



HOKKAIDO UNIVERSITY

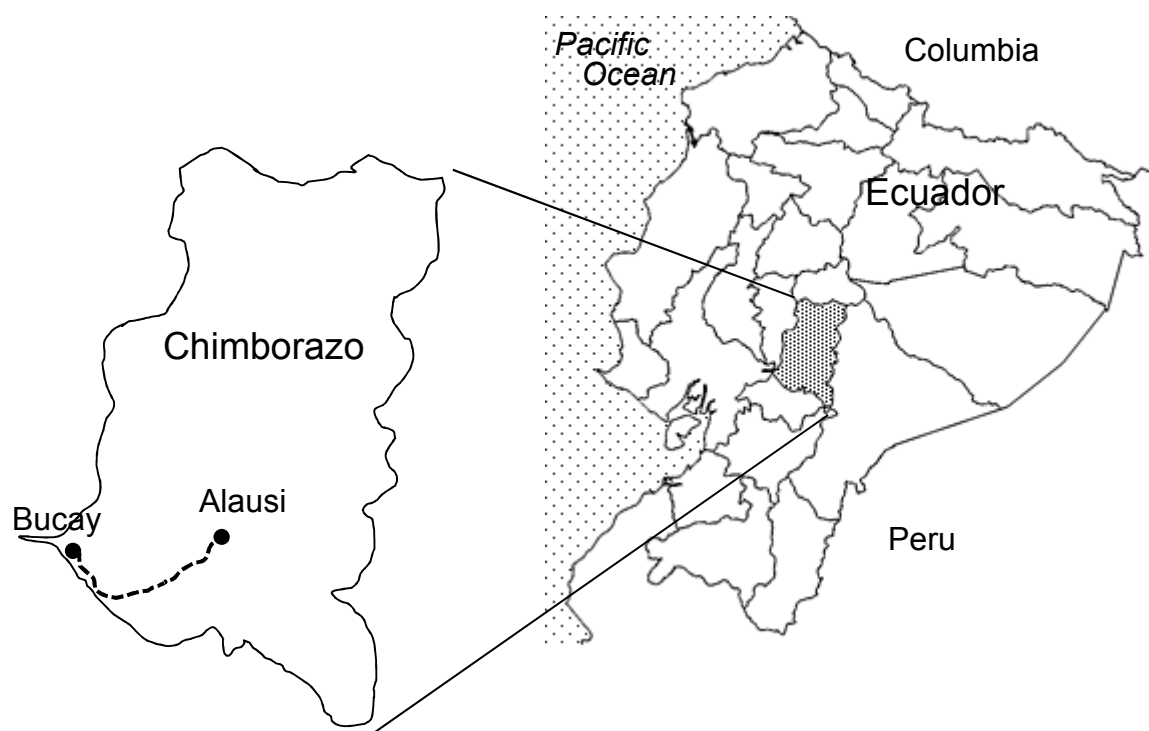
Title	Distribution of <i>Lutzomyia ayacuchensis</i> , the vector of Andean-type cutaneous leishmaniasis, at different altitudes on the Andean slope of Ecuador
Author(s)	Gomez, Eduardo A.; Kato, Hiroto; Mimori, Tatsuyuki et al.
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Table 1. Vertical distribution of *Lutzomyia* species captured by human landing collection at Andean slope areas where leishmaniasis is endemic

