

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 2531
TO BE ANSWERED ON 15.12.2015

Protected Species

2531. DR. KIRIT P. SOLANKI:

Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

- (a) the number and names of protected species of animals, birds and plants under the Wild Life Protection Act 1972;
- (b) the details of the steps taken by the Government to ensure protection of those species;
- (c) whether it is fact that several species of turtles and snakes had been seized from different parts of the country and if so, the details thereof; and
- (d) the estimated worth of seized species and the action taken against the persons responsible for the same?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE

(SHRI PRAKASH JAVADEKAR)

- (a) and (b) There are 909 entries of taxa(including species, genus, families, orders and classes) of animals, birds and plants in the various Schedules of the Wild Life (Protection) Act, 1972. The names of protected species of animals, birds and plants in the Wild Life (Protection) Act, 1972 is at **Annexure-1**. The important steps taken by the Government to ensure protection of these species include:
 - i. Legal protection has been provided to wild animals against hunting and commercial exploitation under the provisions of the Wild Life (Protection) Act, 1972.
 - ii. Protected Areas, viz., National Parks, Sanctuaries, Conservation Reserves and Community Reserves covering important wildlife habitats have been created all over the country under the provisions of the Wild Life (Protection) Act, 1972 to conserve wild animals and their habitats.

- iii. Special programmes like 'Project Tiger' and 'Project Elephant' have been launched for conservation of these endangered species and their habitats.
- iv. A specific component of "Recovery programmes for saving critically endangered species and habitats" is provided in the Centrally Sponsored Scheme of 'Integrated Development of Wildlife Habitats' for focused conservation action on selected critically endangered species.
- v. In addition to provision of stringent punishment for the offenders, the Wild Life (Protection) Act, 1972 also provides for forfeiture of any equipment, vehicle or weapon that is used for committing wildlife offence(s).
- vi. Financial and technical assistance is provided to the State/ Union Territory Governments under the Centrally Sponsored Schemes for providing better protection to wildlife including endangered species and improvement of its habitat.
- vii. The Central Bureau of Investigation (CBI) has been empowered under the Wild Life (Protection) Act, 1972 to apprehend and prosecute wildlife offenders.
- viii. The Wildlife Crime Control Bureau has been set up to ensure co-ordination among various officers and State Governments in connection with the enforcement of law for control of poaching and illegal trade in wildlife and its products.

(c) and (d) During the last two years, about 137 cases of Turtles and Snakes seizures have been reported to Wildlife Crime Control Bureau by various agencies in the country. The details of such cases are at **Annexure-2**. Estimation of worth of the seized articles is not done as there is no market value attributed for the such wildlife articles in the country. The respective State/Union Territory Governments have been mandated with taking action against the offenders in accordance with the provisions of the Wild Life (Protection) Act, 1972.

ANNEXURE REFERRED TO IN REPLY TO PART (a) AND (b) OF THE LOK SABHA
UNSTARRED QUESTION NO. 2531 REGARDING 'PROTECTED SPECIES' RAISED
BY DR. KIRIT P. SOLANKI, DUE FOR REPLY OF 15.12.2015

Names of protected species of animals, birds and plants under the Wild Life (Protection)
Act, 1972

SCHEDULE I

PART I
MAMMALS

1. Andaman Wild pig (*Sus sorofa andamanensis*)
2. Bharal (*Ovis nahura*)
3. Binturong (*Arctictis binturong*)
4. Black Buck (*Antelope cervicapra*)
5. Brow-antlered Deer or Thamin (*Cervus eldi*)
6. Himalayan Brown bear (*Ursus arctos*)
7. Capped Langur (*Presbytis pileatus*)
8. Caracal (*Felis caracal*)
9. Catecean species
10. Cheetah (*Acinonyx jubatus*)
11. Chinese Pangolin (*Manis pentadactyla*)
12. Chinkara or India Gazelle (*Gazella gazella bennetti*)
13. Clouded Leopard (*Neofelis nebulosa*)
14. Crab-eating Macaque (*Macaca irus umbrosa*)
15. Desert Cat (*Felis libyca*)
16. Desert fox (*Vulpes bucapus*)
17. Dugong (*Dugong dugon*)
18. Ermine (*Mustele erminea*)
19. Fishing Cat (*Felis viverrina*)
20. Four-horned antelope (*Tetraceros quadricomis*)
21. Gangetic dolphin (*Platanista gangetica*)
22. Gaur or Indian bison (*Bos gaurus*)
23. Golden Cat (*Felis temmincki*)
24. Golden Langur (*Presbytis geei*)
25. Giant squirrel (*Ratufa macroura*)

26. Himalayan Ibex (*Capra ibex*)
27. Himalayan Tahr (*Hemitragus jemlahicus*)
28. Hispid Hare (*Caprolagus hispidus*)
29. Hog badgar (*Arconyx collaris*)
30. Hoolock (*Hylobates hoolock*)
31. Indian Elephant (*Elephas maximus*)
32. Indian Lion (*Panthera leo persica*)
33. Indian Wild Ass (*Equus hemionus khur*)
34. Indian Wolf (*Canis lupas pallipes*)
35. Kashmir Stag (*Cervus elaphus hanglu*)
36. Leaf Monkey (*Presbytis phayrei*)
37. Leopard or Panther (*Panthera pardus*)
38. Leopard Cat (*Felis bengalensis*)
39. Lesser or Red Panda (*Ailurus fulgens*)
40. Lion-tailed Macaque (*Macaca silenus*)
41. Loris (*Loris tardigradus*)
42. Little Indian Porpoise (*Neomeris phocenooides*)
43. Lynx (*Felix lynx isabellinus*)
44. Malabar Civet (*Viverra megaspila*)
45. Malay or Sun Bear (*Helarctos malayanus*)
46. Marbled Cat (*Felis marmorata*)
47. Markhor (*Capra falconeri*)
48. Mouse Deer (*Tragulus meminna*)
49. Musk Deer (*Moschus moschiferus*)
50. Nilgiri Lungur (*Presbytis johni*)
51. Nilgiri Tahr (*Hemitragus hylocrius*)
52. Nyan or Great Tibetan Sheep (*Ovis ammon hodgsoni*)
53. Pallas's Cat (*Felis manul*)
54. Pangolin (*Manis crassicaudata*)
55. Pygmy Hog (*Sus salvanius*)
56. Ratel (*Mellivora capensis*)
57. Rhinoceros (*Rhinoceros unicornis*)
58. Rusty spotted Cat (*Felis rubiginosa*)
59. Serow (*Capricornis sumatraensis*)
60. Clawless Otter (*Aonyx cinerea*)
61. Sloth Bear (*Melursus ursinus*)
62. Slow Loris (*Nycticebus couceang*)
63. Small Travencore Flying Squirrel (*Petinomys fuscocapillus*)
64. Snow Leopard (*Panthera uncia*)
65. Snubfin Dolphin (*Oreaella brevezastris*)
66. Spotted Linsang (*Prionodon pardicolor*)

