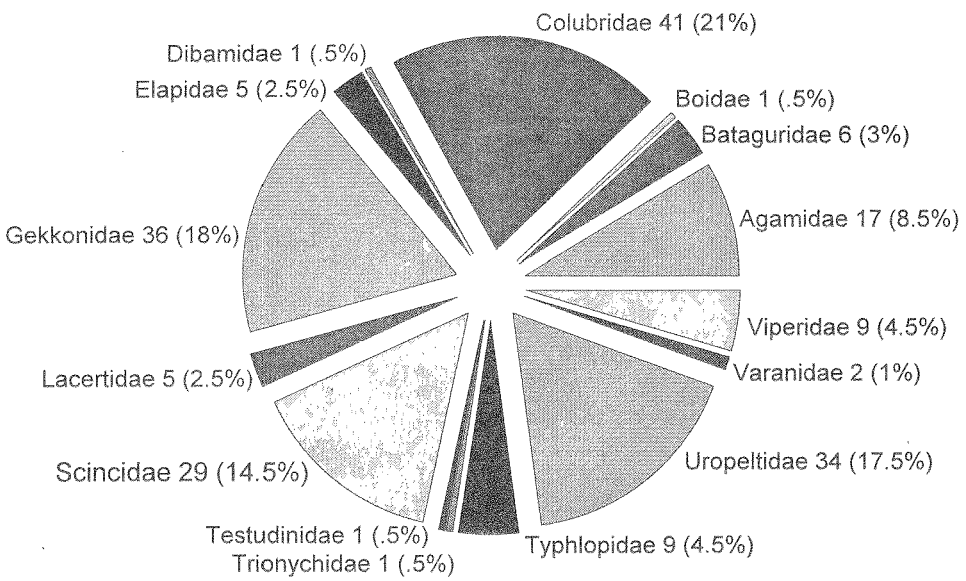
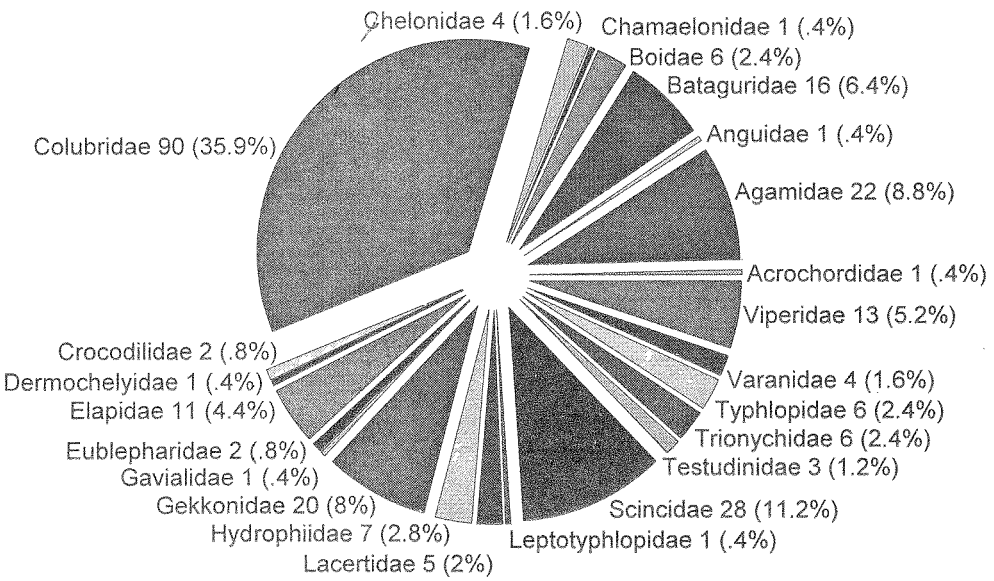


Number of endemic reptiles assessed = 197
Number of families of endemic reptiles represented in the assessment = 15



Number of non-endemic reptile assessed = 253
Number of families of non-endemic reptiles represented in the assessment = 23

Table 2. Basis of criteria for assessing endemic and non-endemic reptiles of India

Species	IUCN	Assessed for	Threatened due to	Criteria
ENDEMIC				
Ahaetulla dispar	LR-nt	Western Ghats	Not applicable	-
Ahaetulla perroteti	EN	Western Ghats	Restricted distribution	B1, 2c
Alsophylax boehmi	VU	Northern India	Restricted population	D2
Amphiesma beddomei	LR-nt	Western Ghats	Not applicable	-
Amphiesma khasiensis	VU	Northeastern India	Restricted distribution	B1, 2c
Amphiesma monticola	VU	Western Ghats	Restricted distribution Restricted population	B1, 2c D2
Amphiesma nicobariensis	DD	Nicobar Islands	Not applicable	-

