

## Hydrogen as the Only Element

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**Abstract:** The single element theory by Prof. Gabriel Oyibo that states that “Hydrogen is the only element; other elements are compounds of Hydrogen” has been a very controversial issue. Though no real proof exists, speculations thus exists.

This paper brings to light how hydrogen isotopes could be fused together in Nucleosynthesis to give every other element in the periodic table.

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### I. Introduction

In 2003, Oyibo (2003) came up with a theory that states that Hydrogen is the only Element. He claimed that Hydrogen is the only element and hence the only building block of matter (Oyibo, 2004). He claimed that God formed all other elements by fusing hydrogen atoms together (Oyibo, 2003). However no real evidence exists to support this belief, only mere speculations supports this claim. During the process of this research, a theoretical experiment on how it could have been was carried out. The experiment involved the adding of hydrogen isotopes together to give all other elements of the periodic table.

This paper brings to light how hydrogen atoms could be fused together to form every other element in Nucleosynthesis.

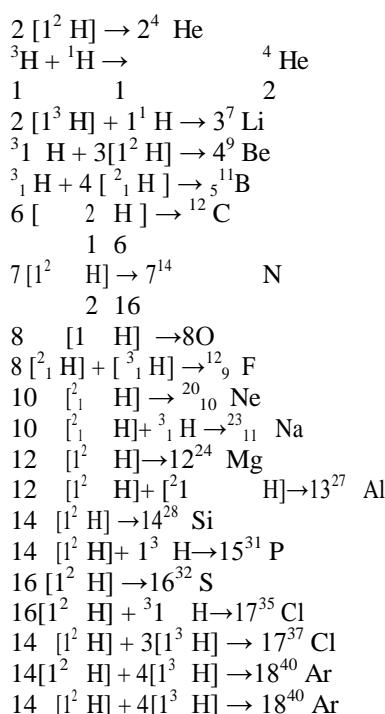
### II. Hydrogen

Hydrogen is the least of all the elements in the period table and it is said to be the basic building block of the periodic table. Hydrogen has 3 isotopes: Protium, also called hydrogen (has an atomic number of 1 and a mass number of 1), Deuterium

${}^2_1\text{H}$  also called heavy hydrogen (has an atomic number of 1 and a mass number of 2) and tritium  ${}^3_1\text{H}$  which has an atomic number of 1 and a mass number of 3 (Ababio, 1990).

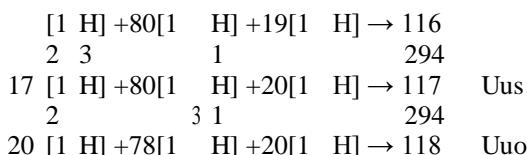
### III. Results

Different proportions of hydrogen isotopes when added together mathematically and the results are presented below:



