

Quercus acutissima

Sawtooth oak

Introduction

The genus *Quercus* contains approximately 300 species worldwide with distribution in Asia, Africa, Europe and North America. Thirty-five species are recorded in the revised *Flora of China*. Members of the genus *Quercus* grow in almost every province of the country due to their high economic value^[74].

Taxonomy

Order Fagales

Family Fagaceae

Genus *Quercus* L.

Species *Quercus acutissima* Carruth

Description

Quercus acutissima is a deciduous tree that can reach a height of 30 m and a diameter of one meter. The bark is dark grayish brown with deep longitudinal fissures. Young shoots are grayish yellow with grayish yellow pubescence becoming glabrescent, and light yellow lenticels. Winter buds are conical and pubescent. The leaves, 8-19 cm long and 2-6 cm wide, may



Species of *Quercus* in China^[74, 194]

Scientific Name	Scientific Name
<i>Q. acrodonta</i> Seem.	<i>Q. marlipoensis</i> Hu et Cheng
<i>Q. acutissima</i> Carruth.	<i>Q. mongolica</i> Fisch. ex Ledeb ^{IV}
<i>Q. aliena</i> Bl.	<i>Q. monimotricha</i> Hand-Mazz.
<i>Q. aquifolioides</i> Rehd. et Wils.	<i>Q. oxyphylla</i> (Wils.) Hand.-Mazz.
<i>Q. baronii</i> Skan	<i>Q. palustris</i> Muench.
<i>Q. bawanglingensis</i> Huang, Li et Xing	<i>Q. phillyraeoides</i> A. Gray
<i>Q. chenii</i> Nakal	<i>Q. rehderiana</i> Hand.-Mazz. ^V
<i>Q. cocciferoides</i> Hand.-Mazz.	<i>Q. robur</i> L.
<i>Q. dentata</i> Thunb.	<i>Q. semecarpifolia</i> Smith
<i>Q. dolicholepis</i> A. Camus	<i>Q. senescens</i> Hand.-Mazz.
<i>Q. engleriana</i> Seem. ^I	<i>Q. serrata</i> Thunb
<i>Q. fabri</i> Hance	<i>Q. setulosa</i> Hick. et A. Camus
<i>Q. franchetii</i> Skan	<i>Q. spinosa</i> David. ex Franch. ^{VI}
<i>Q. griffithii</i> Hook. F. et Thoms. ex Miq.	<i>Q. tarokoensis</i> Hayata
<i>Q. guajavifolia</i> Lévl. ^{II}	<i>Q. utilis</i> Hu et Cheng
<i>Q. kingiana</i> Craib	<i>Q. variabilis</i> Bl.
<i>Q. lanata</i> Smith ^{III}	<i>Q. yunnanensis</i> Franch. ^{VII}
<i>Q. lodicosa</i> E. F. Warb.	

^{*}51 species, 14 varieties and 1 form in *FRPS*. Some species excluded from *FOC* are hybrids, or synonyms, listed below^[32].

^Irecorded as *Q. kongshanensis* Y. C. Hsu et H. W. Jen and *Q. lanceolata* S. Z. Qu et W. H. Zhang in *FRPS*

^{II} recorded as *Q. pannosa* Hand.-Mazz. in *FRPS*

^{III} recorded as *Q. tungmaiensis* Y. T. Chang. in *FRPS*

^{IV} recorded as *Q. wutaishanica* Mayr. in *FRPS*

^V recorded as *Q. longispica* (Hand.-Mazz.) A. Camus. in *FRPS*

^{VI} recorded as *Q. gilliana* Rehd. et Wils. in *FRPS*

^{VII} recorded as *Q. malacotricha* A. Camus in *FRPS*

have varied morphology, but oblong elliptic is the most commonly observed shape. The leaf apex is acuminate, base rounded to broadly cuneate, margin serrate. Young upper and lower leaf surfaces are pubescent becoming sparsely pubescent along the lower leaf veins. The glabrate petiole is about 1-3 cm in length. From March to April, catkins form in the leaf axils. The cupules are 1.5 cm in length and 2-4 cm in diameter. Bractlets are subulate to ligulate, revolute with a grayish white tomentum. In September to October of the following year, *Quercus acutissima* produces ovoid to ellipsoid acorns that are 1.5-2 cm long and 1.7-2.2 cm wide [194].

Habitat

Q. acutissima occurs on sunny slopes, in pure forests or mixed forests at elevations of 60-2200 m. in the provinces of Liaoning, Hebei, Shandong, as well as southwestern China [194].

Distribution

Q. acutissima is reported to occur in Anhui, Fujian, Guangdong, Guangxi,

Guizhou, Hainan, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Shaanxi, Shandong, Shanxi, Sichuan, Yunnan, Zhejiang, and probably Gangsu, and southeastern Xizang provinces [74, 79].

Q. acutissima is cultivated in Taiwan [76].

Economic Importance

Q. acutissima has a ring-porous wood used for making cross ties, timbers, and furniture. The leaves can be used as a food source for a silkworm that produces a type of coarse silk. It is also used as forage and as a starch source for industrial use. The acorns and bark can be used in the tanning process [194].

Related Species

Two varieties have been reported. *Q. acutissima* var. *septentrionalis* Liou, which occurs in Hebei and Shandong, has glabrous or sparsely pubescent young shoots, whereas *Q. acutissima* var. *depressinucata* H. W. Jen et R.Q.Gao, with flattened round acorns, occurs on slopes or in valleys at elevations of 150-300



m in Shandong province [74].

Natural Enemies of Quercus

Eighty-six species of fungi and 606 arthropods have been found in association with members of the genus *Quercus*. Most of the arthropods are regarded as pest species in China.

Fungi

Phylum	Family	Species	H. R.	Ref
Ascomycota	Asterinaceae	<i>Prillieuxina sinensis</i> Petr.	mo	[26]
	Botryosphaeriaceae	<i>Macrophoma fusispora</i> Bubák	oo	[26]
		<i>Macrophoma suberis</i> var. <i>nigromaculata</i> Keissl.	mo	[26]
	Capnodiaceae	<i>Caldariomyces fumago</i> Woron.	po	[26]I
		<i>Hypocapnodium setosum</i> (Zimm.) Speg.	po	[26]
		<i>Neocapnodium tanakae</i>	po	[26]
		<i>Scorias communis</i> W. Yamam.	po	[26]
		<i>Triposporiopsis spinigera</i> (Höhn.) W. Yamam.	po	[26]
	Chaetothyriaceae	<i>Chaetothyrium javanicum</i> (Zimm.) Boedijn	po	[26]II
	Coccoideaceae	<i>Coccodiscus quercicola</i> Henn.	oo	[26]
	Dermateaceae	<i>Gloeosporium quercuum</i> Miura	mo	[26]
	Erysiphaceae	<i>Cystotheca lanestris</i> (Harkn.) Sacc.	p	[24]
		<i>Cystotheca wrightii</i> Berk. & M.A. Curtis	oo	[24]
		<i>Erysiphe betae</i> (Vaňha) Weltzien	po	[26]III
<i>Erysiphe gracilis</i> R. Y. Zheng & G.Q. Chen		oo	[24]	
<i>Erysiphe sikkimensis</i> Chona, J.N. Kapoor & H.S. Gill		po	[24]	