Species	IUCN	Assessed for	Threatened due to	Criteria
Amphiesma pealii	DD	Eastern & northeastern India	Not applicable	-
Amphiesma xenura	DD	Northeastern India	Not applicable	-
Aspideretes leithii	VU	Peninsular India	Population reduction	A1b
Barkudia insularis	EN	Eastern Ghats	Restricted distribution	B1, 2c
Boiga andamanensis	DD	Andaman & Nicobar Islands	Not applicable	-
Boiga dightoni	EN	Western Ghats	Restricted distribution	B1, 2c
Brachyophidium rhodogaster	EN	Southern Western Ghats	Restricted distribution	B1, 2c
Bronchocela danieli	EN	Andaman & Nicobar Islands	Restricted distribution	B1, 2c
Bufoniceps laungwalensis	VU	Western India	Restricted population	D2
Bungarus andamanensis	VU	Andaman & Nicobar Islands	Restricted population	D2
Calliophis beddomei	VU	Southern India	Restricted distribution; Restricted population	B1, 2c; D2
Calliophis bibroni	EN	Western Ghats	Restricted distribution	B1, 2c
Calliophis melanurus nigrescens	LR-nt	Southern India	Not applicable	-
Calodactylodes aureus	EN	Eastern Ghats	Restricted distribution	B1, 2b, 2d
Calotes ellioti	LR-nt	Western Ghats	Not applicable	-
Calotes andamanensis	VU	Western Ghats	Restricted population	D2
Calotes grandisquamis	LR-nt	Western Ghats	Not applicable	-
Calotes nemoricola	VU	Western Ghats	Restricted distribution Restricted population	B1, 2a, 2c D2
Calotes rouxii	LR-nt	Western & Eastern Ghats	Not applicable	-
Chalcides pentadactylus	CR	Western coasts	Restricted distribution	B1, 2b
Cnemaspis beddomei	VU	Southern Western Ghats	Restricted distribution; Restricted population	B1, 2c; D2
Cnemaspis boiei	DD	Western Ghats	Not applicable	-
Cnemaspis goaensis	CR	Western Ghats	Restricted distribution	B1, 2c
Cnemaspis indica	VU	Western Ghats	Restricted distribution; Restricted population	B1, 2a, 2c; D2
Cnemaspis jerdonii jerdonii	VU	Western Ghats	Restricted distribution; Restricted population	B1, 2b, 2c; D2
Cnemaspis littoralis	LR-nt	Western Ghats	Not applicable	-
Cnemaspis mysoriensis	DD	Southern India	Not applicable	--
Cnemaspis nairi	CR	Southern Western Ghats	Restricted distribution	B1, 2a, 2c
Cnemaspis ornatus	VU	Southern Western Ghats	Restricted distribution	B1, 2c
Cnemaspis sisparensis	EN	Western Ghats	Restricted distribution	B1, 2a, 2c
Cnemaspis wynadensis	EN	Western Ghats	Restricted distribution	B1, 2b, 2c
Coluber bholanathi	VU	Northern eastern Ghats	Restricted population	D2
Coluber gracilis	LR-nt	Western & Central India	Not applicable	-
Coronella brachyura	LR-nt	Central & western India	Not applicable	-
Coryphophylax subcristatus	LR-lc	Andaman & Nicobar Islands	Not applicable	-
Cyrtodactylus fasciolatus	VU	Western Indian Himalaya	Restricted population	D2
Cyrtodactylus gubernatoris	DD	Eastern Indian Himalaya	Not applicable	-
Cyrtodactylus khasiensis khasiensis	VU	Eastern & northeastern India	Restricted distribution; Restricted population	B1, 2c; D2
Cyrtodactylus lawderanus,	VU	Western Indian Himalayas	Restricted population	D2
Cyrtodactylus malcolmsmithi	CR	Northwest Indian Himalaya	Restricted distribution	B1, 2c
Cyrtodactylus mansarulus	CR	Indian Western Himalaya	Restricted distribution	B1, 2c
Cyrtodactylus rubidus	VU	Andaman & Nicobar Islands	Restricted population	D2
Dasia nicobarensis	EN	Andaman & Nicobar Islands	Restricted distribution	B1, 2a, 2b, 2c
Dasia subcaeruleum	DD	Western Ghats	Not applicable	-
Dendrelaphis grandoculis	VU	Western Ghats	Restricted distribution	B1, 2c
Dendrelaphis humayuni	VU	Andaman & Nicobar Islands	Restricted population	D2
Dendrelaphis pictus andamanensis	VU	Andaman & Nicobar Islands	Restricted population	D2
Dibamus nicobaricum	EN	Andaman & Nicobar Islands	Restricted distribution	B1, 2c
Dinodon gammiei	EN	Eastern India	Restricted distribution	B1, 2c
Draco dussumieri	LR-nt	Western & Eastern Ghats	Not applicable	-
Echis carinatus carinatus	LR-nt	Southern India	Not applicable	-
Elaphe helena monticollaris	VU	Western Ghats	Restricted distribution	B1, 2c
Enhydris dussumieri	EN	Southern Western Ghats	Restricted distribution	B1, 2c
Eryx whitakeri	VU	West coast	Restricted distribution	B1, 2c
Eumeces poonaensis	CR	Western Ghats	Restricted distribution	B1, 2a, 2b, 2c
Geckoella dekkanensis	VU	Western Ghats	Restricted distribution	B1, 2c
Geckoella jeyporensis	DD	Eastern Ghats	Not applicable	-

