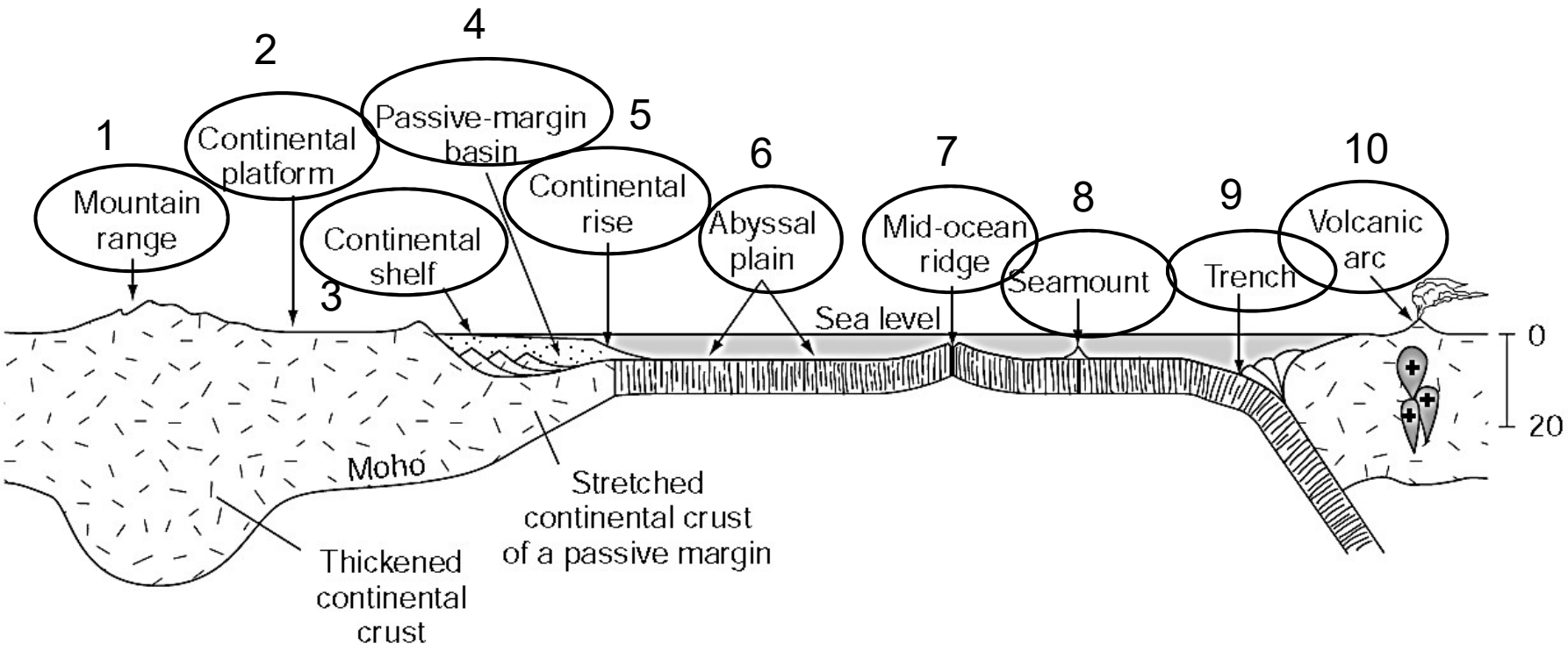
Identifique as províncias tectônicas assinaladas