Phylum	Family	Species	H. R.	Ref	
		<i>Microsphaera alphitoides</i> Griffon & Maubl.	o	[24]	
			p	[26]	
		<i>Microsphaera hypophylla</i> Nevod.	o	[24]	
		<i>Phyllactinia roboris</i> (Gachet) S. Blumer	po	[26]	
			po	[24]	
		<i>Sphaerotheca lanestris</i> Harkn.	p	[26]	
		<i>Sphaerotheca wrightii</i> (Berk. & M.A. Curtis) Höhn.	mo	[26]	
		<i>Typhulochaeta japonica</i> S. Ito & Hara	oo	[24]	
			po	[26]	
		<i>Uncinula septata</i> E.S. Salmon	oo	[24]	
			oo	[26]	
		Meliolaceae	<i>Asteridiella cyclobalanopsidicola</i> (W. Yamam.) Hansf.	po	[72]IV
			<i>Asteridiella quercina</i> (Hansf.) Hansf.	po	[72]V
			<i>Irenina quercina</i> Hansf.	mo	[26]
	<i>Meliola cyclobalanopsina</i> var. <i>cyclobalanopsina</i>		po	[72]	
	<i>Meliola cyclobalanopsina</i> W. Yamam.		po	[26]	
	<i>Meliola shiiae</i> W. Yamam.		p	[72]	
	<i>Meliola taiyuensis</i> W. Yamam.		p	[72]	
			oo	[26]	
		<i>Meliola taiwaniana</i> W. Yamam.	p	[72]	
	Phyllachoraceae	<i>Trabutia sinensis</i> Arx & E. Müll.	mo	[26]	
	Rhytismataceae	<i>Coccomyces dentatus</i> (J.C. Schmidt & Kunze) Sacc.	mo	[26]VI	
	Rutstroemiaceae	<i>Lambertella guizhouensis</i> W.Y. Zhuang & Korf	oo	[230]	
		<i>Rutstroemia sydowiana</i> (Rehm) W.L. White	oo	[230]	
	Sclerotiniaceae	<i>Ciboria batschiana</i> (Zopf) N.F. Buchw.	mo	[26]VII	
		<i>Ciboria bolaris</i> (Batsch) Fuckelel	oo	[230]	
	Taphrinaceae	<i>Taphrina caerulescens</i> (Desm. & Mont.) Tul.	mo	[26]	
	Valsaceae	<i>Cryptoderis quercina</i> Teng	oo	[26]	
<i>Cytospora microspora</i> (Corda) Rabenh.		oo	[26]		
<i>Linospora conflicta</i> (Cooke) Sacc.		oo	[26]		
Venturiaceae	<i>Acantharia sinensis</i> (Petr.) Arx	mo	[26]		
Basidiomycota	Cronartiaceae	<i>Cronartium quercuum</i> (Berk.) Miyabe ex Shirai	p	[26]	
	Fomitopsidaceae	<i>Fomitopsis castanea</i> Imazeki	oo	[26]VIII	
		<i>Fomitopsis pinicola</i> (Sw.) P. Karst.	po	[26]	
	Ganodermataceae	<i>Ganoderma applanatum</i> (Pers.) Pat.	po	[26]	
	Hapalopilaceae	<i>Aurantiporus fissilis</i> (Berk. & M.A. Curtis) H. Jahn	po	[26]IX	
		<i>Spongipellis litschaueri</i> Lohwag	po	[26]	
	Hericiaceae	<i>Hericium caput-medusae</i> (Bull.) Pers.	mo	[26]	
		<i>Hericium cirrhatum</i> (Pers.) Nikol.	oo	[26]X	
		<i>Hericium erinaceus</i> (Bull.) Pers.	po	[26]	
		<i>Inonotus rheades</i> (Pers.) Bondartsev & Singer	po	[26]	
	Hymenochaetaceae	<i>Inonotus dryadeus</i> (Pers.) Murrill	po	[26]	

Phylum	Family	Species	H. R.	Ref
		<i>Inonotus gilvoides</i> (Lloyd) Teng	oo	[26]
		<i>Inonotus krawtzevii</i> (Pilát) Pilát	mo	[26]
		<i>Inonotus radiatus</i> var. <i>licentii</i> Pilát	po	[26]
		<i>Phellinus igniarius</i> (L.) Quél.	po	[26]
		<i>Phellinus pectinatus</i> (Klotzsch) Quél.	oo	[26]XI
		<i>Phellinus robustus</i> (P. Karst.) Bourdot & Galzin	po	[26]
		<i>Phellinus setulosus</i> (Lloyd) Imazeki	po	[26]
		<i>Phellinus torulosus</i> (Pers.) Bourdot & Galzin	po	[26]
		<i>Xanthochrous hispidus</i> (Bull.) Pat.	po	[26]
	Marasmiaceae	<i>Armillaria mellea</i> (Vahl) P. Kumm.	po	[26]XII
	Microstromataceae	<i>Microstroma album</i> var. <i>japonicum</i> Henn.	oo	[26]
	Polyporaceae	<i>Coriolus unicolor</i> (Bull.) Pat.	po	[26]
		<i>Daedaleopsis confragosa</i> (Bolton) J. Schröt.	po	[26]
		<i>Fomes fomentarius</i> (L.) J.J. Kickx	po	[26]
		<i>Laetiporus sulphureus</i> (Bull.) Murrill	po	[26]
		<i>Poria lacerata</i> Murrill	oo	[26]
		<i>Poria lurida</i> Bres.	po	[26]
		<i>Trametes hirsuta</i> (Wulfen) Pilát	po	[26]
		<i>Trametes quercina</i> Lloyd	oo	[26]
		<i>Trametes versicolor</i> (L.) Lloyd	po	[26]XIII
		<i>Truncospora truncatospora</i> (Lloyd) S. Ito	po	[26]
	Schizoporaceae	<i>Schizopora paradoxa</i> (Schrad.) Donk	oo	[26]XIV
	Stereaceae	<i>Xylobolus frustulatus</i> (Pers.) Boidin	oo	[26]XV
<i>Xylobolus subpileatus</i> (Berk. & M.A. Curtis) Boidin		oo	[26]	
Tremellaceae	<i>Tremella indurata</i> Berk. & Broome	mo	[26]	
Anamorphic <i>Apiognomonia</i>	<i>Discula quercina</i> (Westend.) Arx	oo	[26]XVI	
Anamorphic Ascomycetes	<i>Hadronema orbiculare</i> Syd. & P. Syd.	mo	[26]	
	<i>Monochaetia kansensis</i> (Ellis & Barthol.) Sacc.	mo	[26]	
Anamorphic <i>Diplocarpon</i>	<i>Marssonina martinii</i> (Sacc. & Ellis) Magnus	oo	[26]XVII	
Anamorphic <i>Guignardia</i>	<i>Phyllosticta hranicensis</i> Petr.	m	[26]	
	<i>Phyllosticta quercus</i> Sacc. & Speg.	mo	[26]	
Anamorphic <i>Leptosphaeria</i>	<i>Coniothyrium quercinum</i> (Bonord.) Sacc.	mo	[26]	
Anamorphic Mycosphaerellaceae	<i>Ascochyta quercus</i> Sacc. & Speg.	mo	[26]	

^IRecorded as *Fumago vagans* Pers

^{II}Recorded as *Phaeosaccardinula javanica* (Zimm.) Yamam

^{III}Recorded as *Erysiphe polygones* DC.

^{IV}Recorded as *Asteridiella cyclobalanopsicola* (Yam.) Hansf.

^VRecorded as *Asteridiella quercina* (Hansf.) Hansf.

^{VI}Recorded as *Leptothyrium quercinum* (Lasch) Sacc.

^{VII}Recorded as *Stromatinia pseudotuberosa* Rehm

^{VIII}Recorded as *Fomitopsis castaneus* Imaz.

^{IX}Recorded as *Tyromyces fissilis* (Berk. et Curt.) Donk

^XRecorded as *Steccherinum cirrhatum* (Pers. ex Fr.) Teng

^{XI}Recorded as *Pyropolyporus pectinatus* (Kl.) Murr.

^{XII}Recorded as *Armillariella mellea* (Vahl ex Fr.) Karst.

^{xiii}Recorded as *Coriolus versicolor* (L. ex Fr.) Quél

^{xiv}Recorded as *Poria versipora* (Pers.) Rom

^{xv}Recorded as *Stereum frustulosum* (Pers) Fr

^{xvi}Recorded as *Gloeosporium quercinum* West.

^{xvii}Recorded as *Marssonina martinii* (Sacc. et Ell.)

Arthropods

Order	Family	Species	H. R.	Ref.	
Acariformes	Tetranychidae	<i>Brevipalpus obovatus</i> Donnadieu	po	[94]	
		<i>Eutetranychus orientalis</i> (Klein)	p	[167]	
		<i>Oligonychus ununguis</i> (Jacobi)	p	[167]	
		<i>Tetranychus neocaledonicus</i> André	p	[167]	
		<i>Tetranychus viennensis</i> Zacher	po	[94]	
Coleoptera	Attelabidae	<i>Paroplapoderus melanostictus</i> Fairmaire	p	[75]	
		<i>Paroplapoderus semiannulatus</i> Jekel	p po	[75] [94]	
	Buprestidae	<i>Agrilus cyaneoniger</i> Saunders	po	[94]	
	Cerambycidae		<i>Acanthocinus griseus</i> (Fabricius)	po po	[86] [178]
			<i>Anoplodera rubra dichroa</i> (Blanchard)	po p	[94] [178]
			<i>Anoplophora beryllina</i> (Hope)	oo o po oo	[150] [165] [94] [178]
			<i>Anoplophora chinensis</i> (Förster)	po	[94]
			<i>Anoplophora imitatrix</i> (White)	po	[94]
			<i>Anoplophora leechi</i> (Gahan)	po	[94]
			<i>Aphrodisium sinicum</i> (White)	oo po	[150] [94]
			<i>Apriona germari</i> (Hope)	po	[13]
			<i>Aromia bungii</i> Faldermann	po	[94]
			<i>Asias halodendri</i> (Pallas)	po	[94]
			<i>Bandar pascoei</i> (Lansberge)	po	[94]
			<i>Batocera davidis</i> Deyrolle	po	[94]
			<i>Batocera horsfieldi</i> (Hope)	p po	[13] [94]
			<i>Batocera lineolata</i> Chevrolat	p po p	[165] [94] [75]
			<i>Callipogon relictus</i> (Semenov)	po	[13]
			<i>Chloridolum japonicum</i> (Harold)	m	[86]
			<i>Chloridolum lameeri</i> (Pic)	po	[94]
			<i>Chlorophorus eleodes</i> (Fairmaire)	po	[94]
			<i>Chlorophorus miwai</i> Gressitt	po	[94]
			<i>Chlorophorus moupinensis</i> (Fairmaire)	po	[94]
			<i>Chlorophorus separatus</i> Gressitt	mo po	[150] [94]
			<i>Chlorophorus sexmaculatus</i> (Motschulsky)	po p	[94] [75]
			<i>Dere thoracica</i> White	p po	[13] [94]
			<i>Dorysthenes hügelii</i> Redtenbacher	po	[86]
			<i>Embrik-strandia unifasciata</i> (Ritsema)	po	[94]
			<i>Eurypoda antennata</i> Saunders	p po	[150] [94]

