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Study on Bacteriology of Ear Infection among School Children and the Susceptibility of Isolates to Antimicrobials

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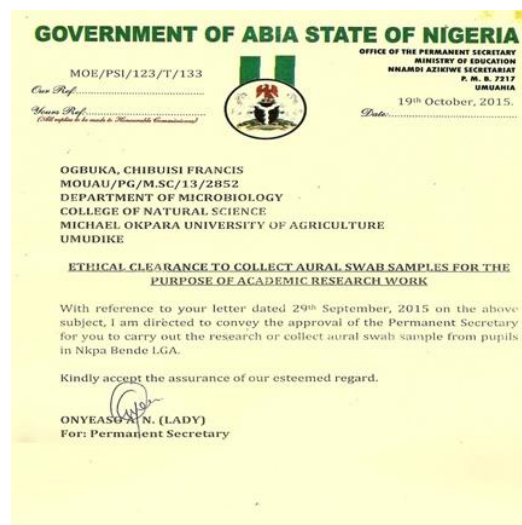
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Supplementary data

Supplementary Table 1: Statistics on age distribution of samples collected.

Age (Years) (X)	Male	Female	Total samples (F)	Mid X	FX	F (X- μ) ²
3-Feb	22	26	48	2.5	120	48 x 21.16=1015.68
7-Apr	34	31	65	5.5	357.5	65 x 2.56=166.40
11-Aug	36	24	60	9.5	570	60 x 5.76=345.60
15-Dec	16	11	27	13.5	365.5	27 x 40.96=1105.92
Total	108	92	200		1412	2633.6

Mean age = $\sum FX / \sum F = 1412/200 = 7.06 = 7.1 \pm 3.6$
Standard deviation = $\sqrt{\sum F(X - \mu)^2 / F} = \sqrt{2633.60/200} = 3.6$



Supplementary Figure 1: An approved ethical clearance.



Supplementary Figure 2: DNA labs kaduna acceptance letter for bench work.



Plate 1: *Cleome viscosa* leaves



Plate 2: *Chromolaena odorata* leaves



Plate 3: *Jatropha curcas* plant



Plate 4: *Sansevieria trifasciata* plant

Supplementary Figure 3: Plant leaves used for extraction.