

Table S3. Morphological characters examined and their abbreviations used to discriminate among species in pit vipers.

Abbreviations	Characters
V	Number of ventral shields
C	Number of subcaudal shields
SL	Number of supralabials (left+right)
IL	Number of infralabials (left+right)
INTN	Number of scales between internasals
PRO	Number of preoculars (left+right)
PO	Number of postoculars (left+right)
C3SL	Number of scales between 3rd supralabial and subocular
CEP	Number of cephalic scales (scales on a line between the middle of supraoculars)
BSO	The number of scales bordering the supraocular scales (average of right and left), not counting pre- or post-oculars
MSR	Dorsal scale rows at midbody
PSO	Scales between posterior edge of supra-ocular
NASPIT	The number of small scales between the nasal scale and the scale bordering the anterior edge of the pit.
VENTEDGE	The number of scales between the edge of the mouth and the ventral scales, starting at and including the last sublabial.
DSR	Dorsal scale rows (counted at 1 HL posteriorly from end of head)
MSR	Dorsal scale rows at mid-body
PSR	Dorsal scale rows before vent (counted at 1 HL before vent anteriorly)
LABNAS	The degree of fusion of the first labial and nasal scale.
KTEMP	The keeling of the temporal scales
BSCK	The keeling of the dorsal scales at mid-body
SCROC	Number of scale rows involved in postocular stripe.
SCR1	The proportion of the first scale row covered by the light area
SVL	Snout-vent length (in mm)
TaL	Total tail length
TL	Total body length
HL	Head length
VED	Vertical eye diameter
HED	Horizontal eye diameter
LSO	Maximum Length of supraocular
WSO	Maximum width of supraocular
DEL	Distance lower eye margin–edge of the lip
POS	Presence or absence of post ocular stripe
LAS	Presence of lateral stripe (0, absent; 1, indistinct; 2, distinct)
BCOL	Body color