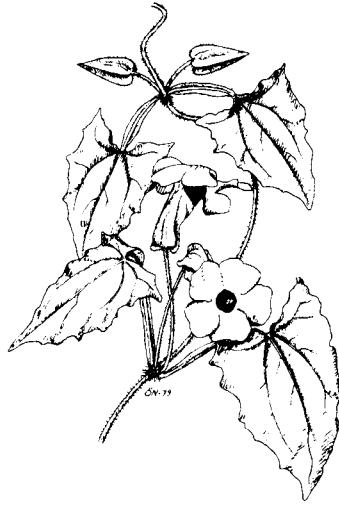


# THUNBERGIA

23



LEIF TIBELL

## CALICIALES EXSICCATAE

Fasc. 10 (Nos 226 - 250)

# THUNBERGIA 23

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## Caliciales Exsiccatae

### Fascicles 10

(Nos 226–250)

Leif Tibell

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UPPSALA 1996

Distributor: Botanical Museum, Uppsala University

THUNBERGIA is the continuation of 'Publications from the Herbarium, University of Uppsala', of which 19 numbers were issued between 1978 and 1986. The name is given in memory of Carl Peter Thunberg (1743–1828), a disciple of Linnaeus and a famous traveller to South Africa and Japan. His collections, about twentyseven thousand sheets, were transferred to our University in 1785, and became the foundation of the Botanical Museum. Thunberg succeeded Linnaeus filius as professor in 1785 and held the professorship to his death.

Thunbergia is issued irregularly and distributed on exchange basis or by order to the address below.

Contributions are refereed by external specialists.

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## Caliciales Exsiccatae. Fascicle 10

Leif Tibell

Tibell, L. 1996. Caliciales exsiccatae. Fasc. 10 (Nos 226–250). Thunbergia 23: 1–9. ISSN–0283–2275.

The 10th fascicle mainly contains material from Asia and the Southern Hemisphere, with 7 species of *Bunodophoron* and 6 species of *Chaenothecopsis* being included. *Chaenotheca sphaerocephala* is reported new to Australasia. Isotypes of *Bunodophoron agnetae*, *Chaenothecopsis amurensis*, *C. asperopoda*, *C. irregularis* and *C. ussuriensis* are distributed.

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### L. TIBELL: CALICIALES EXSICCATAE

#### 226. *Bunodophoron agnetae* Wedin

Isotype

Mycotaxon 53: 33 (1995).

NEW ZEALAND. North Island. Wellington, Tararua State Forest, along track from Kiriwhakapapa entrance to Te Mira Peak, at turn-off to Cow Creek Hut. 40°47'S 175°30'E. Alt. 1050 m. On standing, decorticated and rotting trunks in open *Nothofagus menziesii*-dominated forest.

11.I.1990

leg. M. Wedin (no. 2540) & A. Hörnell  
det. M. Wedin

### L. TIBELL: CALICIALES EXSICCATAE

#### 227. *Bunodophoron formosanum* (Zahlbr.) Wedin

Pl. Syst. Evol. 187: 233 (1993). – *Sphaerophorus melanocarpus* ssp. *formosanus* Zahlbr., Repert. Spec. Nov. Regni Veg. 31: 206 (1933).

AUSTRALIA. New South Wales, Border Ranges National Park, Along Tweed Range Scenic Drive, S of The Pinnacle Lookout. 28°25'S 153°07'E. Alt. 1050 m. On trunk of unidentified tree in rainforest dominated by *Nothofagus moorei*.

21.II.1990

leg. & det. M. Wedin (no. 3645)

**L. TIBELL: CALICIALES EXSICCATAE**

**228. Bunodophoron imshaugii** (Ohlsson) Wedin

Pl. Syst. Evol. 187: 233 (1993). – *Sphaerophorus imshaugii* Ohlsson in D.J. Galloway, N. Z. J. Bot. 21: 197 (1983).

AUSTRALIA. Tasmania, c. 12 km SE Zeehan, along road from Howard's Road to Mt. Dundas. 41°56'S 145°27'E. Alt. 280 m. On trunk of *Nothofagus cunninghamii* in low, tangled rainforest of *Nothofagus*, *Anodopetalum*, *Phyllocladus* and *Cenarrhenes*.