Species	IUCN	Assessed for	Threatened due to	Criteria
Geckoella nebulosa	VU	Eastern Ghats	Restricted distribution; Restricted population	B1, 2c; D2
Gekko verreauxi (Tylter)	VU	Andaman & Nicobar Islands	Restricted population	D2
Geoemyda silvatica	VU	Western Ghats	Restricted distribution	B1, 2a, 2b, 2c
Gonglylosoma nicobariensis	DD	Andaman & Nicobar Islands	Not applicable	-
Hemidactylus anamallensis	VU	Southern Western Ghats	Restricted distribution; Restricted population	B1, 2c; D2
Hemidactylus giganteus	LR-nt	Western & Eastern Ghats	Not applicable	-
Hemidactylus gracilis	VU	India	Restricted population	D2
Hemidactylus maculatus maculatus	LR-lc	Eastern & western Ghats	Not applicable	-
Hemidactylus mahendrai	VU	Northern India	Restricted population	D2
Hemidactylus porbandarensis	VU	Western India	Restricted population	D2
Hemidactylus prashadi	EN	Western Ghats	Restricted distribution	B1, 2c
Hemidactylus reticulatus	LR-nt	Western & Eastern Ghats	Not applicable	-
Hemidactylus subtriedrus	EN	Eastern Ghats	Restricted distribution	B1, 2c
Hemiphyllodactylus typus aurantiacus	VU	Western & Eastern Ghats	Restricted distribution; Restricted population	B1, 2c; D2
Indotestudo forstenii	LR-nt	Western Ghats	Not applicable	-
Japalura major	CR	Western Indian Himalaya	Restricted distribution	B1, 2c
Kachuga tentoria circumdata	VU	India	Population reduction	A1a, 1c
Kachuga tentoria tentoria	LR-nt	India	Not applicable	-
Lipinia macrotympanum	VU	Andaman & Nicobar Islands	Restricted population	D2
Lycodon flavomaculatus	VU	Western Ghats	Restricted distribution	B1, 2c
Lycodon mackinnoni	VU	Northwestern India	Restricted distribution; Restricted population	B1, 2b, 2c, 2d; D2
Lycodon tiwarii	CR	Andaman & Nicobar Islands	Restricted distribution	B1, 2c
Lycodon travancoricus	LR-nt	W. & E. Ghats, Central India	Not applicable	-
Lygosoma ashwamedhi	VU	Eastern Ghats	Restricted population	D2
Lygosoma goaensis	DD	Western Ghats	Not applicable	-
Lygosoma guentheri	LR-nt	Northern Western Ghats	Not applicable	-
Lygosoma lineata	LR-nt	Northern Western Ghats	Not applicable	-
Lygosoma pruthi	CR	Central India	Restricted distribution	B1, 2c
Mabuya allapallensis	EN	Central India	Restricted distribution	B1, 2c
Mabuya andamanensis	VU	Andaman & Nicobar Islands	Restricted population	D2
Mabuya clivicola	EN	Western Ghats	Restricted distribution	B1, 2c
Mabuya gansi	VU	Western Ghats	Restricted population	D2
Mabuya innotatus	DD	Central India	Not applicable	-
Mabuya nagarjuni	EN	Eastern Ghats	Restricted distribution	B1, 2c
Mabuya trivittata	LR-lc	Central & south India	Not applicable	-
Mabuya tytlerii	VU	Andaman & Nicobar Islands	Restricted population	D2
Melanochelys trijuga coronata	VU	Western Ghats	Population reduction	A1c
Melanochelys trijuga trijuga	LR-nt	E. & W. Ghats, Deccan plat.	Not applicable	-
Melanophidium bilineatum	DD	Southern Western Ghats	Not applicable	-
Melanophidium punctatum	VU	Western Ghats	Restricted distribution	B1, 2c
Melanophidium wynandensis	DD	Western Ghats	Not applicable	-
Mictopholis austeniana	CR	Northeastern India	Restricted distribution	B1, 2c
Naja sagittifera	CR	Andaman & Nicobar Islands	Restricted distribution	B1, 2c
Oligodon affinis	LR-nt	Western Ghats	Not applicable	-
Oligodon brevicaudus	LR-nt	Western Ghats	Not applicable	-
Oligodon erythrorhachis	DD	Northeastern India	Not applicable	-
Oligodon juglandifer	EN	Eastern India	Restricted distribution	B1, 2b, 2c, 2d
Oligodon melaneus	DD	Eastern India	Not applicable	-
Oligodon melazonatus	DD	Northeastern India	Not applicable	-
Oligodon nikhili	CR	Western Ghats	Restricted distribution	B1, 2c, 2d, 2e
Oligodon travancoricum	EN	Western Ghats	Restricted distribution	B1, 2a, 2b, 2c
Oligodon venustum	LR-nt	Western Ghats	Not applicable	-
Oligodon woodmasoni	DD	Andaman & Nicobar Islands	Not applicable	-
Ophisops leschenaultii leschenaultii	LR-lc	Peninsular India	Not applicable	-
Ophisops beddomei	LR-nt	W. Ghats, western India	Not applicable	-
Ophisops microlepis	LR-lc	Central & western India	Not applicable	-
Ophisops minor nictans	LR-nt	Central & northern India	Not applicable	--
Oriocalotes paulus	EN	Northeastern India	Restricted distribution	B1, 2c

Species	IUCN	Assessed for	Threatened due to	Criteria
Otocryptis beddomeii	VU	Southern Western Ghats	Restricted distribution Restricted population	B1, 2c D2
Phelsuma andamanense	LR-lc	Andaman & Nicobar Islands	Not applicable	-
Phrynocephalus alticola	VU	Northwest Indian Himalaya	Restricted population	D2
Platyplectrurus madurensis madurensis	EN	Western Ghats	Restricted distribution	B1, 2c
Platyplectrurus trilineatus	VU	Southern Western Ghats	Restricted distribution Restricted population	B1, 2c D2
Plectrurus aureus	DD	Southern Western Ghats	Not applicable	-
Plectrurus canaricus	DD	Western Ghats	Not applicable	-
Plectrurus guentheri	VU	Western Ghats	Restricted population	D2
Plectrurus perroteti	LR-lc	Western Ghats	Not applicable	-
Psammophilus dorsalis	LR-nt	India	Not applicable	-
Psammophis longifrons	LR-nt	Central & western India	Not applicable	-
Pyxidea mouhotii	LR-nt	Northeastern India	Not applicable	-
Rhabdops olivaceus	CR	Western Ghats	Restricted distribution	B1, 2c
Rhinophis fergusonianus	DD	Southern Western Ghats	Not applicable	-
Rhinophis sanguineus	DD	Western Ghats	Not applicable	-
Rhinophis travancoricus	DD	Southern Western Ghats	Not applicable	-
Ristella beddomii	VU	Western Ghats	Restricted distribution	B1, 2b, 2c
Ristella guentheri	VU	Southern Western Ghats	Restricted distribution Restricted population	B1, 2a, 2c D2
Ristella rurkii	VU	Southern Western Ghats	Restricted distribution Restricted population	B1, 2b, 2c D2
Ristella travancoricus	VU	Southern Western Ghats	Restricted distribution; Restricted population	B1, 2b; D2
Salea anamallayana	EN	Western Ghats	Restricted distribution	B1, 2a, 2c
Salea horsfieldii	EN	Western Ghats	Restricted distribution	B1, 2a, 2c
Scincella bilineatum	DD	Western Ghats	Not applicable	-
Scincella macrotis	VU	Andaman & Nicobar Islands	Restricted population	D2
Scincella tragbulense	VU	Western Indian Himalaya	Restricted population	D2
Scincella travancoricum	VU	Southern Western Ghats	Restricted distribution Restricted population	B1, 2b D2
Sepsophis punctatus	EN	Eastern Ghats	Restricted distribution	B1, 2b, 2d
Sibynophis subpunctatus subpunctatus	LR-nt	Western Ghats & Southern India	Not applicable	-
Sphenomorphus courcyanum	VU	Northeastern India	Restricted distribution; Restricted population	B1, 2c; D2
Stoliczkaia khasiensis	DD	Northeastern India	Not applicable	-
Takydromus haughtonianus	VU	Northeastern India	Restricted population	D2
Teratolepis albofasciatus	DD	Western Ghats	Not applicable	-
Teretrurus sanguineus	DD	Western Ghats	Not applicable	-
Trachischium laeve	DD	Northeast Indian Himalaya	Not applicable	-
Trimeresurus cantori	VU	Andaman & Nicobar Islands	Restricted population	D2
Trimeresurus gramineus	LR-nt	Peninsular India	Not applicable	-
Trimeresurus labialis	DD	Andaman & Nicobar Islands	Not applicable	-
Trimeresurus macrolepis	LR-nt	Western & Eastern Ghats	--	--
Trimeresurus malabaricus	LR-nt	Western Ghats	Not applicable	-
Trimeresurus purpureo-maculatus andersoni	VU	Andaman & Nicobar Islands	Restricted population	D2
Trimeresurus strigatus	LR-nt	Western & Eastern Ghats	Not applicable	--
Trimereurus huttoni	CR	Western Ghats	Restricted distribution	B1, 2c
Typhlops andamanensis	DD	Andaman & Nicobar Islands	Not applicable	-
Typhlops beddomi	VU	Western Ghats	Restricted distribution; Restricted population	B1, 2c; D2
Typhlops bothriorhynchus	DD	Northern & northeast India	Not applicable	-
Typhlops loveridgei	DD	Northern India	Not applicable	-
Typhlops oatesii	VU	Andaman Islands	Restricted population	D2
Typhlops oligolepis	EN	Eastern Indian Himalaya	Restricted distribution	B1, 2c
Typhlops tennuicollis	CR	Northeastern India	Restricted distribution	B1, 2c
Typhlops thurstoni	DD	Southern Western Ghats	Not applicable	-
Typhlops tindalli	DD	Southern Western Ghats	Not applicable	-
Uropeltis macrolepis	VU	Western Ghats	Restricted distribution	B1, 2c