Order	Family	Species	H. R.	Ref.
		<i>Gracilia minuta</i> Fabricius	po	[13]
			po	[13]
		<i>Lamiomimus gottschei</i> Kolbe	po	[94]
			p	[75]
		<i>Leptura aethiops</i> Poda	po	[13]
		<i>Linda apicalis</i> Pic	oo	[165]
			po	[13]
		<i>Macrotoma fisheri</i> Waterhouse	po	[94]
			po	[178]
			p	[13]
		<i>Mallambyx raddei</i> (Blessig)	p	[94]
		<i>Megopsis sinica</i> White	po	[13]
		<i>Mesosa longipennis</i> Bates	po	[13]
			oo	[13]
		<i>Moechotypa diphysis</i> (Pascoe)	po	[94]
			po	[150]
		<i>Monochamus guerryi</i> Pic	o	[165]
			po	[94]
		<i>Monochamus sparsutus</i> Fairmaire	mo	[94]
		<i>Morimospasma paradoxum</i> Ganglbauer	po	[86]
		<i>Olenecamptus octopustulatus</i> Motschulsky	po	[94]
		<i>Oupyrrhidium cinnabarinum</i> (Blessig)	oo	[150]
		<i>Perissus laetus</i> Lameere	p	[86]
			po	[94]
		<i>Plagionotus pulcher</i> Blessig	po	[13]
		<i>Polyzonus fasciatus</i> (Fabricius)	po	[94]
		<i>Pseudaolesthes chrysothrix</i> (Bates)	po	[13]
		<i>Purpuricenus petasifer</i> Fairmaire	po	[94]
			po	[150]
		<i>Purpuricenus sideriger</i> Fairmaire	mo	[94]
		<i>Rhaphuma horsfieldi</i> (White)	p	[165]
			p	[207]
		<i>Rosalia lameerei</i> Brongniart	p	[165]
			po	[13]
		<i>Stenygrinum quadrinotatum</i> Bates	oo	[165]
			po	[94]
		<i>Strangalia attenuata</i> (L.)	p	[86]
		<i>Strangalia basiplicata</i> (Fairmaire)	m	[75]
		<i>Stromatium longicorne</i> (Newman)	p	[13]
		<i>Thermistis croceocincta</i> (Saunders)	po	[94]
		<i>Toxotus meridianus</i> (L.)	p	[86]
		<i>Trichoferus guerryi</i> (Pic)	mo	[86]
			oo	[150]
		<i>Xylotrechus magnicollis</i> (Fairmaire)	po	[94]
			p	[13]
		<i>Xylotrechus rusticus</i> (L.)	p	[13]
		<i>Xystrocera globosa</i> (Olivier)	po	[94]
	Cetoniidae	<i>Agestrata orichalca</i> (L.)	po	[143]
		<i>Anomalocera olivacea</i> (Janson)	po	[143]
		<i>Anomalocera parryi</i> Westwood	po	[143]
		<i>Anthracophora rusticola</i> Burmeister	p	[143]
		<i>Campsiura insignis</i> (Gestro)	po	[143]
		<i>Campsiura javanica</i> (Gory & Percheron)	po	[143]
		<i>Campsiura mirabilis</i> (Faldermann)	po	[75]
			po	[143]
		<i>Campsiura ochreipennis</i> (Fairmaire)	po	[165]
			po	[143]
		<i>Campsiura superba</i> (Van de Poll)	po	[143]

Order	Family	Species	H. R.	Ref.
		<i>Campsiura xanthorrhina</i> Hope	po	[143]
		<i>Cetonia rutilans</i> (Janson)	po	[143]
		<i>Clinteria ducalis</i> White	p	[143]
		<i>Clinterocera mandarina</i> (Westwood)	oo	[165]l
		<i>Coelodera penicillata</i> Hope	p	[143]
		<i>Coenochilus nitidus</i> Arrow	po	[143]
		<i>Cosmiomorpha modesta</i> Saunders	p	[94]
			po	[75]
		<i>Cosmiomorpha setulosa</i> Westwood	oo	[143]
			po	[165]
			po	[94]
			po	[75]
		<i>Cosmiomorpha similis</i> Fairmaire	po	[143]
		<i>Cymophorus pulchellus</i> Arrow	po	[143]
		<i>Dicranobia potanini</i> (Kraatz)	oo	[165]
		<i>Dicranocephalus adamsi</i> (Pascoe)	po	[143]
			po	[165]
			mo	[94]
		<i>Dicranocephalus bowringi</i> Pascoe	po	[94]
		<i>Dicranocephalus dabryi</i> Auzoux	po	[143]
			p	[165]
		<i>Dicranocephalus wallichi bowringi</i> Pascoe	po	[143]
		<i>Dicranocephalus wallichi</i> Hope	po	[143]
		<i>Euchloropus laetus</i> Fabricius	po	[143]
		<i>Euselates ornata</i> (Saunders)	po	[143]
		<i>Euselates pulchella</i> (Gestro)	p	[143]
		<i>Euselates quadrilineata</i> (Hope)	p	[143]
			po	[75]
		<i>Euselates schönfeldti</i> Kraatz	po	[143]
		<i>Euselates tonkinensis</i> Moser	po	[143]
		<i>Glycyphana fulvistemma</i> Motschulsky	po	[143]
			po	[165]
			po	[94]
		<i>Glycyphana horsfieldi</i> (Hope)	p	[143]
			p	[165]
			po	[75]
		<i>Glycyphana nepalensis</i> Kraatz	po	[143]
			po	[165]
		<i>Goliathopsis velutinus</i> Pouillaude	po	[143]
		<i>Heterorrhina punctatissima</i> Westwood	po	[143]
		<i>Iumnos ruckeri</i> Saunders	p	[143]
		<i>Ixorida mouhoti</i> (Wallace)	po	[143]
		<i>Meroloba suturalis</i> (Snellen)	po	[143]
		<i>Moseriana brevipilosa</i> Ma	po	[143]
		<i>Moseriana longipilosa</i> Ma	po	[143]
		<i>Moseriana rugulosa</i> Ma	po	[143]
		<i>Mycteristes microphyllus</i> Wood-Mason	po	[143]
			oo	[165]
		<i>Neophaedimus auzouxi</i> Lucas	oo	[143]
		<i>Neophaedimus castanus</i> Ma	po	[143]
		<i>Oxycetonia bealiae</i> (Gory & Percheron)	po	[143]
			po	[165]
			po	[178]
			po	[75]