67. Swamp Deer (All sub-species of *Cervus duvauceli*)
68. Takin or Mishmi Takin (*Budorcas taxicolor*)
69. Tibetan Antelope or Chiru (*Panthelops hodgsoni*)
70. Tibetan Fox (*Vulpes ferrilatus*)
71. Tibetan Gazelle (*Procapra picticaudata*)
72. Tibetan Wild Ass (*Equus beminus kiang*)
73. Tiger (*Panthera tigris*)
74. Urial or Shapu (*Ovis vignei*)
75. Wild Buffalo (*Bubalus bubalis*)
76. Wild Yak (*Bos grunniens*)
77. Tibetan Wolf (*Canis lupus chanco*)
78. Wroughton's free tailed bat (*Otomops wroughtoni*)
79. Salim Ali's fruit bat (*Latidens salimalii*)
80. Hog Deer (*Axis porcinus*)

PART II

AMPHIBIANS AND REPTILES

1. Agra Monitor Lizard [*Varanus griseus* (Daudin)]
2. Audithia Turtle (*Pelochelys bibroni*)
3. Barred, Oval, or Yellow Monitor Lizard (*Varanus flavescens*)
4. Crocodiles (including the Estuarine or salt water crocodile) (*Crocodilus porosus* and *Crocodilus palustris*)
5. Terrapin (*Batagur basika*)
6. Eastern Hill Terrapin (*Melanochelys tricarinata*)
7. Gharial (*Gavialis gangeticus*)
8. Ganges Soft-shelled Turtle (*Trionyx gangeticus*)
9. Golden Gecko (*Caloductyloides aureus*)
10. Green Sea Turtle (*Chelonia mydas*)
11. Hawksbill Turtle (*Eretmochelys imbricata inlscata*)
12. Indian Egg-eating Snake (*Elachistodon westermanni*)
13. Indian Soft-shelled Turtle (*Lissemys punctata punctata*)
14. Kerala Forest Terrapin (*Hoesemys sylvatica*)
15. Large Bengal Monitor Lizard (*Varanus bengalensis*)
16. Leathery Turtle (*Dermochelys coriacea*)
17. Logger Head Turtle (*Caretta caretta*)
18. Olive Back Logger Head Turtle (*Lepidochelys olivacea*)
19. Peacock-marked Soft-shelled Turtle (*Trionyx hurum*)

20. Pythons (Genus *Python*)
21. Sail terrapin (*Kachuga kachuga*)
22. Spotted black Terrapin (*Geoclemys hamiltoni*)
23. Water Lizard (*Varanus salvator*)

PART IIA

FISHES

1. Whale Shark (*Rhincodon typus*)
2. Shark and Ray
 - (i) *Anoxypristis cuspidata* (ii) *Carcharhinus hemiodon*
 - (iii) *Glyphis gangeticus* (iv) *Glyphis glyphis*
 - (v) *Himantura fluviatilis* (vi) *Pristis microdon*
 - (vii) *Pristis zijsron* (viii) *Rhynchobatus djiddensis*
 - (ix) *Urogymus asperrimus*.
3. Sea Horse (*All Sygnathidians*)
4. Giant Grouper (*Ephinephelus lanceolatus*)

PART III

BIRDS

1. Andaman Teal (*Anas gibberifrons allagularis*)
2. Assam Bamboo Partridge (*Bambusicola fytchii*)
3. Bazas (*Aviceda jeordone* and *Aviceda leuphotes*)
4. Bengal Florican (*Eupodotis bengalensis*)
5. Black-necked Crane (*Grus nigricollis*)
6. Blood Pheasants (*Ithaginis cruentus tibetanus*, *Ithaginis cruentus kuseri*)
7. Cheer Pheasant (*Catreus wallichii*)
8. Eastern White Stork (*Ciconia ciconia boyciana*)
9. Forest-spotted Owlet (*Athene blewitti*)
10. Frogmouths (Genus *batrachostomus*)
11. Great Indian Bustard (*Choriotis nigriceps*)
12. Great Indian Hornbill (*Buceros bicornis*)
13. Hawks (*Accipitridae*)
14. Hooded Crane (*Grus monacha*)
15. Hornbills (*Ptilolaemus tickelli austeni*, *Aceros nipalensis*, *Rhyticeros undulatus ticehursti*)