9.III.1992 leg. & det. M. Wedin (no. 4281)

**L. TIBELL: CALICIALES EXSICCATAE**

**229. Bunodophoron macrocarpum** (Ohlsson) Wedin

Pl. Syst. Evol. 187: 233 (1993). – *Sphaerophorus macrocarpus* Ohlsson in D.J. Galloway, N. Z. J. Bot. 21: 197 (1983).

NEW ZEALAND. South Island. Nelson, Northwest Nelson Forest Park, Peel Range, along track from Cobb Reservoir, N of Tableland. 41°11'S 172°37'E. Alt. 1250 m. In *Nothofagus menziesii*-dominated forest.

20.I.1995 leg. & det. M. Wedin (no. 4994)

**L. TIBELL: CALICIALES EXSICCATAE**

**230. Bunodophoron microsporum** (Ohlsson) Wedin

Pl. Syst. Evol. 187: 233 (1993). *Sphaerophorus microsporus* – Ohlsson in D.J. Galloway, N. Z. J. Bot. 21: 197 (1983).

NEW ZEALAND. North Island. Taranaki, Mt. Egmont National Park, Pouakai Range, along Dover Track. 39°17'S 174°05'E. Alt. 950 m. On trunk of *Weinmannia* in forest dominated by *W. racemosa*.

4.I.1990 leg. & det. M. Wedin (no. 2139)

**L. TIBELL: CALICIALES EXSICCATAE**

**231. Bunodophoron patagonicum** (C. W. Dodge.) Wedin

Pl. Syst. Evol. 187: 234 (1993). – *Pleurogyne patagonica* C.W. Dodge, Nova Hedwigia 16: 484 (1969).

CHILE. Magallanes, Peninsula Brunswick, 8 km WSW of Fuerte Bulnes. 53°40'S 70°58'W. Alt. 90 m. On trunk of *Drimys winteri* in *Nothofagus betuloides*-*Drimys* forest.

28.I.1989 leg. & det. M. Wedin (no. 1263)

**L. TIBELL: CALICIALES EXSICCATAE**

**232. Bunodophoron ramuliferum** (I. M. Lamb) Wedin

Pl. Syst. Evol. 187: 234 (1993). – *Sphaerophorus ramulifer* I.M. Lamb, Farlowia 4: 426 (1955).

CHILE. Valdivia, ca 40 km SW of Valdivia, Monumento Natural Alerce Costero, El Mirador. 40°04'S 73°33'W. Alt. 925–935 m. On trunk of *Fitzroya* in open *Fitzroya*-*Nothofagus* forest.

28.II.1989 leg. & det. M. Wedin (no. 1713a)

**L. TIBELL: CALICIALES EXSICCATAE**

**233. Chaenotheca brachypoda** (Ach.) Tibell

Symb. Bot. Upsal. 27(1): 71 (1987). – *Coniocybe brachypoda* Ach. K. Svenska Vetensk. Acad. Handl. 1816: 287 (1816).

GEORGIA. West Transcaucasia, Abkhazsk, Gudauta Region, Lake Ritza, 43°27'N 40°31'E. Alt. 900 m. On lignum of *Taxus baccata*.

14.VI.1988 leg. A. Titov (no. 1690)

## L. TIBELL: CALICIALES EXSICCATAE

**234. *Chaenotheca hispidula* (Ach.) Zahlbr.**

Cat. lich. univ. I: 567 (1922). – *Calicium trabinellum* Ach. v. *hispidulum* Ach., Lich. univ.: 237 (1810).

GEORGIA. West Transcaucasia, Abkhazsk, Gudauta Region, Cape Pitsunda. 43°11'N 40°21'E. Alt. 10 m. On *Hedera colchica* in *Pinus pithyusa* forest by the Black Sea.

2.VI.1988

leg. A. Titov (no. 1543)

## TIBELL: CALICIALES EXSICCATAE

**235. *Chaenotheca sphaerocephala* Nádv.**

Ann. Mycol. 40: 134 (1942).

AUSTRALIA. Tasmania, Mt. Field National Park, along Dobson Road, 2.2 km ESE of the outlet of Lake Fenton, 42°41'S 146°40'E. Alt. 800 m. On partly decorticated trunk of *Eucalyptus coccifera*.

6.II.1981

leg. & det. L. Tibell (no. 11160)

## L. TIBELL: CALICIALES EXSICCATAE

**236. *Chaenotheca trichialis* (Ach.) Th. Fr.**

Acta Reg. Soc. Sci. Upsal. 3(3): 251 (1860). – *Calicium trichiale* Ach, K. Vetensk.-Acad. Nya Handl. 1808: 203 (1808).