Locality	Altitude (m)	<i>Lutzomyia</i> species	No. captured	No. infected (%)
Alausi	2,300	<i>Lu. ayacuchensis</i>	187	4 (2.1%)
Chanchan	1,500	<i>Lu. ayacuchensis</i>	358	9 (2.5%)
		<i>Lu. maranonensis</i>	3	0
		<i>Lu. robusta</i>	3	0
Huigra	1,200	<i>Lu. ayacuchensis</i>	348	0
		<i>Lu. maranonensis</i>	16	0
		<i>Lu. hartmanni</i>	8	0
Olympo	820	<i>Lu. ayacuchensis</i>	29	0
		<i>Lu. maranonensis</i>	5	0
		<i>Lu. robusta</i>	2	0
		<i>Lu. gomezi</i>	15	0
Ochoa	650	<i>Lu. ayacuchensis</i>	13	0
		<i>Lu. maranonensis</i>	8	0
		<i>Lu. robusta</i>	16	0
		<i>Lu. hartmanni</i>	1	0
		<i>Lu. gomezi</i>	116	0
Naranjapata	500	<i>Lu. maranonensis</i>	10	0
		<i>Lu. hartmanni</i>	5	0
		<i>Lu. gomezi</i>	74	0
		<i>Lu. trapidoi</i>	1	0
La Ventura	300	<i>Lu. hartmanni</i>	7	0
		<i>Lu. gomezi</i>	4	0
		<i>Lu. trapidoi</i>	51	0
		<i>Lu. panamensis</i>	26	0

