

Now, the next board we are going to put up is the great thought experiment, and this one actually is the ultimate disruption that I think may even happen in my lifetime, and I may lack some of the elegance or eloquence—excuse me—on how to describe it.

You all remember your high school or college botany biology class. You know, a plant cell from a couple million years ago, it has a certain issue of it wants to grow and it grabs an oxygen cell when it meant to grab a carbon molecule. Sorry. And then it spends lots of energy purging that one because “I don’t want the oxygen molecule; I want the carbon molecule to grow.”

Okay. I don’t mean to geek out, but it is a big deal. It is an inherent inefficiency in our plants that is a couple million years old.

It turns out, United States Government and a couple of university labs may have broken the code on the Holy Grail of plant biology, and with a tweak in the genetic code, a 40 percent improvement in growth.

Do the thought experiment with me. What happens tomorrow if, on the same piece of land you are growing soybeans or corn or cotton or grass in your yard, you have a 40 percent improvement in efficiency? How much less water are you using? How much

less fertilizer are you using? How much less fuel? How much less land?

It also means, mathematically, you also feed the world for the next couple hundred years.

World agriculture, if you wanted to do part of the thought experiment, world agriculture produces 2.2 times the amount of greenhouse gasses as every car on Earth. Think about that. So world agriculture, the math is you produce about 2.2 times more greenhouse gasses than every car on Earth. The adoption of this genetic change in our agriculture around the world would be as if you removed every single car off the face of the Earth. That is a disruption.

Now, it is going to also have implications on what agricultural land is worth. I mean, it will have a huge disruption across the world. But if you truly claim you care about the environment, and someone like me who does taxes and financial and economic growth as their specialty here in Congress reads articles like this and sees the disruption in the future for the environment, why isn’t this the discussion here?

If this is real, and we all know in seed stock, you can roll it out in just a few years. What would happen if in just a few years, it would be like you re-

moved every single car off the face of the Earth? That is what something like this equals.

We should be joyful here. We live in a time where technology is moving so fast it is presenting us solutions, and we need to stop the debates around this place that sound like we are all still in the 1990s.

The solutions are all around us, they are rolling out of our labs, they are rolling out of actually people’s garages. Smart people all around us and around the world are producing the solutions. We need to embrace and move those forward, or we can do what we are doing here so far this year, and that is engage in the political theater of rage and completely avoid the optimism of the solutions that are at our doorstep.

Mr. Speaker, I yield back the balance of my time.

ADJOURNMENT

Mr. SCHWEIKERT. Mr. Speaker, I move that the House do now adjourn.

The motion was agreed to; accordingly (at 4 o’clock and 16 minutes p.m.), under its previous order, the House adjourned until tomorrow, Wednesday, May 1, 2019, at 10 a.m. for morning-hour debate.

EXPENDITURE REPORTS CONCERNING OFFICIAL FOREIGN TRAVEL

Reports concerning the foreign currencies and U.S. dollars utilized for Official Foreign Travel during the first quarter of 2019, pursuant to Public Law 95–384, are as follows:

REPORT OF EXPENDITURES FOR OFFICIAL FOREIGN TRAVEL, DELEGATION TO GERMANY AND BELGIUM, EXPENDED BETWEEN FEB. 15 AND FEB. 19, 2019

Name of Member or employee	Date		Country	Per diem ¹		Transportation		Other purposes		Total	
	Arrival	Departure		Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²
Hon. Nancy Pelosi	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Eliot Engel	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Adam Schiff	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Gregory Meeks	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Stephen Lynch	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Jackie Speier	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. William Keating	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Gerry Connolly	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Hon. Filemon Vela	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Brian Monahan	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Paul Irving	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Wyndee Parker	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Kate Knudson Wolters	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Emily Berret	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Henry Connelly	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Jason Steinbaum	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Tim Bergreen	2/15	2/17	Germany		1,216.73		(³)				1,216.73
Daniel Silverberg	2/15	2/18	Germany		1,313.73		2,018.83				3,332.56
Hon. Nancy Pelosi	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. Eliot Engel	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. Adam Schiff	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. Gregory Meeks	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. Stephen Lynch	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. Jackie Speier	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. William Keating	2/17	2/19	Belgium		792.95		(³)				792.95
Hon. Katie Hill	2/17	2/19	Belgium		792.95		(³)				792.95
Dr. Brian Monahan	2/17	2/19	Belgium		792.95		(³)				792.95
Paul Irving	2/17	2/19	Belgium		792.95		(³)				792.95
Wyndee Parker	2/17	2/19	Belgium		792.95		(³)				792.95
Emily Berret	2/17	2/19	Belgium		792.95		(³)				792.95
Henry Connelly	2/17	2/19	Belgium		792.95		(³)				792.95
Jason Steinbaum	2/17	2/19	Belgium		792.95		(³)				792.95
Tim Bergreen	2/17	2/19	Belgium		792.95		(³)				792.95
Committee total					33,892.39		2,018.83				35,911.22

¹ Per diem constitutes lodging and meals.

² If foreign currency is used, enter U.S. dollar equivalent; if U.S. currency is used, enter amount expended.

³ Military air transportation.

