

Jennifer Zaspel. 2018. Species associations manually extracted from literature about vampire moths and their fruit-piercing relatives. Personal Communication.

Genus	Species	Fruit Host	Animal Host
<i>Calyptra</i>	<i>albivirgata</i>	Unknown	Unknown
<i>Calyptra</i>	<i>bicolor</i>	<i>Rubus</i> sp.*	<i>Homo sapiens</i>
<i>Calyptra</i>	<i>canadensis</i>	<i>Fragaria</i> sp.*	Unknown
<i>Calyptra</i>	<i>eustrigata</i>	<i>Prunus</i> sp.; <i>Citrus</i> sp.	<i>Boselaphus</i> sp., <i>Rusa</i> sp., <i>Tapirus</i> sp., <i>Bubalus</i> sp. <i>Diceros</i> sp., <i>Elephas</i> sp., <i>Elephas</i> sp., <i>Homo sapiens</i> *
<i>Calyptra</i>	<i>fasciata</i>	<i>Prunus</i> sp., <i>Ficus</i> sp., <i>Rubus</i> sp.	<i>Elephas</i> sp., <i>Equus</i> sp., <i>Sus</i> sp., <i>Homo sapiens</i>
<i>Calyptra</i>	<i>fletcheri</i>	<i>Rubus</i> sp.*	<i>Homo sapiens</i> *
<i>Calyptra</i>	<i>gruesa</i>	<i>Vitis</i> sp., <i>Prunus</i> sp., <i>Malus</i> sp., <i>Pyrus</i> sp., <i>Eriobotrya</i> sp.	N/A
<i>Calyptra</i>	<i>hokkaida</i>	<i>Vitis</i> sp., <i>Prunus</i> sp.	N/A
<i>Calyptra</i>	<i>lata</i>	<i>Vitis</i> sp., <i>Prunus</i> sp., <i>Malus</i> sp.	N/A
<i>Calyptra</i>	<i>minuticornis</i> <i>minuticornis</i>	<i>Prunus</i> sp., <i>Ficus</i> sp., <i>Citrus</i> sp., <i>Rubus</i> sp.	<i>Elephas</i> sp., <i>Equus</i> sp.
<i>Calyptra</i>	<i>minuticornis</i> <i>novapomeraniae</i>	<i>Ficus</i> sp.*, <i>Citrus</i> sp.*, <i>Vitis</i> sp.*	N/A
<i>Calyptra</i>	<i>nyei</i>	Unknown	Unknown
<i>Calyptra</i>	<i>ophideroides</i>	<i>Prunus</i> sp., <i>Ficus</i> sp.	<i>Homo sapiens</i>
<i>Calyptra</i>	<i>orthograpt</i>	<i>Bouea</i> sp.*, <i>Mangifera</i> sp. *	<i>Elephas</i> sp.
<i>Calyptra</i>	<i>parva</i>	<i>Ficus</i> sp.	<i>Homo sapiens</i>
<i>Calyptra</i>	<i>pseudobicolor</i>	<i>Prunus</i> sp., <i>Rubus</i> sp.	<i>Homo sapiens</i>
<i>Calyptra</i>	<i>subnubila</i>	Unknown	Unknown
<i>Calyptra</i>	<i>thalictri</i>	<i>Rubus</i> sp., <i>Vitis</i> sp.*, <i>Prunus</i> sp.*	<i>Homo sapiens</i>

Table 1: *Calyptra* species and their respective hosts (Bänziger 1970, 1975, 1986, 1989, 2007; Hattori 1969; Zaspel et al. 2007)

\* Only under experimental conditions.

## References:

- Bänziger, H. 1970.** The piercing mechanism of the fruit piercing moth *Calpe (Calyptra) thalictri* Bkh. (Noctuidae) with reference to the skin-piercing blood-sucking moth *Calpe eustrigata* Hmps. *Acta Tropica*, 27: 54-88.
- Bänziger, H. 1975.** Skin-piercing blood-sucking moths I: Ecological and ethological studies on *Calpeeustrigata* (Lepid., Noctuidae). *Acta tropica*, (Basel) 32: 366-369.
- Bänziger, H. 1986.** Skin-piercing blood-sucking moths IV: Biological studies on adults of 4 *Calyptra* species and 2 subspecies (Lepidoptera, Noctuidae). *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 59: 111-138.
- Bänziger, H. 1989.** Skin-piercing blood-sucking moths V: Attacks on man by 5 *Calyptra* spp. (Lepidoptera: Noctuidae) in S. and S.E. Asia. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 62: 215-233.
- Bänziger, H. 2007.** Skin-piercing blood-sucking moths VI: Fruit-piercing habits in *Calyptra* (Noctuidae) and notes on the feeding strategies of zoophilous and frugivorous adult Lepidoptera. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 80: 271-288.
- Hattori, I. 1969.** Fruit-piercing moth in Japan. *Japan Agricultural Research Quarterly*, 4: 32-36.
- Zaspel, J.M., V.S. Kononenko, and P.Z. Goldstein. 2007.** Another blood feeder? Experimental feeding of a fruit-piercing moth on human blood in the Primorye Region of Far Eastern Russia (Noctuidae: Calpinae: Calpini). *Journal of Insect Behavior*, 20(5): 437-451.