18[1 <sup>2</sup> H] + 1 <sup>3</sup> H → 19 <sup>39</sup> K				
20[1 <sup>2</sup> H] → 20 <sup>40</sup> Ca				
18[1 <sup>2</sup> H] + 3[1 <sup>3</sup> H] → 21 <sup>45</sup> Sc				
18 [1 <sup>2</sup> H]+4[1 <sup>3</sup> H] → 22 <sup>48</sup> Ti				
18 [1 <sup>2</sup> H] + 5[1 <sup>3</sup> H] → 23 <sup>51</sup> V				
<sup>1</sup> H+18[1 <sup>2</sup> H] + 5[1 <sup>3</sup> H] → <sup>24</sup> 52Cr				
<sup>1</sup> H+18 [1 <sup>2</sup> H] + 6[1 <sup>3</sup> H] → 55 Mn				
1 1 1 25				
18[1 <sup>2</sup> H] + 6[1 <sup>3</sup> H] + 2[1 <sup>1</sup> H] → 26 <sup>56</sup> Fe				
18[1 <sup>2</sup> H] + 7[1 <sup>3</sup> H] + 2 [1 <sup>1</sup> H] → 27 <sup>59</sup> Co				
25[1 <sup>2</sup> H] + 3[1 <sup>3</sup> H] → 28 <sup>59</sup> Ni				
2 3 1 64				
19 [1 H] + 8[1 H] + 2 [1 H] → 29 Cu				
19 [1 <sup>2</sup> H] + 8 [1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → <sup>65</sup> 30 Zn				
19 [1 <sup>2</sup> H] + 10[1 <sup>3</sup> H] + 2[1 <sup>1</sup> H] → <sup>70</sup> 31 Ga				
19 [1 <sup>2</sup> H] + 11 [1 <sup>3</sup> H] + 2[1 <sup>1</sup> H] → <sup>32</sup> 73 Ga				
20 [1 <sup>2</sup> H] + 11 [1 <sup>3</sup> H] + 2[1 <sup>1</sup> H] → <sup>75</sup> 33 As				
19 [1 <sup>2</sup> H] + 13[1 <sup>3</sup> H] + 2[1 <sup>1</sup> H] → 34 <sup>79</sup> Se				
19[1 <sup>2</sup> H] + 13[1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → <sup>80</sup> 35 Br				
20 [1 <sup>2</sup> H] + 14 [1 <sup>1</sup> H] → <sup>84</sup> 36 Kr				
21[1 <sup>2</sup> H] + 14 [1 <sup>3</sup> H]+2[1 <sup>1</sup> H] → <sup>86</sup> 37 Rb				
22 [1 <sup>2</sup> H] + 14[1 <sup>3</sup> H] + 2[1 <sup>1</sup> H] → <sup>38</sup> 88 Sr				
22 [1 <sup>2</sup> H] + 14 [1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → 39 <sup>81</sup> Y				
23 [1 <sup>2</sup> H] + 14 [1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → 40 <sup>91</sup> Zr				
24 [1 <sup>2</sup> H] +14[1 <sup>3</sup> H]+3[1 <sup>1</sup> H] → 41 <sup>93</sup> Nb				
24[1 <sup>2</sup> H] + 15[1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → 42 <sup>96</sup> Mo				
24 [1 <sup>3</sup> H] + 16[1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → 43 <sup>98</sup> Tc				
25 [1 <sup>2</sup> H] +16[1 <sup>3</sup> H] → 44 <sup>101</sup> Ru				
2 3 1 103				
26 [1 H] + 16[1 H] + 3[1 H] → 45 Rh				
25 [1 <sup>2</sup> H] + 18[1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → <sup>107</sup> 46 Pd				
25 [1 <sup>2</sup> H] + 18[1 <sup>3</sup> H] + 4[1 <sup>1</sup> H] → <sup>108</sup> 47 As				
25 [1 <sup>2</sup> H] + 20[2 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → <sup>113</sup> 48 Cd				
26 [1 <sup>2</sup> H] + 20[1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → <sup>115</sup> 49 In				
2 3 1 119				
25 [1 H] +22[1 H] + 3[1 H] → 50 Sn				
25 [1 <sup>2</sup> H] + 23[1 <sup>3</sup> H] + [31 <sup>1</sup> H] → <sup>122</sup> 51 Sb				
22 [1 <sup>2</sup> H] + 27[2 <sup>3</sup> H] + [31 <sup>1</sup> H] → <sup>128</sup> 52 Te				
26 [1 <sup>2</sup> H] + 24[1 <sup>3</sup> H] + 3[1 <sup>1</sup> H] → <sup>127</sup> 53 I				
23 [1 <sup>1</sup> H] + 27[1 <sup>3</sup> H] + 4[1 <sup>1</sup> H] → <sup>131</sup> 54 Xe				
24 [1 <sup>2</sup> H] + 27[1 <sup>3</sup> H] + 4[1 <sup>1</sup> H] → <sup>133</sup> 55 Cs				
23 [1 <sup>2</sup> H] + 29[1 <sup>3</sup> H] + 4[1 <sup>1</sup> H] → <sup>137</sup> 56 Ba				
24 [1 <sup>2</sup> H] + 29[1 <sup>3</sup> H] + 4[1 <sup>1</sup> H] → <sup>139</sup> 57 La				
24 [1 <sup>2</sup> H] + 29[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H] → <sup>140</sup> 58 Ce				
24 [1 <sup>2</sup> H] + 29[1 <sup>3</sup> H] + 6[1 <sup>1</sup> H] → <sup>141</sup> 59 Pr				
24 [1 <sup>2</sup> H] + 30[1 <sup>3</sup> H] + 6[1 <sup>1</sup> H] → <sup>144</sup> 60 Nd				
24 [1 <sup>2</sup> H] + 30[1 <sup>3</sup> H] + 7[1 <sup>1</sup> H] → <sup>145</sup> 61 Pm				
25 [1 <sup>2</sup> H] + 32[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H] → <sup>151</sup> 62 Sm				
25 [1 <sup>2</sup> H] +32[1 <sup>3</sup> H] + 6[1 <sup>1</sup> H] → <sup>152</sup> 63Eu				
2 3 1 157				
25 [1 H] + 34[1 H] + 5[1 H] → 64 Gd				
26 [1 <sup>2</sup> H] + 34[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H] → <sup>159</sup> 65 Ts				
25 [1 <sup>2</sup> H] + 36[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H] → <sup>163</sup> 66Dy				
26 [1 <sup>2</sup> H] + 36[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H] → <sup>165</sup> 67 Ho				
27 [1 <sup>2</sup> H] + 36[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H] → <sup>165</sup> 68 Eu				
2 3 1 169				
28 [1 H + 36[1 H] +5[1 H] → 59 Tm				
27 [1 <sup>2</sup> H] + 38[1 <sup>3</sup> H]+ 5[1 <sup>1</sup> H] → 70 <sup>173</sup> Yb				
28 2 3 1 175				