ARGENTINA. Rio Negro, Nahuel Huapi National Park, 6.5 km WSW of Bariloche, Cerro Otto. 41°09'S 71°23'W. Alt. 1400 m. On S-facing slope.

12.III.1989

leg. & det. L. Tibell (no. 18497)

## L. TIBELL: CALICIALES EXSICCATAE

**237. *Chaenothecopsis amurensis* Titov**

**Isotype**

in Titov & Tibell, Nord. J. Bot. 13: 315 (1993).

RUSSIA. The Far East, Primorsky territory, Lazo region, Lazovsky reserve, c. 5 km south of 'kordon Korpadj'. 43°14'N 134°10'E. Alt. 200 m. On the bark of *Phellodendrom amurense* in very shaded and moist situation in mixed *Pinus*-deciduous forest.

15.VII.1990

leg. A. Titov (no. 3826)

## L. TIBELL: CALICIALES EXSICCATAE

**238. *Chaenothecopsis asperopoda* Titov**

**Isotype**

in Titov & Tibell Nord. J. Bot. 13: 316 (1993).

RUSSIA. The Far East, Khabarovsk territory, Verkhne-Bureinsky region, c. 150 km NE of Chegdomyn, Dusse-Alin mountains, close to the source of the river Krest. 51°40'N 134°40'E. Alt. 1200 m. On exudate of *Picea ajanensis* in *Picea-Larix* forest.

30.VI.1990

leg. A. Titov (no. 3126)

## L. TIBELL: CALICIALES EXSICCATAE

**239. *Chaenothecopsis irregularis* Titov**

**Isotype**

Bot. J. 76, 4: 599 (1991).

RUSSIA. The Far East, Sakhalin, Kuril Islands, Kunashir, Saratovka valley. 44°21'N 146°12'E. Alt. 100 m. On bark and lignum of *Picea glehnii*.

15.IX.1989

leg. A. Titov (no. 2588)

## L. TIBELL: CALICIALES EXSICCATAE

240. *Chaenothecopsis pusilla* Vain.

Mitt. Staatsinst. Allg. Bot. Hamburg 13: 151 (1970). – *Calicium pusillum* Flörke, Deutsche Lichenen: 6 (1821).

UKRAINA. The Crimea, Alushta region, Bukovsky. 44°41'N 34°24'E. Alt. 800 m. On decorticated stump of *Fagus orientalis* in *Fagus* forest.

17.V.1989 leg. A. Titov (no. 2050)

## L. TIBELL: CALICIALES EXSICCATAE

241. *Chaenothecopsis pusiola* (Ach.) Vain.

Acta Soc. Fauna Fl. Fenn. 57(1): 70 (1927). – Ach., K. Vetensk. Acad. Handl. 1817: 231 (1817).

RUSSIA. Siberia, North-Western Sayan, Krasnoyarsk Province, Khakassk, Shushenskoye Region, c. 90 km SE of Cheryomushki, at mouth of River Golaya. 52°57'N 91°24'E. Alt. 700 m. On lignum of *Abies sibirica*.

8.VII.1984 leg. A. Titov (no. 1159)

## L. TIBELL: CALICIALES EXSICCATAE

242. *Chaenothecopsis ussuriensis* Titov

Isotype

in Titov & Tibell, Nord. J. Bot. 13: 326 (1993).

RUSSIA. The Far East, Primorsky territory, Ussurijsk region, Ussurijsky reserve, Grabovaya. 43°39'N 132°24'E. Alt. 300 m. On lignum of *Pinus koraiensis* in mixed *Pinus*-deciduous forest.

27.VII.1990 leg. A. Titov (no. 2812)

## L. TIBELL: CALICIALES EXSICCATAE

243. *Cyphelium karelicum* (Vain.) Räsänen

Ann. Bot. Soc. Zool.-Bot. Fenn. Vanamo 12,1: 188 (1939). – *Cyphelium lucidum* v. *karelicum* Vain., Acta Soc. Fauna Fl. Fenn. 57,1: 20 (1927).

CANADA. British Columbia, Glacier National Park, Illecillewaet River, at the campground. 51°17'N 117°31'W. Alt. 1225 m. On trunk of old *Thuja plicata* in old *Tsuga heterophylla*-*T. plicata* forest.

7.IX.1972 leg. & det. L. Tibell (no. 4990)

## L. TIBELL: CALICIALES EXSICCATAE

244. *Cyphelium pinicola* Tibell

Svensk Bot. Tidskr. 63: 477 (1969).