Species	IUCN	Assessed for	Threatened due to	Criteria
Uropeltis arcticeps	LR-nt	Southern Western Ghats	Not applicable	-
Uropeltis beddomii	DD	Western Ghats	Not applicable	-
Uropeltis broughami	DD	Western Ghats	Not applicable	-
Uropeltis ceylanicus	LR-lc	Southern Western Ghats	Not applicable	-
Uropeltis dindigalensis	CR	Western Ghats	Restricted distribution	B1, 2c
Uropeltis ellioti	LR-nt	Western & Eastern Ghats	Not applicable	-
Uropeltis liura	EN	Southern Western Ghats	Restricted distribution	B1, 2c
Uropeltis macrorhynchus	DD	Western Ghats	Not applicable	--
Uropeltis maculatus	EN	Western Ghats	Restricted distribution	B1, 2c
Uropeltis myhendrae	DD	Western Ghats	Not applicable	-
Uropeltis nitidus	DD	Western Ghats	Not applicable	-
Uropeltis occellatus	LR-lc	Western Ghats	Not applicable	--
Uropeltis petersi	DD	Western Ghats	Not applicable	-
Uropeltis philpsonii	LR-nt	Western Ghats	Not applicable	-
Uropeltis pulneyensis	EN	Southern Western Ghats	Restricted distribution	B1, 2c
Uropeltis rubrolineatus	LR-nt	Western Ghats	Not applicable	-
Uropeltis rubromaculatus	EN	Western Ghats	Restricted distribution	B1, 2c
Uropeltis smithi	DD	Western Ghats	Not applicable	-
Uropeltis woodmasoni	EN	Southern Western Ghats	Restricted distribution	B1, 2c
Varanas salvator nicobariensis	LR-nt	Andaman & Nicobar Islands	Not applicable	--
Varanus salvator andamanensis	VU	Andaman & Nicobar Islands	Population reduction	A1a, 1c
Xylophis perroteti	VU	Western Ghats	Restricted distribution; Restricted population	B1, 2c; D2
Xylophis stenorhynchus	EN	Western Ghats	Restricted distribution	B1, 2c
NON-ENDEMICS				
Ablepharus grayanus	DD	Western India	Not applicable	-
Ablepharus pannonicus	DD	Western India	Not applicable	-
Acanthodactylus blanfordii	DD	Western India	Not applicable	-
Acanthodactylus cantoris	LR-nt	Northwestern India	Not applicable	-
Acrochordus granulatus	LR-nt	Indian west coast	Not applicable	-
Agkistrodon himalayanus	DD	Western Indian Himalaya	Not applicable	-
Ahaetulla fronticincta	DD	NE & E Indian Himalaya	Not applicable	-
Ahaetulla nasutus	LR-nt	Throughout India	Not applicable	-
Ahaetulla prasina prasina	EN	Northeastern India Himalaya	Restricted distribution	B1, 2c
Ahaetulla pulverulenta	LR-nt	Western Ghats	Not applicable	-
Amphiesma modesta	EN	Northeastern India	Restricted distribution	B1, 2c
Amphiesma parallela	EN	Northeastern India	Restricted distribution	B1, 2c
Amphiesma platyceps	VU	Northeastern, northern India,	Restricted distribution	B1, 2c
Amphiesma sieboldii	DD	Northeastern, northern India,	Not applicable	-
Amphiesma stolata	LR-nt	Throughout India	Not applicable	-
Argyrogena fasciolata	LR-nt	Throughout India	Not applicable	-
Aspideretes gangeticus	VU	Ganges, Mahanadi, Narmada, Tapti, Brahmaputra	Population reduction	A1a, 1c, 1d
Aspideretes hurum	LR-nt	Northern India	Not applicable	-
Atretium schistosum	LR-nt	Peninsular India	Not applicable	-
Batagur baska baska	CR	Mahanadi Delta, Sunderbans	Population estimates	C2a
Blythia reticulata	LR-nt	Northeastern India	Not applicable	-
Boiga beddomei	DD	Western Ghats	Not applicable	-
Boiga cyanea	LR-nt	Evergreen forests	Not applicable	--
Boiga forsteni	LR-nt	Southern India & W. Ghats	Not applicable	-
Boiga multifasciata	VU	Northern & central India	Restricted distribution	B1, 2c
Boiga multomaculata	VU	Northeastern India	Restricted distribution Restricted population	B1, 2c; D2
Boiga nuchalis	LR-nt	Northeastern & eastern India	Not applicable	-
Boiga ocellata	LR-nt	Northeastern India	Not applicable	--
Boiga ochracea ochracea	VU	Northeastern & eastern India	Restricted distribution; Restricted population	B1, 2c; D2
Boiga ochraceus stoliczkae	DD	Northeastern India	Not applicable	-
Boiga ochraceus walli	DD	Andaman & Nicobar Islands	Not applicable	-
Boiga quinciata	DD	Northeastern India	Not applicable	-
Boiga trigonatus trigonatus	LR-lc	Central & Southern India	Not applicable	-
Bungarus caeruleus	LR-nt	Western India	Not applicable	-
Bungarus fasciatus	LR-nt	Western, northern India	Not applicable	-