	[1 H] + 38[1 H] + 5[1 H]	→ 71 Lu
27	[1 <sup>2</sup> H] + 40 [1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>179</sup> 75 Hf
28	[1 <sup>2</sup> H] + 40 [1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>181</sup> 73 Ta
28	[1 <sup>2</sup> H]+ 41[1 <sup>3</sup> H] +5[1 <sup>1</sup> H]	→ 74 <sup>184</sup> W
29	[1 <sup>2</sup> H] + 41[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ 75 <sup>186</sup> Re
28	[1 <sup>2</sup> H] + 43[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ 76 <sup>190</sup> Os
29	[1 <sup>2</sup> H] + 43 [1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>192</sup> 77 Ir
29	[1 <sup>2</sup> H] + 44 [1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>195</sup> 78 Pt
30	[1 <sup>2</sup> H] + 44[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>197</sup> 79 Au
29	[1 <sup>2</sup> H] + 46[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>201</sup> 80 Hg
29	[1 <sup>2</sup> H] + 47[2 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>204</sup> 81 Tl
2 2 2	3 3 3	1 207 222
29	[1 H] + 48[1 H] + 5[1 H]	→ 82 Pb
30	[1 <sup>2</sup> H] + 48[1 <sup>3</sup> H] + 5[1 <sup>1</sup> H]	→ <sup>209</sup> 83 Bi
30	[1 <sup>2</sup> H] + 48[1 <sup>3</sup> H] + 6[1 <sup>1</sup> H]	→ <sup>210</sup> 34 Ps
29	[1 <sup>2</sup> H] + 48[1 <sup>3</sup> H] + 8[1 <sup>1</sup> H]	→ <sup>210</sup> 83 At
2 2 2	3 3 3	1 231 238
22	[1 H] + 57[1 H] +7[1 H]	→ 86 Rn
22	[1 <sup>2</sup> H] + 57[1 <sup>3</sup> H] + 8[1 <sup>1</sup> H]	→ <sup>223</sup> 87 Fr
22	[1 <sup>2</sup> H] + 58[1 <sup>3</sup> H] + 8[1 <sup>1</sup> H]	→ <sup>226</sup> 88 Ra
22	[1 <sup>2</sup> H] + 58[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>227</sup> 89 Ac
22	[1 <sup>2</sup> H] + 60[1 <sup>3</sup> H] + 8[1 <sup>1</sup> H]	→ <sup>232</sup> 90 Th
2 2 2	3 3 3	1 231 238
24	[1 H] + 58[1 H] + 9[1 H]	→ 91 Pa
1 1 1	3 3 3	1 238 238
22	[1 H] + 62[1 H] + 8[1 H]	→ 92 U
24	[1 <sup>2</sup> H] + 60[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>237</sup> 93 Np
22	[1 <sup>2</sup> H] + 64[1 <sup>3</sup> H] + 8[1 <sup>1</sup> H]	→ <sup>244</sup> 94 Pu
24	[1 <sup>2</sup> H] + 62[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>243</sup> 95 Am
23	[1 <sup>2</sup> H] + 64[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>247</sup> 96 Cm.
22	[1 <sup>2</sup> H] + 64[1 <sup>3</sup> H] + 11[1 <sup>1</sup> H]	→ <sup>247</sup> 97 Bk
25	[1 <sup>2</sup> H] + 64[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>251</sup> 98 Cf
25	[1 <sup>2</sup> H] + 65[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>254</sup> 99 Es
25	[1 <sup>2</sup> H] + 66[1 <sup>3</sup> H] + 9[1 <sup>1</sup> H]	→ <sup>100</sup> <sup>257</sup> Fm
25	[1 <sup>2</sup> H] + 66[1 <sup>3</sup> H] + 10[1 <sup>1</sup> H]	→ <sup>101</sup> <sup>258</sup> Md
25	[1 <sup>2</sup> H] + 66[1 <sup>3</sup> H] +11 [1 <sup>1</sup> H]	→ <sup>259</sup> 102 No
25	[1 <sup>2</sup> H]+ 67[1 <sup>3</sup> H]+11[1 <sup>1</sup> H]	→ 103 <sup>262</sup> Lr
1 2 3	1 3 3	1 268 268
3	[1 H] + 80 [1 H] + 22 [1 H]	→ 105 Db
5 2 2	[1 <sup>2</sup> H] + 80[1 <sup>3</sup> H] + 21 [1 <sup>1</sup> H]	→ 106 <sup>271</sup> Sg 270
3	[1 H] + 80 [1 H] + 24 [1 H]	→ 107 Bh
9	[1 <sup>2</sup> H] + 80[1 <sup>3</sup> H] +19 [1 <sup>1</sup> H]	→ 108 <sup>277</sup> Hs
2 7 22	3 1 2 1	1 276 281
11	[1 H]+ 80[1 H]+ 19[1 H]	→ 110 Ds
2 2	3 1	280
9	[1 H]+ 80[1 H]+22[1 H]	→ 111 Rg
13	[1 <sup>2</sup> H] + 80[1 <sup>3</sup> H] + 19[1 <sup>1</sup> H]	→ 112 <sup>285</sup> Cn
2 11 2 2	3 1 1 3 1	284 289
15	[1 H]+80[1 H] + 19[1 H]	→ 114 Fl
17 17 2	2 3 3 1	288 293
17	[1 H] +78[1 H] +20[1 H]	→ 115 Uup
2 3	1	Lv



Equations for 118 elements (Husted, 2003)

#### **IV. Conclusion**

From the mathematical combination the proof of how hydrogen could be the only element is clearly seen.

#### **Acknowledgment**

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