

Duszynski Donald W., Upton Steve J. & Couch Lee Eds. 2001. Coccidia (Eimeriidae) of Rodentia: Sciuridae (squirrels, chipmunks, marmots, prairie dogs) [Coccidies (Eimeriidae) des rongeurs : Sciuridae (écureuils, tamias, marmottes, chiens de prairie)]. En ligne : On line à / at <http://biology.unm.edu/biology/coccidia/rodents3.html>

Marmota flaviventris, *Marmota baibacina*, *Marmota bobac*, *Marmota monax*, *Marmota menzbieri*, *Marmota sibirica*, *Eimeria beecheyi*, *Eimeria callospermophili*, *Eimeria lateralis*, *Eimeria menzbieri*, *Eimeria monacis*, *Eimeria morainensis*, *Eimeria os*, *Eimeria spermophili*, *Eimeria surki*, *Eimeria vilasi*, *Eimeria perforoides*.

***Eimeria beecheyi* Henry, 1932**

Synonyms: *E. cochisensis*; *E. asiatici*

Hosts: *Cynomys gunnisoni* (Gunnison's prairie dog); *C. leucurus*; *C. ludovicianus*; *Marmota flaviventris*; *Spermophilus beecheyi*; *S. elegans*; *S. relictus*; *S. richardsoni*; *S. townsendii*; *S. tridecemlineatus*; *S. undulatus*; *S. variegatus*; *Tamias canipes*; *T. fordalis*; *T. obscurus*; *T. townsendii*

Reference: Abenov & Svanbaev (1982); Henry (1932); Hill & Duszynski (1986); Levine & Ivens (1965); Machulsky (1949); Seville (1997); Seville et al. (1992); Seville & Stanton (1993); Shults et al. (1990); Stanton et al. (1992); Tanabe & Okinami (1940); Thomas & Stanton (1994); Wilber et al. (1994)

***Eimeria callospermophili* Henry, 1932**

Synonyms: *E. assaaensis*; *E. callispermophili* (*lapsus calami*); *E. callospermophili* (*lapsus calami*); *E. callospermophili* (*lapsus calami*); *E. citelli*; *E. monacis*; *E. os*; *E. perforoides*

Hosts: *Cynomys gunnisoni* (Gunnison's prairie dog); *C. leucurus*; *C. ludovicianus*; *Marmota baibacina*; *M. bobak*; *M. flaviventris*; *M. monax*; *M. sibirica*; *Spermophilus armatus*; *S. beecheyi*; *S. beldingii*; *S. columbianus*; *S. citellus*; *S. elegans*; *S. erythrogenys*; *S. franklinii*; *S. fulvus*; *S. lateralis*; *S. mexicanus*; *S. relictus*; *S. richardsonii*; *S. spilosoma*; *S. townsendii*; *S. tridecemlineatus*; *S. undulatus*; *S. variegatus*

Reference: Abenov (1980); Abenov & Svanbaev (1979, 1982); Dzerzhinsky & Kairullaev (1989); Frank (1978); Glebezdin (1978); Kartchner & Becker (1930); Kietzmann & Kietzmann (1987); Machulsky (1949); Pellerdy & Babos (1953); Rysavy (1957); Sassuchin & Rauschenbach (1932); Svanbaev (1960, 1962); Veluvolu & Levine (1984); Yakimoff & Sokoloff (1935); Zolotareff (1935, 1938)

***Eimeria giganteos* Wilber, Duszynski, Upton, Seville, & Corliss, 1998**

Synonyms: *E. cynomysis*; *E. marmotae*; *E. os*

Hosts: *Cynomys ludovicianus* (Black-tailed prairie dog); *Marmota baibacina*; *M. bobak*; *M. monax*

Reference: Dorney (1965); Fleming et al. (1979); McQuistion & Wright (1984); Nukerbaeva & Abenov (1979); Vetterling (1964); Wilber et al. (1998)

***Eimeria lateralis* Levine, Ivens, & Kruidenier, 1957**

Synonyms: *E. beldingii*; *E. larimerensis*; *E. sarseni*; *E. tuscarorensis*; *E. wisconsinensis*

Hosts: *Cynomys gunnisoni* (Gunnison's prairie dog); *C. leucurus*; *C. ludovicianus*; *Marmota baibacina*; *M. bobak*; *M. monax*; *Spermophilus armatus*; *S. beecheyi*; *S. beldingi*; *S. columbianus*; *S. elegans*; *S. lateralis*; *S. richardsonii*; *S. spilosoma*; *S. townsendii*; *S. tridecemlineatus*; *S. variegatus*; *Tamias obscurus*; *T. striatus*

Reference: Broda & Schmidt (1978); Dorney (1962, 1963, 1965, 1966); Duncan (1968); Fleming et al. (1979); Hill & Duszynski (1986); Hilton & Mahrt (1971); Levine et al. (1957); McQuistion & Wright (1984); Nukerbaeva & Abenov (1979); Seville (1997); Seville & Stanton (1993); Seville & Williams (1989); Seville et al. (1992); Shults et al. (1990); Stanton et al. (1992); Thomas & Stanton (1994); Todd & Hammond (1968); Veluvolu & Levine (1984); Vetterling (1964); Wilber et al. (1994)