Species	IUCN	Assessed for	Threatened due to	Criteria
Bungarus lividus	DD	Eastern & northeastern India	Not applicable	-
Bungarus niger	DD	Eastern, northeastern India	Not applicable	-
Bungarus sindanus sindanus	DD	Western, northern India	Not applicable	-
Bungarus sindanus walli	DD	Northern, eastern India	Not applicable	-
Calamaria pavimentata	VU	Northeastern India	Restricted distribution;	B1, 2c
Calliophis macclellandi univirgatus	DD	Eastern India	Not applicable	-
Calliophis melanurus melanurus	LR-nt	Southern & eastern India	Not applicable	-
Calotes calotes	LR-nt	Southern India	Not applicable	-
Calotes jerdoni	DD	Northeastern India	Not applicable	-
Calotes versicolor farooqi	CR	Northern India	Restricted distribution	B1, 2c
Calotes versicolor versicolor	LR-nt	Central India	Not applicable	-
Caretta caretta	LR-nt	India	Not applicable	-
Cerberus rynchops rynchops	LR-nt	S. India, Andaman & Nicobar	Not applicable	-
Chamaeleo zeylanicus	VU	Central & Northern India	Population reduction	A1a, 1c
Chelonia mydas	EN	India	Restricted distribution	B1, 2c
Chitra indica	LR-nt	Ganges, Mahanadi and Brahmaputra river system	Not applicable	-
Chrysopelea ornata ornata	LR-nt	Western Ghats	Not applicable	-
Chrysopelea paradisi	CR	Andaman & Nicobar Islands	Restricted distribution	B1, 2c
Cnemaspis kandianus	LR-lc	S. India & Andaman Islands	Not applicable	-
Cnemaspis tropidogaster	VU	Southern India	Restricted distribution	B1, 2c
Coluber ventromaculatus	LR-lc	Deccan, Himalayas	Not applicable	-
Cosymbotus platyurus	LR-lc	Northeastern India	Not applicable	-
Crocodylus palustris	VU	India	Restricted distribution; Population estimates	B1, 2abcde; C
Crocodylus porosus	EN	Eastern India, Andaman & Nicobars	Restricted distribution; Population estimates	B1, 2c; C2a
Cuora amboinensis kamaroma	LR-nt	Northeastern Inida & Andaman & Nicobar Islands	Not applicable	-
Cyclemys dentata	LR-nt	Northeastern & Eastern India	Not applicable	-
Cyrtodactylus stoliczkai	DD	Northern India	Not applicable	-
Cyrtodactylus walli	DD	Northern India	Not applicable	-
Cyrtopodion kachhensis	DD	Kutchch	Not applicable	-
Cyrtopodion scaber	DD	Unk	Not applicable	-
Daboia russelli russelii	LR-nt	India except gangetic plains	Not applicable	-
Dasamia rugiferi	VU	Great Nicobar Islands	Restricted population	D2
Dasia halianus	CR	Southern India	Restricted distribution	B1, 2a, 2b, 2c
Dasia oliveceae	EN	Nicobar Islands	Restricted distribution	B1, 2a, 2c, 2d
Dendrelaphis bifrenalis	EN	Western Ghats	Restricted distribution	B1, 2c
Dendrelaphis cyanochloris	LR-lc	NE India, Andaman &Nicobar	Not applicable	-
Dendrelaphis tristis	LR-lc	Southern & western India	Not applicable	-
Dermochelys coriacea	EN	N. & C. India, Andamans	Population reduction	A1c, 1d
Dinodon septentrionalis septentrionalis	EN	Eastern India	Restricted distribution	B1, 2c
Draco blanfordii norvilli	LR-lc	Northeastern India	Not applicable	-
Dryocalamus gracilis	DD	Southern India	Not applicable	-
Dryocalamus nympha	VU	Southern India	Restricted distribution	B1, 2c
Echis carinatus sochureki	LR-nt	Northern India	Not applicable	-
Elachistodon westermanni	VU	N. and northeastern India	Restricted distribution	B1, 2c
Elaphe cantoris	LR-nt	Eastern India	Restricted distribution	--
Elaphe flavolineata	VU	Andaman & Nicobar Islands	Restricted population	D2
Elaphe helena helena	LR-nt	Southern & western India	Not applicable	-
Elaphe hodgsonii	LR-nt	Indian Himalaya	Not applicable	-
Elaphe mandarina	VU	Northeastern India	Restricted population	D2
Elaphe porphyracea porphyracea	DD	Himalaya, Northeastern India	Not applicable	-
Elaphe radiata	LR-lc	Eastern Ghats, NE Himalaya	Not applicable	-
Enhydrina schistosa	DD	Southern & eastern India	Not applicable	-
Enhydris sieboldii	LR-nt	Central & peninsular India	Not applicable	-
Enhydris enhydris	LR-nt	Northern, northeastern India	Not applicable	-
Eremias guttulata watsonana	DD	Western India	Not applicable	-
Eretmochelys imbricata	EN	Andaman & Nicobar, Gulf of Kutchch and Mannar	Population reduction	A1c
Eristicophis macmahoni	DD	Western India	Not applicable	-