Order	Family	Species	H. R.	Ref.
			po	[143]
		<i>Oxycetonia jucunda</i> (Faldermann)	po	[165]
			po	[94]
			po	[75]
		<i>Parapilinurgus variegatus</i> Arrow	po	[143]
		<i>Poecilophilides rusticola</i> (Burmeister)	po	[94]
		<i>Protaetia aerata</i> (Erichson)	p	[143]
		<i>Protaetia andamanarum</i> Janson	po	[143]
			po	[143]
		<i>Protaetia brevitarsis</i> (Lewis)	po	[94]
			po	[94]
			po	[143]
		<i>Protaetia famelica</i> Janson	po	[165]II
		<i>Protaetia fusca</i> (Herbst)	po	[143]
		<i>Protaetia lugubris orientalis</i> Medvedev	po	[165]III
			po	[143]
		<i>Protaetia nitididorsis</i> (Fairmaire)	po	[165]IV
			po	[75]
		<i>Pseudodicerus nigrocyaneus</i> (Bourgoin)	po	[143]
			po	[143]
		<i>Rhomborrhina fortunei</i> (Saunders)	p	[178]
			po	[75]
		<i>Rhomborrhina fulvopilosa</i> (Moser)	po	[75]
			po	[143]
		<i>Rhomborrhina fuscipes</i> Fairmaire	oo	[165]
			oo	[165]
		<i>Rhomborrhina japonica</i> (Hope)	po	[94]
			po	[75]
		<i>Rhomborrhina nigra</i> Saunders	po	[143]
		<i>Rhomborrhina olivacea</i> (Janson)	po	[75]
		<i>Rhomborrhina parryi</i> Westwood	oo	[165]
		<i>Rhomborrhina unicolor</i> Motschulsky	po	[143]
			oo	[143]
		<i>Rhomborrhina yunnana</i> Moser	po	[165]
		<i>Taeniodera coomani</i> (Bourgoin)	po	[143]
			po	[143]
		<i>Taeniodera flavofasciata</i> (Moser)	po	[75]
		<i>Taeniodera garnieri</i> (Bourgoin)	po	[143]
		<i>Taeniodera idolica</i> Janson	po	[143]
		<i>Taeniodera malabariensis</i> (Gory & Percheron)	po	[75]
		<i>Thaumastopeus nigritus</i> (Fröhlich)	p	[143]
		<i>Torynorrhina fulvopilosa</i> (Moser)	oo	[143]
		<i>Torynorrhina hyacinthina</i> (Hope)	po	[143]
		<i>Trigonophorus nepalensis</i> Hope	po	[143]
		<i>Trigonophorus rothschildi</i> Fairmaire	po	[143]
		<i>Trigonophorus rothschildi varians</i> (Bourgoin)	po	[75]
	Chrysomelidae	<i>Cneorane cariosipennis</i> Fairmaire	mo	[94]
		<i>Exosoma flaviventris</i> (Motschulsky)	mo	[94]
		<i>Meristoides grandipennis</i> (Fairmaire)	mo	[94]
		<i>Mimastra limbata</i> Baly	po	[94]
		<i>Oides tarsatus</i> (Baly)	po	[94]
		<i>Pseudespera sericea</i> Chen, Wang & Jiang	oo	[165]
		<i>Pseudodera xanthospila</i> Baly	mo	[94]
	Crioceridae	<i>Sagra fulgida janthina</i> Chen	po	[94]
	Curculionidae	<i>Alcidodes waltoni</i> (Boheman)	po	[94]
		<i>Chlorophanus grandis</i> Roelofs	mo	[94]

Order	Family	Species	H. R.	Ref.
		<i>Cryptoderma fortunei</i> Waterhouse	po	[94]
		<i>Curculio arakawai</i> Matsumura & Kono	po	[94]
		<i>Curculio davidi</i> Fairmaire	po	[94]
		<i>Curculio distinguishedus</i> Roelofs	po	[94]
		<i>Ectatorrhinus adamsi</i> Pascoe	po	[94]
		<i>Episomus chinensis</i> Faust	p	[178]
		<i>Eumyllocerus sectator</i> (Reitter)	po	[211]
		<i>Macrocorynus fortis</i> (Reitter)	m	[6, 211]
		<i>Macrocorynus psittacinus</i> Redtenbacher	po	[6, 211]
			po	[94]
		<i>Myllocerinus ochrolineatus</i> Voss	po	[94]
		<i>Neomyllocerus hedini</i> (Marshall)	p	[6, 211]
			po	[94]
			p	[75]
		<i>Styanax apicatus</i> Heller	po	[94]
	Eumolpidae	<i>Basilepta sinarum</i> Weise	po	[164]
			p	[164]
			p	[165]
			po	[94]
		<i>Cleoporus variabilis</i> (Baly)	p	[75]
			mo	[94]
			mo	[164]
			p	[164]
		<i>Cryptocephalus bipunctatus cautus</i> Weise	mo	[164]
		<i>Cryptocephalus cunctatus</i> Clavareau	p	[164]
		<i>Cryptocephalus luteosignatus</i> Pic	po	[164]
		<i>Cryptocephalus pustulipes</i> Ménétriès	p	[164]
		<i>Cryptocephalus regalis</i> Gebler	po	[94]
		<i>Cryptocephalus tetradecaspilotus</i> Baly	po	[94]
		<i>Demotina albomaculata</i> Tan	m	[165]
		<i>Demotina bicoloriceps</i> Tan	oo	[165]
		<i>Demotina fasciculata</i> Baly	p	[164]
	<i>Trichochrysea japana</i> (Motschulsky)	po	[94]	
	<i>Xanthonia collaris</i> Chen	po	[165]	
	Hispididae	<i>Dactylispa angulosa</i> (Solsky)	po	[94]
			po	[75]
		<i>Dactylispa excisa</i> (Kraatz)	po	[94]
		<i>Dactylispa subquadrata</i> (Baly)	po	[94]
	Lucanidae	<i>Dorcus antaeus</i> Hope	oo	[165]
		<i>Dorcus nepalensis</i> Hope	mo	[94]
		<i>Dorcus reichei</i> Hope	po	[165]
		<i>Dorcus tityus</i> (Hope)	po	[165]
		<i>Lucanus parryi</i> Boileau	po	[165]
		<i>Neolucanus championi</i> Parry	p	[75]
		<i>Neolucanus sinicus</i> Saunders	p	[75]
		<i>Odontolabis cuvera</i> Hope	p	[178]
			p	[75]
<i>Odontolabis siva</i> (Hope & Westwood)		p	[178]	
		po	[75]	
<i>Prosopocoilus astacoides</i> Hope		p	[165]	
<i>Prosopocoilus blanchardi</i> Parry		p	[94]	
	p	[75]		
<i>Serrognathus titanus</i> Boisduval	p	[75]		
Melolonthidae	<i>Autoserica japonica</i> Motschulsky	po	[94]	
	<i>Holotrichia diomphalia</i> Bates	po	[94]	
	<i>Holotrichia trichophora</i> (Fairmaire)	po	[94]	
Rutelidae	<i>Adoretosoma elegans</i> Blanchard	po	[94]	
	<i>Adoretus tenuimaculatus</i> Waterhouse	po	[94]	

Order	Family	Species	H. R.	Ref.	
		<i>Anomala corpulenta</i> Motschulsky	po	[94]	
		<i>Anomala mongolica</i> Faldermann	mo	[94]	
		<i>Anomala rufithorax</i> Ohans	mo	[94]	
		<i>Callistethus plagiicollis</i> Fairmaire	mo	[94]	
		<i>Ectinohoplia rufipes</i> Motschulsky	po	[94]	
		<i>Mimela splendens</i> (Gyllenhal)	po	[94]	
		<i>Popillia pustulata</i> Fairmaire	po	[94]	
		<i>Popillia quadriguttata</i> (Fabricius)	po	[94]	
	Scolytidae		<i>Acanthotomicus spinosus</i> Blandford	m	[165]
			<i>Ambrosiodmus rubricollis</i> (Eichhoff)	p	[75]
			<i>Cnestus maculatus</i> Browne	p	[75]
			<i>Coptodryas perparvus</i> (Sampson)	p	[75]
			<i>Euwallacea interjectus</i> (Blandford)	p	[75]
			<i>Hadrodemius armorphus</i> (Eggers)	p	[75]
			<i>Indocryphalus intermedius</i> (Sampson)	oo	[165]
			<i>Scolytoplatypus raja</i> Blandford	p	[75]
			<i>Scolytus querci</i> Yin & Huang	oo	[197]
				oo	[165]
			<i>Sphaerotrypes imitans</i> Eggers	m	[197]
				o	[165]
			<i>Sphaerotrypes yunnanensis</i> Tsai & Yin	oo	[197]
			<i>Terminalinus cristatus</i> (Schedl)	p	[75]
			<i>Trypodendron lineatum</i> Olivier	po	[94]
			<i>Xyleborus amorphus</i> Eggers	po	[197]
			<i>Xyleborus apicalis</i> Blandford	po	[197]
			<i>Xyleborus armipennis</i> Schedl	po	[197]
			<i>Xyleborus brevis</i> Eichhoff	po	[197]
			<i>Xyleborus dispar</i> Fabricius	po	[197]
			<i>Xyleborus emarginatus</i> Eichhoff	po	[197]
				po	[94]
				p	[75]
			<i>Xyleborus germanus</i> (Blandford)	po	[197]
				p	[75]
			<i>Xyleborus lewisi</i> Blandford	po	[197]
			<i>Xyleborus mancus formosanus</i> Eggers	po	[197]
			<i>Xyleborus saxeseni</i> Ratzeburg	po	[197]
			<i>Xyleborus seriatus</i> Blandford	po	[197]
	Trichiidae		<i>Paratrichius duplicatus</i> Lewis	p	[143]
			<i>Paratrichius pauliani</i> Tesar	oo	[165]
			<i>Paratrichius septemdecimguttatus</i> (Snellen)	po	[165]
				p	[143]
			<i>Trichius bifasciatus</i> Moser	po	[75]
	<i>Trichius dubernardi</i> Pouillaude	po	[143]		
		po	[165]		
	Valgidae		<i>Dasyvalgus laliganti</i> (Fairmaire)	po	[143]
			<i>Dasyvalgus sellatus</i> (Kraatz)	po	[143]
			<i>Oreoderus crassipes</i> Arrow	po	[143]
<i>Oreoderus momeitensis</i> Arrow			po	[143]	
<i>Oreoderus quadricarinatus</i> Arrow			po	[143]	
Hemiptera	Acanthosomatidae	<i>Acanthosoma forficula</i> Jakovlev	p	[94]	
		<i>Anaxandra levicornis</i> Dallas	po	[94]	
		<i>Elasmucha ferrugata</i> (Fabricius)	p	[155]	
		<i>Sastragala esakii</i> Hasegawa	p	[208]	
			po	[94]	
	<i>Sastragala parmata</i> Distant	p	[208]		
Coreidae	<i>Cletus rusticus</i> Stål	p	[75]		