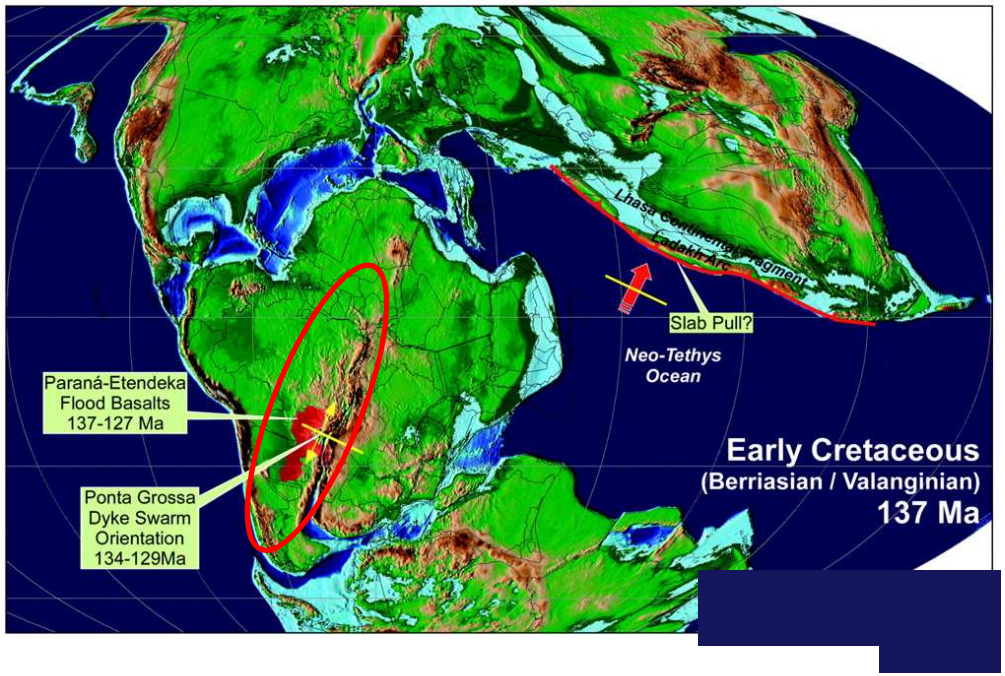


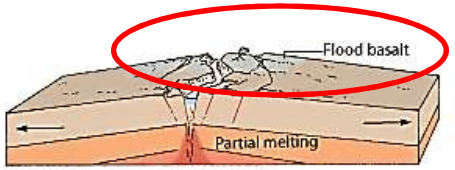
6. Tipos crustais oceânicos e continentais

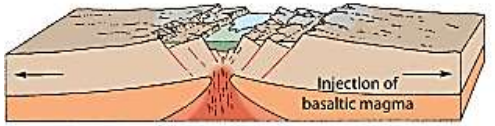
6a) Assinale quais são tipos crustais oceânicos e quais são continentais:

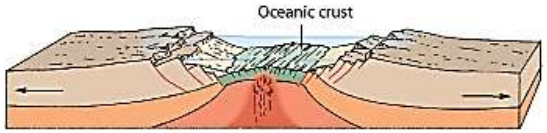


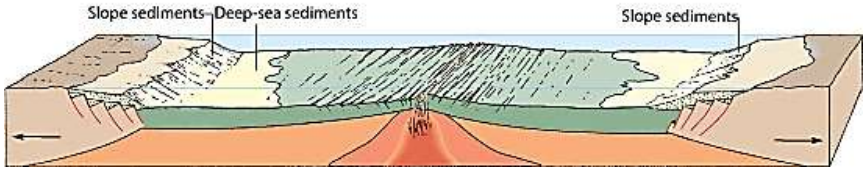
6b) A que tipo crustal se referem as figuras abaixo? (ex. **Bacia do Paraná**)