16. Houbara Bustard (*Chlamydotis undulata*)
17. Humes Bar-backed Pheasant (*Syrmaticus humiae*)
18. Indian Pied Hornbill (*Anthracoceros malabaricus*)
19. Jerdon's Courser (*Cursorius bitorquatus*)
20. Lammergeier (*Gypaetus barbatus*)
21. Large Falcons (*Falco peregrinus*, *Falco biarmicus* and *Falco chicuera*)
22. Large Whistling Teal (*Anatidae*)
23. Lesser Florican (*Sypheotides indica*)
24. Monal Pheasants (*Lophophorus impeyanus*, *Lophophorus sclateri*)
25. Mountain Quail (*Ophrysa superciliosa*)
26. Narcondam Hornbill [*Rhyticeros (undulatus) narcondami*]
27. Nicobar Megapode (*Megapodius freycinet*)
28. Nicobar Pigeon (*Caloenas nicobarica pelewensis*)
29. Osprey or Fish-eating Eagle (*Pandion haliaetus*)
30. Peacock Pheasants (*Polyplectron bicalcaratum*)
31. Peafowl (*Pavo cristatus*)
32. Pink-headed Duck (*Rhodonessa caryophyllacea*)
33. Scater's Monal (*Lophophorus sclateri*)
34. Siberian White Crane (*Grus leucogeranus*)
35. Tibetan Snow-Cock (*Tetraogallus tibetanus*)
36. Tragopan Pheasants (*Tragopan melanocephalus*, *Tragopan blythii*, *Tragopan satyra*,
tragopan temminckii)
37. White-bellied Sea Eagle (*Haliaetus leucogaster*)
38. White-eared Pheasant (*Crossoptilon crossoptilon*)
39. White Spoonbill (*Platalea leucorodia*)
40. White-winged Wood Duck (*Cairina scutulata*)
41. Swiftlets (*Collocalia unicolor*)
42. Hill myna (*Gracula religiosa intermedia*, *Gracula religiosa peninsularis*, *Gracula religiosa indica* and *Gracula religiosa amanensis*)
43. Tibetan ear pheasant (*Crossoptilon harmani*)
44. Kalij pheasant (*Lophurs leucomelana*)
45. Lord Derby's parakeet (*Psittacula derbyana*)
46. Vultures (*Gyps indicus*, *Gyps bengalensis*, *Gyps tenuirostris*)
47. White bellied heron (*Ardea insignis*)

PART IV

CRUSTACEA AND INSECTS

Butterflies and Moths

Family Amathusidae

1. *Discophora deo deo*
2. *Discophora sondaica muscina*
3. *Faunis faunula faunuloides*

Family Danaidae

1. *Danaus gautama gautamodius*
2. *Euploea crameri nicevillei*
3. *Euploea midamus roepstorfti*

Family Lycaenidae

1. *Allotinus drumila*
2. *Allotinus fabius penormis*
3. *Amblopala avidiena*
4. *Amblypodia ace arata*
5. *Amblypodia alea constanceae*
6. *Amblypodia ammonariel*
7. *Amblypodia arvina ardea*
8. *Amblypodia asopia*
9. *Amblypodia comica*
10. *Amblypodia opalima*
11. *Amblypodia zeta*
12. *Biduanda melisa cyana*
13. *Callophrys leechii*
14. *Castalius rosimon alarbus*
15. *Charana cephes*
16. *Chlironia othona*
17. *Deudoryx epijarbas amatius*
18. *Everes moorei*
19. *Gerydus biggsii*
20. *Gerydus symethus diopeithes*
21. *Heliophorus hybrida*
22. *Horaga albimacula*
23. *Jamides ferrari*
24. *Liphyra brassolis*
25. *Listeria dudgenni*
26. *Logania Watsoniana subsfasciata*
27. *Lycaenopsis binghami*

28. *Lycaenopsis haraldus ananga*
29. *Lycaenopsis puspa prominens*
30. *Lycaenopsis quadriplaga dohertiya*
31. *Nacaduba noreia hampsoni*
32. *Polyommatus oritulus leela*
33. *Pratapa icetas mishmia*
34. *Simiskina phalena harterti*
35. *Sinthusia virgo*
36. *Spindasis elwesi*
37. *Spindasis rukmini*
38. *Strymonia mackwoodi*
39. *Tajuria ister*
40. *Tajuria luculentus nela*
41. *Tajuria yajna yajna*
42. *Thecla ataxus zulla*
43. *Thecla bleti mendera*
44. *Thecla lethia*
45. *Thecla paona*
46. *Thecla pavo*
47. *Virchola smilis*

Family Nymphalidae

1. *Apatura ulupi ulupi*
2. *Argynnis hegemone*
3. *Callinaga buddha*
4. *Charaxes durnfordi nicholi*
5. *Cirrochroa fasciata*
6. *Diagora nicevillei*
7. *Dillia morgiana*
8. *Doleschallia bisaltide andamana*
9. *Eriboea moorei sandakanas*
10. *Eriboea schreiberi*
11. *Eulaceura manipurensis*
12. *Euthalia durga splendens*
13. *Euthalia iva*
14. *Euthalia khama Curvifascia*
15. *Euthalia tellehinia*
16. *Helcyra hemina*
17. *Hypolimnas missipus*
18. *Limenitis austenia purpurascens*
19. *Limenitis zulema*
20. *Melitaea shandura*

21. *Neptis antilope*
22. *Neptis aspasia*
23. *Neptis columella kankena*
24. *Neptis cydippe kirbariensis*
25. *Neptis ebusa ebusa*
26. *Neptis jumbah binghami*
27. *Neptis manasa*
28. *Neptis nycteus*
29. *Neptis poona*
30. *Neptis sankara nar*
31. *Panthoporia jina jina*
32. *Panthoporia reta moorei*
33. *Prothoc franckii regalis*
34. *Sasakia funebris*
35. *Sophisa chandra*
36. *Symbrenthia silana*
37. *Vanessa antiopa yedunula*

