

官方指南 8 精析

Practice 8 explanations

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Practice 8 P1

This passage is from Carlos Ruiz Zafón, *The Angel's Game*. ©2008 by Dragonworks, S.L. Translation ©2009 by Lucia Graves. The narrator, a writer, recalls his childhood in early twentieth-century Barcelona.

| | character 1 | character 2 | character 3 |
|-----------------|--|---------------------------------------|---|
| name | narrator | narrator's Dad | Sempere |
| relationship | The narrator always reads in Sempere's bookshop. | | |
| characteristics | loves reading; saves money for buying books; his favorite place is a bookshop; receives the best gift | doesn't like books; not a miser | cares for the narrator; gives the narrator a book as a Christmas gift |
| plot | The narrator loves reading and receives the best gift from Sempere which the narrator's father doesn't like. | | |

Practice 8 P1 长难句分析1

Where my school friends saw notches of ink on incomprehensible pages, I saw light, streets, and people. Words and the mystery of their hidden science fascinated me, and I saw in them a key with which I could unlock a boundless world, a safe haven from that home, those streets, and those troubled days in which even I could sense that only a limited fortune awaited me.

1. where: whereas/while
2. boundless: limitless

Practice 8 P1 长难句分析2

It was only small change—if I' d had to buy a book with that pittance, I would probably have been able to afford only a booklet of cigarette papers. When it was time for me to leave, I would do so dragging my feet, a weight on my soul. If it had been up to me, I would have stayed there forever.

pittance: a very small amount of money

Practice 8 P2

This passage is adapted from Jeffrey Mervis,
"Why Null Results Rarely See the Light of Day."
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Advancement of Science.



Practice 8 P2

P1: an introduction of null results and their implications

P2-3: the design of a study concerning null results

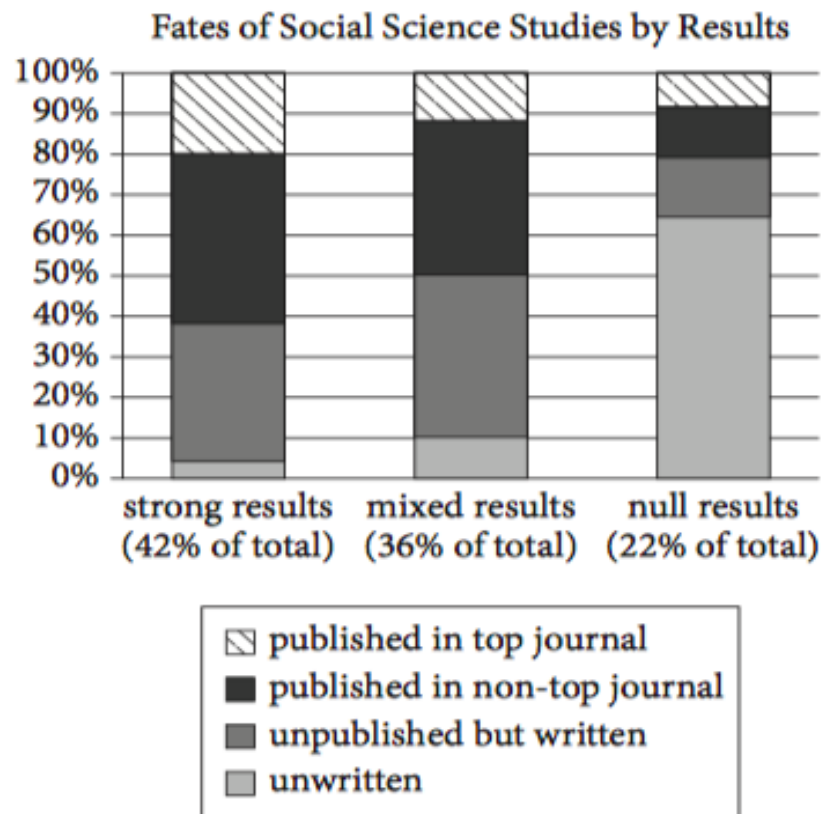
P4: the significance to the study's designer

P5: the statistics of the study

P6: other scientists' comments

P7: problems concerning null results

P8: the solution to the problems



Adapted from Annie Franco, Neil Malhotra, and Gabor Simonovits, "Publication Bias in the Social Sciences: Unlocking the File Drawer."
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Practice 8 P2 长难句分析1

Worse, if researchers publish significant results from similar experiments in the future, **they** could look stronger than **they** should because the earlier null studies are ignored.

significant results

significant results

Practice 8 P2 长难句分析2

Even more troubling to Malhotra was the fact that two scientists whose initial studies “didn’t work out” went on to publish results based on a smaller sample. “The non-TESS version of the same study, in which we used a student sample, did yield fruit,” noted one investigator.

