Table S4. Fatty acid profiles (% of total) of homogenized whole eggs collected from three wild prairie-chicken populations: Attwater's (Tympanuchus cupido attwateri; Colorado and Goliad counties, Texas; n = 30), Nebraska greater (T. c. pinnatus; Rock County; n = 16), and Minnesota greater (Norman and Clay counties; n = 8) 2010–2014 compared with captive Attwater's prairie-chicken eggs from Fossil Rim Wildlife Center and the Houston Zoo, Inc. during 2010 (n = 4) and 2014 (n = 6) to assess cumulative changes in captive breeder diet. Data are from Table 3 supplemented with ranges, test statistics, and P-values.

Fatty acid	Group	Median	IQR[a]	*W*[b]	*P*[b]
14:0 Myristic	Wild	0.47	0.18		
	Captive 2010	0.52	0.08	141	0.32
	Captive 2014	0.48	0.06	158.5	0.94
15:0 Pentadecanoic	Wild	0.18	0.05		
	Captive 2010	0.12	0.01	39	0.03
	Captive 2014	0.00	0.00	21.5	<0.001
16:0 Palmitic	Wild	23.6	2.6		
	Captive 2010	27.3	1.2	190.5	0.01
	Captive 2014	25.7	1.4	218.5	0.17
16:1n-7 Palmitoleic	Wild	2.70	0.75		
	Captive 2010	3.28	0.82	154.5	0.16
	Captive 2014	2.92	0.33	181	0.65
17:0 Margaric	Wild	0.52	0.16		
	Captive 2010	0.24	0.09	13	0.004
	Captive 2014	0.24	0.03	12.5	<0.001
18:0 Stearic	Wild	9.20	1.08		
	Captive 2010	8.93	0.82	75	0.32
	Captive 2014	8.06	1.08	31	0.001
18:1n-7C Vaccenic	Wild	1.26	0.30		
	Captive 2010	1.58	0.15	182	0.02
	Captive 2014	1.59	0.09	274.5	0.006
18:1n-9C Oleic	Wild	27.30	4.58		
	Captive 2010	30.05	1.95	149	0.21
	Captive 2014	34.80	1.78	297.5	0.001
18:1n-9T Elaidic	Wild	0.11	0.13		
	Captive 2010	0.13	0.04	168.5	0.06
	Captive 2014	0.15	0.02	268	0.008
18:2n-6 Linoleic	Wild	14.65	3.18		
	Captive 2010	21.60	2.60	202	0.004
	Captive 2014	17.80	2.22	256.5	0.02
18:3n-3 Linolenic	Wild	13.85	5.68		
	Captive 2010	1.47	0.32	1	0.001
	Captive 2014	3.28	1.36	20	<0.001
20:1n-11 Eicosenoic	Wild	0.14	0.08		
	Captive 2010	0.20	0.03	185	0.02
	Captive 2014	0.23	0.05	278.5	0.004
20:3n-3 Eicosatrienoic	Wild	0.24	0.14		

	Captive 2010	0.00	0.00	16	0.005
	Captive 2014	0.00	0.00	24	0.001
20:3n-6 Homo-gamma-linolenic	Wild	0.11	0.12		
	Captive 2010	0.16	0.03	197.5	0.005
	Captive 2014	0.14	0.01	278	0.004
20:4n-6 Arachidonic	Wild	0.57	0.24		
	Captive 2010	0.97	0.13	201	0.004
	Captive 2014	0.93	0.22	296	0.001
20:5n-3 Eicosapentaenoic	Wild	0.40	0.16		
	Captive 2010	0.21	0.06	22.5	0.009
	Captive 2014	0.16	0.06	16	<0.001
22:5n-3 Docosapentaenoic	Wild	0.26	0.08		
	Captive 2010	0.17	0.09	31.5	0.02
	Captive 2014	0.16	0.08	58	0.01
22:6n-3 Docosahexaenoic	Wild	1.00	0.20		
	Captive 2010	1.44	0.06	215	0.001
	Captive 2014	1.26	0.19	285.5	0.002
Total fat (g/100 g)	Wild	13.6	1.9		
	Captive 2010	14.1	0.9	141.5	0.31
	Captive 2014	15.2	1.6	248.5	0.03
Monounsaturated fat (g/100 g)	Wild	4.1	0.8		
	Captive 2010	4.8	0.3	173.5	0.05
	Captive 2014	5.6	0.5	307.5	<0.001
Polyunsaturated fat (g/100 g)	Wild	4.1	1.2		
	Captive 2010	3.4	0.6	64.5	0.19
	Captive 2014	3.6	0.7	115	0.25
Total saturated fat (g/100 g)	Wild	4.6	0.7		
	Captive 2010	5.2	0.4	175	0.04
	Captive 2014	5.1	0.5	232	0.09
Total n-3	Wild	15.6	6.2		
	Captive 2010	3.3	0.3	3	0.001
	Captive 2014	4.8	1.1	22	<0.001
Total n-6	Wild	15.6	3.4		
	Captive 2010	23.1	2.3	205	0.003
	Captive 2014	19.1	2.3	269	0.009
n6:n-3	Wild	1.0	0.5		
	Captive 2010	6.7	0.8	216	<0.001
	Captive 2014	3.6	0.9	310	<0.001

[a]Interquartile range

[b]Wilcoxon test (2-tailed) of stochastic dominance of Wild vs. each Captive group.