Family Papilionidae

1. *Chilasa clytea clytea f. commixtus*
2. *Papilio elephenor*
3. *Papilio liomedon*
4. *Parnassiusaecogeminifer*
5. *Parnassius delphius*
6. *Parnassius hannynngtoni*
7. *Parnassius imperator augustus*
8. *Parnassius stoliezkanuss*
9. *Polydorus coon sambilana*
10. *Polydorus cerassipes*
11. *Polydorus hector*
12. *Polydorus nevillei*
13. *Polydorus plutonius pembertoni*
14. *Polydorus polla*

Family Pleridae

1. *Aporia harrietae harrietae*
2. *Baltia butleri sikkima*
3. *Colias colias thrasibulus*
4. *Colias dubi*
5. *Delias samaca*

6. *Pieris krueperi devta*

Family Satyriidae

1. *Coelitis mothis adamsoni*
2. *Cyllogenes janetae*
3. *Elymnias peali*
4. *Elymnias penanga chilensis*
5. *Erebia annada annada*
6. *Erebia nara singha nara singha*
7. *Lethe, distans*
8. *Lethe dura gammiel*
9. *Lethe europa tamuna*
10. *Lethe gemina gafuri*
11. *Lethe guluihal guluihal*
12. *Lethe margaritae*
13. *Lethe ocellata lyncus*
14. *Lethe ramadeva*
15. *Lethe satyabati*
16. *Mycalesis orseis nautilus*
17. *Pararge menava maeroides*
18. *Ypthima doherryi persimilis*

1. Coconut or Robber Crab (*Bigrus latro*)
2. Dragon Fly (*Epioplebia laidlawi*)

PART IVA

COELENTERATES

1. Reef Building Coral (All *Scleractinians*)
2. Black Coral (All *Antipatharians*)
3. Organ Pipe Coral (*Tubipora musica*)
4. Fire Coral (All *Millipora* Species)
5. Sea Fan (All *Gorgonians*)

PART IVB

MOLLUSCA

1. *Cassis cornuta*
2. *Charonia tritonis*
3. *Conus milneedwardsi*
4. *Cypraecassis rufa*
5. *Hippopus hippopus*
6. *Nautilus pompilius*
7. *Tridacna maxima*
8. *Tridacna squamosa*
9. *Tudicla spirallus*.

PART IV-C
ECHINODERMATA

Sea Cucumber (All *Holothurians*)

SCHEDULE II

PART I

1. Assamese macaque (*Macaca assamensis*)
2. Bengal Porcupine (*Atherurus mecrourus assamensis*)
3. Bonnet macaque (*Macaca radiata*)
4. Cetatean spp. (other than those listed in Sch. I and Sch. II, Part II)
5. Common langur (*Presbytis entellus*)
6. Ferrest Badgers (*Melogale moschata*, *Melogale personata*)
7. Himalayan Crestless Porcupine (*Hystrix hodgsoni*)
8. Himalayan Newtor Salamander (*Tyletrotiton verrucosus*)
9. Pig-tailed macaque (*Macaca nemestrina*)
10. Rhesus macaque (*Macaca mulatta*)
11. Stump-tailed macaque (*Macaca speciosa*)
12. Wild dog or dhole (*Cuon alpinus*)
13. Chameleon (*Chameleon calcaratus*)
14. Spiny-tailed Lizard or Sanda (*Uromastix hardwickii*)

PART II

Beetles

Family Carabidae

Agonotrechus andrewesi

Amara brucei

Amara elegantula

Brachinus atripennis

Brososoma gracile

Brosous bipillifer

Brotero vicollis

Calathus amaroides

Callistominus belli

Chalenius championi

Chlaenius kanarae

Chalenius masoni

Chlaenius nilgircus

Family Chrysomelidae

1. *Acrocrypta rotundata*

2. *Bimala indica*

3. *Clitea indica*

4. *Gopala pita*

5. *Griva cyanipennis*

6. *Nisotra cardoni*

7. *Nistora madurensis*

8. *Nistora nigripennis*

9. *Nistora semicoreulea*

10. *Nisotra striatipennis*

11. *Nonarthra patkaia*

12. *Psylliodes plana*

13. *Psyllidoes shira*

14. *Sebaethe cervina*

15. *Sebaethe patkaia*

16. *Sphaeroderma brevicorne*

Family Cucujidae

1. *Carinophlocus raffrayi*

2. *Cucujus bicolor*

3. *Cucujus grouvelle*

4. *Cucujus imperialis*

5. *Heterojinus semilaetaneus*

6. *Laemophloeus belli*

7. *Laemophloeus incertus*

8. *Pediacus rufipes*

Family Inoepidae

1. *Inoepus albonotalus*

Family Amathusidae

2. *Aemona amathusia amathusia*
3. *Amathusia phildippus andamanicus*
4. *Amathusia amythaonam*
5. *Discophora deo deodoides*
6. *Discophora lepida lepida*
7. *Discophora timora andamanensi*
8. *Enispe cynus*
9. *Faunis sumeus assama*
10. *Sticopthalma nourmahal*
11. *Thauria aliris amplifascia*

Family Danaidae

1. *Euploea melanaleuca*
2. *Euploea midamus rogenhofer*

Family Erycinidae

1. *Abisara kausambi*
2. *Dodona adonira*
3. *Dodona dipoea*
4. *Dodona egeon*
5. *Libythea lepita*

Family Hesperidae

1. *Baoris phidippina*
2. *Bebasa sena*
3. *Halpe homolea*

Family Lycaenidae

1. *Allotinus subviolaceus manychus*
2. *Amblypodia aenea*
3. *Amblypodia agabaurelia*
4. *Amblypodia agrata*
5. *Amblypodia alesia*
6. *Amblypodia apidanus ahamus*
7. *Amblypodia areste areste*