Order	Family	Species	H. R.	Ref.
		<i>Dalader planiventris</i> (Hsiao)	po	[208]
		<i>Mictis fuscipes</i> Hsiao	mo	[94]
		<i>Mictis tenebrosa</i> (Fabricius)	po	[207]
		<i>Notopteryx soror</i> Hsiao	po	[208]
		<i>Ochrochira ferruginea</i> Hsiao	p	[208]
		<i>Petillopsis calcar</i> Dallas	p	[208]
		<i>Pterygomia humeralis</i> Hsiao	p	[208]
			mo	[94]
	<i>Trematocoris insignis</i> (Hsiao)	p	[208]	
	Pentatomidae	<i>Aspongopus chinensis</i> Dallas	po	[94]
		<i>Axiagastus rosmaus</i> Dallas	m	[207]
		<i>Dalpada cinctipes</i> Walker	po	[75]
		<i>Eurostus grossipe</i> Dallas	po	[75]
		<i>Eurostus ochraceus</i> Montandon	p	[208]
		<i>Eurostus validus</i> Dallas	p	[207]
			po	[94]
			p	[75]
		<i>Eusthenes cupreus</i> (Westwood)	po	[75]
		<i>Graphosoma rubrolineata</i> (Westwood)	p	[207]
			po	[94]
		<i>Halyomorpha halys</i> (Stål)	po	[75]
		<i>Homalogonia obtusa</i> (Walker)	p	[208]
			po	[94]
			p	[75]
		<i>Mattiphus splendidus</i> Distant	p	[208]
		<i>Megarrhamphus truncatus</i> (Westwood)	p	[207]
			m	[94]
		<i>Menida formosa</i> (Westwood)	po	[208]
		<i>Palomena angulosa</i> Motschulsky	p	[207]
		<i>Paterculus elatus</i> (Yang)	p	[75]
		<i>Pentatoma japonica</i> (Distant)	po	[207]
		<i>Pentatoma rufipes</i> (L.)	po	[207]
			po	[94]
		<i>Poecilocoris dissimilis</i> Martin	p	[207]
		<i>Poecilocoris lewisi</i> (Distant)	po	[94]
			po	[75]
		<i>Poecilocoris sanszesignatus</i> Yang	po	[207]
		<i>Poecilocoris splendidulus</i> Esaki	po	[207]
		<i>Prionaca hubeiensis</i> Zhang & Lin	mo	[94]
		<i>Tessaratomya papillosa</i> (Drury)	po	[94]
		<i>Udonga spinidens</i> Distant	p	[207]
	p		[94]	
	Plataspidae	<i>Coptosoma lasciva</i> Bergroth	p	[208]
		<i>Coptosoma variegata</i> Herich-Schaeffer	po	[207]
			po	[75]
	<i>Megacopta hui</i> (Yang)	m	[208]	
	Tingidae	<i>Corythucha arcuata</i> (Sty)	po	[94]
<i>Uhlerites debilis</i> (Uhler)		p	[208]	
Urostylidae	<i>Urochela distincta</i> Distant	po	[94]	
	<i>Urochela yangi</i> Maa	mo	[94]	
	<i>Urostylis lateralis</i> Walker	mo	[208]	
Homoptera	Aetalionidae	<i>Darthula hardwicki</i> (Gray)	oo	[165]
	Aphididae	<i>Myzocallis kuricola</i> Motschulsky	po	[94]
	Asterolecaniidae	<i>Asterodiaspis japonica</i> (Cockerell)	po	[173]
	Callaphididae	<i>Diphylaphis quercus</i> (Takahashi)	m	[75]
		<i>Tuberculatus capitatus</i> (Essig & Kuwana)	o	[205]

Order	Family	Species	H. R.	Ref.
		<i>Tuberculatus fulviabdominalis</i> (Shinji)	oo	[205]
		<i>Tuberculatus japonicus radisectuae</i> G. X. Zhang & W. Y. Zhang	m	[75]
		<i>Tuberculatus stigmatus</i> (Matsumura)	oo	[205]
	Cicadellidae	<i>Drabescus nigrifemoratus</i> (Matsumura)	po	[57]
		<i>Eurhadina alba</i> Dworakowska	m	[155]
		<i>Ledra auditura</i> Walker	p	[57]
		<i>Petalocephala discolor</i> Uhler	p	[57]
		<i>Tettigoniella albomarginata</i> (Signoret)	p	[57]
		Cicadidae Coccidae	<i>Cryptotympana atrata</i> (Fabricius)	p
	<i>Eulecanium ciliatum</i> (Douglas)		po	[173]
	<i>Parasaissetia nigra</i> (Nietner)		po	[173]
	<i>Saissetia oleae</i> (Bernard)		p	[173]
	Diaspididae	<i>Fiorinia fioriniae</i> (Targioni-Tozzetti)	po	[94]
		<i>Fiorinia vaccinia</i> Kuwana	po	[94]
		<i>Lepidosaphes beckii</i> (Newman)	po	[94]
		<i>Lepidosaphes corni</i> (Takahashi)	po	[94]
		<i>Lepidosaphes tubulorum</i> Ferris	po	[165]
		<i>Lepidosaphes tubulorum</i> Ferris	po	[94]
	Fulgoridae	<i>Lycorma delicatula</i> (White)	p	[220]
			p	[165]
	Greenideidae	<i>Eutrichosiphum izas</i> Zhang	po	[165]
		<i>Eutrichosiphum pasaniae</i> (Okajima)	p	[178]
		<i>Eutrichosiphum tattakanum</i> (Takahashi)	p	[165]
		<i>Greenidea hangnigra</i> Zhang	m	[205]V
		<i>Greenidea hangnigra</i> Zhang	m	[113]V
		<i>Greenidea hangnigra</i> Zhang	o	[165]
	Lachnidae	<i>Holotrichosiphon dubius yulongshanense</i> Zhang	m	[165]
		<i>Holotrichosiphon russallee lijiangense</i> Zhang	m	[165]
		<i>Lachnus roboris</i> (L.)	mo	[205]
			mo	[205]
		<i>Lachnus siniquercus</i> Zhang	p	[205]
			po	[94]
	<i>Lachnus tropicalis</i> (van der Goot)	p	[178]	
p		[75]		
Lecanodiaspididae	<i>Crescoccus candidus</i> Wang	po	[173]	
	<i>Lecanodiaspis circularis</i> (Borchsenius)	oo	[173]	
	<i>Pseudopulvinaria sikkimensis</i> Atkinson	po	[173]	
	<i>Psoraleococcus costatus</i> Borchsenius	po	[173]	
Margarodidae	<i>Drosicha corpulenta</i> (Kuwana)	po	[94]	
Membracidae	<i>Jingkara hyalipunctata</i> Chou	oo	[165]	
		po	[94]	
	<i>Tricentrus aleuritis</i> Chou	p	[75]	
		oo	[165]	
Pseudococcidae	<i>Drymococcus rhizophilus</i> Borchsenius	oo	[172]	
	<i>Physeriococcus cellulosus</i> Borchsenius	po	[172]	
Thelaxidae	<i>Cervaphis quercus</i> Takahashi	o	[205]	
		oo	[94]	
Hymenoptera	Cynipidae	<i>Kurisakia querciphila</i> Takahashi	o	[205]
		<i>Diplolep agana</i> Hart	mo	[94]VI
Isoptera	Rhinotermitidae	<i>Dryocosmus kuriphilus</i> Yasumatsu	po	[94]
		<i>Reticulitermes chinensis</i> Snyder	po	[94]
Lepidoptera	Aegeriidae	<i>Conopia quercus</i> Matsumura	mo	[94]
	Amathusiidae	<i>Stichophthalma howqua</i> (Westwood)	po	[94]