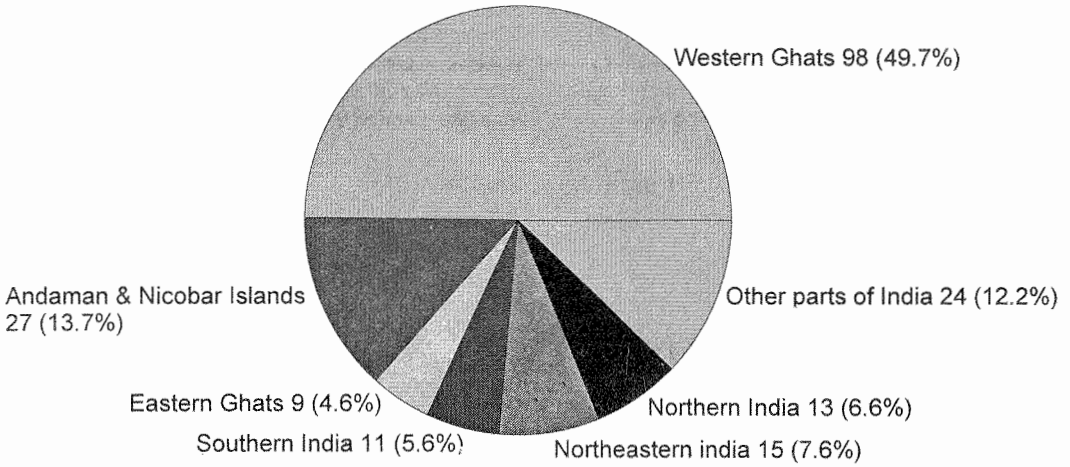
Species	IUCN	Assessed for	Threatened due to	Criteria
Eryx conica conica	LR-nt	India	Not applicable	-
Eryx johnii johnii	LR-lc	N., S. & W. India	Not applicable	-
Eryx johnii persicus	LR-lc	Western & Northern India	Not applicable	-
Eublepharis hardwickii	DD	Western & Eastern India	Not applicable	-
Eublepharis macularius	LR-lc	C., W. & S. India	Not applicable	-
Eumeces blythianus	DD	Punjab	Not applicable	-
Eumeces taeniolatus	DD	North, Western India	Not applicable	-
Fordonia leucobalia	VU	E. India, Andaman & Nicobar	Restricted distribution	B1, 2c
Gavialis gangeticus	EN	India	Restricted distribution; Population estimates	B1, 2c; C2a
Gekko gecko gecko	DD	Northeastern India	Not applicable	-
Gekko smithii	VU	Nicobar islands	Restricted population	D2
Geochelone elegans	VU	NW., S. & E. India	Population reduction	A1a,1c,1d
Geoclemys hamiltonii	VU	India	Population reduction	A1a, 1c
Gerardia prevostianus	LR-nt	Western coast	Restricted distribution	--
Hardella thurjii thurjii	VU	Eastern India	Population reduction	A1a
Hemidactylus bowringii	LR-lc	Southern, Northeastern India	Not applicable	-
Hemidactylus brookii	LR-lc	India	Not applicable	-
Hemidactylus flaviviridis	LR-lc	Central India	Not applicable	-
Hemidactylus frenatus	LR-lc	Western, central, northern	Not applicable	-
Hemidactylus garnotii	LR-lc	Eastern, northeastern India	Not applicable	-
Hemidactylus karenorum	VU	Northeastern India	Restricted population	D2
Hemidactylus leschenaulti	LR-lc	India	Not applicable	-
Hemidactylus scabriceps	VU	Southern India	Restricted distribution; Restricted population	B1, 2c; D2
Hemidactylus triedrus triedrus	LR-lc	India	Not applicable	-
Homalopsis buccata	CR	Northeastern India	Restricted distribution	B1, 2c
Hydrophis caerulescens	DD	Peninsular India	Not applicable	-
Hypnale hypnale	LR-nt	Western Ghats	Not applicable	-
Indotestudo elongata	LR-nt	N., E. & NE. India	Not applicable	-
Japalura andersoniana	DD	Northeastern India	Not applicable	-
Japalura kumaonensis	CR	Western Himalaya	Restricted distribution	B1, 2c
Japalura planidorsata	VU	Northeastern India	Restricted distribution; Restricted population	B1, 2c; D2
Japalura tricarinatus	LR-lc	Eastern India	Not applicable	-
Japalura variegata	LR-lc	Eastern Indian Himalaya	Not applicable	-
Kachuga dhongoka	VU	Brahmaputra river system	Population reduction	A1a, 2c
Kachuga kachuga	VU	Chambal, Parts of Yamuna and Ganga & northern Gahra	Population reduction	A1a, 2c
Kachuga smithii pallidipes	LR-lc	North tributaries of Ganga & Upper Ganga	Not applicable	-
Kachuga smithii smithii	LR-lc	Ganges, Indus, Brahmaputra	Not applicable	-
Kachuga sylhetensis	CR	Northeastern India	Population reduction	A1a, 1c
Kachuga tecta	LR-nt	C., NE., NW. India	Not applicable	-
Kachuga tentoria flaviventer	VU	Northern & Eastern	Restricted distribution	B1, 2c
Kerilia jerdonii jerdonii	DD	Peninsular India	Not applicable	-
Laticauda colubrina	DD	Bay of Bengal	Not applicable	-
Laticaudata laticaudata	DD	Bay of Bengal, E. Indian Ocean, W. Pacific Ocean	Not applicable	-
Laudakia agrorensis	DD	Northern India	Not applicable	-
Laudakia himalayanus himalayanus	LR-lc	Northwestern Indian Himalaya	Not applicable	-
Laudakia melanura	LR-lc	Northern India	Not applicable	-
Laudakia minor	LR-lc	N., W. & C. India	Not applicable	-
Laudakia pakistanica	VU	NW. Indian Himalaya	Restricted population	D2
Laudakia tuberculata	LR-lc	Northwestern Himalayas	Not applicable	-
Leicocephalophis cyanocincta	DD	Coast of Indian Peninsular	Not applicable	-
Leiocephalus spiralis	DD	Peninsular India	Not applicable	-
Lepidochelys olivacea	EN	W. & E. coasts, Andaman & Nicobar, Lakshwadeep	Population reduction	A1c
Leptotyphlops blanfordi blanfordi	VU	Northern India (Punjab)	Restricted distribution Restricted population	B1, 2c; D2
Liopeltis calamarius	LR-nt	Central & peninsular India		-
Liopeltis frenatus	VU	Northeastern India	Restricted distribution	B1, 2c

