

**Table 1.** Infection rate of sparganum in wild frogs in the 18 cities and counties on Hainan Island

Place	Number examined	Number positive	Infection rate (%)	Number of sparganums	Infection intensity	Range
Haikou	124	14	11.29	31	2.21	1–4
Wenchang	97	14	14.43	48	3.43	1–7
Qionghai	83	0	0	0	0	0
Wanning	63	7	11.11	29	4.14	1–6
Lingshui	75	13	17.33	30	2.31	1–3
Sanya	94	9	9.57	28	3.11	2–6
Ding'an	131	36	27.48	62	1.72	1–8
Tunchang	60	4	6.67	13	3.25	2–4
Qiongzong	103	16	15.53	69	4.31	1–12
Wuzhishan	118	20	16.95	97	4.85	1–22
Baoting	82	27	32.93	73	2.70	1–16
Baisha	64	6	9.38	27	4.50	1–9
Chengmai	102	13	12.75	28	2.15	1–5
Lin'gao	71	4	5.63	11	2.75	1–4
Danzhou	149	10	6.71	39	3.90	2–4
Ledong	51	6	11.76	19	3.17	1–4
Dongfang	43	0	0	0	0	0
Changjiang	46	2	4.35	8	4.00	3–5
<b>Total</b>	1556	201	12.92	612	3.04	1–22

**Table 2. Infection incidence in three geological areas on Hainan Island**

<b>Region</b>	<b>Number examined</b>	<b>Number positive</b>	<b>Infection rate (%)</b>	<b>Number of sparganum</b>	<b>Infection intensity</b>	<b>Range</b>
<b>Eastern coastal</b>	536	57	10.63	166	2.91	1–7
<b>Midland</b>	558	109	19.53	341	3.13	1–22
<b>Western coastal</b>	462	35	7.58	105	3.00	1–5
<b>Total</b>	1556	201	12.92	612	3.04	1–22

**Table 3.** Species of frogs collected on Hainan Island

<b>Frog species</b>	<b>Number examined</b>	<b>Number positive</b>	<b>Infection rate (%)</b>	<b>Number of sparganum</b>	<b>Infection intensity</b>	<b>Range</b>
<i>Rana plancyi</i>	618	90	14.56	268	2.98	1–12
<i>Rana tigrina</i>	891	105	11.78	323	3.08	1–22
<b>Other species</b>	47	6	12.77	21	3.50	1–5
<b>Total</b>	1556	201	12.92	612	3.04	1–22

**Table 4.** Incidence of sparganum infection in frogs of different weight on Hainan Island

<b>Frog weight</b>	<b>Number examined</b>	<b>Number positive</b>	<b>Infection rate (%)</b>	<b>Number of sparganum</b>	<b>Infection intensity</b>	<b>Range</b>
<30g	326	46	14.11	112	2.43	1–12
30~60g	439	62	14.12	139	2.24	1–8
60~90g	613	70	11.42	264	3.77	1–22
>90g	178	23	12.92	97	4.22	1–9
<b>Total</b>	1556	201	12.92	612	3.04	1–22

**Table 5.** Difference in parasitic location in the frogs

<b>Location of infection</b>	<b>Number positive</b>	<b>Infection rate (%)</b>	<b>Number of sparganum</b>	<b>Infection intensity</b>	<b>Range</b>
<b>Foreleg</b>	28	13.93	42	1.50	1–3
<b>Hindleg</b>	145	72.14	447	3.08	1–11
<b>Backside</b>	42	20.89	79	1.88	1–4
<b>Abdomen</b>	21	10.45	36	1.71	1–3
<b>Coelomic</b>	7	3.48	8	1.14	1–2