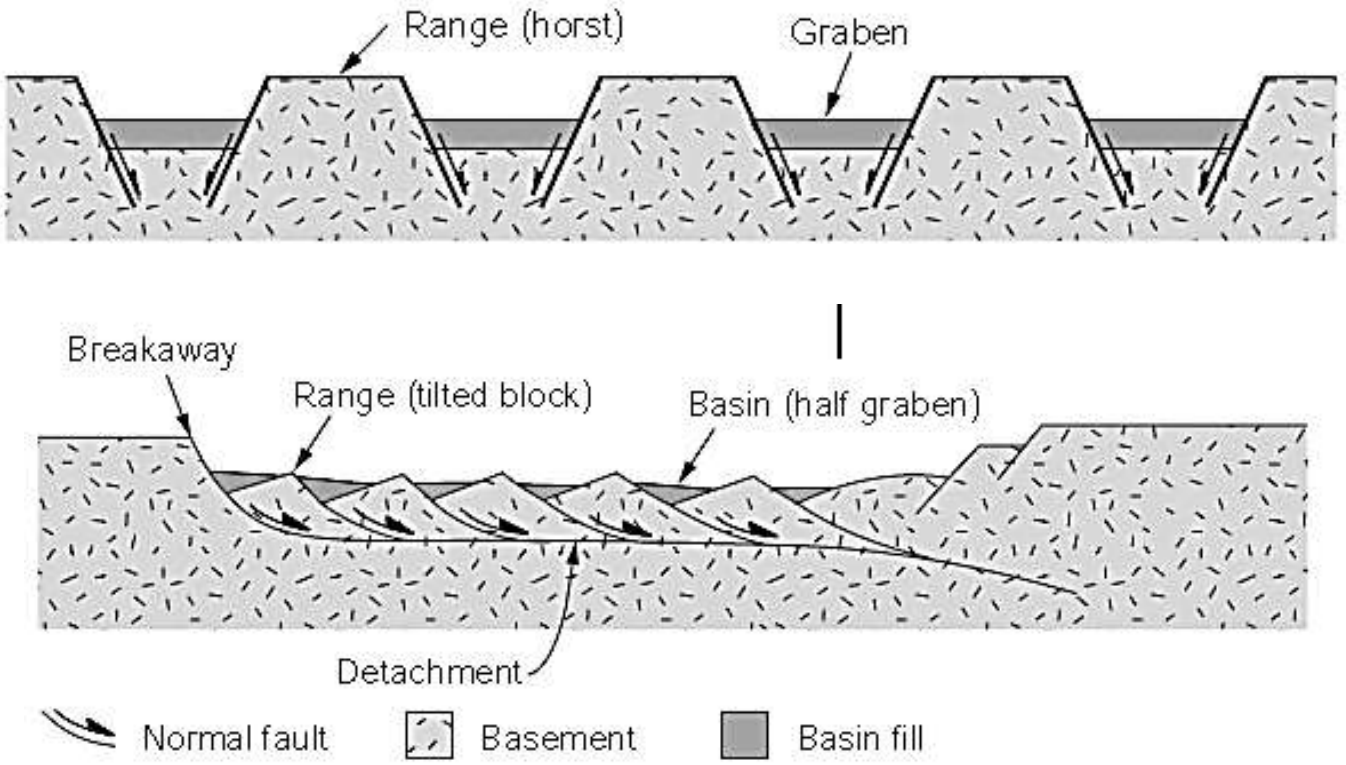




7a) Que tipo de estruturas são essas? O que representam?