Species	IUCN	Assessed for	Threatened due to	Criteria
Liopeltis rappii	VU	Indian Himalaya	Restricted distribution	B1, 2c
Liopeltis stoliczkae	VU	Eastern & northeastern India	Restricted distribution; Restricted population	B1, 2c; D2
Lissemys punctata andersoni	LR-nt	India	Not applicable	-
Lissemys punctata punctata	LR-nt	India	Not applicable	-
Lycodon aulicus	LR-lc	Western & southern India	Not applicable	-
Lycodon capucinus	VU	Andaman & Nicobar islands, Lakshadweep islands	Restricted population	D2
Lycodon fasciatus	VU	Northeastern, East Himalaya	Restricted distribution	B1, 2c
Lycodon jara	DD	Eastern Ghats, Eastern Himalaya, Eastern India	Not applicable	-
Lycodon striatus striatus	LR-nt	India	Not applicable	-
Lygosoma albopunctata	LR-lc	N., E., NE. & S. India	Not applicable	-
Lygosoma bowringai	CR	Andaman & Nicobar Islands	Not applicable	B1, 2c
Lygosoma punctatus	LR-lc	Throughout India	Not applicable	-
Lygosoma vosmaerii	DD	Eastern India	Not applicable	-
Mabuya beddomei	LR-lc	Southern India	Not applicable	-
Mabuya bibronii	LR-lc	Southern & Eastern India	Not applicable	-
Mabuya carinata carinata	LR-nt	Almost throughout India	Not applicable	-
Mabuya dissimilis	DD	Northern and Central India	Not applicable	-
Mabuya macularius	LR-lc	Throughout India	Not applicable	-
Mabuya mulifasciata	LR-nt	Northeastern India	Not applicable	-
Mabuya multicarianata	EN	Northeastern India	Restricted distribution	B1, 2c
Mabuya rudis	EN	Andaman & Nicobar Islands	Restricted distribution	B1, 2c
Macropisthodon plumbicolor plumbicolor	LR-nt	India	Not applicable	-
Manouria emys phayrei	VU	Northeastern India	Population restriction	A1a,1c,1d
Melanochelys tricarinata	LR-lc	Terai, Northeastern India	Not applicable	-
Melanochelys trijuga indopeninsularis	LR-nt	Northern, eastern & northeastern India	Not applicable	-
Melanochelys trijuga thermalis	EN	Southern India	Restricted distribution	B1, 2c
Microcephalophis gracilis	DD	Indian coast	Not applicable	-
Morenia petersi	LR-nt	N., E., NE. India	Not applicable	-
Naja naja	LR-nt	Western, Central India	Not applicable	-
Naja oxiana	CR	Northwestern India	Restricted distribution	B1, 2c
Oligodon albocinctus	DD	Eastern & northeastern India	Not applicable	-
Oligodon arnensis	LR-lc	Southern, western India	Not applicable	-
Oligodon cinereus	EN	Northeastern India	Restricted distribution	B1, 2c
Oligodon cyclurus cyclurus	EN	Northeastern India	Restricted distribution	B1, 2c
Oligodon dorsalis	VU	Garo, Naga & Khasi hills	Restricted distribution	B1, 2c
Oligodon erythrogaster	EN	Central & Himalaya	Restricted distribution	B1, 2c
Oligodon taeniolatus fasciatus	LR-nt	Southern & western India	Not applicable	-
Ophiodrys doriae	CR	Northeastern India	Restricted distribution	B1, 2c
Ophiomorus raithmai	VU	Western India	Restricted population	D2
Ophiomorus tridactylus	DD	Western India	Not applicable	-
Ophiophagus hannah	LR-nt	W. & E. Ghats, NE India	Not applicable	-
Ophisaurus gracilis	LR-nt	Eastern India	Not applicable	-
Ophisops jerdoni	DD	Western & Southern India	Not applicable	-
Ovophis monticolus monticolus	DD	Eastern Indian Himalaya	Not applicable	-
Pareas macularius	CR	Northeastern India	Restricted distribution	B1, 2c
Pareas monticolus	VU	Northeastern India	Restricted distribution	B1, 2c
Pelochelys cantorii	LR-nt	Eastern, Southern India	Not applicable	-
Phrynocephalus theobaldi	VU	Northern India	Restricted population	D2
Protobothrops jerdonii jerdonii	VU	Northeastern India, Kashi hills	Restricted distribution Restricted population	B1, 2c; D2
Protobothrops mucrosquamatus	DD	Northeastern India	Not applicable	-
Psammodynastes pulverulentus	VU	Eastern, Northeastern India	Restricted distribution	B1, 2c
Psammophis condanarus condanarus	LR-nt	Decan, Himalaya & Northwestern India	Not applicable	-
Psammophis leithii	LR-nt	Western, northern India	Not applicable	-
Psammophis schokari	LR-nt	Middle Eastern India	Not applicable	-
Pseudoxenodon macrops macrops	VU	Eastern India	Restricted distribution Restricted population	B1, 2c; D2

Species	IUCN	Assessed for	Threatened due to	Criteria
Ptyas mucosus mucosus	LR-nt	Southern, western India	Not applicable	-
Ptyas nigromarginatus	VU	Northeastern India	Restricted distribution	B1, 2c
Ptychozoon kuhli	CR	Nicobar Islands	Restricted distribution	B1, 2c
Ptyctolaemus gularis	EN	Northeastern India	Restricted distribution	B1, 2c
Python molurus bivittatus	LR-nt	N., NE. & NW. India	Not applicable	-
Python molurus molurus	LR-nt	Peninsular India	Not applicable	-
Python reticulatus	LR-nt	Nicobar Islands & NE. India	Not applicable	-
Ramphotyphlops braminus	LR-nt	S., E. India, A & Nicobar	Not applicable	-
Rhabdophis himalayanus	LR-nt	Northeastern India	Not applicable	-
Rhabdophis subminiatus	VU	Northeastern India	Restricted distribution Restricted population	B1, 2c; D2
Rhabdops bicolor	VU	Northeastern India	Restricted distribution	B1, 2c
Rhinotyphlops acutus	LR-nt	Western & Eastern India	Not applicable	--
Salea kakhienensis	CR	Northeastern India	Restricted distribution	B1, 2c
Scincella himalayanus	DD	Northern India	Not applicable	-
Scincella ladacensis	DD	Northern India	Not applicable	-
Scincella sikimmensis	DD	Eastern India	Not applicable	-
Sibynophis collaris	LR-nt	North, Northeastern India	Not applicable	-
Sibynophis sagittaria	LR-nt	India	Not applicable	--
Sitana ponticeriana	LR-lc	Throughout India	Not applicable	-
Spalerosophis arenarius	VU	Western India	Restricted distribution Restricted population	B1, 2c; D2
Spalerosophis diadema	LR-nt	Western India	Not applicable	-
Sphenomorphus dussumieri	LR-lc	Western Ghats	Not applicable	-
Sphenomorphus indicus	DD	Eastern Indian Himalaya	Not applicable	-
Sphenomorphus maculatus	DD	Eastern Indian Himalaya, Andaman & Nicobar Islands	Not applicable	-
Sphenomorphus reevesii reevesii	DD	Northeastern India	Not applicable	-
Takydromus sexlineatus khasiensis	EN	Northeastern India	Restricted distribution	B1, 2c
Trachischium fuscum	VU	Eastern India	Restricted distribution	B1, 2c
Trachischium guentheri	CR	Eastern India	Restricted distribution	B1, 2c
Trachischium monticolum	CR	Northeastern India	Restricted distribution	B1, 2c
Trachischium tenuiceps	CR	Eastern India	Restricted distribution	B1, 2c
Trapelus agilis	DD	Northeastern India	Not applicable	-
Trimeresurus albolabris septentrionalis	LR-lc	Northern, northeastern India, Eastern Himalaya	Not applicable	-
Trimeresurus erythrurus	DD	Eastern, northeastern India	Not applicable	-
Trimeresurus popeorum	VU	Eastern Himalaya, NE. India	Restricted distribution	B1, 2c
Trimeresurus stejnegeri yunnanensis	LR-nt	Eastern, northeastern India	Not applicable	-
Typhlops diardii diardii	DD	Eastern & Northeastern India	Not applicable	-
Typhlops jerdoni	LR-nt	Eastern Indian Himalaya	Not applicable	-
Typhlops pammeces	DD	Unknown	Not applicable	-
Typhlops porrectus	LR-nt	Western Ghats	Not applicable	-
Uromastyx hardwickii	VU	Central India	Population reduction	A1a, 1c
Varanus bengalensis	VU	N., W. & C. India	Population reduction	A1a,1c,1d
Varanus flavescens	VU	N., W. & C. India	Population reduction	A1a, 1c
Varanus griseus konicznyi	VU	Northern & Western India	Population reduction	A1a,1c,1d
Varanus salvator salvator	VU	Eastern & Northeastern India	Restricted distribution	B1, 2c
Xenochrophis cerasogaster	LR-nt	Northeastern India	Not applicable	-
Xenochrophis melanzostus *	VU	Andaman & Nicobar Islands	Restricted population	2
Xenochrophis piscator piscator	LR-lc	Southern India	Not applicable	-
Xenochrophis sanctijohannis	LR-nt	Northern India	Not applicable	-

