

Appendix A: Search strategy used during literature review on waterborne parasitic diseases in eastern Africa.

<p>(a) Database: PubMed</p> <p>(b) Date of search: 25th March 2020.</p> <p>(c) Limits: 1st January 1941 to 31st December 2019</p>	
<p>(d) Regional level search terms:</p> <p>Medical Subject Headings (MeSH) of the following terms and their entry terms (shown in bullets):</p> <p><u>Waterborne Diseases</u></p> <ul style="list-style-type: none"> • Disease, Waterborne • Diseases, Waterborne • Waterborne Disease • Water-related Diseases • Disease, Water-related • Diseases, Water-related • Water related Diseases • Water-related Disease <p><u>Parasitology [Subheading]</u></p> <ul style="list-style-type: none"> • protozoology • protozoa • helminthology 	<p>(e) Search 1 - Regional level</p> <ol style="list-style-type: none"> 1) <u>Waterborne Diseases</u> [MeSH] (2205 items) 2) Disease, Waterborne (3228 items) 3) Diseases, Waterborne (2205 items) 4) Waterborne Disease (3228 items) 5) Water-related Diseases (9212 items) 6) Disease, Water-related (11507 items) 7) Diseases, Water-related (9212 items) 8) Water-related Disease (11507 items) 9) <u>Parasitology</u> [MeSH] (222421 items) 10) Protozoology (222939 items) 11) Protozoa (230542 items) 12) Helminthology (222682 items) 13) Parasites (258933 items) 14) <u>Africa, Eastern</u> [MeSH] (68227 items) 15) East Africa (79005 items) 16) Eastern Africa (68227 items) 17) British Indian Ocean Territory (68238 items) 18) <u>Prevalence</u> [MeSH] (2703772 items) 19) Prevalences (694815 items)

<ul style="list-style-type: none"> • parasites 	<p>20) <u>Incidence</u> [MeSH] (2868467 items)</p> <p>21) Incidences (851690 items)</p>
<p><u>Africa, Eastern</u></p>	<p>22) <u>Morbidity</u> [MeSH] (2714314 items)</p>
<ul style="list-style-type: none"> • East Africa 	<p>23) Morbidities (883070 items)</p>
<ul style="list-style-type: none"> • Eastern Africa 	<p>24) 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 (16615 items)</p>
<ul style="list-style-type: none"> • British Indian Ocean Territory 	<p>25) 9 OR 10 OR 11 OR 12 OR 13 (266652 items)</p>
	<p>26) 14 OR 15 OR 16 OR 17 (79014 items)</p>
	<p>27) 18 OR 19 OR 20 OR 21 OR 22 OR 23.(3370880 items)</p>
<p><u>Prevalence</u></p>	<p>28) 24 AND 25 AND 26 AND 27 (54 items)</p>
<ul style="list-style-type: none"> • Prevalences 	<p>With filters below (46 items)</p>
<p><u>Incidence</u></p>	<p>Filters:</p>
<ul style="list-style-type: none"> • Incidences 	<p>Article types:</p>
	<ul style="list-style-type: none"> • Clinical Study
	<ul style="list-style-type: none"> • Clinical Trial
<p><u>Morbidity</u></p>	<ul style="list-style-type: none"> • Review
<ul style="list-style-type: none"> • Morbidities 	<ul style="list-style-type: none"> • Systematic Reviews
	<p>Publication date:</p>
	<p>January 1, 1941. The first country (Ethiopia) got independence May</p>
	<p>5, 1941.</p>
	<p><i>Overall regional level model (step 28) in details</i></p>
	<p>((((((((((((Waterborne Diseases) OR Disease, Waterborne) OR</p>
	<p>Diseases, Waterborne) OR Waterborne Disease) OR Water-related</p>
	<p>Diseases) OR Disease, Water-related) OR Diseases, Water-related)</p>

<p><u>Kenya</u> [MeSH]</p> <ul style="list-style-type: none"> • Republic of Kenya <p><u>Tanzania</u> [MeSH]</p> <ul style="list-style-type: none"> • United Republic of Tanzania • Zanzibar • Tanganyika <p><u>Rwanda</u> [MeSH]</p> <ul style="list-style-type: none"> • Republic of Rwanda • Ruanda <p><u>Burundi</u> [MeSH]</p> <ul style="list-style-type: none"> • Urundi • Republic of Burundi <p><u>Madagascar</u> [MeSH]</p> <ul style="list-style-type: none"> • Malagasy Republic <p><u>Comoros</u> [MeSH]</p> <ul style="list-style-type: none"> • Iles Comores • Comoro Islands • Mayotte <p><u>Mauritius</u> [MeSH]</p> <ul style="list-style-type: none"> • Agalega Islands <p><u>Seychelles</u> [MeSH]</p>	<p>(((((Parasitology) OR protozoology) OR protozoa) OR helminthology) OR parasites)))= 44 items</p> <p>(h) After removal of overlaps [merging (e) with (g)] = 52 items</p> <p>(i) After removal of ineligible articles [from (h)] = 16 items</p> <p>(j) Articles searched from reference lists of the 16 articles = 10 items</p> <p>Thus a total of 26 articles were reviewed.</p>
--	--