A



B

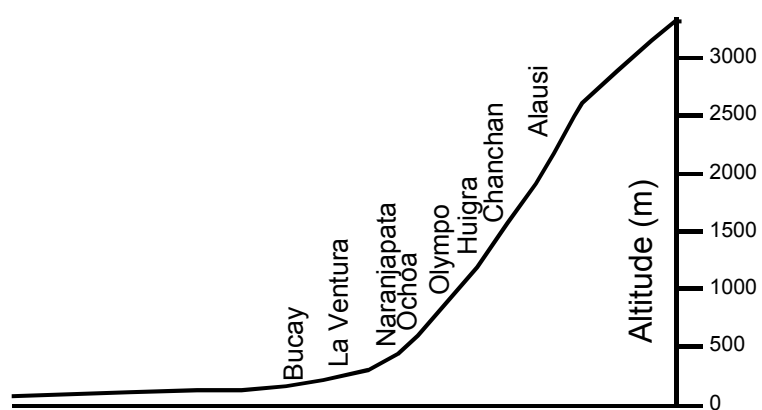


Fig. 1

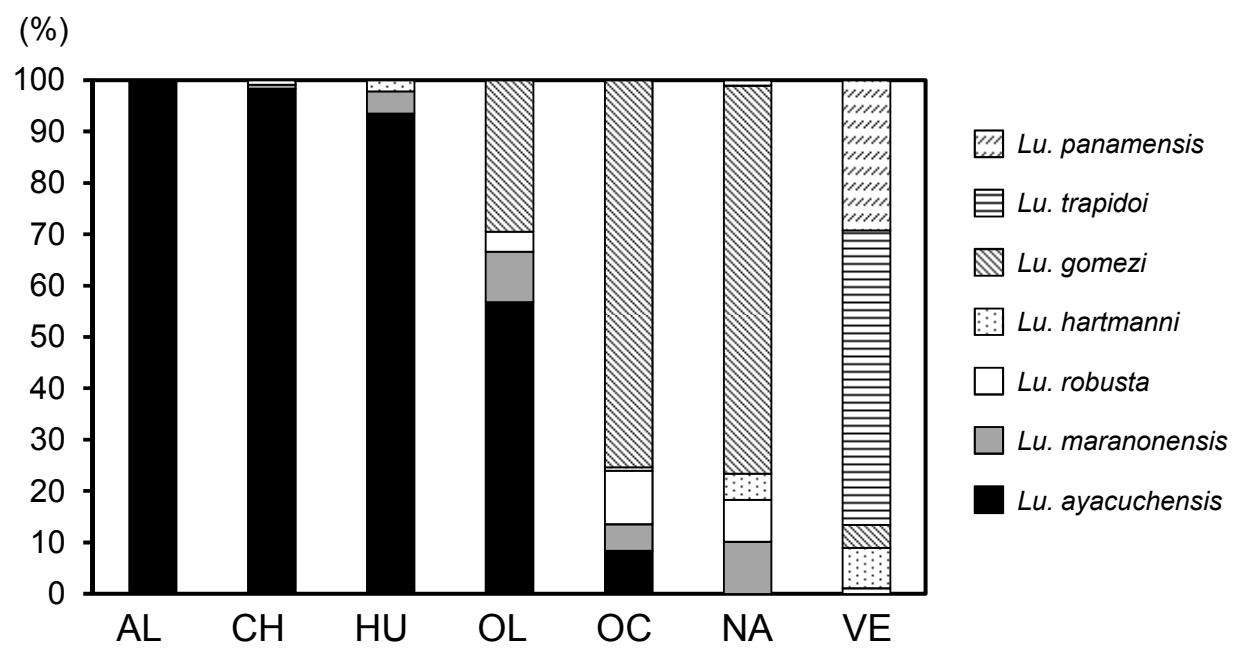


Fig. 2

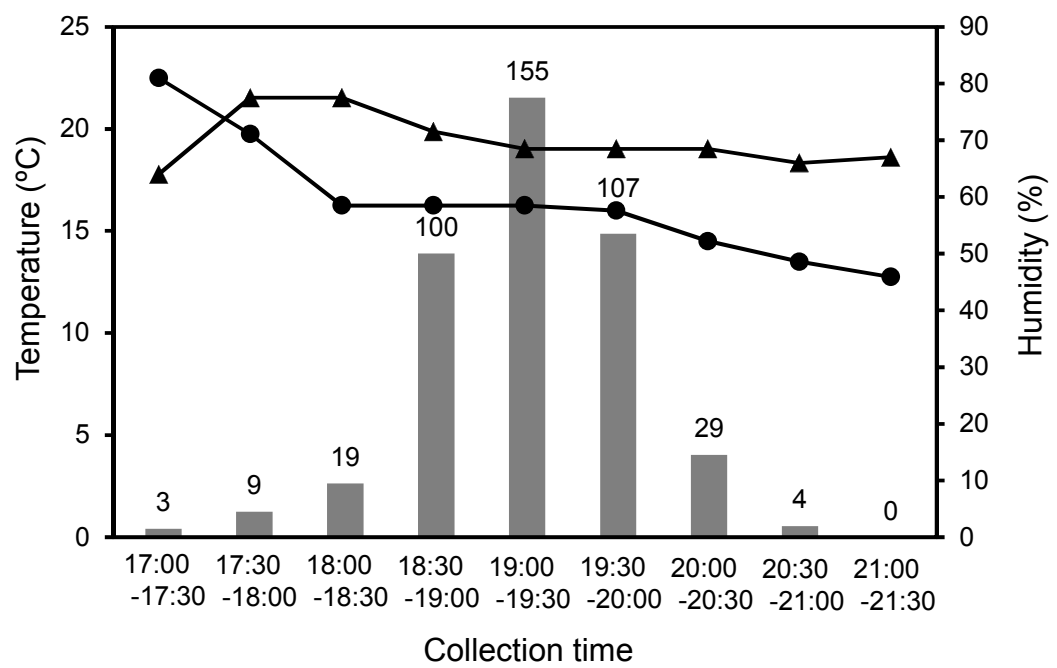


Fig. 3

A

Haplotype	Segregating sites	No. in populations				
	1223333355					
	65891344823	AL	CH	HU	OL	OC
	06842658487					
Hap1	GAGGCCGTCTA		1	1	3	
Hap2	•••••A•••••	8	1	6	8	2
Hap3	•G••••A••••				1	
Hap4	••••T•A••••			1		1
Hap5	A•••••A•••••	1	3	1		1
Hap6	••AA••A••••			1		1
Hap7	•••••A•••G			1		
Hap8	A••••TA••••	1	1			
Hap9	••A•••A••••		1			
Hap10	•••••A••C•		1			
Hap11	•••••AG••••	1				
Hap12	•••••A•T••	1				
		12	8	11	12	5