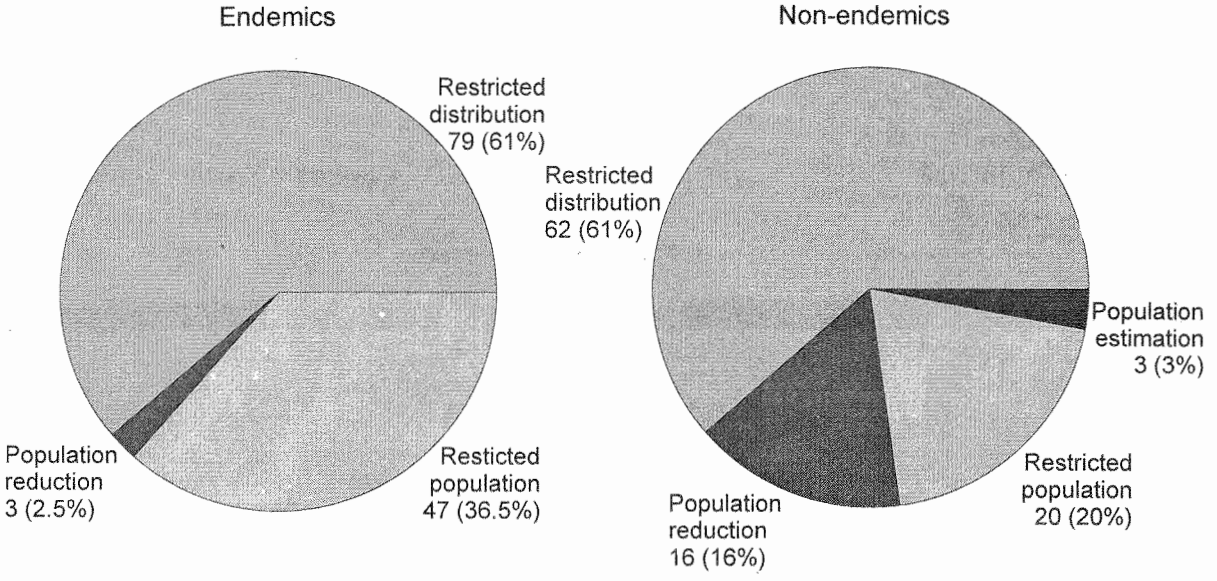
Endemic reptiles constitute 44% (197 taxa) of the total reptilian fauna of India while non-endemics make up the other 56% (251 taxa). Western Ghats, the richest biogeographhic region has 50% of the endemic reptiles in India. Northeastern India, though rich with reptilian fauna, does not have many endemics because of the political limits of the country cutting through the eastern Himalayan biogeographic zone. However, 15 taxa are found within the Indian political limits in this region. Andaman and Nicobar Islands and the Eastern Ghats have 27 and 9 reptiles each restricted to those regions. The figure below illustrates the distribution of endemic taxa assessed in India. Thirty-seven taxa are restricted to different parts of the country like northern, eastern, western, central, or a combination of any of those regions in the country.

Occurence of endemic reptiles in India



Number of endemic reptiles assessed = 197

Criteria used for assessing endemic and non-endemic reptiles



Number of threatened endemic reptiles = 110

Number of threatened non-endemic reptiles = 88

Criteria for threat

Totally 198 taxa (44% of all Indian reptiles) are threatened in India of which 110 are endemic (56% of endemic reptiles are threatened) and 88 non-endemic (35% of non-endemic reptiles are threatened). Since roughly 45% of the reptiles in India are endemic, the criterion for threat assessment is heavily skewed towards restricted distribution. One hundred and sixty one taxa of the 197 endemic taxa are found in less than 10 locations. This high percentage (82%) of limited locations to which taxa are confined is the reason for a majority of the endemic taxa to qualify for "Criterion B", for restricted distribution. The same is observed even for non-endemics as 115 of 251 taxa (46%) qualify for criterion B. There is also a very high percentage of single location records for both endemics and non-endemics with 56 and 42 taxa respectively.

Because of limited locations in both endemic and non-endemic taxa, one-third of the threatened taxa are so categorised due to population restriction, "Criterion D". This criterion applies only to the category of Vulnerable where an assessed taxa is limited to either less than 5 locations or less than 100 square kilometres in area of occupancy. Forty-seven endemic and 20 non-endemic taxa are categorised as threatened because of restricted population. A negligible number of taxa are assessed as threatened based on population reduction since population trends are least understood for reptiles.

Threats

Loss of habitat and human interference are the two most common threats facing reptiles in India with fragmentation of habitat also a significant factor. Lack of consistent studies on population dynamics for most of the species preclude confident statements or even inference