

1 Table 1: Review of all reported species of predators of puff adders (*Bitis arietans*). Species marked with * based on observations in captivity.

Order	Family	Species	Primary sensory	
			modality	Source
Siluriformes	Clariidae	sharp-toothed catfish (<i>Clarius gariepinus</i>)	Olfactory/Tactile	[1]
Accipitriformes	Accipitridae	tawny eagle (<i>Aquila rapax</i>)	Visual	[2–3]
		augur buzzard (<i>Buteo augur</i>)	Visual	[4]
		jackal buzzard (<i>Buteo rufofuscus</i>)	Visual	[5]
		western banded snake-eagle (<i>Circaetus cinerascens</i>)	Visual	[5]
		southern banded snake-eagle (<i>Circaetus fasciolatus</i>)	Visual	[6]
		brown snake-eagle (<i>Circaetus cinereus</i>)	Visual	[5]
		black-chested snake-eagle (<i>Circaetus pectoralis</i>)	Visual	[5]
		pale chanting goshawk (<i>Melierax canorus</i>)	Visual	[6]
		martial eagle (<i>Polemaetus bellicosus</i>)	Visual	[6]
		bateleur (<i>Terathopius ecaudatus</i>)	Visual	[5]

		white-headed vulture (<i>Trigonoceps occipitalis</i>)	Visual	[7, 5]
	Sagittariidae	secretary bird (<i>Sagittarius serpentarius</i>)	Visual	[5]
Coraciiformes	Bucerotidae	southern ground hornbill (<i>Bucorvus leadbeateri</i>)	Visual	[8]
Gruiformes	Otididae	kori bustard (<i>Ardeotis kori</i>)	Visual	[6]
Passeriformes	Corvidae	pied crow (<i>Corvus albus</i>)	Visual	[5]
Pelecaniformes	Ardeidae	black-headed heron (<i>Ardea melanocephala</i>)	Visual	[6]
Artiodactyla	Suidae	warthog (<i>Phacochoerus africanus</i>)	Visual	[9]
Carnivora	Canidae	black-backed jackal (<i>Canis mesomelas</i>)	Olfactory/Visual	[10]
		domestic dog (<i>Canis familiaris</i>)	Olfactory/Visual	[6]
	Felidae	caracal (<i>Caracal caracal</i>)	Olfactory/Visual	[6]
		african wild cat (<i>Felis sylvestrus</i>)	Olfactory/Visual	[11]
		serval (<i>Leptailurus serval</i>)	Olfactory/Visual	[6]
		leopard (<i>Panthera pardus</i>)	Olfactory/Visual	[12]
	Herpestidae	yellow mongoose (<i>Cynictis penicillata</i>)	Olfactory/Visual	[11]
		slender mongoose (<i>Galerella sanguinea</i>)	Olfactory/Visual	[6]

		large grey mongoose (<i>Herpestes ichneumon</i>)	Olfactory/Visual	[10]
		meerkat (<i>Suricata suricatta</i>)	Olfactory/Visual	[8]
	Hyaenidae	spotted hyena (<i>Crocuta crocuta</i>)	Olfactory/Visual	[12]
	Mustelidae	honey badger (<i>Mellivora capensis</i>)	Olfactory/Visual	[10]
	Viverridae	small-spotted genet (<i>Genetta genetta</i>)	Olfactory/Visual	[10]
		large-spotted genet (<i>Genetta tigrina</i>)	Olfactory/Visual	[10]
Primates	Hominidae	human (<i>Homo sapiens</i>)	Visual	[13]
Squamata	Colubridae	olive whip snake (<i>Psammophis mossambicus</i>)	Visual	[14]
	Elapidae	Anchieta's cobra (<i>Naja anchietae</i>)	Olfactory/Visual	[15]
		snouted cobra (<i>Naja annulifera</i>)	Olfactory/Visual	[15–16]
		Mozambique spitting cobra (<i>Naja mossambica</i>)	Olfactory/Visual	[15]
		black spitting cobra (<i>Naja nigricincta woodi</i>)	Olfactory/Visual	[6]
		Cape cobra (<i>Naja nivea</i>)	Olfactory/Visual	[17]
	Varanidae	white-throated monitor (<i>Varanus albigularis</i>)*	Olfactory/Visual	[18]
	Viperidae	variable bush viper (<i>Atheris squamigera</i>)*	Visual	[19]

puff adder (<i>Bitis arietans</i>)*	Visual	[20]
gaboon adder (<i>Bitis gabonica</i>)*	Visual	[21]

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3 References

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