8. *Amblypodia bazaloides*
9. *Amblypodia camdeo*
10. *Amblypodia ellisi*
11. *Amblypodia fulla ignara*
12. *Amblypodia genesa watsoni*
13. *Amblypodia paraganesa zephyreeta*
14. *Amblypodia paralea*
15. *Amblypodia silhetensis*
16. *Amblypodia suffuse suffusa*
17. *Amblypodia yendava*
18. *Apharitis lilacinus*
19. *Araotes lapithis*
20. *Artipe eryx*
21. *Bindahara phocides*
22. *Bothrinia chennellia*
23. *Castalius roxus manluena*
24. *Catapoecilma delicatum*
25. *Catapoecilma elegans myositina*
26. *Charana jalindra*
27. *Cheritrella truncipennis*
28. *Chliaria kina*
29. *Deudoryx hypargyria gaetulia*
30. *Enchrysops onejus*
31. *Everes kala*
32. *Helipphorus androcles moorei*
33. *Horage onyx*
34. *Horage viola*
35. *Hypolycaena nilgirica*
36. *Hypolycaena theclodies nicobarica*
37. *Iraota rochana boswelliana*
38. *Jamides alectokandulana*
39. *Jamides celeodus pura*
40. *Jamides kankena*
41. *Lampides boeticus*
42. *Lilacea albocaerulea*
43. *Lilacea atroguttata*
44. *Lilacea lilacea*
45. *Lilacea melaena*
46. *Lilacea minima*
47. *Logania massalia*
48. *Lycaenesthes lycaenina*

49. *Mahathala ameria*
50. *Mahathala atkinsoni*
51. *Magisba malaya presbyter*
52. *Nacaduba aluta coelestis*
53. *Nacaduba ancyra aberrans*
54. *Nacaduba dubiosa fulva*
55. *Nacaduba helicon*
56. *Nacaduba hermus major*
57. *Nacaduba pactolus*
58. *Neucheritra febronia*
59. *Niphanda cymbia*
60. *Orthomiella pontis*
61. *Pithecopus fulgens*
62. *Polymmatus devanica devancia*
63. *Polymmatus metallica metallica*
64. *Polymmatus orbitulus jaloka*
65. *Polymmatus yeonghusbandi*
66. *Poritia erycinoides elsiei*
67. *Poritia hewitsoni*
68. *Poritia plsurata geta*
69. *Pratapa bhetes*
70. *Pratapa blanka*
71. *Pratapa deva*
72. *Pratapa icetas*
73. *Rapala buxaria*
74. *Rapala chandrana chandrana*
75. *Rapala nasaka*
76. *Rapala refalgens*
77. *Rapala rubida*
78. *Rapala scintilla*
79. *Rapala ophinx ophinx*
80. *Rapala varuna*
81. *Spindasis elima elima*
82. *Spindasis lohita*
83. *Spindasis nipalicus*
84. *Suasa lisides*
85. *Surendra todara*
86. *Tajuria albiplaga*
87. *Tajuria cippus cippus*
88. *Tajuria culta*
89. *Tajuria diaeus*

90. *Tajuria illurgioides*
91. *Tajuria illurgis*
92. *Tajuria jangala andamanica*
93. *Tajuria melastigma*
94. *Tajuria sebonga*
95. *Tajuria thydia*
96. *Tajuria yajna istroides*
97. *Tarucus callinara*
98. *Tarucus dharta*
99. *Thaduka malticaudata malkanda*
100. *Thecla ataxus ataxus*
101. *Thecla bitel*
102. *Thecla icana*
103. *Thecla jakamensis*
104. *Thecla kabreea*
105. *Thecla khasia*
106. *Thecla kirbariensis*
107. *Thecla suroia*
108. *Thecla syla assamica*
109. *Thecla vittata*
110. *Thecla ziba*
111. *Thecla zoa*
112. *Thecla usta*
113. *Una usta*
114. *Yasoda tripunctata*

Family Nymphalidae

1. *Adolias cyanipardus*
2. *Adolias dirtea*
3. *Adolias khasiana*
4. *Apatura chevana*
5. *Apatura parvata*
6. *Apatura sordida*
7. *Apatura ulupi florenciae*
8. *Argynnis adippe pallida*
9. *Argynnis altissima*
10. *Argynnis clara clara*
11. *Argynnis pales horla*
12. *Atella iscippe*
13. *Calinaga buddha brahama*
14. *Charaxes aristogiton*

15. *Charaxes fabius sulphureus*
16. *Charaxes nabruba*
17. *Charaxes marmax*
18. *Charaxes polyxena heman*
19. *Chersonesia rahria arahrioides*
20. *Cyrestis cocles*
21. *Diagora persimilis*
22. *Doleschallia bisaltide malabarica*
23. *Eriboea athames andamanicus*
24. *Eriboea delphis*
25. *Eriboea dolen*
26. *Eriboea harcoea lissainei*
27. *Euripus consimilis*
28. *Euripus halitherses*
29. *Euthalia anosia*
30. *Euthalia cocytus*
31. *Euthalia duda*
32. *Euthalia durga durga*
33. *Euthalia evalina landabilis*
34. *Euthalia franciae*
35. *Euthalia garuda acontius*
36. *Euthalia lepidea*
37. *Euthalia merta eriphyle*
38. *Euthalia nara nara*
39. *Euthalia patala taocana*
40. *Euthalia teuta*
41. *Horona marathus andamana*
42. *Hypolimnas missipus*
43. *Hypolimnas polynice birmana*
44. *Kallima albofasciata*
45. *Kallima alompra*
46. *Kallima philarchus horsfieldii*
47. *Limenitis austenia austenia*
48. *Limenitis damava*
49. *Limenitis dudu*
50. *Melitaea robertsi lutko*
51. *Neptis ananta*
52. *Neptis aurelia*
53. *Neptis anjana nashona*
54. *Neptis magadh khasiana*
55. *Neptis nandina hamsoni*