Order	Family	Species	H. R.	Ref.	
	Arctiidae	<i>Camptoloma interiorata</i> (Walker)	p	[44]	
				[45]	
			po	[94]	
			p	[75]	
			<i>Cyana phaedra</i> (Leech)	po	[94]
			<i>Hyphantria cunea</i> (Drury)		[45]
			<i>Rhyparioides amurensis</i> (Bremer)	p	[44]
					[45]
		p		[166]	
		po		[94]	
	Bombycidae	<i>Oberthueria falcigera</i> Butler	po	[226]	
			p	[166]	
		<i>Oberthürria caeca</i> Oberthür	p	[75]	
		<i>Theophila mandarina</i> Moore	po	[226]	
	Brahmaeidae	<i>Brahmaea certhia</i> Fabricius	po	[94]	
		<i>Brahmaea hearseyi</i> (White)	p	[75]	
	Cossidae	<i>Holcocerus vicarius</i> Walker	po	[94]	
			p	[178]	
		<i>Xyleutes leuconotus</i> (Walker)	po	[94]	
	Crambidae	<i>Zeuzera leuconotum</i> Butler	po	[94]VII	
		<i>Diaphania angustalis</i> (Snellen)	mo	[94]	
	Drepanidae	<i>Sylepta balteata</i> (Fabricius)	p	[169]	
		<i>Agnidra scabiosa fixseni</i> (Bryk)	po	[94]VIII	
		<i>Drepana dispilata</i> Warren	mo	[94]	
		<i>Nordstromia japonica</i> (Moore)	po	[94]	
			p	[178]	
			po	[94]	
		<i>Palaedrepana harpagula</i> (Esper)	p	[178]	
			p	[78]	
			po	[94]	
		<i>Pseudalbara parvula</i> (Leech)	p	[178]	
	p		[75]		
	Gelechiidae	<i>Chelaria gibbosella</i> Zeller	po	[78]	
	Geometridae	<i>Acasis viretata</i> (Hübner)	po	[195]	
		<i>Asthenes nymphaeata</i> (Staudinger)	oo	[195]	
		<i>Biston betularia</i> (L.)	po	[94]	
		<i>Boarmia displiscens</i> Butler	po	[94]	
			p	[178]	
		<i>Buzura suppressaria</i> (Guenée)	po	[94]	
			p	[178]	
			p	[75]	
		<i>Colotois pennaria ussuriensis</i> O. Bang-Haas	p	[78]	
		<i>Comibaena delicator</i> Warren	mo	[94]	
			p	[178]	
			m	[78]	
		<i>Comibaena pictipennis</i> Butler	m	[94]	
<i>Conchia mundataria</i> Cramer		po	[161]		
<i>Culcula panterinaria</i> (Bremer & Grey)		po	[94]		
		po	[94]		
<i>Deileptenia ribeata</i> Clerck		p	[178]		
	p	[78]			
<i>Electrophaes corylata</i> (Thunberg)	po	[195]			
<i>Erannis dira</i> Butler	p	[78]			
<i>Esakiopteryx volitans</i> (Butler)	po	[195]			

Order	Family	Species	H. R.	Ref.	
		<i>Garaeus parva distans</i> Warren	po	[161]	
			po	[94]	
		<i>Gelasma glaucaria</i> (Walker)	oo	[161]	
		<i>Hemistola tenuilinea</i> (Alphéraky)	oo	[161]	
		<i>Hemithea aestivaria</i> Hübner	po	[161]	
			p	[78]	
		<i>Hipparchus valida</i> Felder	po	[161]	
			mo	[94]	
			p	[78]	
		<i>Hypomecis punctinalis conferenda</i> (Butler)	p	[178]	
			p	[75]	
		<i>Idiotephria debilitata</i> (Leech)	oo	[195]	
		<i>Inurois fletcheri</i> Inoue	po	[78]	
		<i>Jodis lactearia</i> (L.)	p	[178]	
			p	[78]	
		<i>Larerannis filipjevi</i> Wehrli	mo	[78]	
		<i>Mixochlora vittata</i> (Moore)	po	[178]	
		<i>Ochrognesia difficta</i> (Walker)	po	[161]	
			p	[178]	
			p	[75]	
		<i>Operophtera brumata</i> (L.)	po	[195]	
		<i>Operophtera fagata</i> (Scharfenberg)	po	[195]	
		<i>Operophtera relegata</i> Prout	po	[195]	
		<i>Ourapteryx aristidaria</i> Oberthür	mo	[94]IX	
		<i>Ourapteryx nivea</i> Butler	po	[94]	
			po	[178]	
			po	[78]	
		<i>Ourapteryx sambucaria</i> L.	po	[94]	
		<i>Photoscotia atrostrigata</i> (Bremer)	po	[94]	
		<i>Phthonosema invenustaria</i> Leech	po	[94]	
		<i>Selenia tetralunaria</i> Hufnagel	po	[161]	
			p	[78]	
		<i>Serraca punctinalis conferenda</i> Butler	p	[78]	
		<i>Tanaorhinus rafflesi rafflesi</i> Moore	p	[178]	
		<i>Tanaorhinus reciprocata confuciarum</i> Walker	mo	[94]	
			p	[78]	
		<i>Trichopteryx hemana</i> (Butler)	p	[195]	
		<i>Trichopteryx terranea</i> (Butler)	oo	[195]	
		<i>Trichopteryx ustata</i> (Christoph)	oo	[195]	
		<i>Xanthabraxas hemionata</i> (Guenée)	p	[178]	
			p	[75]	
		Lasiocampidae	<i>Cyclophragma lineata</i> (Moore)	po	[94]
			<i>Cyclophragma undans</i> (Walker)	po	[94]
			<i>Cyclophragma undans fasciatella</i> Ménétériès	po	[94]
			<i>Cyclophragma xichangensis</i> (Tsai & Liu)	p	[166]
			<i>Cyclophragma yamadai</i> (Nagano)	po	[94]
			<i>Gastropacha populifolia</i> Esper	po	[94]
<i>Lebeda nobilis</i> Walker	po		[94]		
<i>Malacosoma neustria testacea</i> Motschulsky	po		[94]		
<i>Odonestis pruni</i> L.	po		[94]		
<i>Paralebeda plagifera femorata</i> (Ménétériès)	p		[178]		
<i>Paralebeda plagifera</i> Walker	po		[166]		
	p		[178]		
<i>Trabala vishnou</i> Lefebure	po		[94]		
	p		[178]		
Limacodidae	<i>Apoda dentatus</i> Oberthür	p	[78]		

Order	Family	Species	H. R.	Ref.
		<i>Cnidocampa flavescens</i> (Walker)	po	[94]
		<i>Latoia consocia</i> Walker	po	[94]X
		<i>Latoia hilarata</i> (Staudinger)	p	[75]
			p	[78]XI
		<i>Narosa edoensis</i> Kawada	p	[78]
		<i>Narosoideus flavidorsalis</i> (Staudinger)	po	[94]
		<i>Phocoderma velutina</i> Kollar	p	[94]
			p	[75]
			p	[78]
		<i>Setora postornata</i> (Hampson)	po	[94]
	<i>Thosea sinensis</i> (Walker)	po	[94]	
	Lycaenidae	<i>Acytolepis puspa</i> (Horsfield)	po	[219]
		<i>Antigius attilia</i> (Bremer)	oo	[178]
			o	[219]
		<i>Arhopala japonica</i> (Murray)	po	[219]
		<i>Arhopala rama</i> Kollar	p	[178]
		<i>Celastrina argiola</i> (L.)	po	[219]
		<i>Chrysozephyrus kabrua nitakanus</i> (Kano)	mo	[219]
		<i>Chrysozephyrus lingi</i> Okano et Ohkura	mo	[219]
		<i>Chrysozephyrus rarasana</i> (Mutsumura)	oo	[219]
		<i>Euaspa milionia formosana</i> Nomura	mo	[219]
		<i>Favonius orientalis</i> (Murray)	o	[219]
		<i>Japonica lutea</i> (Hewitson)	p	[219]
		<i>Japonica saepestriata</i> (Hewitson)	o	[219]
		<i>Leucantigius atayalicus</i> (Shirôzu & Murayama)	oo	[219]
		<i>Niphanda fusca</i> (Bremer & Grey)	po	[94]
			oo	[178]
		<i>Shirozua jonasi</i> (Janson)	p	[219]
		<i>Strymonidia w-album</i> (Knoch)	po	[94]
		<i>Teratozephyrus arisanus</i> (Wileman)	mo	[219]
		<i>Teratozephyrus hecale</i> (Leech)	mo	[219]
	Lymantriidae	<i>Arctornis alba</i> (Bremer)	po	[212]
			po	[94]
			p	[178]
			p	[75]
		<i>Arctornis gelasphora</i> Collenette	po	[94]
		<i>Arctornis l-nigrum</i> (Müller)	p	[212]
			p	[166]
			po	[94]
			p	[75]
		<i>Arctornis xanthochila</i> Collenette	p	[166]
			p	[178]
		<i>Aroa substrigosa</i> Walker	po	[94]
		<i>Cispia lunata</i> Chao	oo	[213]
		<i>Dasychira acerosa</i> Chao	m	[166]
		<i>Dasychira angulata</i> Hampson	m	[166]
mo			[94]	
m			[75]	
<i>Dasychira aurifera</i> Scriba		mo	[212]	
		m	[178]	
		m	[75]	
<i>Dasychira chinensis</i> Swinhoe	p	[75]		
<i>Dasychira conjuncta</i> Wileman	m	[212]		
	po	[94]		
<i>Dasychira lunulata</i> Butler	p	[212]		
	p	[178]		

