



Vic Skeptics February 2014 Crossword

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THEME: CHARLES DARWIN

Suggested references:

<http://darwinday.org/learn-more/about-darwins-life/>

http://en.wikipedia.org/wiki/Charles_Darwin's_education

http://www.pbs.org/wgbh/evolution/library/02/2/l_022_09.html

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"STRAIGHT" CLUES

ACROSS:

1. & 6 Across: Process elucidated by Darwin; useful heritable traits pass to succeeding generations, replacing less useful traits (two words, [7], [9])
6. See 1 Across
10. Small suitcase [6]
13. Adjustment to extant conditions [10]
14. Trick [4]
15. Woman admired for courage, outstanding achievements or noble qualities. [7]
16. Darwin's birthplace [10]
18. English cleric whose theories of population changed greatly influenced Darwin [7]
19. Belief system [5]
- 21 & 23 Across: Darwin's later home and workplace (Two words, [4], [5])
23. See 21 Across
25. Stared impertinently [5]
30. Demoted planet [5]
31. Lizard seen by Darwin in the Galapagos Islands in distinct land and marine species [6]
32. Without sensation [4]
34. _ _ _ _ _ Darwin, grandfather to Charles and noted natural philosopher, physiologist and slave-trade abolitionist [7]
36. Either arctic whale species or species of salmon from which caviar is harvested [6]
37. Hooded venomous snake [5]
39. Bowl-shaped container usually with handle [3]
41. Great Delight [4]
43. Captain of 33 Down [7]
44. Roman javelins [4]
46. Tendon [5]

47. Darwin's _ _ _ _ _ ; about fifteen species of bird native to the Galapagos Islands, varying markedly in beak size and shape but otherwise similar [7]

51. Tailless primates [4]

52. Force [5]

54. Donkey [3]

56. Early evolutionist who invented the word "biology". He thought that characteristics an organism develops during its lifetime in response to its environment could be inherited by its offspring [7]

58. Assist [3]

60 & 61 Across: Irish cleric who put the date of Earth's creation at 4004 BC (Two words: [6], [6])

61. See 60 Across

64. Easily frightened [5]

65. Sphere [3]

66 & 67 Across: Darwin's cousin, whom he married (Two words, [4], [8])

67. See 66 Across

69, 70 Across & 71 Across: Charles Darwin's Birthday (Three words, [7], [2], [8])

70. See 69 Across

71. See 69 Across

DOWN:

1. Sodium's symbol [2]

2. How unfortunate [4]

3. Rise and fall of sea levels caused by the combined effects of the gravitational forces exerted by the Moon and the Sun and the rotation of the Earth. [5]

4. "The States" [3]

5. Account, review, record [6]

7. Gradual process in which something changes into a different and usually more complex or better form [9]

8. Tertiarily [7]

9. Stupid or clumsy [6]

10. To be different; to deviate [4]

11. Motionlessness [6]

12. Venomous two-winged African fly [6]

15. Songs directed to a deity [5]

17 & 38 Down & 46 Down: **On the** _ _ _ _ _ _ _ _ _ _

, published in November 1859 by Charles Darwin is considered to be the foundation of evolutionary biology (Three words, [6], [2], [6])

20. Uneven [3]

22. Alfred Russell _ _ _ _ _ _ _ was a naturalist whose similar views on evolution prompted Darwin to publish his theory [7]

24. University where Darwin failed to earn a medical degree [9]

26. Tree [3]

27. Remnant, as of a limb or tree [5]

28. "Darwin's Bulldog" [6]

29. Island group whose fauna greatly influenced Darwin's thinking [9]

33. British survey ship on which Darwin undertook a five year voyage of discovery [6]

35. Raw beef or mutton fat [4]

38. See 17 Down

40. Knock unconscious [4]

42. System of rules to regulate the behaviour of a country's citizens [3]

43. Small military flute [4]

44. Covered pastry [3]

45. Intuitive, perceptive, discerning [10]

46. See 17 Down

48. Unwell [3]

49. University where Darwin failed to earn a degree in divinity [9]

50. Make a mistake [3]

53. Bill of fare [4]

- 54. With hands on the hips and elbows turned outwards [6]
- 55. Wise [7]
- 57. Middle-Eastern capital [5]
- 59. Roman Five hundred and one [2]
- 62. Busby or Bearskin headgear [5]
- 63. Raptor [4]
- 64. Tall structure primarily used for observation or communication [5]
- 68. Beetle [3]

CRYPTIC CLUES

ACROSS:

- 1. & 6 Across: A choice of positive integers would be evolutionary (two words, [7], [9])
- 6. See 1 Across
- 10. Is included in death notice to make a case [6]
- 13. Aida not apt but can be a make do [10]
- 14. User changed! It's a trick [4]
- 15. Woman is outstanding but sounds like a dope [7]
- 16. Nagging women enter a place for Charles to call home [10]
- 18. Population thinker develops the halt sum [7]
- 19. Carbon work again is a matter of belief [5]
- 21 & 23 Across: Done us how for Darwin address (Two words, [4], [5])
- 23. See 21 Across
- 25. Looks of canine short of 500 with LV light can cause offence [5]
- 30. Demoted underworld boss [5]
- 31. Reptile, rings up annual, takes evens [6]
- 32. Integer without Queen lacks feeling [4]
- 34. Masseur does a twist for a Dutch humanist [7]
- 36. Fishy? Could be mutated ale bug [6]
- 37. Army chief gets support but is reptilian [5]
- 39. Copper and phosphorous vessel [3]

- 41. Gravity on side away from weather brings joy [4]
- 43. Beagle's lions connection [7]
- 44. Roman weapons could make one kick the bucket [4]
- 46. Silicon novel anatomical structure [5]
- 47. Force x Imperial units is for the birds [7]
- 51. Removing the King from the bunch makes monkeys of them [4]
- 52. Sprite with energy has 50 to force [5]
- 54. Beastly American butt [3]
- 56. Ma Clark changes biologist [7]
- 58. Stated without sulphur to assist [3]
- 60 & 61 Across: Sounds like clerical guide setting year zero (Two

words: [6], [6])

61. See 60 Across

64. Putting titanium to the centre would make it shy [5]

65. Globe for brother taken aback [3]

66 & 67 Across: Member of potty family for Charles (Two words, [4], [8])

67. See 66 Across

69, 70 Across & 71 Across: Abe felt Ruff worthy to make anniversary CD (Three words, [7], [2], [8])

70. See 69 Across

71. See 69 Across

DOWN:

- 1. Title without me, elementary [2]
- 2. Expression of sadness from local assizes [4]
- 3. Time on the 15th of March for sea changes [5]
- 4. Unseat with net reduction for land of free [3]
- 5. Engineer left record [6]
- 7. Vote Lou in. It can be a gradual process [9]
- 8. Two ahead of modified dry hilt [7]
- 9. Honour piscines stupid [6]
- 10. Take nothing from egg producer to change [4]
- 11. Holy man in existing condition does not move [6]

12. Fly by twin set adjustment [6]
15. Merchant Navy in internet have your say, praise the Lord [5]
- 17 & 38 Down & 46 Down: Source of lowest taxonomic ranks (Three words, [6], [2], [6])
20. Over dimensional 500 – a bit strange [3]
22. Gromit's mate a literary urger [7]
24. Move behind rug in Scotland [9]
26. Wood used in panel marker [3]
27. Saint joins referee to set up cricket gear [5]
28. Army helicopter x grazing land = CD fan [6]
29. Gallium circuit with silver (large) for place of assorted fauna [9]
33. 2nd grade raptor is nothing but a hound dog [6]
35. Take action against time to get fat [4]
38. See 17 Down
40. Sulphur with 252 gallons is a knock out [4]
42. Enforceable rules sound like collective wisdom [3]
43. Scottish council area for high pitched music [4]
44. Add energy to mathematical ratio to make a dish [3]
45. Fashionable view of Sudanese dish is discerning [10]
46. See 17 Down
48. The Italian sounds crook [3]
49. Shaft projection span for seat of learning [9]
50. Queen Romeo is a mistake [3]
53. Single sex university explains what to eat [4]
54. Imbako made a stance [6]
55. Engineers' trench that is Australian territory – very wise [7]
57. Put air into carbon monoxide – Capital! [5]
59. Reverse instinctual drive for short princess [2]
62. Oh, ask about headgear [5]
63. Bird sale offer [4]
64. Tug [5]
68. Insect of gold? [3]

SOLUTION

	N	A	T	U	R	A	L		S	E	L	E	C	T	I	O	N			
V	A	L	I	S	E			S		V				H		A		T		
A		A	D	A	P	T	A	T	I	O	N			I		F		S		
R	U	S	E		O			A		L			H	E	R	O	I	N	E	
Y			S	H	R	E	W	S	B	U	R	Y		D		S		T		
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C	O	B	R	A		C	U	P		S				U		E			P	
	F			G	L	E	E		F	I	T	Z	R	O	Y				A	
		P	I	L	A		T		I		U		G						G	
	S	I	N	E	W				F	I	N	C	H	E	S				O	
A	P	E	S			I	M	P	E	L		A		R		A	S	S		
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B	I	S	H	O	P			U	S	S	H	E	R			T	I	M	I	D
	E		T		I			H		A		I			O	R	B			
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T	W	E	L	F	T	H			O	F			F	E	B	R	U	A	R	Y