56. *Nethis narayana*
57. *Neptis radha radha*
58. *Neptis soma*
59. *Neptis zaida*
60. *Neurosigma doublodayi doubledayi*
61. *Pantoporia asura asura*
62. *Pantoporia kanwa phorkys*
63. *Pantoporia larymna siamensis*
64. *Pantoporia pravara acutipennis*
65. *Pantoporia ranga*
66. *Parthenos sylvia*
67. *Penthema lisarda*
68. *Symbrenthia niphanda*
69. *Vanesa egea agnicula*
70. *Vanesa lalbum*
71. *Vanesa polychloros fervida*
72. *Vanesa prarsoides dohertyi*
73. *Vanesa urticae rizama*

Family Papilionidae

1. *Bhutanitis liderdalii*
2. *Chilasa epycides epycides*
3. *Chilasa paradoxa telearchus*
4. *Chilasa slateri slateri*
5. *Graphium aristeus anticrates*
6. *Graphium arycles arycles*
7. *Graphium eurypylus macronius*
8. *Graphium evemon albociliates*
9. *Graphium gyas gyas*
10. *Graphium megarus megarus*
11. *Papilio bootes*
12. *Papilio buddha*
13. *Papilio fuscus andamanicus*
14. *Papilio machaon verityi*
15. *Papilio mayo*
16. *Parnassius charltonius charltonius*
17. *Parnassius epaphus hillensis*
18. *Parassius jacquemonti jacquemonti*
19. *Polydorus latreillei kabrua*
20. *Polydorus plutonius tytleri*
21. *Teinopalpus imerialis imperialis*

Family Pieridae

1. *Aporia nabellica*
2. *Appias albino darada*
3. *Appias indra shiva*
4. *Appias lyncida latifasciata*
5. *Appias wardi*
6. *Baltia butleri butleri*
7. *Cepora nadian remba*
8. *Cepora nerissa dapha*
9. *Colias ecocandicah inducucica*
10. *Colias eogene*
11. *Colias ladakensis*
12. *Colias stoliczkana miranda*
13. *Delias lativitta*
14. *Dercas lycorias*
15. *Euchloe charlonia lucilla*
16. *Eurema andersoni ormistoni*
17. *Metaporia agathon*
18. *Pieris deota*
19. *Pontia chloridice alipina*
20. *Saletara panda chrysaea*
21. *Valeria avatar avatar*

Family Satyridae

1. *Aulocera brahminus*
2. *Cyllogenes suradeva*
3. *Elymnias malelas milamba*
4. *Elymnias vasudeva*
5. *Erebia annada suroia*
6. *Erebia hydriva*
7. *Erebia kalinda kalinda*
8. *Erebia manii manii*
9. *Erebia seanda opima*
10. *Erites falcipennis*
11. *Hipparchis hoydenreichi shandura*
12. *Lethe atkinsoni*
13. *Lethe baladeva*
14. *Lethe brisanda*
15. *Lethe goalpara goalpara*

16. *Lethe insane insana*
17. *Lethe jalaurida*
18. *Lethe kaubra*
19. *Lethe latiaris latiaris*
20. *Lethe moelleri moelleri*
21. *Lethe naga naga*
22. *Lethe nicetella*
23. *Lethe pulaha*
24. *Lethe scanda*
25. *Lethe serbonis*
26. *Lethe siderca*
27. *Lethe sinorix*
28. *Lethe tristigmata*
29. *Lethe violaceodicta kanjupkula*
30. *Lethe visrava*
31. *Lethe yama*
32. *Maniola davendra davendra*
33. *Melanitis zitenius*
34. *Myscalesis adamsoni*
35. *Myscalesis anaxias*
36. *Myscalesis quotama chamka*
37. *Myscalesis heri*
38. *Myscalesis lepcha bethami*
39. *Myscalesis malsarida*
40. *Myscalesis mestra*
41. *Myscalesis misenus*
42. *Myscalesis mystes*
43. *Myscalesis suavolens*
44. *Neorina hilda*
45. *Neorina patria westwoodii*
46. *Oeneis buddha quaurhwalica*
47. *Parantirrhoea marshali*
48. *Pararge maerula maefula*
49. *Ragadia crislda crito*
50. *Rhpicera sitricus kabrua*
51. *Ypthima bolanica*
52. *Ypthima lycus lycus*
53. *Ypthima mathora mathora*
54. *Ypthima similis affectata*
55. *Zipotis saitis*

1. Civets (all species of *Viverridae* except Malabar civet)
2. Common fox (*Vulpes bengalensis*)
3. Flying squirrels (all species of the genera *Bulopetes*, *Petaurista*, *Pelomys* and *Eupetaurus*)
4. Giant squirrels (*Ratufa indica* and *Ratufa bicolor*)
5. Himalayan brown bear (*Ursus arctos*)
6. Himalayan black bear (*Selenarctos thibetanus*)
7. Jackal (*Canis aureus*)
8. Jungle cat (*Felis chaus*)
9. Marmots (*Marmota bobak himalayana*, *Marmota caudata*)
10. Martens (*Martes foria intermedia*, *Martes flavigule*, *Martes gwatkinsii*)
11. Otters (*Luthra*, *L. perspicillata*)
12. Pole cats (*Vormela peregusna*, *Mustila poturius*)
13. Red fox (*Vulpes vulpes*, *vulpes montana*, *vulpes griffithi*)
14. Sperm whale (*Physeter macrocephalus*)
15. Weasells (*Mustela Sibirica*, *Mustela Kathian*, *Mustela Altaica*)
16. Checkered keelback snake (*Xenochrophis piscatar*)
17. Dhaman or rat snake (*Plyas mucosus*)
18. Dog-faced water snake (*Carbrus rhynchops*)
19. Indian cobras (all sub-species belonging to genus *Naja*)
20. King cobra (*Ophiophagus hannah*)
21. Oliveaceous keelback (*Artaetium schistosum*)
22. Russel's viper (*Vipera ruselli*)
23. Varanus species (excluding yellow monitor lizard)
24. Mongooses (All species of genus *Herpestes*)
25. Grey jungle fowl (*Gallus sonnerati*)