REPORT OF EXPENDITURES FOR OFFICIAL FOREIGN TRAVEL, COMMITTEE ON RULES, HOUSE OF REPRESENTATIVES, EXPENDED BETWEEN JAN. 1 AND MAR. 31, 2019

Name of Member or employee	Date		Country	Per diem ¹		Transportation		Other purposes		Total	
	Arrival	Departure		Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²
Hon. Donna Shalala	03/08	03/10	Colombia				822.60		474.00		1,296.60
Hon. James P. McGovern	03/28	03/31	Cuba		333.00		806.63		436.23		1,575.86
Don Sisson	03/28	03/31	Cuba		333.00		772.63		436.23		1,541.86
Committee total					666.00		2,401.86		1,346.46		4,414.32

¹ Per diem constitutes lodging and meals.² If foreign currency is used, enter U.S. dollar equivalent; if U.S. currency is used, enter amount expended.

HON. JAMES P. MCGOVERN, April 3, 2019.

REPORT OF EXPENDITURES FOR OFFICIAL FOREIGN TRAVEL, COMMITTEE ON SMALL BUSINESS, HOUSE OF REPRESENTATIVES, EXPENDED BETWEEN JAN. 1 AND MAR. 31, 2019

Name of Member or employee	Date		Country	Per diem ¹		Transportation		Other purposes		Total	
	Arrival	Departure		Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²	Foreign currency	U.S. dollar equivalent or U.S. currency ²

HOUSE COMMITTEES

Please Note: If there were no expenditures during the calendar quarter noted above, please check the box at right to so indicate and return. ☐¹ Per diem constitutes lodging and meals.² If foreign currency is used, enter U.S. dollar equivalent; if U.S. currency is used, enter amount expended.

HON. NYDIA M. VELÁZQUEZ, April 9, 2019.

EXECUTIVE COMMUNICATIONS, ETC.

Under clause 2 of rule XIV, executive communications were taken from the Speaker's table and referred as follows:

822. A letter from the Deputy Director, ODRM, Centers for Disease Control and Prevention, Department of Health and Human Services, transmitting the Department's final rule — Removal of Compliance Deadline for Closed-Circuit Escape Respirators and Clarification of Post-Approval Testing Standards for Closed-Circuit Escape Respirators [Docket No.: CDC-2018-0003; NIOSH-309] (RIN: 0920-AA66) [Docket No.: CDC-2018-0068; NIOSH-318] (RIN: 0920-AA67) received April 24, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Energy and Commerce.

823. A letter from the Attorney-Advisor, U.S. Coast Guard, Department of Homeland Security, transmitting the Department's temporary final rule — Safety Zone; Xterra Swim, Intracoastal Waterway; Myrtle Beach, SC [Docket No.: USCG-2019-0024] (RIN: 1625-AA00) received April 26, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Oversight and Reform.

824. A letter from the DAA for Regulatory Programs, NMFS, National Oceanic and Atmospheric Administration, transmitting the Administration's final rule — Taking and Importing Marine Mammals; Taking Marine Mammals Incidental to U.S. Navy Marine Structure Maintenance and Pile Replacement in Washington [Docket No.: 170919913-9271-02] (RIN: 0648-BH27) received April 26, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Natural Resources.

825. A letter from the Federal Register Liaison/Regulatory Specialist, Office of Natural Resources, Department of the Interior, transmitting the Department's final rule — Inflation Adjustments to Civil Monetary Penalty Rates for Calendar Year 2019 [Docket No.: ONRR-2017-0003; DS63644200 DRT000000.CH7000 190D113RT] (RIN: 1012-AA24) received April 26, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on the Judiciary.

826. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Depart-

ment's final rule — IFR Altitudes; Miscellaneous Amendments [Docket No.: 31246; Amdt. No.: 545] received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

827. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule— Airworthiness Directives; HPH s. r.o. Gliders [Docket No.: FAA-2019-0202; Product Identifier 2018-CE-050-AD; Amendment 39-19597; AD 2019-04-01] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

828. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Pilatus Aircraft Ltd. Airplanes [Docket No.: FAA-2019-0205; Product Identifier 2019-CE-001-AD; Amendment 39-19598; AD 2019-05-15] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

829. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Airbus SAS Airplanes [Docket No.: FAA-2018-0704; Product Identifier 2018-NM-066-AD; Amendment 39-19601; AD 2019-06-03] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

830. A letter from the Management and Programs Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; International Aero Engines Turbofan Engines [Docket No.: FAA-2018-0735; Product Identifier 2018-NE-26-AD; Amendment 39-19599; AD 2019-06-01] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

831. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Bombardier, Inc., Airplanes [Docket No.: FAA-2018-0634; Product Identifier 2018-

NM-050-AD; Amendment 39-19594; AD 2019-05-12] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

832. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Pratt & Whitney Division Turbofan Engines [Docket No.: FAA-2018-0924; Product Identifier 2018-NE-34-AD; Amendment 39-19600; AD 2019-06-02] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

833. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Airbus Helicopters Deutschland GmbH Helicopters [Docket No.: FAA-2017-1085; Product Identifier 2016-SW-094-AD; Amendment 39-19603; AD 2019-06-05] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

834. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Pacific Aerospace Limited Airplanes [Docket No.: FAA-2018-0895; Product Identifier 2018-CE-037-AD; Amendment 39-19609; AD 2019-06-11] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

835. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Airworthiness Directives; Vulcanair S.p.A. Airplanes [Docket No.: FAA-2019-0210; Product Identifier 2019-CE-004-AD; Amendment 39-19608; AD 2019-06-10] (RIN: 2120-AA64) received April 25, 2019, pursuant to 5 U.S.C. 801(a)(1)(A); Public Law 104-121, Sec. 251; (110 Stat. 868); to the Committee on Transportation and Infrastructure.

836. A letter from the Management and Program Analyst, FAA, Department of Transportation, transmitting the Department's final rule — Standard Instrument Approach Procedures, and Takeoff Minimums