Practice 8 P3

This passage is adapted from Rachel Ehrenberg, "Salt Stretches in Nanoworld." ©2009 by Society for Science & the Public. The "nanoworld" is the world observed on a scale one billionth that of ordinary human experience.



Practice 8 P3

P1: findings and implications of a study

P2-4: scientists' unexpectedness of salt stretchiness

P5-8: an experiment's accidental discovery

P9-10: the experiment's implications

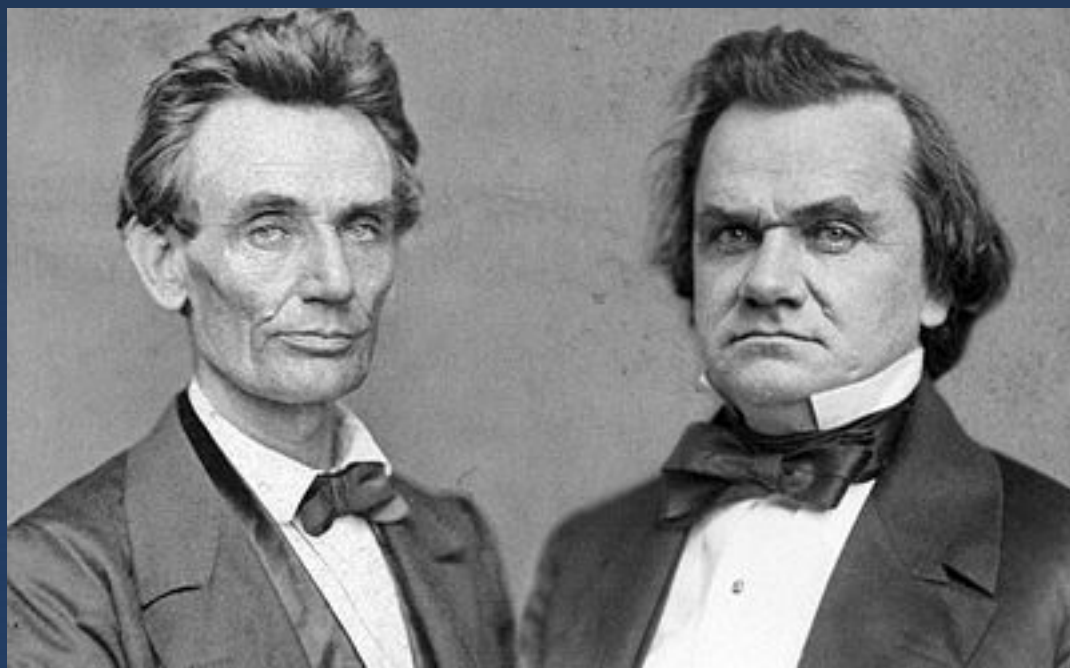
Practice 8 P3 长难句分析

This bizarre behavior is actually mirrored in the macroworld, the researchers say. Huge underground deposits of salt can bend like plastic, but water is believed to play a role at these scales.