SCHEDULE-III

1. Barking deer or muntjac (*Muntiacus muntjak*)
2. Chital (*Axixaxis*)
3. Gorals (*Nemorhaedus goral*, *Nemorhaedus hodgsoni*)
4. Hyaena (*Hyaena hyaena*)
5. Nilgai (*Boselaphus tragocamelus*)
6. Sambar (*Cervus unicolor*)
7. Wild pig (*Sus scrofa*)
8. Sponges (all *Calcareans*)

SCHEDULE IV

1. Five-striped plam squirrel (Funambuluspennanti)]
2. Hares (Black Naped, Common Indian, Desert, Himalayan mouse hare)
3. Hedge hog (Hemiechinusauritus)]
4. Indian porcupine (Hystrixindica)]
5. Pole cats (Vormelaperegusna, Mustelaputorius)

Birds

1. Avadavat (Estrildinae)
2. Avocet (Recurvirostridae)
3. Babblers (Timaliinae)
4. Barbets (Capitonidae)
5. Barnowls (Tytonknae)
6. Bitterns (Ardeidae)
7. Brown-headed gull (Larusbrunnicephalus)
8. Bulbuls (Pycnonotidae)
9. Buntings (Emberizidae)
10. Bustorda (Otididae)
11. Bustard-Qualis (Turnicidae)
12. Chloroppsis (Irenidae)
13. Comb duck (Sarkidiornismelanotes)
14. Coots (Rallidae)
15. Cormorants (Phalacrocoracidie)
16. Cranes (Gruidae)
17. Cuckoos (Cuculidae)
18. Curlews (Sealopacinae)
19. Darters (Phalacrocoracidae)
20. Doves including the Emerald Dove (Columbidae)
21. Drongos (Dicruridae)
22. Ducks (Anatidae)
23. Egrets (Ardeidae)
24. Fairy Blue Birds (Irenidae)
25. Falcons (Falconidae), excepting the Shaheen and Peregrine falcons (*Falco peregrinus*), the shaker and Lagger falcons (*F. biarmicus*), and the redheaded merlin (*F. chicquera*)
26. Finches including the chaffinch (Fringillidae)
27. Falmingos (Phoenicopteridae)
28. Flowerpeckers (Dicaeidae)
29. Flycatchers (Muscicapidae)
30. Geese (Anatidae)

31. Goldfinch and allies (Carduelinae)
32. Grebes (Pooicipididae)
33. Herons (Ardeidae)
34. Ibises (Threskiornithidae)
35. Iorars (Irenidae)
36. Jays (Corvidae)
37. Jacanas Gacnidae)
38. AJunglefowl (Phasianidae)
39. Kingfishers (Alcedinidae)
40. Larks (Alcedinidae)
41. Lorikeets (Psittacidae)
42. Magpies including the Hunting magpie (Corvidae)
43. Mannikins (Estrildinae)
44. Megapodes(Megapodidae)
45. Minivest (Campephagidae)
46. Munias (Estrildinae)
47. Mynas (Sturnidae)
48. Nightijara (Caprimalgidae)
49. Orioles (Oriolidae)
50. Owls (Strigidae)
51. Oystercatchers (Haematopodidae)
52. Parakeets (Psittacidae)
53. Partridges (Phasianidae)
54. Pelicans (Pelecanidae)
55. Pheasants (Phasianidae)
56. Pigeons (Columbidae)
57. Pipits (Motacillidae)
58. Plovers (Charadriinae)
59. Quails (Phasianidae- *except Cotturnix japonica (Japanese Quails) of farm bred variety*)
60. Rails (Rallidae)
61. Rollers or Blue Jays (Coraciidae)
62. Sandgrouses (Pteroclididae)
63. Sandpipers (Scolopacinae)
64. Snipes (Scolopacinae)
65. Spurfowls (Phasianidae)
66. Starlings (Sturnidae)
67. Stone Curlew (Burhinidae)
68. Storks (Ciconiidae)
69. Stilts (Recurvirostridae)
70. Sunbirds (Nectariniidae)

71. Swans (Anatidae)
72. Teals (Anatidae)
73. Thrushes (Turdidae)
74. Columba livia
75. Tits (Paridae)
76. Tree pies (Corvidae)
77. Trogons (Trogonidae)
78. Vultures (Accipitridae)
79. Waxbills (Estrildinae)
80. Weaver Birds or Bayas (Ploceidae)
81. White-eyes (Zosteropidae)
82. Woodpeckers (Picidae)
83. Wrens (Troglodytidae)

Snakes

1. Amblycephalidae
2. Amilidae
3. Boidae
4. Colubridae
5. Dasypetidae (Egg-eating snakes)
6. Elapidae (Cobras; Kraits, and Coral Snakes)
7. Glauconidae
8. Hydrophidae (Fresh water and sea snakes)
9. Tlysiidae
10. Leptotyphlopidae
11. Typhlopidae
12. Uropeltidae
13. Viperidae
14. Xenopeltidae

1. Fresh Water Frogs (*Rana* spp.)
2. Three-keeled Turtle (*Geoemydastricarinata*)
3. Tortoise (Testudinidae, Tryonychidae)
4. Tokay gecko (*Gekko gecko*)
5. Viviparous toads (*Nectophrynoides* sp)

Butterflies and Moths

Family Danaidae

1. *Euploca core simulatrix*
2. *Euplocacrassa*
3. *Euploca diocletianus ramsahai*
4. *Euploca muleiber*