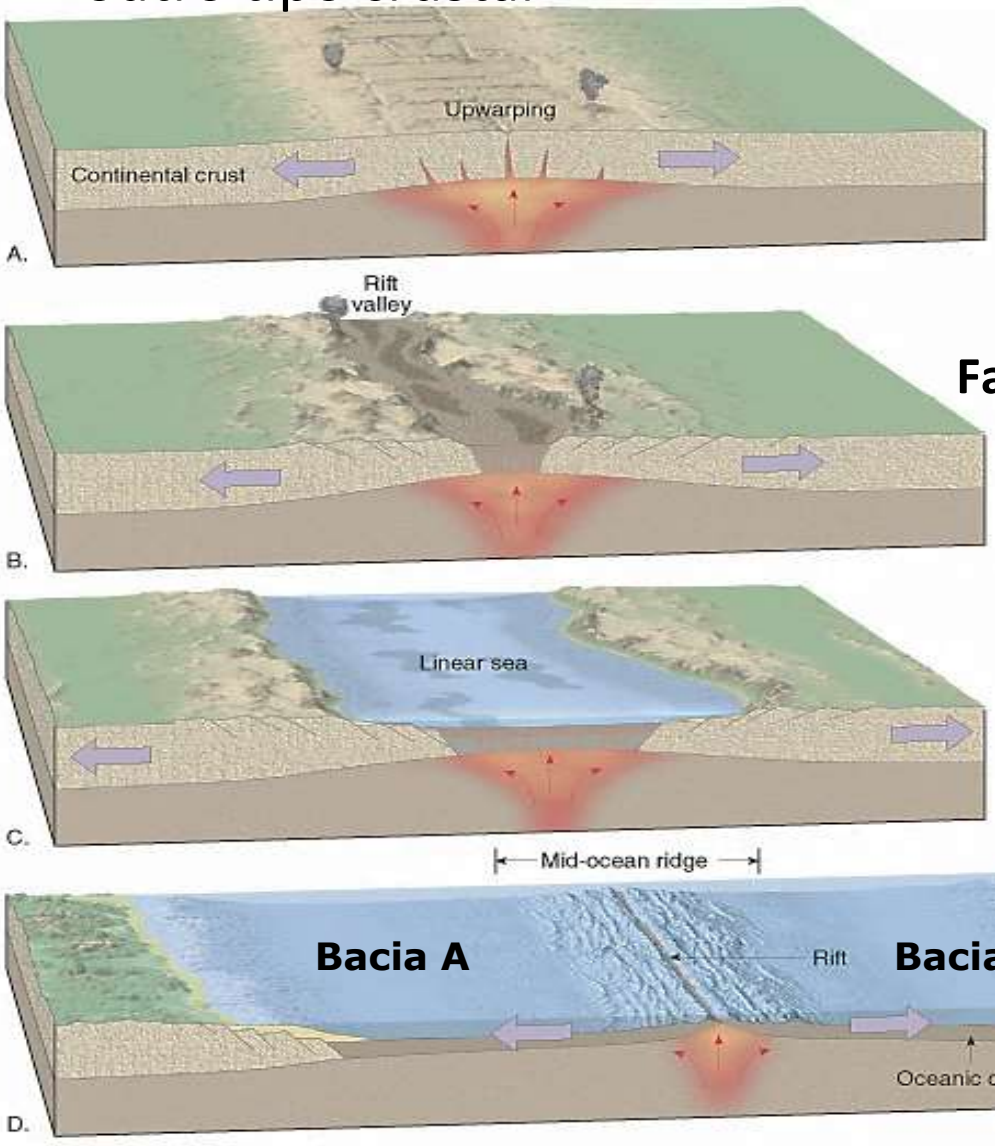
7b) São formadas a partir de que tipo de tensão nas placas litosférica?

7c) Se o processo continua, que tipo crustal pode ser formado?