1. bizarre: strange
2. mirror: be similar to

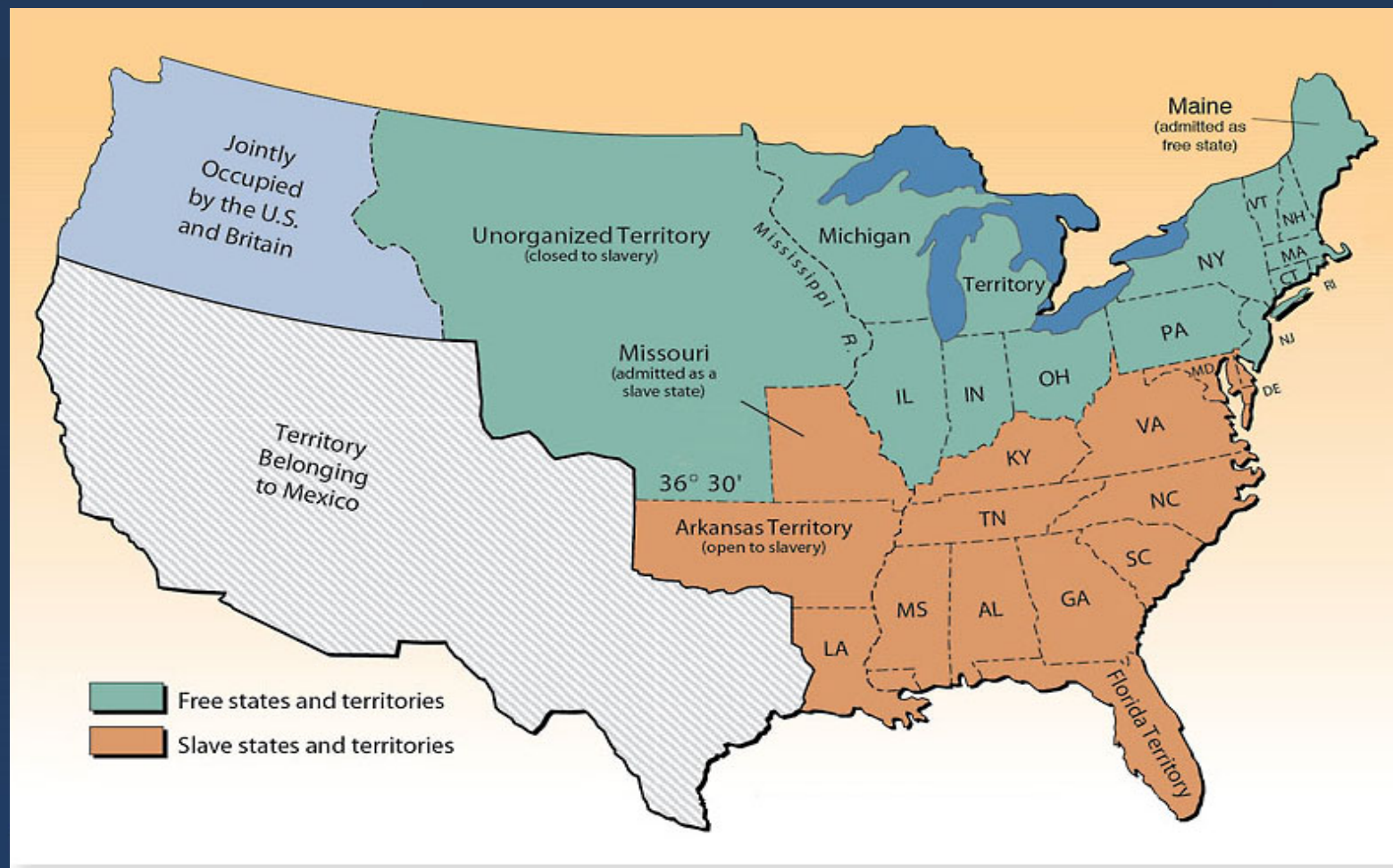
Practice 8 P4

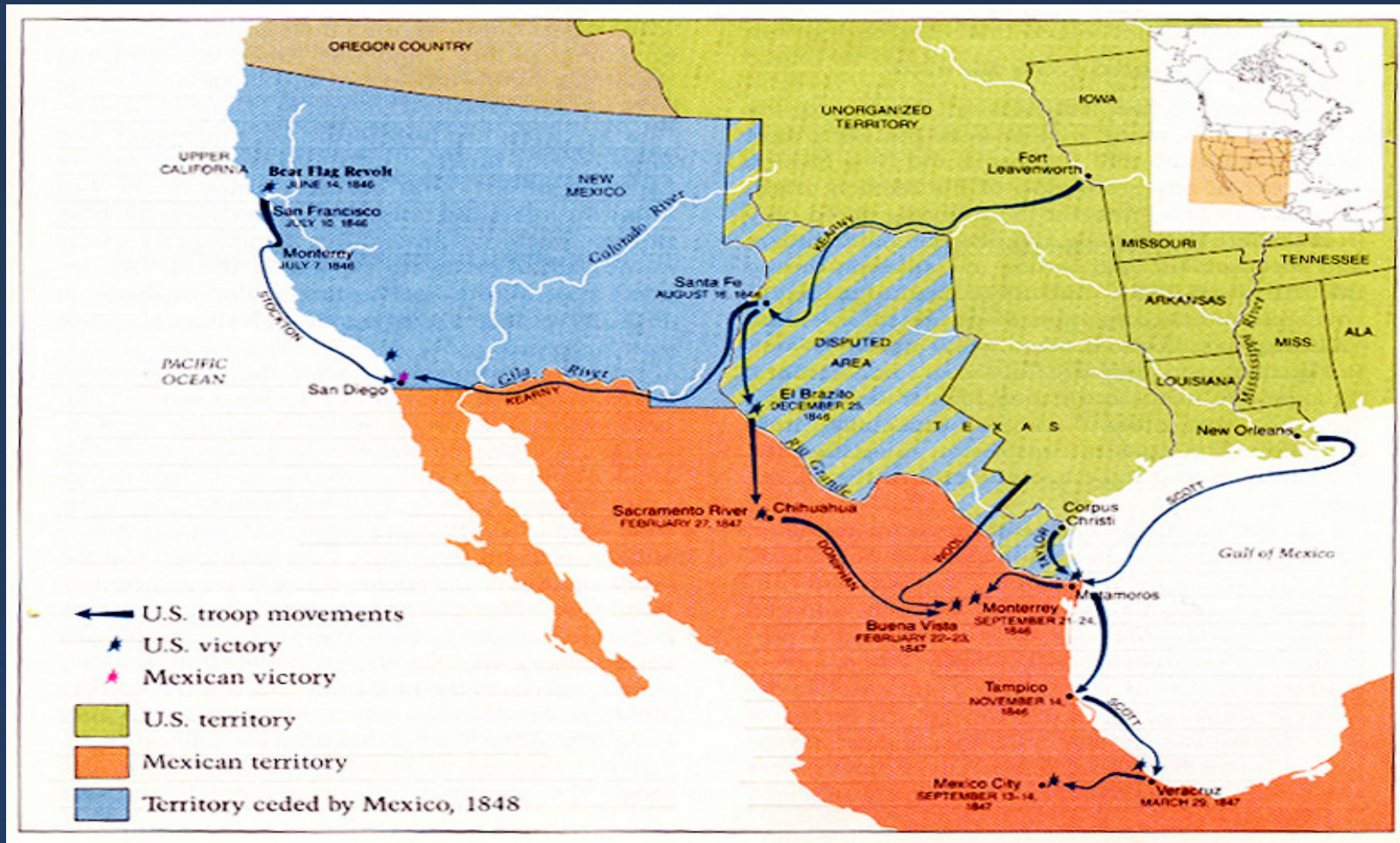
These passages are adapted from the Lincoln-Douglas debates. Passage 1 is from a statement by Stephen Douglas. Passage 2 is from a statement by Abraham Lincoln. Douglas and Lincoln engaged in a series of debates while competing for a US Senate seat in 1858.



Lincoln-Douglas debates

The debates were series of seven debates between the Democratic senator Stephen Douglas and Republican challenger Abraham Lincoln during the 1858 Illinois senatorial campaign, largely concerning the issue of slavery extension into the territories. The slavery extension question had seemingly been settled by the **Missouri Compromise** nearly 40 years earlier. **The Mexican War**, however, had added new territories, and the issue flared up again in the 1840s.





Practice 8 P4

Passage 1

P1: a rejection of Lincoln's view about the Constitution

P2: a defense of the Constitution

Practice 8 P4

Passage 2

P1: a clarification of the author's view about the Constitution

P2: an argument against the spreading of slavery into new territory

Practice 8 P4

P1 criticizes P2 for finding fault with the Constitution, and P2 argues that this criticism misrepresents his position.

Practice 8 P4 长难句分析1

Mr. Lincoln likens that bond of the Federal Constitution, joining Free and Slave States together, to a house divided against itself, and says that it is contrary to the law of God, and cannot stand.