Family Hesperilidae

1. *Baoris farri*
2. *Hasora vitta*
3. *Hyarotis adrastus*
4. *Oriens concinna*
5. *Pelopidas assamensis*
6. *Pelopidas sinensis*
7. *Polytremadiscreta*
8. *Polytremarubricans*
9. *Thoressahoriorei*

Family Lycaenidae

1. *Tarucus ananda*

Family Nymphalidae

1. *Euthalia lubentina*

Family Pieridae

1. *Aporiaagath onariaca*
2. *Appiasli bythea*
3. *Appiadnerogalba prionerissita*

Mollusca

1. *Cypraea lamacina*
2. *Cypraea mappa*
3. *Cypraea talpa*
4. *Fasciolaria trapezium*
5. *Harpulina arausiaca*
6. *Lambis chiragra*
7. *Lambis chiragra arthiritica*
8. *Lambis crocea*
9. *Lambis millepeda*
10. *Lambis scorpious*
11. *Lambis truncata*
12. *Placenta placenta*
13. *Strombus plicatus siboldi*
14. *Trochus niloticus*

15. *Turbo marmoratus*

1. Horseshoe Crabs (*Tachypleaus gigas and Carcinoscopus rotundicaudata*)

SCHEDULE-V

VERMINS (Common Crow, Fruit bats, Mice and Rats)

SCHEDULE VI

1. Beddome's cycad (*Cycas beddomei*)
2. Blue Vanda (*Vanda soerulec*)
3. Kuth (*Saussurea lappa*)
4. Ladies slipper orchids (*Paphiopedilum spp.*)
5. Pitcher plant (*Nepenthes khasiana*)
6. Red Vanda (*Ranantthera inschootiana*)

ANNEXURE-2

**ANNEXURE REFERRED TO IN REPLY TO PART (b) AND (c) OF THE LOK SABHA
UNSTARRED QUESTION NO. 2531 REGARDING 'PROTECTED SPECIES' RAISED
BY DR. KIRIT P. SOLANKI, DUE FOR REPLY OF 15.12.2015**

**Important cases of Turtles and Snakes reported to Wildlife Crime Control Bureau by
various agencies**

S.No	STATES	YEAR			
		2013	SPECIES	2014	SPECIES
1	A&N ISLAND	1	1. Rough Scaled sand boa-1 2. India sand boa-1 3. Monoled Cobra-1	Nil	-
2	Andhra Pradesh	1	Python-1	2	Sand Boa -1 kg. Tortoise-916
3	Bihar	1	Tortoise-1020	1	Tortoise-1152
4	Kerala	12	Indian cobra-1 Snake Venom- 1.00Ltr. Star Tortoise-2 26 Indian Black Turtle- 1	Nil	-
5	Maharahstra	7	Snake Poison-2 Ltr., Snake-1, Snake poison-4 Mg., Snake-1, Snake-2, Snake Poison-17 ml. Tortoise-1	1	Indian Tent Turtles- 19 Star Tortoise-15
6	Chandigarh	Nil	Not Applicable	1	01 Live Snake and 600 ML. Bottle of Poison of Snake
7	Chhattisgarh	Nil	Not Applicable	4	Nag Skin-5
8	Goa	Nil	Not Applicable	1	Cobra Snake Venom-1 Ltr. (For the purpose of sale to propective customer, costing value of Rs. 1 Crore approxamately)

9	Delhi	3	Live Indian Star Tortoise-1 Live Spotted black Terrapin-2 Live India soft shelled turtle-1 Sea Turtle-1	4	Sand Boas-4 Live Cobra -2 Live Cobra -1 Live Rat Snake-1 Live Indian Soft Shelled turtle-27
10	Haryana	6	Snake-1 Tortoise-1 Tortoise-1 Tortoise-1 Tortoise-1 Tortoise-1	Nil	-
11	Madhya Pradesh	9	Dead Snake Skin-1 Live Snake-3 Dead Python-1 Live Snake-7 Live Turtle-1 Dead turtle-20 Live Turtle-2 Green Turtle-36	5	Dead Python-2 Live Snake-13 Dead Snake-1 Dead Turtle-1
12	Tamil Nadu	1	Snake-1 No. 1. Sea Turtle-1 No. 2	1	Star Tortoise-50
13	Uttar Pradesh	19	Dead Python -2 Live Snake-11 Kobra-2 Live Turtle-6 Tortoise-361 Alive Tortoise-165, Alive Tortoise-1045, Alive Tortoise-28, Alive Tortoise-623 Alive Tortoise-79 Alive - 80	34	Sallu snake khapte-22 & Turtle-2 Python-3 Red Sand Boa-1 Tortoise-21 Live Tortoise-1559 Live Tortoise-6 Tortoise-126 Turtle-18 Live Tortoise-320 Tortoise Carcass-35 Live turtle-1 Live Tortoise-108 Turtle-1 Live Tortoise-1399

14	Uttarakhand	1	Tortoise-1	3	Live Tortoise-196
15	West Bengal	4	Red Sand Boa-1 Turtle-1, Eastern Hill Terapin-206 Nos. I.S.S. Turtle-12 Nos. I.S.S. Turtle Shell -2 Nos	15	Red sand Boa-2 Nos.I.S.S- Turtle -4 nos. Ganges. Turtle Flesh-37 Kgs., Ganges. Turtle Shell -2 Nos., I.S.S. Turtle-2 Nos. I.S.S. Turtle-2 Nos. Spotted Pond Turtle -1118, Eastern Hill Terrapin-10 Nos Asian Giant Softshell Turtle-3 Nos. Indian Tent Turtle, -5 Nos. Star Tortoise-3 Nos. Indian Flap shelled- 39 Nos. Turtle (Til Kachim)-25 Kgs Turtle-1800 Nos. Live tortoise-121 Pcs. Live Sea Turtle- 12 Pcs. Turtles-715
	TOTAL	65		72	