8. Evolução rifte–drifte no Ciclo de Wilson: complete as frases abaixo

- Antecedente: supercontinente ou outro tipo crustal



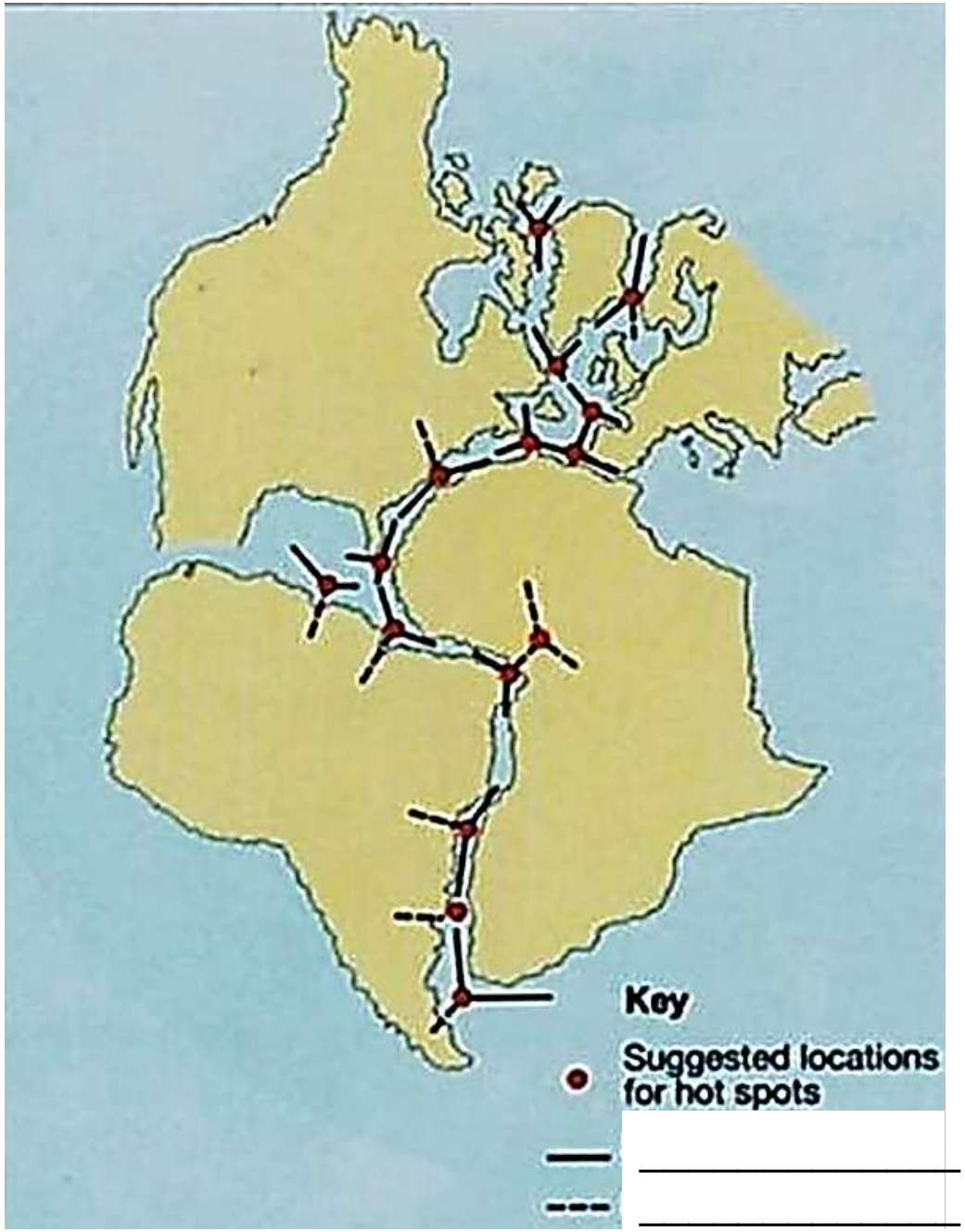
Fase _____ da crosta continental (domos e intradomos)

Fase _____ **ou** _____: grandes lagos e vulcanismo alcalino

Fase _____ **ou** _____: **subsidência térmica**, enxame de diques, mares lineares (Transição pré-ruptura)

Fase _____ **ou** _____:

9) Complete a legenda do mapa abaixo

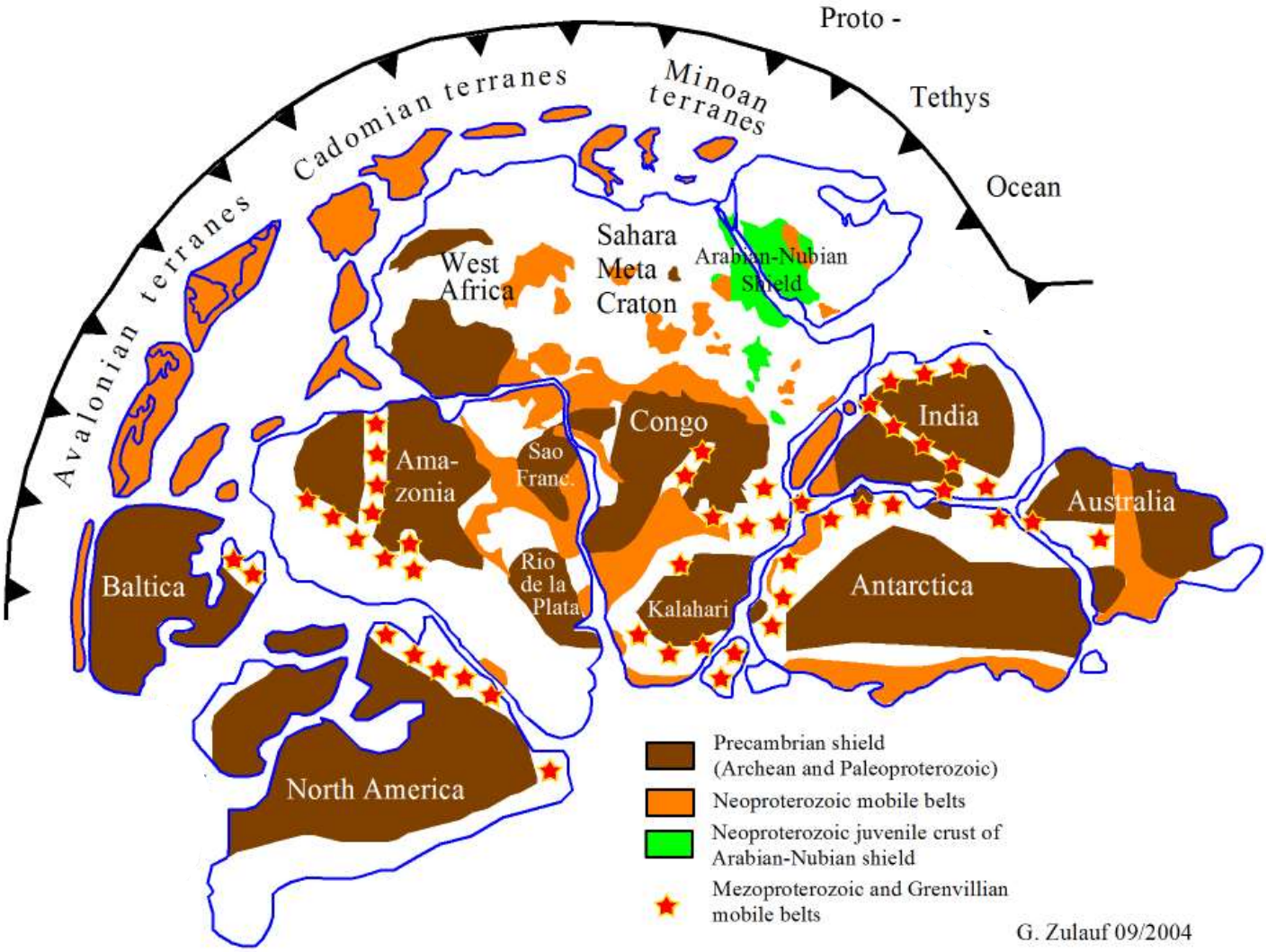


_____

_____

10. Supercontinentes

10a) Qual é o nome deste supercontinente? Qual a época final aproximada (em Ma) em que foi formado?

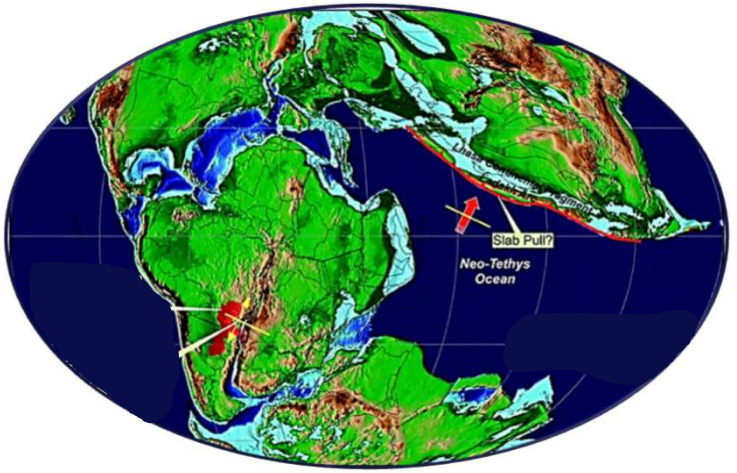


10b) Supercontinente Pangea: Defina o **Período e Época** (ver *Chronostratigraphic chart*):

1. em que foi formado;
2. em que iniciou sua quebra.