Order	Family	Species	H. R.	Ref.
		<i>Dasychira olga</i> (Oberthür)	p	[212]
		<i>Dasychira pseudabietis</i> (Butler)	p	[212]
		<i>Dasychira pudibunda</i> (L.)	p	[212]
		<i>Euproctis bipunctapex</i> (Hampson)	po	[94]
			p	[75]
		<i>Euproctis chrysoorrhoea</i> (L.)	p	[212]
		<i>Euproctis diploxutha</i> Collenette	po	[94]
			p	[75]
		<i>Euproctis flava</i> (Bremer)	p	[212]
			po	[94]
			p	[178]
			p	[75]
		<i>Euproctis plana</i> Walker	m	[212]
			po	[94]
			p	[75]
		<i>Ivela ochropoda</i> (Eversmann)	po	[94]
		<i>Lymantria dispar</i> (L.)	p	[212]
			p	[166]
			po	[94]
			p	[178]
		<i>Lymantria dispar japonica</i> Motschulsky	po	[94]
		<i>Lymantria dissoluta</i> Swinhoe	po	[94]
			p	[178]
		<i>Lymantria marginata</i> Walker	po	[94]
		<i>Lymantria mathura</i> Moore	p	[212]
			p	[166]
			po	[94]
			po	[94]
			p	[178]
		<i>Lymantria monacha</i> (L.)	p	[212]
			po	[94]
		<i>Lymantria viola</i> Swinhoe	p	[166]
		<i>Orgyia antiqua</i> (L.)	p	[212]
		<i>Orgyia dubia</i> (Tauscher)	po	[212]
		<i>Orgyia gonostigma</i> (L.)	p	[212]
			po	[94]
			p	[75]
		<i>Orgyia thyellina</i> Butler	p	[212]
		<i>Pida strigipennis</i> (Moore)	po	[213]
			po	[94]
		<i>Porthesia scintillans</i> (Walker)	po	[94]
			p	[75]
		<i>Porthesia similis</i> (Fueszly)	p	[212]
			po	[94]
			p	[178]
			p	[75]
		<i>Teia ericae</i> Germar	p	[212]
			p	[213]
			po	[94]
		<i>Teia gonostigma</i> (L.)	p	[213]
	Noctuidae	<i>Acrionicta aceris</i> (L.)	po	[15]
		<i>Acrionicta leporina</i> (L.)	po	[15]XII
		<i>Acrionicta tridens</i> (Denis & Schiffermüller)	po	[15]
		<i>Agrotis segetum</i> (Denis & Schiffermüller)	p	[166]

Order	Family	Species	H. R.	Ref.	
		<i>Amphipyra perflua</i> (Fabricius)	po	[224]	
			p	[166]	
			po	[94]	
		<i>Amphipyra pyramidea</i> (L.)	po	[94]	
		<i>Bena bicolorana</i> (L.)	m	[228]	
		<i>Bena prasinana</i> (L.)	po	[94]XIII	
			p	[178]XIII	
		<i>Diphtherocome pallida</i> (Moore)	po	[94]XIV	
		<i>Diphtherocome vivida</i> (Leech)	po	[94]	
		<i>Dysgonia stuposa</i> (Fabricius)	p	[94]XV	
		<i>Ephesia dissimilis</i> (Bremer)	mo	[224]	
			mo	[166]	
			po	[94]XVI	
			mo	[75]	
		<i>Ephesia streckeri</i> (Staudinger)	mo	[224]	
			mo	[75]	
		<i>Grammodes stolidia</i> (Fabricius)	po	[224]XVII	
		<i>Hyblaea puera</i> Cramer	p	[94]	
		<i>Hypersynoides astrigera</i> (Butler)	mo	[94]XVIII	
		<i>Hypersynoides punctosa</i> (Walker)	mo	[94]XIX	
		<i>Hypocala moorei</i> Butler	po	[94]	
		<i>Hypocala subsatura</i> Guenée	p	[166]	
			po	[94]	
			p	[75]	
		<i>Lacanobia contigua</i> (Denis & Schiffermüller)	po	[224]XX	
			p	[166]	
		<i>Moma alpium</i> (Osbeck)	po	[224]XXI	
			p	[166]	
			po	[94]XXII	
			m	[178]	
			p	[75]	
		<i>Mormonia dula</i> (Bremer)	oo	[224]	
		<i>Orthosia incerta</i> (Hufnagel)	p	[15]	
		<i>Orthosia munda</i> (Denis & Schiffermüller)	p	[15]	
		<i>Polia thalathina</i> (Rottenburg)	p	[15]	
		<i>Prodenia litura</i> (Fabricius)	po	[94]	
		<i>Pseudopsis sylpha</i> (Butler)	m	[15]XXIII	
			po	[94]XXIII	
		<i>Synoides picta</i> Butler	po	[228]XXIV	
			po	[166]XXIV	
			mo	[94]XXIV	
		<i>Synoides simplex</i> (Leech)	mo	[94]XXV	
		<i>Xylena exsoleta</i> (L.)	p	[15]XXVI	
		Notodontidae	<i>Cnethodonta grisescens</i> Staudinger	po	[94]
			<i>Ellida viridimixta</i> (Bremer)	mo	[4]XXVII
			<i>Euhampsonia cristata</i> (Butler)	po	[4]XXVIII
				mo	[166]XXIX
po	[94]XXVIII				
po	[75]XXIX				
<i>Euhampsonia niveiceps</i> (Walker)	mo		[94]		
<i>Euhampsonia splendida</i> (Oberthür)	mo		[4]		
	po		[94]		

Order	Family	Species	H. R.	Ref.	
		<i>Fentonia ocypte</i> (Bremer)	p	[4]	
			p	[166]	
			po	[94]	
			p	[178]	
			p	[75]	
		<i>Gazalina apsara</i> (Moore)	oo	[166]	
		<i>Gazalina chrysolopha</i> (Kollar)	po	[94]	
		<i>Harpyia umbrosa</i> (Staudinger)	p	[4]XXX	
			po	[94]XXX	
			p	[75]	
		<i>Hexafrenum leucodera</i> (Staudinger)	p	[75]	
		<i>Mesophalera sigmata</i> (Butler)	o	[4]	
			p	[178]	
			p	[75]	
		<i>Phalera assimilis</i> (Bremer & Grey)	p	[4]	
			oo	[166]	
			po	[94]	
		<i>Phalera bucephala</i> (L.)	po	[94]	
		<i>Phalera flavescens</i> (Bremer & Grey)	po	[4]	
			po	[94]	
			po	[75]	
		<i>Phalera fuscescens</i> Butler	po	[94]	
		<i>Phalerodonta bombycina</i> (Oberthür)	p	[4]XXXI	
			mo	[94]XXXII	
		<i>Quadricalcarifera fasciata</i> (Moore)	po	[4]	
			po	[178]	
			oo	[75]	
		<i>Semidonta biloba</i> (Oberthür)	o	[4]	
		<i>Spatialia dives</i> Oberthür	po	[75]	
		<i>Spatialia doerriesi</i> Graeser	mo	[166]	
			mo	[178]	
			po	[75]	
		<i>Spatialia plusiotis</i> (Oberthür)	po	[75]	
		<i>Stauropus persimilis</i> Butler	p	[4]	
		<i>Togepteryx velutina</i> (Oberthür)	po	[94]	
		Nymphalidae	<i>Euthalia nara omeia</i> Leech	po	[178]
			<i>Euthalia nara pacifica</i> Mell	po	[178]
			<i>Euthalia patala</i> (Kollar)	oo	[219]
			<i>Euthalia pratti</i> Leech	m	[178]
			<i>Sephisa chandra</i> (Moore)	oo	[178]
			<i>Sephisa daimio</i> Matsumura	oo	[219]
			<i>Sephisa princeps</i> (Fixsen)	m	[178]
		Papilionidae	<i>Papilio bianor</i> Sonan	po	[94]
		Psychidae	<i>Chalia larminati</i> Heylaerts	p	[166]
			<i>Clania minuscula</i> Butler	po	[94]XXXIII
				po	[94]XXXIV
		Pyrilidae	<i>Clania variegata</i> Snellen	p	[178]
<i>Dichocrocis chlorophanta</i> Butler	po		[94]		
<i>Herculia glaucinalis</i> L.	mo		[94]		
<i>Herculia pelasgalis</i> Walker	mo		[94]		
Saturniidae	<i>Sybrida fasciata</i> Butler	p	[169]		
	<i>Actias dubernardi</i> Oberthür	po	[94]		
		p	[226]		
	<i>Actias heterogyna</i> Mell	po	[94]		
		p	[226]		
<i>Actias kongjiaria</i> Chu & Wang	p	[226]			
<i>Actias rhodopneuma</i> Röber	po	[226]			