1. liken A to B: compare A to B
2. a house divided against itself: an institution that falls apart

Practice 8 P4 长难句分析2

I now come back to the question, why cannot this Union exist forever, divided into Free and Slave States, as our fathers made it? It can thus exist if each State will carry out the principles upon which our institutions were founded; to wit, the right of each State to do as it pleases, without meddling with its neighbors.

1. thus: in this way
2. to wit: that's to say
3. meddle: interfere

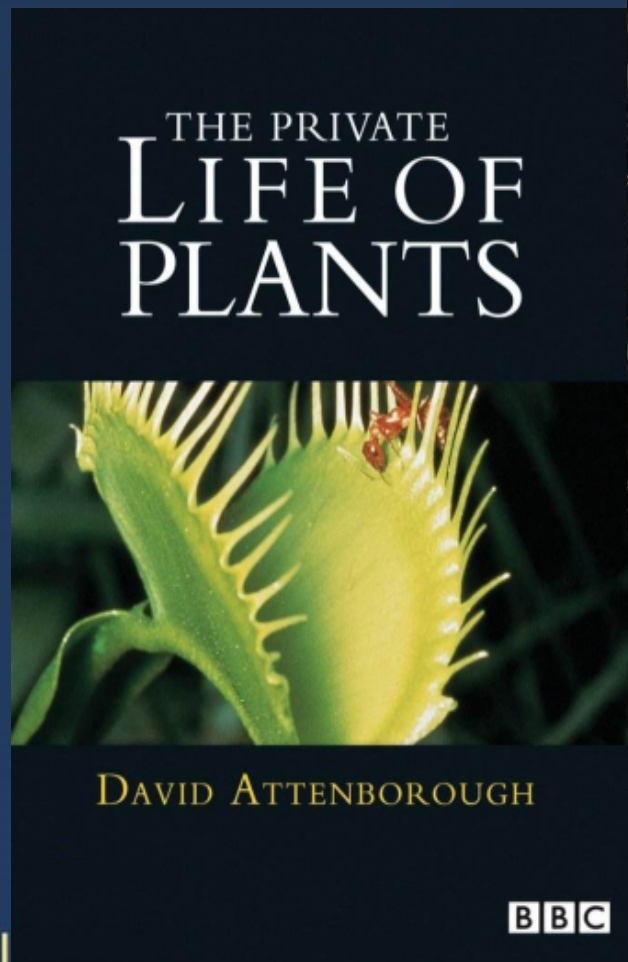
Practice 8 P4 长难句分析3

But has it been so with this element of slavery?
Have we not always had quarrels and difficulties
over it? And when will we cease to have quarrels
over it? Like causes produce like effects. It is worth
while to observe that we have generally had
comparative peace upon the slavery question, and
that there has been **no** cause for alarm **until** it was
excited by the effort to spread it into new territory.

like: similar

Practice 8 P5

This passage is adapted from Daniel Chamovitz,
What a Plant Knows: A Field Guide to the Senses.
©2012 by Daniel Chamovitz.



The Venus flytrap



它的原产地是美国

It's a native of the coastal plains

Practice 8 P5

P1: an introduction of the Venus flytrap' s trap-closing behavior

P2: an explanation of the trap-closing system

P3-4: a model proposed by two scientists

P5: a research supporting the model

Practice 8 P5 长难句分析1

In their studies, they discovered that touching a trigger hair on the Venus flytrap causes an electric action potential [a temporary reversal in the electrical polarity of a cell membrane] that induces calcium channels to open in the trap (this coupling of action potentials and the opening of calcium channels is similar to the processes that occur during communication between human neurons), thus causing a rapid increase in the concentration of calcium ions.

Practice 8 P5 长难句分析1

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induce: cause

Practice 8 P5 长难句分析2

Alexander Volkov and his colleagues at Oakwood University in Alabama first demonstrated that it is indeed electricity that causes the Venus flytrap to close. To test the model they rigged up very fine electrodes and applied an electrical current to the open lobes of the trap.

1. demonstrate: confirm, corroborate, substantiate, verify, authenticate, validate, establish
2. rig up: construct
3. fine: small



Thanks

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