1. _____

2. _____



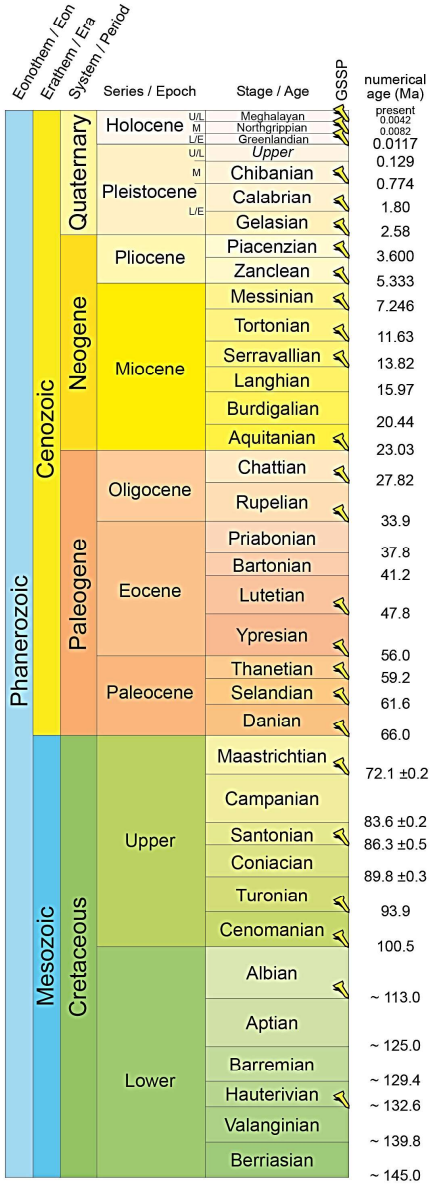
INTERNATIONAL CHRONOSTRATIGRAPHIC CHART

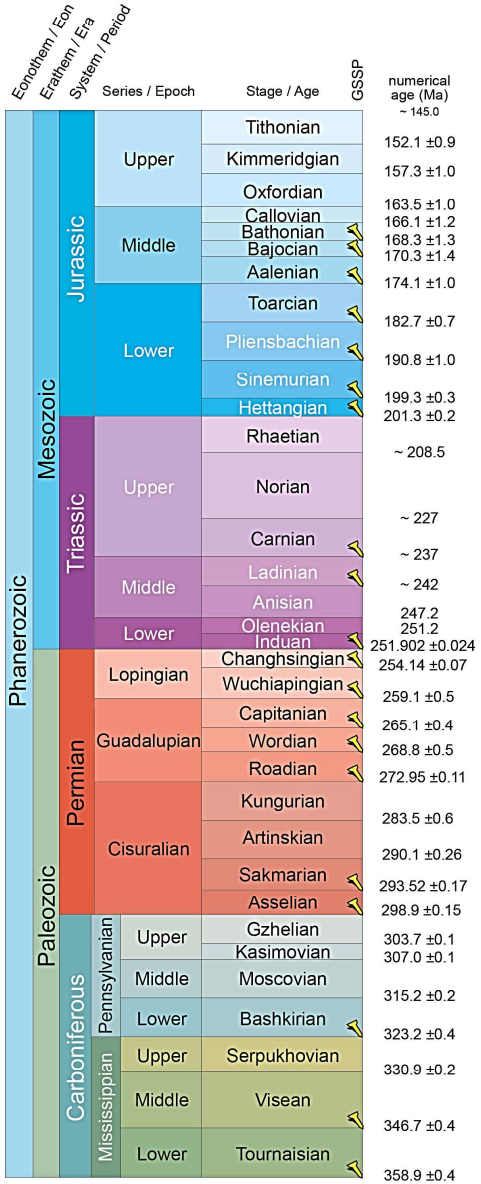
IUGS

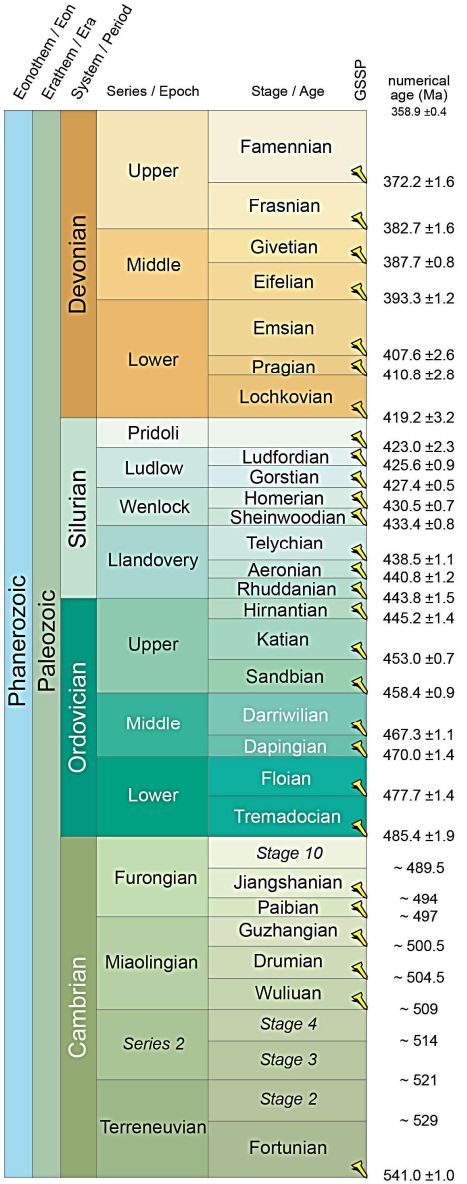
www.stratigraphy.org

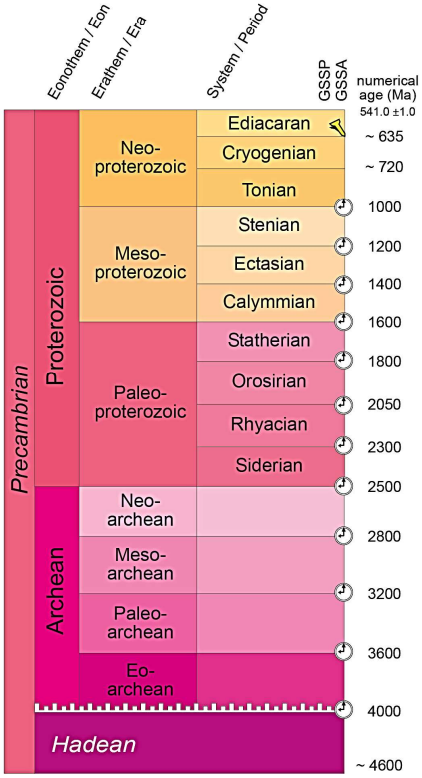
International Commission on Stratigraphy

v 2020/01









Units of all ranks are in the process of being defined by Global Boundary Stratotype Section and Points (GSSP) for their lower boundaries, including those of the Archean and Proterozoic, long defined by Global Standard Stratigraphic Ages (GSSA). Italic fonts indicate informal units and placeholders for unnamed units. Versioned charts and detailed information on ratified GSSPs are available at the website http://www.stratigraphy.org. The URL to this chart is found below.

Numerical ages are subject to revision and do not define units in the Phanerozoic and the Ediacaran; only GSSPs do. For boundaries in the Phanerozoic without ratified GSSPs or without constrained numerical ages, an approximate numerical age (~) is provided.

Ratified Subseries/Subepochs are abbreviated as U/L (Upper/Late), M (Middle) and L/E (Lower/Early). Numerical ages for all systems except Quaternary, upper Paleogene, Cretaceous, Triassic, Permian and Precambrian are taken from 'A Geologic Time Scale 2012' by Gradstein et al. (2012), those for the Quaternary, upper Paleogene, Cretaceous, Triassic, Permian and Precambrian were provided by the relevant ICS subcommissions.

Colouring follows the Commission for the Geological Map of the World (www.cgm.org)

Chart drafted by K.M. Cohen, D.A.T. Harper, P.L. Gibbard, J.-X. Fan

(c) International Commission on Stratigraphy, January 2020

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URL: http://www.stratigraphy.org/ICSchart/ChronostratChart2020-01.pdf