B

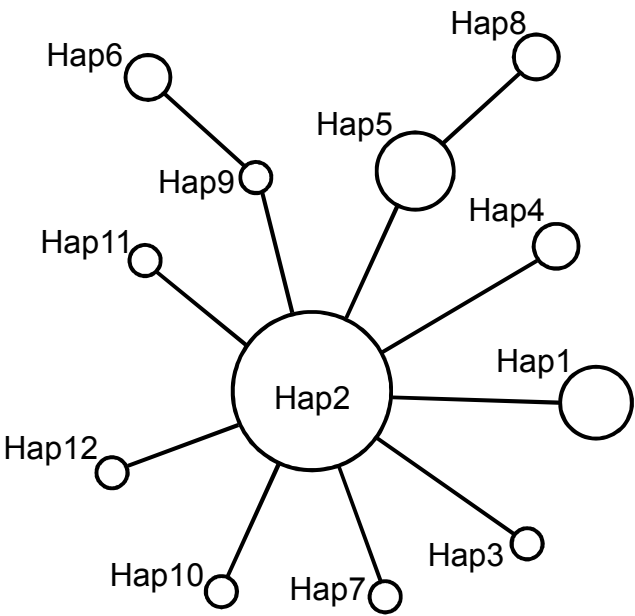


Fig. 4

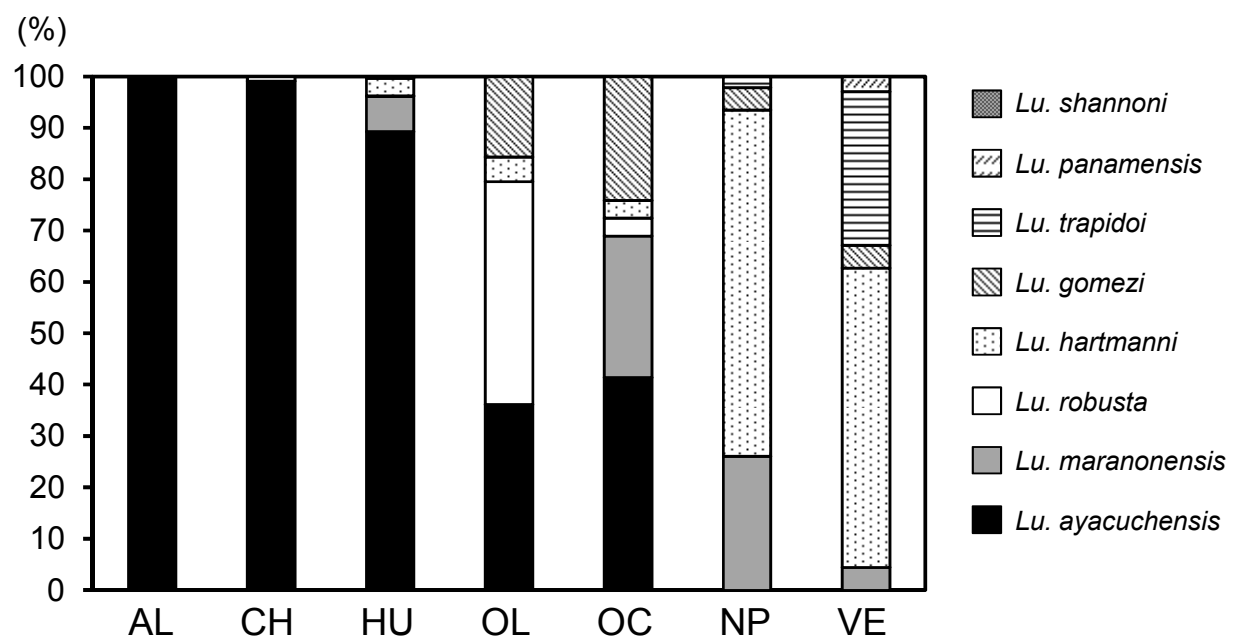


Fig. S1