FRANCE. Pyrénées-Orientales, N of Lac des Bouillouses, N of Font-Romeu. 42°34'N 2°02'E. Alt. 2000–2100 m. On decorticated trunk of *Pinus uncinata*.

VII.1990 leg. E. Sérusiaux (no. 10937)

## L. TIBELL: CALICIALES EXSICCATAE

245. *Microcalicium arenarium* (Hampe ex. Massal.) Tibell

Bot. Notiser 131: 237 (1978). – *Cyphelium arenarium* Hampe ex Massal., Misc. Lich.: 20 (1856).

CHILE. Magallanes, Peninsula Brunswick, 6 km WSW of Fuerte Bulnes. 53°40'S 70°58'W. Alt. 90 m. On decorticated stump in mixed *Nothofagus betuloides*-*Drimys* forest.

28.I.1989 leg. & det. L. Tibell (no. 18077)

**L. TIBELL: CALICIALES EXSICCATAE****246. Microcalicium arenarium** (Hampe ex. Massal.) Tibell

Bot. Notiser 131: 237 (1978). – *Cyphelium arenarium* Hampe ex Massal., Misc. Lich.: 20 (1856).

AUSTRIA. Styria, Weidental S of Bruck an den Mur, S of 'Kalte Quelle'. Alt. 550 m. Under overhanging siliceous rocks.

5.VIII.1992 leg. M. Matzer  
det. L. Tibell

**L. TIBELL: CALICIALES EXSICCATAE****247. Phaeocalicium boreale** Tibell

Ann. Bot. Fenn. (in press).

SWEDEN. Torne Lappmark, Jukkasjärvi par., 2 km S of Abisko, Marmorbrottet. 68°21'N 18°47'E. Alt. 400 m. On thin stems of *Salix* in subalpine *Betula* forest.

16.VIII.1986 leg. & det. L. Tibell (no. 16355)

**L. TIBELL: CALICIALES EXSICCATAE****248. Phaeocalicium populneum** (Brond. ex Duby) A. Schmidt

Mitt. Staatsinst. Allg. Bot. Hamburg 13: 132 (1970). – *Calicium populneum* Brond. ex Duby, Bot. Gall. 2: 638 (1830).

SWEDEN. Lule Lappmark, Gällivare par., 10 km ENE of Malmberget, Nautanen, 1.3 km SE of Imetjärvet. 67°11'N 20°54'E. Alt. 390 m. On decaying branches of rather young trees, up to ca. 3 m above ground in wet patch with mixed deciduous stand with *Populus*, *Betula* and *Salix caprea* on NE-facing slope.

28.VIII.1995 leg. & det. L. Tibell (no. 21016)

**L. TIBELL: CALICIALES EXSICCATAE****249. Sclerophora farinacea** (Chevall.) Chevall.

Fl. gén. env. Paris 1: 315 (1826). – *Fulgia farinacea* Chevall., J. Physique 1822: 58 (1822).

UKRAINA. The Crimea, Alushta region, Mount Cziornaya. 44°41'N 34°24'E. Alt. 800 m. On bark of *Fraxinus excelsior* in *Fagus* forest.

17.V.1989 leg. A. Titov (no. 2100)

**L. TIBELL: CALICIALES EXSICCATAE****250. Stenocybe pullatula** (Ach.) B. Stein

Flechten: 298 (1879). in Cohn, F.: Kryptogamen-Flora von Schlesien II. – *Calicium pullatulum* Ach. K. Vetensk. Acad. Handl. 1816: 121 (1816).

RUSSIA. The Far East, Lazo, Lazovsky preserve, Valley of Sukhoi Kluch. 43°02'N 133°46'E. Alt. 250 m. On branches of fallen *Alnus* in mixed *Tilia* - *Alnus* forest with *Pinus koraiensis*.

28.IX.1991 leg. & det. L. Tibell (no. 19337)



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21. R. Santesson – *Fungi lichenicoli exs.*, Fasc. 7 & 8 (Nos 151–200), 1994
22. R. Santesson – *Fungi lichenicoli exs.*, Fasc. 9 & 10 (Nos 201–250), 1994
23. L. Tibell – *Caliciales exsiccatae*, Fasc. 10 (Nos 226–250), 1996

Published May 16, 1996

ISSN-0283-2275

*Repro HSC*, Uppsala 1996