***Eimeria menzbieri* Svanbaev, 1963**

Hosts: *Marmota menzbieri* (Menzbier's marmot)

Reference: Svanbaev (1963, 1964)

***Eimeria monacis* Fish, 1930**

Synonyms: *E. os*; *E. perforoides*; *E. callospermophili*

Hosts: *Marmota baibacina* (Gray marmot); *M. bobak*; *M. marmota*; *M. menzbieri*; *M. monax*; *M. sibirica*

Reference: Crouch & Becker (1931); Dorney (1965); Fish (1930); Fleming et al. (1979); Iwanoff (1934); Levine & Ivens (1965); McQuistion & Wright (1984); Machulsky (1949); Nukerbaeva & Abenov (1979); Svanbaev (1963)

***Eimeria morainensis* Torbett, Marquardt, & Carey, 1982**

Hosts: *Cynomys gunnisoni* (Gunnison's prairie dog); *C. leucurus*; *C. ludovicianus*; *Marmota flaviventris*; *Spermophilus elegans*; *S. lateralis*; *S. richardsonii*; *S. townsendii*; *S. tridecemlineatus*; *S. variegatus*

Reference: McAllister et al. (1991); Seville (1997); Seville et al. (1992); Sevillet & Stanton (1993); Shults et al. (1990) Stanton et al. (1992); Thomas & Stanton (1994); Torbett et al. (1982); Wilber et al (1994)

***Eimeria os* Crouch & Becker, 1931**

Synonyms: *E. callospermophili*; *E. giganteos*; *E. monacis*

Hosts: *Marmota bobak* (Bobak's marmot); *M. baibacina*; *M. caudata*; *M. menzbieri*; *M. monax*; *M. sibirica*

Reference: Crouch & Becker (1931); Dorney (1965); Fleming et al. (1979); Levine & Ivens (1965); McQuistion & Wright (1984); Machulsky (1941, 1949); Nukerbaeva & Abenov (1979); Svanbaev (1963); Svanbaev & Rachmatullina (1971)

***Eimeria spermophili* Hilton & Mahrt, 1971**

Hosts: *Cynomys gunnisoni* (Gunnison's prairie dog); *C. leucurus*; *C. ludovicianus*; *Marmota flaviventris*; *Spermophilus elegans*; *S. franklinii*; *S. richardsonii*

Reference: Hilton & Mahrt (1971); Seville (1997); Seville & Stanton (1993); Shults et al. (1990); Stanton et al. (1992); Thomas & Stanton (1994)

***Eimeria surki* Nukerbaeva & Abenov, 1979**

Hosts: *Marmota baibacina* (Gray marmot); *M. bobak*

Reference: Nukerbaeva & Abenov (1979)

***Eimeria vilasi* Dorney, 1962**

Synonyms: *E. adaensis*; *E. dorsalis*; *E. morainensis*; *E. perforoides*

Hosts: *Cynomys leucurus* (White-tailed prairie dog); *C. ludovicianus*; *Marmota monax*; *Spermophilus mexicanus*; *S. townsendii*; *Tamias canipes*; *T. dorsalis*; *T. merriami*; *T. obscurus*; *T. striatus*; *T. townsednii*

Reference: Dorney (1962, 1963, 1965, 1966); Duncan (1968); Fleming et al. (1979); Hill & Duszynski (1986); McAllister et al. (1991); McQuistion & Wright (1984); Seville (1997); Wilber et al. (1994)

***Eimeria perforoides* Crouch & Becker, 1931**

Valid name: *E. monacis*

Host: *Marmota monax*

Reference: Crouch & Becker (1931); Wilber et al. (1998)

***Eimeria sarseni* Nukerbaeva & Abenov, 1979**

Valid name: *E. lateralis*

Host: *Marmota bobak*

Reference: Nukerbaeva & Abenov (1979); Wilber et al. (1998)

***Eimeria tuscarorensis* Dorney, 1965**

Valid name: *E. lateralis*

Host: *Marmota monax*

Reference: Dorney (1965); Wilber et al. (1998)

***Eimeria arctomysi* Galli-Valerio, 1931**

Host: *Marmota marmota*

Reference: Wilber et al. (1998)

Remarks: The original description was based on unsporulated oocysts.

***Eimeria marmotae* Galli-Valerio, 1923**

Host: *Marmota marmota*

Reference: Wilber et al. (1998)

Remarks: The original description was based on unsporulated oocysts.

***Eimeria tyanshanensis* Svanbaev, 1963**

Host: *Marmota menzbieri*

Reference: Wilber et al. (1998)

Remarks: There is no illustration or specimen for this oocyst and the description is lacking.

Crouch, H.B. & Becker, E.R. (1931) Three species of coccidia from the woodchuck, *Marmota monax*. Iowa State College Journal of Science, 2: 127-131.

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