Order	Family	Species	H. R.	Ref.
		<i>Actias selene ningpoana</i> Felder	po	[94]XXXV
		<i>Actias sinensis</i> Walker	po	[226]
			po	[94]
			p	[178]
			p	[75]
		<i>Aglia tau amurensis</i> Jordan	po	[226]
		<i>Antheraea pernyi</i> Guerin-Méneville	po	[226]
			po	[94]
			p	[178]
		<i>Antheraea pernyi</i> Guérin-Méneville	p	[166]
		<i>Antheraea yamamai</i> Guerin-Méneville	po	[226]
		<i>Attacus atlas</i> (L.)	po	[226]
		<i>Caligula boisduvalii fallax</i> Jordan	po	[226]
		<i>Caligula lindia bonita</i> Jordan	po	[226]
		<i>Caligula zuleika</i> Hope	po	[226]
		<i>Dictyoploca japonica</i> Moore	po	[226]
	<i>Loepa katinka</i> Westwood	p	[75]	
	<i>Rhodinia davidi</i> Oberthür	po	[226]	
	<i>Rhodinia fugax</i> Butler	po	[226]	
	Sphingidae	<i>Enpinanga transtriata</i> Chu & Wang	p	[75]
		<i>Marumba maacki</i> (Bremer)	m	[225]
			p	[227]
		<i>Marumba sperchius</i> Ménétriès	p	[225]
			p	[227]
			p	[166]
		<i>Mimas tiliae christophi</i> (Staudinger)	po	[225]
			po	[227]
		<i>Oxyambulyx liturata</i> (Butler)	p	[225]
			p	[227]
			p	[178]
			p	[75]
	p		[75]	
	<i>Oxyambulyx ochracea</i> (Butler)	po	[94]	
	<i>Oxyambulyx schauffelbergeri</i> (Bremer & Grey)	p	[225]	
		p	[166]	
		po	[94]	
		p	[75]	
	Thyrididae	<i>Rhodoneura erecta</i> (Leech)	p	[226]
			p	[155]
		<i>Rhodoneura midfascia</i> Chu & Wang	oo	[226]
		<i>Striglina bispota</i> Chu & Wang	po	[226]
		<i>Striglina cancellata</i> Christoph	m	[166]
<i>Striglina curvita</i> Chu & Wang		po	[226]	
<i>Striglina scitaria</i> Walker	p	[75]		
Tortricidae	<i>Acleris delicatana</i> (Christoph)	p	[227]	
		po	[78]	
	<i>Acleris perfundana</i> Kuznetzov	p	[227]	
	<i>Aphelia paleana</i> (Hübner)	p	[227]	
	<i>Archips crataegana</i> (Hübner)	p	[227]	
	<i>Archips ingentana</i> (Christoph)	p	[227]	
	<i>Archips xylosteanana</i> (L.)	p	[227]	
	<i>Cerace stipatana</i> Walker	po	[94]	
	<i>Choristoneura diversana</i> (Hübner)	p	[227]	
	<i>Choristoneura longicellana</i> (Walsingham)	p	[227]	
		po	[94]	
<i>Croesia conchyloides</i> (Walsingham)	mo	[94]		
<i>Epinotia tenerana</i> (Denis & Schiffermüller)	p	[227]		

Order	Family	Species	H. R.	Ref.
		<i>Eudemis porphyrana</i> (Hübner)	p	[227]
		<i>Eulia ministrana</i> (L.)	p	[227]
		<i>Hedya inornata</i> (Walsingham)	p	[227]
		<i>Homona magnanima</i> Diakonoff	p	[178]
			p	[75]
			p	[78]
		<i>Laspeyresia splendana</i> (Hübner)	p	[227]
			po	[94]
		<i>Pandemis cinnamomeana</i> (Treitschke)	p	[227]
			p	[166]
			po	[94]
			p	[75]
		<i>Pandemis corylana</i> (Fabricius)	p	[227]
			po	[94]
<i>Pandemis heparana</i> (Denis & Schiffermüller)	p	[227]		
	po	[94]		
<i>Pandemis ribeana</i> (Hübner)	p	[227]		
	po	[94]		
<i>Strophedra nitidana</i> Fabricius	p	[78]		
<i>Syndemis perpulchrana</i> (Kennel)	p	[227]		
Yponomeutidae	<i>Yponomeuta polystigmellus</i> Felder & Felder	po	[94]	
		po	[78]	
Zygaenidae	<i>Illiberis sinensis</i> Walker	po	[94]	
Parasitiformes	Phytoseiidae	<i>Euseius subplebeius</i> (Wu & Li)	po	[75]
Phasmida	Bacillidae	<i>Baculum dolichocercatum</i> Bi & Wang	m	[155]
		<i>Baculum irregulariter-dentatum</i> Brunner von Wattenwyl	p	[155]
	Phasmatidea	<i>Phobaeticus longicornis</i> Bi & Wang	m	[155]
		<i>Phraortes elongatus</i> Thunberg	po	[94]
		<i>Phraortes illepidus</i> (Brunner von Wattenwyl)	p	[155]
<i>Sipylodea truncata</i> Chen & He	m	[155]		
Thysanoptera	Phlaeothripidae	<i>Neoheegeria</i> sp.	m	[155]
	Thripidae	<i>Selenothrips rubrocinctus</i> (Giard)	po	[66]
po			[75]	

- I Recorded as *Clinterocera mandarinus* (Westwood)
- II Recorded as *Potosia famelica* Janson
- III Recorded as *Potosia lugubris orientalis* Medvedev
- IV Recorded as *Potosia nitidorsis* Fairmaire
- V Recorded as *Greenidea hangnigri* Zhang
- VI Possible synonym of *Andricus ostreus* (Hartig)
- VII Recorded as *Zeuzera leuconotus* Butler
- VIII Recorded as *Zanclalbara scabiosa* (Butler) as well as *Agnidra scabiosa fixseni* (Bryk)
- IX Recorded as *Exurapteryx aristidaria* (Oberthür)
- X Recorded as *Parasa consocia* Walker
- XI Recorded as *Parata hilarata* (Staudinger)
- XII Recorded as *Acronicta leporina leporella* Staudinger
- XIII Recorded as *Bena fagana* L.
- XIV Recorded as *Daseochaeta pallida* Moore
- XV Recorded as *Parallelia stuposa* Fabricius
- XVI Recorded as *Catocala dissimilis* Bremer
- XVII Recorded as *Chalciope stolidus* (Fabricius)
- XVIII Recorded as *Sypna astrigera* Butler
- XIX Recorded as *Sypna punctosa* Walker
- XX Recorded as *Polia contigua* (Schiffermüller et Denis)
- XXI Recorded as *Daseochaeta alpium* (Osbeck)
- XXII Recorded as *Daseochaeta alpium* (Osbeck), as well as *Trichosea champa* Moore, and *Moma alpium*

(Osbeck)

^{xxiii}Recorded as *Bena sylpha* (Butler)

^{xxiv}Recorded as *Sypna picta* Butler

^{xxv}Recorded as *Sypna simplex* Leech

^{xxvi}Recorded as *Xylena exoleta* (L.)

^{xxvii}Recorded as *Urodonta viridimixta* (Bremer)

^{xxviii}Recorded as *Lampronadata cristata* (Butler)

^{xxix}Recorded as *Rabtala cristata* (Butler)

^{xxx}Recorded as *Hybocampa umbrosa* (Staudinger)

^{xxxi}Recorded as *Phalera albibasis* (Chiang)

^{xxxii}Recorded as *Naganoea albibasis* (Chiang), as well as *Phalerodonta albibasis* (Chiang)

^{xxxiii}Recorded as *Cryptothelea minuscula* Butler

^{xxxiv}Recorded as *Cryptothelea variegata* Snellen

^{xxxv}Recorded as *Actias selene* Hübner